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IN SITU CHEMICAL OXIDATION INJECTION PROGRAM COMPLETION REPORT

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CERTIFICATION

I, Charlie McGuckin, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this In Situ Chemical Oxidation Injection Program Completion Report for Groundwater was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Charles J. McGuckin, P.E.
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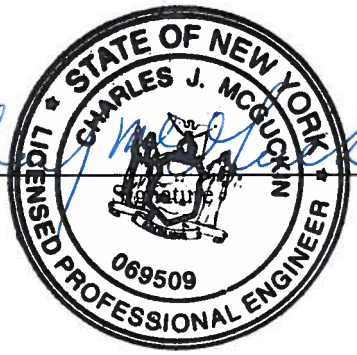
6/19/13
Date

Signature



1.0 INTRODUCTION

Roux Associates, Inc. and its associated firm, Remedial Engineering, P.C., (Roux Associates), on behalf of MBA-Manorhaven, LLC (MBA-Manorhaven), have prepared this *In Situ* Chemical Oxidant Injection Program Completion Report (ISCO-IPCR) in accordance with the New York State Department of Environmental Conservation DER-10: Technical Guidance for Site Investigation and Remediation dated May 3, 2010 for the property located at the former Thypin Steel Facility in Manorhaven, New York (Site), see Figure 1. The Site consists of Operable Units 1 and 2. The subject of this ISCO-IPCR is Operable Unit 1 (OU-1). OU-1 is defined as all onsite environmental media and all onsite remedial activities implemented therein, and OU-2 is defined as all offsite media and the investigations conducted to evaluate offsite conditions. This ISCO-IPCR discusses the shallow groundwater zone and upper intermediate groundwater zone remediation completed using an ISCO injection program within OU-1. All work was performed in accordance with the Voluntary Cleanup Agreement (VCA) between the New York State Department of Environmental Conservation (NYSDEC) and MBA-Manorhaven, LLC dated January 2, 2001 (Index Agreement No. V00336-1).

2.0 ISCO INJECTION PROGRAM IMPLEMENTATION

The ISCO injection program, as described in the RAWP Amendment, which was approved by the NYDEC on September 30, 2008, was developed to meet the objectives of the RAWP (Roux Associates, 2005). The ISCO injection program was to provide a replacement for the ERD technology in the intermediate groundwater zone as was originally presented in the RAWP as well as the supplement remedy for the shallow groundwater zone. Similarly, the objective of the ISCO injection program was to reduce the mass of chlorinated volatile organic compound (CVOC) contamination within the groundwater beneath the Site thereby resulting in mitigation of off-Site impacts beyond the Site boundary. ISCO is a strong and widely accepted technology used for destroying (oxidizing) organic contaminants such as CVOCs. The chemical oxidant that was used is RegenOx™ manufactured by Regenesis, Inc (Regenesis). RegenOx™ is a solid alkaline oxidant that uses two parts: a sodium percarbonate complex (oxidant complex) and a multi-part catalytic formula (micro-scale ferrous salt in a catalyst gel). The two parts are combined and mixed with water to produce an effective oxidant that is then injected into groundwater. This oxidant has been widely used in the industry to treat groundwater impacted with CVOCs. As the oxidant is distributed into the areas of CVOC contamination, the volatiles are completely destroyed leaving carbon dioxide and water. This remedial methodology was selected because it was capable of actively and aggressively reducing the mass of CVOC contamination beneath the Site. The ISCO injection program was an adaptable remedial approach that could be completed in phases and would be adjusted based on Site conditions.

The ISCO injection program was performed by Roux Associates in accordance with Roux Associates' July 11, 2008 RAWP Amendment and was completed in four phases as well as an additional pilot study. The injection program included:

- Installation of five observation wells prior to the first injection event and two additional observation wells prior to the second injection event;
- Implementation of the *In Situ* chemical oxidation injection pilot study, utilizing the Sidewinder tool (i.e., pressure pulse technology), prior to the third injection program;
- Mixture of 24 tons of RegenOxTM oxidant complex with 60,000 gallons of water to form an injection solution;
- Injection of the above oxidant solution within 11 air sparge points (screened from 21 to 23 ft bls) to remediate the shallow aquifer zone;

- Injection of the above solution within 18 temporary injection points from the interval 15 to 25 ft bls to remediate the shallow aquifer zone; and
- Injection of the above solution within 139 temporary injection points from the interval 25 to 35 ft bls and two permanent monitoring wells (screened from 30 to 50 ft bls) to remediate the intermediate aquifer zone.

The first phase of the ISCO injection program included baseline groundwater monitoring/ sampling, and a first phase injection event followed by two months of groundwater monitoring. Based on the review of the groundwater data, it was determined that a second phase injection event would be warranted. The second injection event was completed and subsequently followed by one month of groundwater monitoring. Based on the review of the groundwater data, it was determined that a third phase injection event would be warranted. However, at the request of the NYSDEC, an evaluation of alternative injection methodologies as well as the chemical oxidants was completed prior to the implementation of the third phase injection event. Thus, an ISCO pilot study was completed and subsequently followed by one month of groundwater monitoring. Based on the pilot study results, it was determined that a third injection event would be warranted utilizing the Sidewinder tool. The third injection event was completed and subsequently followed by two months of groundwater monitoring. At the request of the NYSDEC, a fourth and final injection event was completed, based on groundwater data collected during the post third injection event monitoring. All groundwater sampling data for VOCs is summarized in Table 1. All injection point locations and CVOC data are shown on Plate 1. All Laboratory analytical data reports are provided in Appendix A.

2.1 First Phase ISCO Injection Event

Prior to the start of the first phase of the ISCO injection program, groundwater samples were collected from monitoring wells MW-24, MW-31S, MW-31I, MW-33S, MW-33I, MW-34S, MW-34I, MW-35S, MW-35I, MW-26S, MW-26I, MW-30S, MW-30I, and the five new observation wells (OW-3 through OW-7) on November 24, 2008 December 6, 2008 and December 23, 2008. The analytical data from all three sample dates were used as baseline data since the wells were not all sampled on the same date. All groundwater samples and QA/QC samples were sent to TestAmerica of Shelton, Connecticut for the analysis of full list volatile organic compounds (VOCs), total and dissolved iron and manganese, total organic carbon (TOC),

and alkalinity. All of the baseline and monitoring data is summarized in Table 1. As shown in Plate 1, the principal CVOC present within the groundwater beneath the Site is TCE, with lower concentrations of other CVOCs including the daughter product, 1,2 DCE.

The first phase ISCO injection event was completed within the shallow aquifer zone from December 17, 2008 through December 31, 2008 and was performed by Zebra Environmental, Inc. of Lynbrook, New York (Zebra Environmental) under Roux Associates' supervision. The chemical oxidation solution was injected at temporary shallow injection points within Area 1 and Area 2 and within 11 AS wells (see Plate 1). The depth of injection for each temporary point extended from approximately 15 ft to 25 ft bls, which is within the shallow groundwater aquifer zone. The existing AS wells that received the chemical oxidation solution were AS-4, AS-6, AS-7, AS-8, AS-19, AS-20, AS-21, AS-22, AS-23, AS-27 and AS-28, as shown on Plate 1. The AS wells are screened from 21 to 23 ft bls.

The first phase of the ISCO injection program was continued in the upper intermediate aquifer zone, which was completed on February 5, 2009. The injections were completed within the upper intermediate aquifer zone (i.e., 25-35 ft bls) utilizing temporary injection points within six injection rows, in accordance with the RAWP Amendment, as shown in Plate 1. The intermediate injection points were distributed every 15 feet along six injection rows. The injection rows were completed downgradient of the Area 1 and strategically placed across the extent of the dissolved plume beneath the Site. Roux Associates field personnel performed field parameter monitoring (e.g., pH and dissolved oxygen [DO] readings) and groundwater sampling activities to evaluate the effectiveness of the injection program. In order to confirm that a 15-foot spacing of the temporary injection points was adequate, the field parameters were monitored during the completion of the entire first row of injection points for the intermediate groundwater zone. The field parameters in the adjacent observation wells confirmed that the oxidant was present and the injections were typically effective at a distance of 15 feet or more.

Field parameter readings were collected in the monitoring and observation wells approximately every two weeks following the injections, and the first round of groundwater performance monitoring samples were collected on February 2, 2009 and February 3, 2009. The second round

of groundwater performance monitoring samples was collected on March 11, 2009 and March 12, 2009 in accordance with the RAWP Amendment. The comparison of field parameter data collected during the baseline and performance monitoring periods indicated that ISCO injections into Site groundwater were effectively dispersed and that an oxidizing environment was developed as a result of the ISCO injections. The longevity of the oxidant in the subsurface at this Site (the time that the oxidant is active) was observed to be approximately four weeks following the first injection event.

2.1.1 First Phase ISCO Injection Event – Shallow Aquifer Zone Results

The ISCO injection program was performed to provide a final polishing step for the shallow aquifer in the form of an aggressive alternative technology following the completion of extensive AS/SVE system operations. The CVOC data from the groundwater samples collected from the shallow monitoring wells during the performance monitoring events were either non-detect, or detected at low concentration levels consistent with the baseline sampling round. The relatively small mass of dissolved CVOC contamination that was originally present within the shallow aquifer has been remediated to the NYSDEC ambient water quality standard and guidance values (AWQSGVs), to the extent practicable, utilizing multiple NYSDEC-approved technologies and no further remedial actions could be performed that would significantly or cost effectively further remediate the shallow aquifer zone.

The shallow groundwater zone at the water-table is 15 feet thick and represents the interface where contaminants have the potential to partition to soil gas. The relatively clean shallow groundwater creates a buffer zone between the potential source of soil gas (i.e., dissolved CVOC contamination in the deeper intermediate aquifer) and the vadose zone. Therefore, the overall objective of protecting the public health and the environment under the conditions of the contemplated use of the Site for residential purposes can now be achieved through appropriate application of Site Management Plan controls at the time of development.

2.1.2 First Phase ISCO Injection Event – Intermediate Aquifer Zone Results

In the upper intermediate zone, the results of the first performance monitoring round showed a reduction of TCE in OW-3 and OW-4 and an increase of TCE concentrations in OW-5, OW-6,

and OW-7. The overall results following the second performance monitoring round showed a reduction of TCE in OW 3 and an increase of concentrations of TCE in OW-4 through OW-7. The most pronounced increase in concentrations was observed in OW-4 with a TCE concentration of 7,900 µg/L, which increased from 6,700 µg/L, as measured during the baseline sampling round. This is a result of the chemical reactions forcing the sorbed organics to come into solution and increasing the groundwater concentrations. A localized increase in dissolved phase concentration in groundwater is not uncommon following an initial injection program.

Based on the field parameters and the performance monitoring results, it appeared that the injection program did not effectively influence the deeper intermediate zone as observed in monitoring wells MW-34I and MW-35I. It has been observed during previous soil boring activities that the intermediate aquifer zone transitions to a tighter and finer-grained deposit and these aquifer characteristics most likely limited the effectiveness of the injection program at deeper intervals. The intermediate monitoring wells (i.e., MW-34I and MW-35I) are screened from 30 to 50 ft bls and do not provide a representative sample of the targeted treatment zone (i.e., 25-35 ft bls).

Overall, the first injection program was successful in distributing the oxidant throughout the targeted area and vertical treatment zone, resulting in a reduction of the mass of the CVOC contamination. It was proposed that a second phase injection event would be able to target additional CVOC mass within the upper intermediate aquifer zone as described below.

2.2 Second Phase ISCO Injection Event

Based on the results of the first phase injection event it was recommended by Roux Associates to perform a second injection event to further address the upper intermediate aquifer zone. It was proposed by Roux Associates that two additional observation wells would be installed adjacent to MW-34I and MW-35I (OW-9 and OW-8, respectively) and screened from 25 to 35 ft bls. This zone corresponds to the interval of ISCO injections and the targeted treatment area. The modification to the injection program was approved by NYSDEC and NYSDOH via email correspondence on April 16, 2009.

The second phase of ISCO injections was performed from May 4, 2009 through May 29, 2009 within Area 1 and within the four previously completed northern injection rows upgradient of observation wells (i.e., OW-4, OW-5, and OW-6) that showed more than a marginal rebound of TCE following the initial injection event. The injections were completed within the upper intermediate aquifer zone (i.e., 25-35 ft bls). The same oxidant loading utilized during the first phase of ISCO injections was used during the second phase. The locations of the injection points are shown on Plate 1.

Roux Associates' field personnel performed field parameter monitoring (e.g., pH and DO readings) and groundwater sampling activities to evaluate the effectiveness of the injection program. The field parameters in the adjacent observation wells (i.e., OW-4 and OW-5) confirmed that the oxidant was present and the injections were effective at a distance of 15 feet or more during a majority of the injection locations.

Field parameter readings were collected every two weeks in the observation wells following the injections, and the first round of groundwater performance monitoring parameters and samples were collected on June 9, 2009. All groundwater and QA/QC samples were sent to TestAmerica of Shelton, Connecticut for the analysis of full list VOCs using USEPA Method 8260B. The comparison of field parameter data collected during the baseline and performance monitoring periods indicated that ISCO injections into Site groundwater were effectively dispersed and that an oxidizing environment was developed as a result of the ISCO injections. The longevity of the oxidant in the subsurface at the Site during the second injection program was observed to be approximately two weeks.

The second round of groundwater field measurements was performed on June 22, 2009. Based on the field parameters and initial groundwater monitoring results the second groundwater sampling monitoring event was not performed because the field parameter data indicated that the oxidant was no longer active.

2.2.1 Second Phase ISCO Injection Event Results

In the upper intermediate zone, the results of the performance monitoring round following the second injection event showed an overall decreasing trend throughout some areas of the plume.

The majority of the observation wells contained relatively low concentrations of TCE or a decrease in concentration as follows:

- The TCE concentrations within the groundwater samples collected from OW-3, OW-5, OW-7, OW-8 and OW-9 were all below 100 µg/L, with an average TCE concentration of 52 µg/L.
- The TCE concentrations within the groundwater samples collected from OW-5 decreased from 2,400 to 66 µg/L.
- The TCE concentrations within the groundwater samples collected from OW-6 decreased from 1,000 to 800 µg/L.

The one area where a reduction in concentration was not found was in the vicinity of OW-4. The groundwater sample collected from OW-4 contained a TCE concentration of 8,900 µg/L, which is elevated as compared to the remainder of the upper intermediate aquifer zone. These elevated concentrations represent a localized area that has been shown to be extremely difficult to treat and is composed of a very tight formation, similar to the formation that is present at depths deeper than 35 ft bls.

2.3 ISCO Pilot Study (Sidewinder Tool)

Prior to the initiation of the third phase injection event, the NYSDEC requested an evaluation of alternative injection methodologies to enhance the application of the oxidant chemical into the target zone (i.e., 25 to 35 ft bls). After thorough evaluation of injection methodologies, the Sidewinder tool, developed by Wavefront Energy and Environmental Services, USA Inc. (Wavefront), was chosen to aid in the application of the RegenOx chemical. The Sidewinder tool system injects the solution at high acceleration impulses (pressure-pulsing). These pulses are designed to allow for better distribution of the injected solution into the soil formation. After a review of the available materials for ISCO injections it was verified that the RegenOx chemical oxidant was the appropriate material to be utilized at the Site. Therefore, it was proposed that the pressure-pulse delivery methodology be implemented on a pilot study basis prior to proceeding with the third phase injection event.

A pilot study, consisting of injecting RegenOx into three temporary injection points around OW-6 as well as injecting into permanent injection well IW-1, utilizing the Sidewinder tool, was

completed in October 2010 with subsequent performance monitoring, including the collection of field parameters and groundwater samples. All work was completed in accordance to the *In Situ* Chemical Oxidation Injection Pilot Study Work Plan dated September 8, 2010 (ISCO Work Plan), which was approved by the NYSDEC via letter correspondence dated September 20, 2010. Prior to the start of the pilot study, baseline groundwater samples were collected on September 22, 2010 from OW-1, OW-2, MW-35I and OW-6. All groundwater and QA/QC samples were sent to TestAmerica Laboratories of Shelton, Connecticut for the analysis of full list VOCs using USEPA Method 8260B.

2.3.1 ISCO Pilot Study (Sidewinder Tool) Results

A detailed description of the pilot study activities and results were submitted to the NYSDEC in the ISCO Pilot Study Summary Report dated February 9, 2011. A summary of the results are as follows.

The field observations, field parameter measurements and VOC analytical data collected from OW-6 during the pilot study indicate that injections of the RegenOx™ solution into Site groundwater using the Sidewinder tool were only effective at temporary injection points, at an injection depth limit of 32 ft bls. The Sidewinder tool was effective in allowing for better distribution of the injected oxidant solution into the soil formation through temporary injection points, which had not been observed in the previous two ISCO injection events, when the Sidewinder tool was not used. This was further supported by the VOC analytical data results from post-pilot study samples collected at OW-6, which showed a decrease in the baseline TCE concentration 140 µg/L to 18 µg/L. Injecting into permanent injection well IW-1 was unsuccessful due to the tight subsurface formation, which caused day-lighting of the oxidant at the ground surface. Similarly, the lack of change in field parameter measurements and VOC analytical data at the three wells (OW-1, OW-2, and MW-35I) monitored around IW-1 indicate that using the Sidewinder Tool in a permanent injection well was unsuccessful.

2.4 Additional Groundwater Sampling

At the request of the NYSDEC in a letter dated June 16, 2011, Roux Associates performed additional groundwater sampling at four locations south/southwest of OW-6 within the vicinity

of OW-7, MW-26I and MW-30I (Investigation Area). In accordance with the Additional Groundwater Sampling Work Plan dated July 12, 2011 and approved by the NYSDEC in an email correspondence dated July 19, 2011, four temporary shallow groundwater monitoring wells (shallow wells) and four temporary upper intermediate groundwater monitoring wells (intermediate wells) were installed in clusters (i.e., shallow well adjacent to an upper intermediate well) from July 25, 2011 through July 28, 2011.

Groundwater samples from each temporary well were collected one week following well development, in accordance with United States Environmental Protection Agency (USEPA) Region I low-flow groundwater sampling procedures (July 30, 1996). All groundwater and QA/QC samples were sent to TestAmerica Laboratories of Shelton, Connecticut for the analysis of full list VOCs using USEPA Method 8260B.

2.4.1 Additional Groundwater Sampling Results

As described in the Additional Groundwater Sampling Summary Report dated September 7, 2011, there were no VOC exceedances in any of the shallow well samples. Only four individual VOCs were detected in the temporary groundwater monitoring well samples and only two of the four compounds (i.e., trichloroethylene and cis-1,2,Dichloroethene) were detected above the AWQSGV of 5 µg/L, for those compounds. TCE was the only compound that was detected in all of the upper intermediate wells (i.e., TW-1I, TW-2I, TW-3I, and TW-4I) at a concentration of 8 µg/L, 82 µg/L, 8.1 µg/L, and 81 µg/L, respectively. Cis-1,2,Dichloroethene was the only other VOC detected at a concentration above NYSDEC AWQSGV and was detected at a concentration of 14 µg/L from the sample collected at TW-4I. One of the four detected compounds (i.e., Acetone) is a known laboratory contaminant and is not discussed further in this Report.

Based on the aforementioned sampling results, it was recommended by Roux Associates to remove of all temporary monitoring wells. No additional work was warranted in the Investigation Area, since the detections were relatively low and represented discontinuous areas, which were not impacting the shallow groundwater zone. Temporary monitoring well removals as well as not conducting additional work in the Investigation Area was approved by the NYSDEC in a letter correspondence dated October 5, 2011. All temporary groundwater monitoring wells were

abandoned using the casing pulling method, in accordance with the NYSDEC CP-43 well decommissioning policy.

2.5 Third Phase ISCO Injection Event

Based on the results from the second phase injection event and subsequent ISCO pilot study, it was recommended by Roux Associates to perform a third injection event to further address the upper intermediate aquifer zone. It was proposed by Roux Associates to include the use of the Sidewinder tool to aid in the application of injected oxidant solution into the soil formation. The modification to the Supplemental ISCO Injection Work Plan dated April 9, 2010 was included in the Additional Groundwater Sampling Summary Report dated September 7, 2011, which was conditionally approved by the NYSDEC in a letter correspondence dated October 5, 2011. As per the NYSDEC, the modification to the third phase of ISCO injections scope of work included eliminating injecting around OW-6 and injecting the oxidant solution directly into groundwater monitoring wells MW-34I and MW-35I, which have screen intervals of 30 to 50 ft bls.

The third phase of ISCO injections was performed from October 31, 2011 through November 11, 2011. Prior to the start of injection event, groundwater samples were collected from wells OW-4, OW-5, MW-34I and MW-35I on October 13, 2011 and sent to TestAmerica of Edison, New Jersey for the analysis of full list VOCs using USEPA Method 8260B. The analytical results from the October 13, 2011 sampling date were used as baseline data for the third phase injection event. The injections were completed within the upper intermediate aquifer zone (i.e., 25-35 ft bls) at 14 locations upgradient and around OW-4, four locations around OW-5 and within monitoring wells MW-34I and MW-35I. The same oxidant loading utilized during the first and second phase of injections was used during the third phase. Due to the tight subsurface conditions, only approximately 25 gallons of the oxidant mixture was injected into MW-34I and approximately 250 gallons of the oxidant mixture was injected into MW-35I. The remaining oxidant mixtures that could not be injected into each well, was injected into a temporary injection point up gradient of each well. The location of the injection program is shown in Plate 1.

Roux Associates' field personnel performed field parameter monitoring (e.g., pH and DO readings) and groundwater sampling activities to evaluate the effectiveness of the injection

program. During the ISCO injection activities, the field parameters in the adjacent observation wells (i.e., OW-4 and OW-5) confirmed that the oxidant was present and the injections were effective at a distance of at least 15 feet during a majority of the injection locations.

Field parameter readings were collected approximately every two weeks in wells OW-4, OW-5, MW-34I and MW-35I following the injections, and the first round of groundwater samples were collected on January 6, 2012 from OW-4 and MW-34I. However, these samples were collected while the oxidant was still active, as indicated by the field parameter measurements, and considered not to be representative of true post-injection conditions. Thus, samples were collected from all four wells on March 2, 2012. The second round of groundwater sampling was performed on March 30, 2012. The comparison of field parameter data collected during the baseline and performance monitoring periods indicated that ISCO injections into Site groundwater were effectively dispersed and that an oxidizing environment was developed as a result of the ISCO injections. The longevity of the oxidant in the subsurface at the Site during the third injection program was observed to be approximately four months.

2.5.1 Third Phase ISCO Injection Event Results

Based on the performance sampling results, the third phase ISCO injection program did not effectively influence the CVOC concentrations in any of the monitoring wells. There was only a slight reduction in TCE concentration between the baseline and post injection samples of OW-5 (i.e., 170 µg/L to 160 µg/L), respectively. The groundwater samples collected from OW-4, MW-34I and MW-35I contained TCE concentrations that were higher than the baseline data (see Plate 1). The third phase injection event was the first time in the injection program in which oxidant was successfully injected throughout the entire target zone of 25-35 feet bls. Therefore, although this was the third round of injections, it was the first time the oxidant reached some parts of the aquifer. As such, these elevated concentrations may be a result of the chemical reactions forcing the sorbed organics to come into solution and increasing the groundwater concentrations. A localized increase in dissolved phase concentration in groundwater is not uncommon following an initial injection.

2.6 Fourth Phase ISCO Injection Event

As requested by the NYSDEC, a fourth and final injection event was completed between May 29, 2012 and June 7, 2012. The fourth injection event was focused around observation well OW-4, which included injecting oxidant into a total of 10 temporary injection points upgradient and around OW-4, as well as injecting oxidant directly into MW-35I. All work was performed in accordance with the previous injection events including, but not limited to, injecting RegenOx chemical oxidant with the use of the Sidewinder tool, into the target interval of 25-35 feet below land surface at the ten temporary injection points and into MW-35I. Similar to the previous third phase injection event, only approximately 250 gallons of the oxidant mixture was injected into MW-35I, due to the tight subsurface conditions. The remaining oxidant mixture that could not be injected into the well was injected into a temporary injection point up gradient of MW-35I.

Following the completion of the injections, groundwater field parameters were monitored in OW-4 and MW-35I for approximately three months to determine the optimal time to collect samples for VOC analysis. The comparison of field parameter data collected during the baseline and performance monitoring periods indicated that ISCO injections into Site groundwater were effectively dispersed and that an oxidizing environment was developed as a result of the ISCO injections. The longevity of the oxidant in the subsurface at the Site during the fourth phase injection event was observed to be approximately four months. Based on the field parameter results, groundwater samples were collected from OW-4 and MW-35I on September 21, 2012. All groundwater and QA/QC samples were sent to TestAmerica Laboratories of Edison, New Jersey for the analysis of full list VOCs using USEPA Method 8260B.

2.6.1 Fourth Phase ISCO Injection Event Results

Based on the performance sampling results, the fourth phase ISCO injection program effectively influenced the CVOC concentrations in MW-35I; however, CVOC concentrations in OW-4 remained relatively unchanged. As previously mentioned, these elevated concentrations within OW-4 represent a localized area that has been shown to be extremely difficult to treat and is composed of a very tight formation, similar to the formation that is present at depths deeper than 35 ft bls.

3.0 CONCLUSION

The CVOC data from the groundwater samples collected from the shallow monitoring wells during the performance monitoring events were either non-detect, or detected at low concentration levels consistent with the baseline sampling round. The relatively small mass of dissolved CVOC contamination that was originally present within the shallow aquifer zone has been remediated to the AWQSGVs, to the extent practicable, utilizing multiple NYSDEC-approved technologies and no further remedial actions could be performed that would significantly, or cost effectively further remediate the shallow aquifer zone.

The results of the performance monitoring rounds following each phase of the injection program showed an overall decreasing trend throughout some areas of the plume within the upper intermediate zone. The majority of the observation wells contained relatively low concentrations of TCE or a decrease in concentration as follows:

- The TCE concentrations within the groundwater samples collected from OW-3, OW-7, OW-8 and OW-9 following the completion of the second phase of injections were all below 100 micrograms per liter (µg/L), with an average TCE concentration of 52 µg/L.
- The TCE concentration within the groundwater samples collected from OW-4 following the fourth phase of injections decreased from a historical high concentration of 8,900 µg/L to 2,100 µg/L.
- The TCE concentrations within the groundwater samples collected from OW-5 decreased from a historical high concentration of 2,400 µg/L to 160 µg/L.
- The TCE concentrations within the groundwater samples collected from OW-6 following the completion of the ISCO injection pilot study decreased from a historical high concentration of 1,000 µg/L to 18 µg/L.
- The TCE concentrations within the groundwater samples collected from MW-26I following the second phase of injections decreased from a historical high concentration of 1,100 µg/L to 27 µg/L.
- The TCE concentrations within the groundwater samples collected from MW-34I following the fourth phase of injections decreased from a historical high concentration of 7,200 µg/L to 2,900 µg/L.
- The TCE concentrations within the groundwater samples collected from MW-35I following the fourth phase of injections decreased from a historical high concentration of 5,500 µg/L to 410 µg/L.

Overall, the ISCO injection program has been successful in obtaining the mass reduction of CVOCs onsite and mitigation of offsite impacts of CVOCs in the intermediate groundwater zone, which was one of the primary objectives of the remedial actions, as defined in the Site's RAWP and RAWP Amendment (see Plate 1). This is evident in the aforementioned reduction of TCE concentrations, as described above. A summary of the groundwater sampling data for VOCs is summarized in Table 1. A summary of CVOC mass reduction percentages for the wells with historical concentrations above 1,000 µg/L (i.e., OW-4, OW-5, OW-6, MW-26I, MW-34I, and MW-35I) are shown below.

Well Designation	TCE Concentration Historical High (µg/L)	TCE Concentration Post Injection Program (µg/L)	Percent Reduction (%)
OW-4	8,900	2,100	76
OW-5	2,400	160	93
OW-6	1,000	18	98
MW-26I	1,100	27	97
MW-34I	7,200	2,900	60
MW-35I	5,500	410	92

However, even though an overall reduction of CVOC concentrations was observed in wells OW-4 and MW-34I as compared to pre-ISCO injection program groundwater results, a static CVOC concentration level was reached in both wells following the second phase of injections. As shown on Plate 1, CVOC concentrations remained relatively unchanged following the third and fourth phases of injections in OW-4 and MW-34I. As discussed in Section 2.1.2 of this Report, this is most likely due to the fact that the lower intermediate aquifer consists of a tighter, silty formation and the contamination was more likely to sorb onto the finer grained particles, which is not coming into contact with the oxidant during injections even when the state of the art Sidewinder tool was utilized. Thus, all phases of the ISCO injection program have not been effective at reducing CVOC concentrations to meet AWQSGVs in the vicinity of OW-4 and MW-34I. The groundwater sample collected from OW-4 following the latest phase (i.e., fourth phase) of

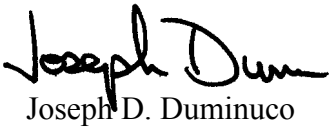
the ISCO program contained a TCE concentration of 2,100 µg/L, which is lower than historical (prior to implementation of the ISCO injection program) concentration of 8,900 µg/L but elevated as compared to the remainder of the upper intermediate aquifer zone. The groundwater sample collected from MW-34I following the third phase of the ISCO program contained a TCE concentration 2,900 µg/L, which is lower than the historical concentration of 7,200 µg/L but elevated as compared to the remainder of the intermediate aquifer zone. As previously mentioned, these elevated concentrations represent a localized area that has been shown to be extremely difficult to treat and is composed of a very tight formation.

With the application of the ISCO injection program, elevated concentrations of CVOCs specifically within the shallow aquifer and upper portions of the intermediate aquifer have been targeted and remediated, to the extent practicable, by a proven technology as approved by the NYSDEC. The multi-phased approach, including the use of the Sidewinder tool, effectively dispersed the oxidant within the targeted treatment zones and the mass of contamination has been reduced in the groundwater beneath the Site.

Respecfully submitted,

ROUX ASSOCIATES, INC.

Jeffrey Wills
Project Hydrogeologist/
Project Manager



Joseph D. Duminuco
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TABLE

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	MW-2 2/26/2008	MW-2 3/16/2010	MW-24 12/1/2008 baseline 1	MW-24 2/2/2009	MW-24 3/12/2009 baseline 2	MW-24 3/16/2010	MW-26I 12/23/2008 baseline 1	MW-26I 2/11/2009
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	1.5 J	2.6 J
1,2,4-Trichlorobenzene	5		NA	5 U	NA	NA	NA	5 U	NA	NA
1,2-Dibromoethane	--		5 U	5 U	NA	NA	NA	5 U	NA	NA
1,2-Dichlorobenzene	3		NA	5 U	NA	NA	NA	5 U	NA	NA
1,2-Dichloroethane	0.6		NA	5 U	5 U	5 U	5 U	5 U	5 U	10 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
1,3-Dichlorobenzene	3		NA	5 U	NA	NA	NA	5 U	NA	NA
1,4-Dichlorobenzene	3		NA	5 U	NA	NA	NA	5 U	NA	NA
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U
Acetone	50		10 U	3.1 J	10 U	2.4 J	10 U	10 U	10 U	20 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Bromomethane	5		5 U *	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
cis-1,2-Dichloroethene	5		1 J	3 J	5 U	5 U	5 U	5 U	**170**	**270**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Cyclohexane	--		NA	5 U	NA	NA	NA	5 U	NA	NA
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Dibromochloropropane	--		NA	5 U	NA	NA	NA	5 U	NA	NA
Dichlorodifluoromethane	5		NA	5 U	NA	NA	NA	5 U	NA	NA
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Freon 113	--		NA	5 U	NA	NA	NA	5 U	NA	NA
Isopropylbenzene	5		NA	5 U	NA	NA	NA	5 U	NA	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	MW-2 2/26/2008	MW-2 3/16/2010	MW-24 12/1/2008 baseline 1	MW-24 2/2/2009	MW-24 3/12/2009 baseline 2	MW-24 3/16/2010	MW-26I 12/23/2008 baseline 1	MW-26I 2/11/2009
Methyl acetate	--		NA	5 U	NA	NA	NA	5 U	NA	NA
Methylcyclohexane	--		NA	5 U	NA	NA	NA	5 U	NA	NA
Methylene chloride	5		5 U	5 U	5 U	0.8 J B	5 U	5 U	5 U	10 U
MTBE	10		NA	5 U	NA	NA	NA	5 U	NA	NA
Styrene	5		5 U	5 U	5 U *	5 U	5 U	5 U	5 U	10 U
Tetrachloroethene	5		2.9 J	**5.4**	5 U	2.5 J	5 U	5 U	1.5 J	2.2 J
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	1 J	4.2 J
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Trichloroethene	5		**7**	**9.2**	2.4 J	**6.2**	4 J	1.8 J	**620**	**1100**
Trichlorofluoromethane	5		NA	5 U	NA	NA	NA	5 U	NA	NA
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
* - Laboratory Control Sample (LCS) or Laboratory Control Sample Duplicate (LCSD) exceeds the control limits
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-26I 3/11/2009 baseline 2	MW-26I 3/16/2010	MW-26S 12/23/2008 baseline 1	MW-26S DUP 12/23/2008	MW-26S 2/2/2009	MW-26S 3/11/2009 baseline 2	MW-26S 3/16/2010
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		1.4 J	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		NA	5 U	NA	NA	NA	NA	5 U
1,2-Dibromoethane	--		NA	5 U	NA	NA	NA	NA	5 U
1,2-Dichlorobenzene	3		NA	5 U	NA	NA	NA	NA	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		NA	5 U	NA	NA	NA	NA	5 U
1,4-Dichlorobenzene	3		NA	5 U	NA	NA	NA	NA	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	10 U	1.8 J	1.2 J B	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		**97**	**6.3**	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		NA	5 U	NA	NA	NA	NA	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		NA	5 U	NA	NA	NA	NA	5 U
Dichlorodifluoromethane	5		NA	5 U	NA	NA	NA	NA	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		NA	5 U	NA	NA	NA	NA	5 U
Isopropylbenzene	5		NA	5 U	NA	NA	NA	NA	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-26I 3/11/2009 baseline 2	MW-26I 3/16/2010	MW-26S 12/23/2008 baseline 1	MW-26S DUP 12/23/2008	MW-26S 2/2/2009	MW-26S 3/11/2009 baseline 2	MW-26S 3/16/2010
Methyl acetate	--		NA	5 U	NA	NA	NA	NA	5 U
Methylcyclohexane	--		NA	5 U	NA	NA	NA	NA	5 U
Methylene chloride	5		5 U	5 U	5 U	5 U	0.8 J B	5 U	5 U
MTBE	10		NA	5 U	NA	NA	NA	NA	5 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U *	5 U
Tetrachloroethene	5		0.91 J	5 U	1.4 J	1.2 J	1.8 J	1.1 J	1.1 J
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		0.81 J	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**440**	**27**	5 U	5 U	5 U	0.86 J	5 U
Trichlorofluoromethane	5		NA	5 U	NA	NA	NA	NA	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

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- - No NYSDEC AWQSGV available
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NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:**	MW-29S	MW-29S	MW-30I	MW-30I	MW-30I	MW-30S	MW-30S	MW-30S
		Sample Date:	2/26/2008	3/16/2010	12/23/2008 baseline 1	2/11/2009	3/12/2009 baseline 2	12/23/2008 baseline 1	2/2/2009	3/12/2009 baseline 2
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		NA	5 U	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	--		5 U	5 U	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3		NA	5 U	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6		NA	5 U	5 U	5 U *	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U *	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		NA	5 U	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3		NA	5 U	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	2.3 J	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U *	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	5 U	**5.4**	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		NA	5 U	NA	NA	NA	NA	NA	NA
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		NA	5 U	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5		NA	5 U	NA	NA	NA	NA	NA	NA
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		NA	5 U	NA	NA	NA	NA	NA	NA
Isopropylbenzene	5		NA	5 U	NA	NA	NA	NA	NA	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:**	MW-29S	MW-29S	MW-30I	MW-30I	MW-30I	MW-30S	MW-30S	MW-30S
		Sample Date:	2/26/2008	3/16/2010	12/23/2008 baseline 1	2/11/2009	3/12/2009 baseline 2	12/23/2008 baseline 1	2/2/2009	3/12/2009 baseline 2
Methyl acetate	--		NA	5 U	NA	NA	NA	NA	NA	NA
Methylcyclohexane	--		NA	5 U	NA	NA	NA	NA	NA	NA
Methylene chloride	5		5 U	5 U	5 U	5 U	5 U	5 U	0.88 J B	5 U
MTBE	10		NA	5 U	NA	NA	NA	NA	NA	NA
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	0.88 J	5 U
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		5 U	5 U	**12**	**88**	**16**	1.8 J	1.7 J	4.5 J
Trichlorofluoromethane	5		NA	5 U	NA	NA	NA	NA	NA	NA
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
* - Laboratory Control Sample (LCS) or Laboratory Control Sample Dupl
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	MW-30S 3/16/2010	MW-31I 11/24/2008 baseline 1	MW-31I 2/11/2009	MW-31I 3/12/2009 baseline 2	MW-31S 11/24/2008 baseline 1	MW-31S 2/2/2009	MW-31S 3/12/2009 baseline 2	MW-31S 3/16/2010
1,1,1-Trichloroethane	5		5 U	5 U	**4.1 J**	5 U	**24**	**31**	**25**	**3.4 J**
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	**7**	**7.3**	**7.8**	1.6 J
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	1.1 J	1.4 J	1.8 J	5 U
1,2,4-Trichlorobenzene	5		5 U	NA	NA	NA	NA	NA	NA	5 U
1,2-Dibromoethane	--		5 U	NA	NA	NA	NA	NA	NA	5 U
1,2-Dichlorobenzene	3		5 U	NA	NA	NA	NA	NA	NA	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U *	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		5 U	NA	NA	NA	NA	NA	NA	5 U
1,4-Dichlorobenzene	3		5 U	NA	NA	NA	NA	NA	NA	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	2.3 J	10 U	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	2.4 J	5 U	**31**	**31**	**34**	**11**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		1 J	NA	NA	NA	NA	NA	NA	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		5 U	NA	NA	NA	NA	NA	NA	5 U
Dichlorodifluoromethane	5		5 U	NA	NA	NA	NA	NA	NA	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		5 U	NA	NA	NA	NA	NA	NA	5 U
Isopropylbenzene	5		**1.3 J**	NA	NA	NA	NA	NA	NA	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	MW-30S 3/16/2010	MW-31I 11/24/2008 baseline 1	MW-31I 2/11/2009	MW-31I 3/12/2009 baseline 2	MW-31S 11/24/2008 baseline 1	MW-31S 2/2/2009	MW-31S 3/12/2009 baseline 2	MW-31S 3/16/2010
Methyl acetate	--		5 U	NA	NA	NA	NA	NA	NA	5 U
Methylcyclohexane	--		**1.3 J**	NA	NA	NA	NA	NA	NA	5 U
Methylene chloride	5		5 U	5 U	5 U	5 U	5 U	0.85 J B	5 U	5 U
MTBE	10		5 U	NA	NA	NA	NA	NA	NA	5 U
Styrene	5		5 U	5 U *	5 U	5 U	5 U *	5 U	5 U	5 U
Tetrachloroethene	5		5 U	5 U	2.4 J	5 U	**52**	**55**	**48**	**14**
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	0.87 J	1 J	1.2 J	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		0.63 J	0.91 J	**12**	0.89 J	**78**	**84**	**81**	**22**
Trichlorofluoromethane	5		5 U	NA	NA	NA	NA	NA	NA	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
* - Laboratory Control Sample (LCS) or Laboratory Control Sample Dupl
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-33I 11/24/2008 baseline 1	MW-33I 2/11/2009	MW-33I 3/12/2009 baseline 2	MW-33S 11/24/2008 baseline 1	MW-33S 2/2/2009	MW-33S 3/12/2009 baseline 2	MW-33S 3/16/2010
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		NA	NA	NA	NA	NA	NA	5 U
1,2-Dibromoethane	--		NA	NA	NA	NA	NA	NA	5 U
1,2-Dichlorobenzene	3		NA	NA	NA	NA	NA	NA	5 U
1,2-Dichloroethane	0.6		5 U	5 U *	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		NA	NA	NA	NA	NA	NA	5 U
1,4-Dichlorobenzene	3		NA	NA	NA	NA	NA	NA	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	10 U	2.7 J	10 U	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U *	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	1 J	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		NA	NA	NA	NA	NA	NA	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		NA	NA	NA	NA	NA	NA	5 U
Dichlorodifluoromethane	5		NA	NA	NA	NA	NA	NA	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U *	5 U	5 U
Freon 113	--		NA	NA	NA	NA	NA	NA	5 U
Isopropylbenzene	5		NA	NA	NA	NA	NA	NA	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-33I 11/24/2008 baseline 1	MW-33I 2/11/2009	MW-33I 3/12/2009 baseline 2	MW-33S 11/24/2008 baseline 1	MW-33S 2/2/2009	MW-33S 3/12/2009 baseline 2	MW-33S 3/16/2010
Methyl acetate	--		NA	NA	NA	NA	NA	NA	5 U
Methylcyclohexane	--		NA	NA	NA	NA	NA	NA	5 U
Methylene chloride	5		5 U *	5 U	5 U	5 U	0.8 J B	5 U	5 U
MTBE	10		NA	NA	NA	NA	NA	NA	5 U
Styrene	5		5 U	5 U	5 U	5 U *	5 U *	5 U	5 U
Tetrachloroethene	5		5 U	5 U	5 U	5 U	5 U *	5 U	5 U
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		5 U	2.3 J	0.79 J	**5.9**	**8.7**	**8.7**	**8.9**
Trichlorofluoromethane	5		NA	NA	NA	NA	NA	NA	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

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NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-34I 11/24/2008 baseline 1	MW-34I 2/11/2009	MW-34I 3/11/2009 baseline 2	MW-34I 3/16/2010	MW-34I 10/13/2011 baseline 3	MW-34I 1/6/2012	MW-34I 3/2/2012
1,1,1-Trichloroethane	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
1,1,2,2-Tetrachloroethane	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
1,1,2-Trichloroethane	1		5 U	100 U	**1.9 J**	**1.4 J**	5 U	10 U	10 U
1,1-Dichloroethane	5		5 U	100 U	**5.2**	2.6 J	5 U	10 U	**5.4 J**
1,1-Dichloroethene	5		4.5 J	**53 J**	**58**	**42**	**8.9**	**21**	**20**
1,2,4-Trichlorobenzene	5		NA	NA	NA	5 U	NA	NA	10 U
1,2-Dibromoethane	--		NA	NA	NA	5 U	NA	NA	10 U
1,2-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA	10 U
1,2-Dichloroethane	0.6		5 U	100 U *	5 U	5 U	5 U	10 U	10 U
1,2-Dichloropropane	1		5 U	100 U	5 U	5 U	5 U	10 U	10 U
1,3-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA	10 U
1,4-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA	10 U
2-Butanone (MEK)	50		10 U	200 U	10 U	10 U	50 U	50 U	50 U
2-Hexanone	50		10 U	200 U	10 U	10 U	50 U	50 U	50 U
4-Methyl-2-pentanone	--		10 U	200 U	10 U	10 U	50 U	50 U	50 U
Acetone	50		10 U	200 U	2.3 J B	10 U	50 U	50 U	40 J
Benzene	1		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Bromodichloromethane	50		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Bromoform	50		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Bromomethane	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Carbon disulfide	60		5 U	100 U	5 U	5 U	5 U	10 U	1.6 J
Carbon tetrachloride	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Chlorobenzene	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Chloroethane	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Chloroform	7		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Chloromethane	--		5 U	100 U	5 U	5 U	5 U	10 U	10 U
cis-1,2-Dichloroethene	5		**24**	**180**	**230 J**	**170 J**	**75**	**120**	**96**
cis-1,3-Dichloropropene	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Cyclohexane	--		NA	NA	NA	5 U	NA	NA	10 U
Dibromochloromethane	50		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Dibromochloropropane	--		NA	NA	NA	5 U	NA	NA	10 U
Dichlorodifluoromethane	5		NA	NA	NA	5 U	NA	NA	10 U
Ethylbenzene	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Freon 113	--		NA	NA	NA	5 U	NA	NA	10 U
Isopropylbenzene	5		NA	NA	NA	5 U	NA	NA	10 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	MW-34I 11/24/2008 baseline 1	MW-34I 2/11/2009	MW-34I 3/11/2009 baseline 2	MW-34I 3/16/2010	MW-34I 10/13/2011 baseline 3	MW-34I 1/6/2012	MW-34I 3/2/2012
Methyl acetate	--		NA	NA	NA	5 U	NA	NA	20 U
Methylcyclohexane	--		NA	NA	NA	5 U	NA	NA	10 U
Methylene chloride	5		5 U	17 J	5 U	5 U	5 U	10 U	10 U
MTBE	10		NA	NA	NA	5 U	NA	NA	10 U
Styrene	5		5 U *	100 U	5 U *	5 U	5 U	10 U	10 U *
Tetrachloroethene	5		5 U	100 U	1.3 J	5 U	5 U	10 U	1.8 J
Toluene	5		5 U	100 U	5 U	5 U	5 U	10 U	10 U
trans-1,2-Dichloroethene	5		5 U	100 U	**6.7**	**5.3**	2.5 J	4.8 J	3 J
trans-1,3-Dichloropropene	--		5 U	100 U	5 U	5 U	5 U	10 U	10 U
Trichloroethene	5		**590**	**5700**	**7200**	**4600**	**1800**	**3200**	**2700**
Trichlorofluoromethane	5		NA	NA	NA	5 U	NA	NA	10 U
Vinyl chloride	2		**1.6 J**	**24 J**	**36**	**17**	**3.8 J**	**14**	**15**
Xylenes (total)	5		5 U	100 U	5 U	5 U	15 U	30 U	30 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-34I DUP 3/2/2012	MW-34I 3/30/2012	MW-34S 11/24/2008 baseline 1	MW-34S 2/2/2009	MW-34S 3/11/2009 baseline 2	MW-34S 3/16/2010	MW-35I 11/24/2008 baseline 1
1,1,1-Trichloroethane	5		10 U	0.28 J	5 U	5 U	5 U *	5 U	5 U
1,1,2,2-Tetrachloroethane	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		10 U	**1.2**	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		**5.3 J**	4.3	5 U	5 U	5 U	5 U	1.7 J
1,1-Dichloroethene	5		**19**	**21**	5 U	5 U	5 U	5 U	2.4 J
1,2,4-Trichlorobenzene	5		10 U	NA	NA	NA	NA	5 U	NA
1,2-Dibromoethane	--		10 U	NA	NA	NA	NA	5 U	NA
1,2-Dichlorobenzene	3		10 U	NA	NA	NA	NA	5 U	NA
1,2-Dichloroethane	0.6		10 U	1 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		10 U	1 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		10 U	NA	NA	NA	NA	5 U	NA
1,4-Dichlorobenzene	3		10 U	NA	NA	NA	NA	5 U	NA
2-Butanone (MEK)	50		50 U	5 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		50 U	5 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		50 U	5 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		50 U	5 U	10 U	2.3 J	1.2 J B	10 U	10 U
Benzene	1		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		10 U	0.26 J	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		10 U	1 U	5 U *	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		**87**	**130**	5 U	5 U	5 U	5 U	**9.5**
cis-1,3-Dichloropropene	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		10 U	NA	NA	NA	NA	5 U	NA
Dibromochloromethane	50		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		10 U	NA	NA	NA	NA	5 U	NA
Dichlorodifluoromethane	5		10 U	NA	NA	NA	NA	5 U	NA
Ethylbenzene	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		10 U	NA	NA	NA	NA	5 U	NA
Isopropylbenzene	5		10 U	NA	NA	NA	NA	5 U	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-34I DUP 3/2/2012	MW-34I 3/30/2012	MW-34S 11/24/2008 baseline 1	MW-34S 2/2/2009	MW-34S 3/11/2009 baseline 2	MW-34S 3/16/2010	MW-35I 11/24/2008 baseline 1
Methyl acetate	--		20 U	NA	NA	NA	NA	5 U	NA
Methylcyclohexane	--		10 U	NA	NA	NA	NA	5 U	NA
Methylene chloride	5		10 U	1 U	5 U *	0.95 J B	5 U	5 U	5 U
MTBE	10		10 U	NA	NA	NA	NA	5 U	NA
Styrene	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U *
Tetrachloroethene	5		2.3 J	1.4	5 U	5 U	5 U	5 U	1.5 J
Toluene	5		10 U	1 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		**5.6 J**	4.1	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		10 U	1 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**2500**	**3300 E**	5 U	5 U	5 U	5 U	**3600**
Trichlorofluoromethane	5		10 U	NA	NA	NA	NA	5 U	NA
Vinyl chloride	2		**13**	**17**	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		30 U	3 U	5 U	5 U	5 U	5 U	5 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-35I 2/11/2009	MW-35I 3/11/2009 baseline 2	MW-35I 3/16/2010	MW-35I 9/22/2010 baseline pilot	MW-35I 11/3/2010	MW-35I 11/17/2010	MW-35I 10/13/2011 baseline 3
1,1,1-Trichloroethane	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		20 U	**1.1 J**	**1.8 J**	5 U	**1.1 J**	0.92 J	0.99 J
1,1-Dichloroethane	5		20 U	1.7 J	2.3 J	1.3 J	1.3 J	1.2 J	1.3 J
1,1-Dichloroethene	5		20 U	3.5 J	1.8 J	**5.2**	2.4 J	2.2 J	2 J
1,2,4-Trichlorobenzene	5		NA	NA	5 U	5 U	5 U	5 U	NA
1,2-Dibromoethane	--		NA	NA	5 U	5 U	5 U	5 U	NA
1,2-Dichlorobenzene	3		NA	NA	5 U	5 U	5 U	5 U	NA
1,2-Dichloroethane	0.6		20 U *	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		20 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		NA	NA	5 U	5 U	5 U	5 U	NA
1,4-Dichlorobenzene	3		NA	NA	5 U	5 U	5 U	5 U	NA
2-Butanone (MEK)	50		40 U	10 U	10 U	10 U	10 U	10 U	50 U
2-Hexanone	50		40 U	10 U	10 U	10 U	10 U	10 U	50 U
4-Methyl-2-pentanone	--		40 U	10 U	10 U *	10 U	10 U	10 U	50 U
Acetone	50		40 U	10 U	10 U	10 U	10 U	10 U	50 U
Benzene	1		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		20 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		**10 J**	**12**	**11**	**5.8**	**8.1**	**8.9**	**7.2**
cis-1,3-Dichloropropene	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		NA	NA	5 U	5 U	5 U	5 U	NA
Dibromochloromethane	50		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		NA	NA	5 U	5 U	5 U	5 U	NA
Dichlorodifluoromethane	5		NA	NA	5 U	5 U *	5 U	5 U	NA
Ethylbenzene	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		NA	NA	5 U	5 U	5 U	5 U	NA
Isopropylbenzene	5		NA	NA	5 U	5 U	5 U	5 U	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	MW-35I 2/11/2009	MW-35I 3/11/2009 baseline 2	MW-35I 3/16/2010	MW-35I 9/22/2010 baseline pilot	MW-35I 11/3/2010	MW-35I 11/17/2010	MW-35I 10/13/2011 baseline 3
Methyl acetate	--		NA	NA	5 U	5 U *	5 U	5 U	NA
Methylcyclohexane	--		NA	NA	5 U	5 U	5 U	5 U	NA
Methylene chloride	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
MTBE	10		NA	NA	2.2 J	1.8 J	1 J	1.1 J	NA
Styrene	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		20 U	1.5 J	1.1 J	5 U	5 U	5 U	5 U
Toluene	5		20 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		20 U	5 U	**1 J**	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		20 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**2900**	**3700**	**3800**	**1500**	**2600**	**2000**	**2200**
Trichlorofluoromethane	5		NA	NA	5 U	5 U	5 U	5 U	NA
Vinyl chloride	2		20 U	**1.8 J**	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		20 U	5 U	5 U	5 U	5 U	5 U	15 U

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- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-35I 3/2/2012	MW-35I 3/30/2012	MW-35I 9/21/2012	MW-35S 11/24/2008 baseline 1	MW-35S 2/2/2009	MW-35S DUP 2/2/2009	MW-35S 3/11/2009 baseline 2
1,1,1-Trichloroethane	5		10 U	0.41 J	1.3	5 U	5 U	5 U	5 U *
1,1,2,2-Tetrachloroethane	5		10 U	2 U	1 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		10 U	0.91 J	1 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		1.3 J	1.2 J	0.35 J	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		10 U	1.7 J	1.3	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		10 U	NA	1 U	NA	NA	NA	NA
1,2-Dibromoethane	--		10 U	NA	1 U	NA	NA	NA	NA
1,2-Dichlorobenzene	3		10 U	NA	1 U	NA	NA	NA	NA
1,2-Dichloroethane	0.6		10 U	2 U	1 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		10 U	2 U	1 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		10 U	NA	1 U	NA	NA	NA	NA
1,4-Dichlorobenzene	3		10 U	NA	1 U	NA	NA	NA	NA
2-Butanone (MEK)	50		50 U	10 U	5 U	10 U	4.2 J	4.1 J	10 U
2-Hexanone	50		50 U	10 U	5 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		50 U	10 U	5 U	10 U	10 U	10 U	10 U
Acetone	50		50 U	10 U	5 U	10 U	16	15 B	10 U
Benzene	1		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Bromoform	50		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Bromomethane	5		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Chloroethane	5		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Chloroform	7		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Chloromethane	--		10 U	2 U	1 U	5 U *	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		**11**	**8.8**	**21**	4.4 J	1.9 J	1.8 J	**6.7**
cis-1,3-Dichloropropene	5		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Cyclohexane	--		10 U	NA	1 U	NA	NA	NA	NA
Dibromochloromethane	50		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		10 U	NA	1 U	NA	NA	NA	NA
Dichlorodifluoromethane	5		10 U	NA	1 U	NA	NA	NA	NA
Ethylbenzene	5		10 U	2 U	1 U	5 U	5 U *	5 U	5 U
Freon 113	--		10 U	NA	1 U	NA	NA	NA	NA
Isopropylbenzene	5		10 U	NA	1 U	NA	NA	NA	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	MW-35I 3/2/2012	MW-35I 3/30/2012	MW-35I 9/21/2012	MW-35S 11/24/2008 baseline 1	MW-35S 2/2/2009	MW-35S DUP 2/2/2009	MW-35S 3/11/2009 baseline 2
Methyl acetate	--		20 U	NA	2 U	NA	NA	NA	NA
Methylcyclohexane	--		10 U	NA	1 U	NA	NA	NA	NA
Methylene chloride	5		10 U	2 U	1 U	5 U *	5 U	0.82 J B	5 U
MTBE	10		10 U	NA	0.3 J	NA	NA	NA	NA
Styrene	5		10 U	2 U	1 U	5 U	5 U *	5 U *	5 U
Tetrachloroethene	5		2.2 J	1.5 J	3.3	5 U	5 U *	5 U	5 U
Toluene	5		10 U	2 U	1 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		10 U	0.71 J	0.65 J	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		10 U	2 U	1 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**2100**	**2600**	**410**	**41**	**24**	**25**	**85**
Trichlorofluoromethane	5		10 U	NA	1 U	NA	NA	NA	NA
Vinyl chloride	2		10 U	0.36 J	0.4 J	5 U	5 U	5 U	5 U
Xylenes (total)	5		30 U	6 U	3 U	5 U	5 U	5 U	5 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:**	MW-35S	OW-1	OW-1	OW-1	OW-2	OW-2	OW-2
		Sample Date:	3/16/2010	9/22/2010 baseline pilot	11/3/2010	11/17/2010	9/22/2010 baseline pilot	11/3/2010	11/17/2010
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	3		5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		4.1 J	**20**	**21**	**25**	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5		5 U	5 U *	5 U	5 U	5 U *	5 U	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:**	MW-35S	OW-1	OW-1	OW-1	OW-2	OW-2	OW-2
		Sample Date:	3/16/2010	9/22/2010 baseline pilot	11/3/2010	11/17/2010	9/22/2010 baseline pilot	11/3/2010	11/17/2010
Methyl acetate	--		5 U	5 U *	5 U	5 U	5 U *	5 U	5 U
Methylcyclohexane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
MTBE	10		5 U	5 U	5 U	0.33 J	2.8 J	5 U	5 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**48**	**240**	**160**	**220**	**54**	**11**	**7.9**
Trichlorofluoromethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-3 11/24/2008 baseline 1	OW-3 2/11/2009	OW-3 2/11/2009	OW-3 3/12/2009 baseline 2	OW-3 6/9/2009	OW-3 3/16/2010	OW-4 11/24/2008 baseline 1
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		1.9 J	5 U	5 U	5 U	5 U	5 U	**22**
1,2,4-Trichlorobenzene	5		NA	NA	NA	NA	NA	5 U	NA
1,2-Dibromoethane	--		NA	NA	NA	NA	NA	5 U	NA
1,2-Dichlorobenzene	3		NA	NA	NA	NA	NA	5 U	NA
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		NA	NA	NA	NA	NA	5 U	NA
1,4-Dichlorobenzene	3		NA	NA	NA	NA	NA	5 U	NA
2-Butanone (MEK)	50		10 U	3.7 J *	1.9 J	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	9.2 J	3 J *	10 U	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	0.85 J	0.98 J	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U *	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		**5.7**	5 U	5 U	5 U	1.7 J	2.1 J	**360 J**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		NA	NA	NA	NA	NA	5 U	NA
Dibromochloromethane	50		5 U	**0.64 J**	**0.81 J**	5 U	5 U	5 U	5 U
Dibromochloropropane	--		NA	NA	NA	NA	NA	5 U	NA
Dichlorodifluoromethane	5		NA	NA	NA	NA	NA	5 U	NA
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		NA	NA	NA	NA	NA	5 U	NA
Isopropylbenzene	5		NA	NA	NA	NA	NA	5 U	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-3 11/24/2008 baseline 1	OW-3 2/11/2009	OW-3 2/11/2009	OW-3 3/12/2009 baseline 2	OW-3 6/9/2009	OW-3 3/16/2010	OW-4 11/24/2008 baseline 1
Methyl acetate	--		NA	NA	NA	NA	NA	5 U	NA
Methylcyclohexane	--		NA	NA	NA	NA	NA	5 U	NA
Methylene chloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
MTBE	10		NA	NA	NA	NA	NA	5 U	NA
Styrene	5		5 U *	5 U	5 U *	5 U	5 U	5 U	5 U *
Tetrachloroethene	5		5 U	1.3 J	5 U	5 U	5 U	5 U	1.2 J
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	**6.2**
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**110**	**8.4**	**7.5**	**28**	**57**	**49**	**7400**
Trichlorofluoromethane	5		NA	NA	NA	NA	NA	5 U	NA
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	**21**
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-4 11/24/2008	OW-4 2/2/2009	OW-4 3/11/2009 baseline 2	OW-4 6/9/2009	OW-4 3/16/2010	OW-4 DUP 3/16/2010	OW-4 10/13/2011 baseline 3
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
1,1,2-Trichloroethane	1		5 U	5 U	**1.4 J**	**1.5 J**	5 U	5 U	2 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
1,1-Dichloroethene	5		**21**	4.1 J	**25**	**39**	**5.4**	**5.7**	4.8
1,2,4-Trichlorobenzene	5		NA	NA	NA	NA	5 U	5 U	NA
1,2-Dibromoethane	--		NA	NA	NA	NA	5 U	5 U	NA
1,2-Dichlorobenzene	3		NA	NA	NA	NA	5 U	5 U	NA
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	2 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	2 U
1,3-Dichlorobenzene	3		NA	NA	NA	NA	5 U	5 U	NA
1,4-Dichlorobenzene	3		NA	NA	NA	NA	5 U	5 U	NA
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	20 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	20 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U *	10 U	20 U
Acetone	50		10 U	1.9 J	10 U	10 U	10 U	10 U	20 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	2 U
cis-1,2-Dichloroethene	5		**320 J**	**97**	**280 J**	**200 J**	**97**	**98**	**81**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Cyclohexane	--		NA	NA	NA	NA	5 U	5 U	NA
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Dibromochloropropane	--		NA	NA	NA	NA	5 U	5 U	NA
Dichlorodifluoromethane	5		NA	NA	NA	NA	5 U	5 U	NA
Ethylbenzene	5		5 U	5 U *	5 U	5 U	5 U	5 U	2 U
Freon 113	--		NA	NA	NA	NA	5 U	5 U	NA
Isopropylbenzene	5		NA	NA	NA	NA	5 U	5 U	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-4 11/24/2008	OW-4 2/2/2009	OW-4 3/11/2009 baseline 2	OW-4 6/9/2009	OW-4 3/16/2010	OW-4 DUP 3/16/2010	OW-4 10/13/2011 baseline 3
Methyl acetate	--		NA	NA	NA	NA	5 U	5 U	NA
Methylcyclohexane	--		NA	NA	NA	NA	5 U	5 U	NA
Methylene chloride	5		5 U	0.79 J B	5 U	5 U	5 U	5 U	2 U
MTBE	10		NA	NA	NA	NA	1.8 J	1.8 J	NA
Styrene	5		5 U *	5 U *	5 U	5 U	5 U	5 U	2 U
Tetrachloroethene	5		1.2 J	5 U *	1.1 J	5 U	5 U	5 U	0.57 J
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	2 U
trans-1,2-Dichloroethene	5		**5.8**	1.9 J	**10**	**10**	3.6 J	3.6 J	2.8
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	2 U
Trichloroethene	5		**6700**	**1600**	**7900**	**8900**	**2500**	**2600**	**960**
Trichlorofluoromethane	5		NA	NA	NA	NA	5 U	5 U	NA
Vinyl chloride	2		**18**	**6.4**	**18**	**17**	**4.7 J**	**5.1**	**4.7**
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	6 U

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DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-4 DUP 10/13/2011	OW-4 1/6/2012	OW-4 DUP 1/6/2012	OW-4 3/2/2012	OW-4 3/30/2012	OW-4 DUP 3/30/2012	OW-4 9/21/2012
1,1,1-Trichloroethane	5		5 U	10 U	10 U	5 U	0.21 J	0.17 J	5 U
1,1,2,2-Tetrachloroethane	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
1,1,2-Trichloroethane	1		5 U	10 U	10 U	5 U	0.25 J	0.27 J	5 U
1,1-Dichloroethane	5		5 U	10 U	10 U	5 U	0.14 J	0.19 J	5 U
1,1-Dichloroethene	5		4.2 J	**7.8 J**	**7.1 J**	5	**6.6**	**6.5**	**6.3**
1,2,4-Trichlorobenzene	5		NA	NA	NA	5 U	NA	NA	5 U
1,2-Dibromoethane	--		NA	NA	NA	5 U	NA	NA	5 U
1,2-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA	5 U
1,2-Dichloroethane	0.6		5 U	10 U	10 U	5 U	1 U	1 U	5 U
1,2-Dichloropropane	1		5 U	10 U	10 U	5 U	1 U	1 U	5 U
1,3-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA	5 U
1,4-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA	5 U
2-Butanone (MEK)	50		50 U	50 U	50 U	25 U	5 U	5 U	25 U
2-Hexanone	50		50 U	50 U	50 U	25 U	5 U	5 U	25 U
4-Methyl-2-pentanone	--		50 U	50 U	50 U	25 U	5 U	5 U	25 U
Acetone	50		50 U	50 U	50 U	25 U	5 U	5 U	25 U
Benzene	1		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Bromodichloromethane	50		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Bromoform	50		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Bromomethane	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Carbon disulfide	60		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Carbon tetrachloride	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Chlorobenzene	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Chloroethane	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Chloroform	7		5 U	10 U	10 U	5 U	0.2 J	0.16 J	5 U
Chloromethane	--		5 U	10 U	10 U	5 U	1 U	1 U	5 U
cis-1,2-Dichloroethene	5		**76**	**190**	**180**	**120**	**140**	**140**	**140**
cis-1,3-Dichloropropene	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Cyclohexane	--		NA	NA	NA	5 U	NA	NA	5 U
Dibromochloromethane	50		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Dibromochloropropane	--		NA	NA	NA	5 U	NA	NA	5 U
Dichlorodifluoromethane	5		NA	NA	NA	5 U	NA	NA	5 U
Ethylbenzene	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Freon 113	--		NA	NA	NA	5 U	NA	NA	5 U
Isopropylbenzene	5		NA	NA	NA	5 U	NA	NA	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-4 DUP 10/13/2011	OW-4 1/6/2012	OW-4 DUP 1/6/2012	OW-4 3/2/2012	OW-4 3/30/2012	OW-4 DUP 3/30/2012	OW-4 9/21/2012
Methyl acetate	--		NA	NA	NA	10 U	NA	NA	10 U
Methylcyclohexane	--		NA	NA	NA	5 U	NA	NA	5 U
Methylene chloride	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
MTBE	10		NA	NA	NA	5 U	NA	NA	5 U
Styrene	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Tetrachloroethene	5		5 U	10 U	10 U	0.59 J	0.62 J	0.63 J	5 U
Toluene	5		5 U	10 U	10 U	5 U	1 U	1 U	5 U
trans-1,2-Dichloroethene	5		2.9 J	**6.8 J**	4.8 J	4.8 J	4.9	4.9	3.7 J
trans-1,3-Dichloropropene	--		5 U	10 U	10 U	5 U	1 U	1 U	5 U
Trichloroethene	5		**850**	**2700**	**2700**	**1600**	**1800 E**	**1800 E**	**2100**
Trichlorofluoromethane	5		NA	NA	NA	5 U	NA	NA	5 U
Vinyl chloride	2		5 U	**3.9 J**	**4 J**	5 U	0.54 J	0.55 J	**2.2 J**
Xylenes (total)	5		15 U	30 U	30 U	15 U	3 U	3 U	15 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	OW-4 DUP 9/21/2012	OW-5 11/24/2008 baseline 1	OW-5 2/11/2009	OW-5 3/11/2009 baseline 2	OW-5 6/9/2009	OW-5 3/16/2010	OW-5 10/13/2011 baseline 3
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	1 U
1,1-Dichloroethane	5		5 U	5 U	5 U	1.4 J	5 U	5 U	0.29 J
1,1-Dichloroethene	5		**6.3**	1.8 J	**17**	**37**	5 U	4.6 J	1.4
1,2,4-Trichlorobenzene	5		5 U	NA	NA	NA	NA	5 U	NA
1,2-Dibromoethane	--		5 U	NA	NA	NA	NA	5 U	NA
1,2-Dichlorobenzene	3		5 U	NA	NA	NA	NA	5 U	NA
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	1 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	1 U
1,3-Dichlorobenzene	3		5 U	NA	NA	NA	NA	5 U	NA
1,4-Dichlorobenzene	3		5 U	NA	NA	NA	NA	5 U	NA
2-Butanone (MEK)	50		25 U	10 U	10 U *	10 U	10 U	10 U	10 U
2-Hexanone	50		25 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		25 U	10 U	10 U	10 U	10 U	10 U *	10 U
Acetone	50		25 U	10 U	10 U	10 U	3 J *	10 U	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	1.1 J	5 U	1 U
Bromoform	50		5 U	5 U	5 U	5 U	3.2 J	5 U	1 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Chloroform	7		5 U	5 U	5 U	5 U	**1 J**	5 U	1 U
Chloromethane	--		5 U	5 U	5 U *	5 U	5 U	5 U	1 U
cis-1,2-Dichloroethene	5		**150**	**5.2**	**48**	**100**	**1.9 J**	**26**	**7**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Cyclohexane	--		5 U	NA	NA	NA	NA	5 U	NA
Dibromochloromethane	50		5 U	5 U	5 U	5 U	**2 J**	5 U	1 U
Dibromochloropropane	--		5 U	NA	NA	NA	NA	5 U	NA
Dichlorodifluoromethane	5		5 U	NA	NA	NA	NA	5 U	NA
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Freon 113	--		5 U	NA	NA	NA	NA	5 U	NA
Isopropylbenzene	5		5 U	NA	NA	NA	NA	5 U	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	OW-4 DUP 9/21/2012	OW-5 11/24/2008 baseline 1	OW-5 2/11/2009	OW-5 3/11/2009 baseline 2	OW-5 6/9/2009	OW-5 3/16/2010	OW-5 10/13/2011 baseline 3
Methyl acetate	--		10 U	NA	NA	NA	NA	5 U	NA
Methylcyclohexane	--		5 U	NA	NA	NA	NA	5 U	NA
Methylene chloride	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
MTBE	10		5 U	NA	NA	NA	NA	5 U	NA
Styrene	5		5 U	5 U *	5 U *	5 U	5 U	5 U	1 U
Tetrachloroethene	5		5 U	5 U	1.1 J	1.9 J	5 U	5 U	0.49 J
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	1 U
trans-1,2-Dichloroethene	5		4 J	5 U	0.85 J	3.3 J	5 U	5 U	0.44 J
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	1 U
Trichloroethene	5		**2300**	**98**	**1100**	**2400**	**66**	**770**	**170**
Trichlorofluoromethane	5		5 U	NA	NA	NA	NA	5 U	NA
Vinyl chloride	2		**2.1 J**	**1 J**	**11**	**31**	5 U	**1.4 J**	1 U
Xylenes (total)	5		15 U	5 U	5 U	5 U	5 U	5 U	3 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-5 3/2/2012	OW-5 3/30/2012	OW-6 11/24/2008 baseline 1	OW-6 2/11/2009	OW-6 3/11/2009 baseline 2	OW-6 6/9/2009	OW-6 3/16/2010	OW-6 9/22/2010 baseline pilot
1,1,1-Trichloroethane	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		1 U	0.23 J	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		1.5	1.2	1.6 J	4.9 J	**5.8**	**6.4**	**6.8**	5 U
1,2,4-Trichlorobenzene	5		1 U	NA	NA	NA	NA	NA	5 U	5 U
1,2-Dibromoethane	--		1 U	NA	NA	NA	NA	NA	5 U	5 U
1,2-Dichlorobenzene	3		1 U	NA	NA	NA	NA	NA	5 U	5 U
1,2-Dichloroethane	0.6		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		1 U	NA	NA	NA	NA	NA	5 U	5 U
1,4-Dichlorobenzene	3		0.27 J	NA	NA	NA	NA	NA	5 U	5 U
2-Butanone (MEK)	50		5 U	5 U	10 U	10 U *	10 U	10 U	10 U	10 U
2-Hexanone	50		5 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		5 U	5 U	10 U	10 U	10 U	10 U	10 U *	10 U
Acetone	50		12	5 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		0.17 J	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		0.48 J	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		0.12 J	0.1 J	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		1 U	1 U	5 U	5 U *	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		**8.6**	**7.6**	**14**	**33**	**37**	**42**	**83**	**13**
cis-1,3-Dichloropropene	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		1 U	NA	NA	NA	NA	NA	5 U	5 U
Dibromochloromethane	50		0.43 J	0.22 J	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		1 U	NA	NA	NA	NA	NA	5 U	5 U
Dichlorodifluoromethane	5		1 U	NA	NA	NA	NA	NA	5 U	5 U *
Ethylbenzene	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		1 U	NA	NA	NA	NA	NA	5 U	5 U
Isopropylbenzene	5		1 U	NA	NA	NA	NA	NA	5 U	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-5 3/2/2012	OW-5 3/30/2012	OW-6 11/24/2008 baseline 1	OW-6 2/11/2009	OW-6 3/11/2009 baseline 2	OW-6 6/9/2009	OW-6 3/16/2010	OW-6 9/22/2010 baseline pilot
Methyl acetate	--		2 U	NA	NA	NA	NA	NA	5 U	5 U *
Methylcyclohexane	--		1 U	NA	NA	NA	NA	NA	5 U	5 U
Methylene chloride	5		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
MTBE	10		1 U	NA	NA	NA	NA	NA	5 U	5 U
Styrene	5		1 U *	1 U	5 U *	5 U *	5 U	5 U	5 U	5 U
Tetrachloroethene	5		0.3 J	0.21 J	5 U	1 J	0.96 J	1.1 J	5 U	5 U
Toluene	5		0.28 J	0.18 J	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		0.38 J	0.28 J	5 U	5 U	0.78 J	0.97 J	1.7 J	5 U
trans-1,3-Dichloropropene	--		1 U	1 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**180**	**160**	**290**	**1000**	**1000**	**800**	**970**	**140**
Trichlorofluoromethane	5		1 U	NA	NA	NA	NA	NA	5 U	5 U
Vinyl chloride	2		0.83 J	0.58 J	5 U	**2.2 J**	**2 J**	**3.5 J**	**1.1 J**	5 U
Xylenes (total)	5		3 U	3 U	5 U	5 U	5 U	5 U	5 U	5 U

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Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	OW-6 11/3/2010	OW-6 11/17/2010	OW-7 11/24/2008 baseline 1	OW-7 2/11/2009	OW-7 3/11/2009 baseline 2	OW-7 DUP 3/11/2009	OW-7 6/9/2009
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		5 U	5 U	NA	NA	NA	NA	NA
1,2-Dibromoethane	--		5 U	5 U	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	3		5 U	5 U	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		5 U	5 U	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3		5 U	5 U	NA	NA	NA	NA	NA
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U *	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		5.1 J	5.2 J	10 U	10 U	1 J B	10 U	10 U *
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U *	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		1.8 J	1.4 J	**12**	**120**	**33**	**39**	**16**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		5 U	5 U	NA	NA	NA	NA	NA
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		5 U	5 U	NA	NA	NA	NA	NA
Dichlorodifluoromethane	5		5 U	5 U	NA	NA	NA	NA	NA
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		5 U	5 U	NA	NA	NA	NA	NA
Isopropylbenzene	5		5 U	5 U	NA	NA	NA	NA	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-6 11/3/2010	OW-6 11/17/2010	OW-7 11/24/2008 baseline 1	OW-7 2/11/2009	OW-7 3/11/2009 baseline 2	OW-7 DUP 3/11/2009	OW-7 6/9/2009
Methyl acetate	--		5 U	5 U	NA	NA	NA	NA	NA
Methylcyclohexane	--		5 U	5 U	NA	NA	NA	NA	NA
Methylene chloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
MTBE	10		5 U	5 U	NA	NA	NA	NA	NA
Styrene	5		5 U	5 U	5 U *	5 U *	5 U *	5 U *	5 U
Tetrachloroethene	5		5 U	5 U	5 U	0.88 J	5 U	5 U	5 U
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U *	5 U	5 U	1.7 J	5 U	5 U	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**22**	**18**	**10**	**110**	**39**	**45**	**16**
Trichlorofluoromethane	5		5 U	5 U	NA	NA	NA	NA	NA
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U

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NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-7 3/16/2010	OW-8 4/28/2009 baseline 2	OW-8 DUP 4/28/2009	OW-8 6/9/2009	OW-8 3/16/2010	OW-9 4/28/2009 baseline 2	OW-9 6/9/2009	OW-9 3/16/2010
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	1.1 J	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5		5 U	NA	NA	NA	5 U	NA	NA	5 U
1,2-Dibromoethane	--		5 U	NA	NA	NA	5 U	NA	NA	5 U
1,2-Dichlorobenzene	3		5 U	NA	NA	NA	5 U	NA	NA	5 U
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	3		5 U	NA	NA	NA	5 U	NA	NA	5 U
1,4-Dichlorobenzene	3		5 U	NA	NA	NA	5 U	NA	NA	5 U
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50		10 U	10 U	10 U	10 U	10 U	10 U	8.5 J	10 U
Benzene	1		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U *	5 U
Chloroform	7		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5		**26**	**10**	**11**	**8.3**	**17**	**86**	**87**	**12**
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyclohexane	--		5 U	NA	NA	NA	5 U	NA	NA	5 U
Dibromochloromethane	50		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloropropane	--		5 U	NA	NA	NA	5 U	NA	NA	5 U
Dichlorodifluoromethane	5		5 U	NA	NA	NA	5 U	NA	NA	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Freon 113	--		5 U	NA	NA	NA	5 U	NA	NA	5 U
Isopropylbenzene	5		5 U	NA	NA	NA	5 U	NA	NA	5 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	OW-7 3/16/2010	OW-8 4/28/2009 baseline 2	OW-8 DUP 4/28/2009	OW-8 6/9/2009	OW-8 3/16/2010	OW-9 4/28/2009 baseline 2	OW-9 6/9/2009	OW-9 3/16/2010
Methyl acetate	--		5 U	NA	NA	NA	5 U	NA	NA	5 U
Methylcyclohexane	--		5 U	NA	NA	NA	5 U	NA	NA	5 U
Methylene chloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
MTBE	10		5 U	NA	NA	NA	5 U	NA	NA	5 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5		5 U	1.9 J	1.8 J	2 J	3.2 J	5 U	1.1 J	5 U
Toluene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	0.94 J	1.4 J	5 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		**18**	**160**	**170**	**98**	**140**	**20**	**23**	1.8 J
Trichlorofluoromethane	5		5 U	NA	NA	NA	5 U	NA	NA	5 U
Vinyl chloride	2		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
* - Laboratory Control Sample (LCS) or Laboratory Control Sample Dupl
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	FB-122308 12/23/2008 Field Blank	FB-020209 2/2/2009 Field Blank	FB-042809 4/28/2009 Field Blank	FB-031610 3/16/2010 Field Blank	FB-101311 10/13/2011 Field Blank	FB-010612 1/6/2012 Field Blank
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	1 U	1 U
1,1,2-Trichloroethane	1		5 U	5 U	5 U	5 U	1 U	1 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	1 U	1 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	1 U	1 U
1,2,4-Trichlorobenzene	5		NA	NA	NA	5 U	NA	NA
1,2-Dibromoethane	--		NA	NA	NA	5 U	NA	NA
1,2-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA
1,2-Dichloroethane	0.6		5 U	5 U	5 U	5 U	1 U	1 U
1,2-Dichloropropane	1		5 U	5 U	5 U	5 U	1 U	1 U
1,3-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA
1,4-Dichlorobenzene	3		NA	NA	NA	5 U	NA	NA
2-Butanone (MEK)	50		10 U	10 U	10 U	10 U	10 U	5 U
2-Hexanone	50		10 U	10 U	10 U	10 U	10 U	5 U
4-Methyl-2-pentanone	--		10 U	10 U	10 U	10 U	10 U	5 U
Acetone	50		10 U	1.9 J B	10 U	10 U	10 U	5 U
Benzene	1		5 U	5 U	5 U	5 U	1 U	1 U
Bromodichloromethane	50		5 U	5 U	5 U	5 U	1 U	1 U
Bromoform	50		5 U	5 U	5 U	5 U	1 U	1 U
Bromomethane	5		5 U	5 U	5 U	5 U	1 U	1 U
Carbon disulfide	60		5 U	5 U	5 U	5 U	1 U	1 U
Carbon tetrachloride	5		5 U	5 U	5 U	5 U	1 U	1 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	1 U	1 U
Chloroethane	5		5 U	5 U	5 U	5 U	1 U	1 U
Chloroform	7		5 U	5 U	2.9 J	5 U	1 U	0.2 J
Chloromethane	--		5 U	5 U	5 U	5 U	1 U	1 U
cis-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	1 U	1 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	1 U	1 U
Cyclohexane	--		NA	NA	NA	5 U	NA	NA
Dibromochloromethane	50		5 U	5 U	5 U	5 U	1 U	1 U
Dibromochloropropane	--		NA	NA	NA	5 U	NA	NA
Dichlorodifluoromethane	5		NA	NA	NA	5 U	NA	NA
Ethylbenzene	5		5 U	5 U	5 U	5 U	1 U	1 U
Freon 113	--		NA	NA	NA	5 U	NA	NA
Isopropylbenzene	5		NA	NA	NA	5 U	NA	NA

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** / **Sample Date:**	FB-122308 12/23/2008 Field Blank	FB-020209 2/2/2009 Field Blank	FB-042809 4/28/2009 Field Blank	FB-031610 3/16/2010 Field Blank	FB-101311 10/13/2011 Field Blank	FB-010612 1/6/2012 Field Blank
Methyl acetate	--		NA	NA	NA	5 U	NA	NA
Methylcyclohexane	--		NA	NA	NA	5 U	NA	NA
Methylene chloride	5		5 U	0.83 J B	5 U	5 U	1 U	2.5
MTBE	10		NA	NA	NA	5 U	NA	NA
Styrene	5		5 U	5 U *	5 U	5 U	1 U	1 U
Tetrachloroethene	5		5 U	5 U	5 U	5 U	1 U	1 U
Toluene	5		5 U	5 U	5 U	5 U	1 U	1 U
trans-1,2-Dichloroethene	5		5 U	5 U	5 U	5 U	1 U	1 U
trans-1,3-Dichloropropene	--		5 U	5 U	5 U	5 U	1 U	1 U
Trichloroethene	5		5 U	5 U	5 U	5 U	1 U	1 U
Trichlorofluoromethane	5		NA	NA	NA	5 U	NA	NA
Vinyl chloride	2		5 U	5 U	5 U	5 U	1 U	1 U
Xylenes (total)	5		5 U	5 U	5 U	5 U	3 U	3 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
* - Laboratory Control Sample (LCS) or Laboratory Control Sample Dupl
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	FB-030212 3/2/2012 Field Blank	FB-033012 3/30/2012 Field Blank	FB-092112 9/21/2012 Field Blank	Trip Blank 10/13/2011	Trip Blank 1/6/2012	Trip Blank 3/2/2012
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5		1 U	NA	1 U	NA	NA	1 U
1,2-Dibromoethane	--		1 U	NA	1 U	NA	NA	1 U
1,2-Dichlorobenzene	3		1 U	NA	1 U	NA	NA	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3		1 U	NA	1 U	NA	NA	1 U
1,4-Dichlorobenzene	3		1 U	NA	1 U	NA	NA	1 U
2-Butanone (MEK)	50		5 U	5 U	5 U	10 U	5 U	5 U
2-Hexanone	50		5 U	5 U	5 U	10 U	5 U	5 U
4-Methyl-2-pentanone	--		5 U	5 U	5 U	10 U	5 U	5 U
Acetone	50		5 U	5 U	5 U	10 U	5 U	5 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		1 U	0.22 J	0.2 J	1 U	1 U	1 U
Chloromethane	--		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	--		1 U	NA	1 U	NA	NA	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloropropane	--		1 U	NA	1 U	NA	NA	1 U
Dichlorodifluoromethane	5		1 U	NA	1 U	NA	NA	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	--		1 U	NA	1 U	NA	NA	1 U
Isopropylbenzene	5		1 U	NA	1 U	NA	NA	1 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	FB-030212 3/2/2012 Field Blank	FB-033012 3/30/2012 Field Blank	FB-092112 9/21/2012 Field Blank	Trip Blank 10/13/2011	Trip Blank 1/6/2012	Trip Blank 3/2/2012
Methyl acetate	--		2 U	NA	2 U	NA	NA	2 U
Methylcyclohexane	--		1 U	NA	1 U	NA	NA	1 U
Methylene chloride	5		2.1	2.1	1.8	1 U	1 U	2
MTBE	10		1 U	NA	1 U	NA	NA	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Toluene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	--		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5		1 U	NA	1 U	NA	NA	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	5		3 U	3 U	3 U	3 U	3 U	3 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
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DUP - Duplicate
- - No NYSDEC AWQSGV available
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NA - Compound was not analyzed by laboratory

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	Trip Blank 3/30/2012	Trip Blank 9/21/2012
1,1,1-Trichloroethane	5		1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U
1,1-Dichloroethane	5		1 U	1 U
1,1-Dichloroethene	5		1 U	1 U
1,2,4-Trichlorobenzene	5		NA	1 U
1,2-Dibromoethane	--		NA	1 U
1,2-Dichlorobenzene	3		NA	1 U
1,2-Dichloroethane	0.6		1 U	1 U
1,2-Dichloropropane	1		1 U	1 U
1,3-Dichlorobenzene	3		NA	1 U
1,4-Dichlorobenzene	3		NA	1 U
2-Butanone (MEK)	50		5 U	5 U
2-Hexanone	50		5 U	5 U
4-Methyl-2-pentanone	--		5 U	5 U
Acetone	50		5 U	5 U
Benzene	1		1 U	1 U
Bromodichloromethane	50		1 U	1 U
Bromoform	50		1 U	1 U
Bromomethane	5		1 U	1 U
Carbon disulfide	60		1 U	1 U
Carbon tetrachloride	5		1 U	1 U
Chlorobenzene	5		1 U	1 U
Chloroethane	5		1 U	1 U
Chloroform	7		0.25 J	0.17 J
Chloromethane	--		1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U
cis-1,3-Dichloropropene	5		1 U	1 U
Cyclohexane	--		NA	1 U
Dibromochloromethane	50		1 U	1 U
Dibromochloropropane	--		NA	1 U
Dichlorodifluoromethane	5		NA	1 U
Ethylbenzene	5		1 U	1 U
Freon 113	--		NA	1 U
Isopropylbenzene	5		NA	1 U

Table 1. Summary of Volatile Organic Compounds in Groundwater, MBA-Manorhaven, Manorhaven, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:**	Trip Blank 3/30/2012	Trip Blank 9/21/2012
Methyl acetate	--		NA	2 U
Methylcyclohexane	--		NA	1 U
Methylene chloride	5		2.3	1.9
MTBE	10		NA	1 U
Styrene	5		1 U	1 U
Tetrachloroethene	5		1 U	1 U
Toluene	5		1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U
trans-1,3-Dichloropropene	--		1 U	1 U
Trichloroethene	5		1 U	1 U
Trichlorofluoromethane	5		NA	1 U
Vinyl chloride	2		1 U	1 U
Xylenes (total)	5		3 U	3 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
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DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs
NA - Compound was not analyzed by laboratory

FIGURE

QUADRANGLE LOCATION

N

0 2000'

SOURCE:
USGS; 1979. Hicksville, New York
7.5 Minute Topographic Quadrangle

Title:

SITE LOCATION MAP

FORMER THYPIN STEEL FACILITY
MANORHAVEN, NEW YORK

Prepared for:

MBA-MANORHAVEN, LLC
PRINCETON, NEW JERSEY

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: J.W.	Date: 17AUG11	FIGURE
Prepared by: C.P.	Scale: 1:25000	1
Project Mgr.: C.P.	Office: NY	
File No.: MBA0129404.CDR	Project No.: 77101Y	

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APPENDIX

APPENDIX A

Laboratory Analytical Reports

(Provided on CD in Bound Report)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-7337-1

SDG Number: 220-7337-1

Job Description: 0771.0001Y000 MBA-Thypin/Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Chris Proce

Approved for release.
Jill M Duhancik
Project Manager I
12/5/2008 11:19 AM

Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
12/05/2008

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

Job Narrative
220-J7337-1

Comments
No additional comments.

Receipt
The following sample(s) was received with insufficient preservation: MW-34s, plastic 250ml nitric acid bottle. The pH was adjusted prior to preparation.

The following samples were received at the laboratory outside the required temperature criteria: FIELD BLANK-120108 (220-7337-18), MW-24 (220-7337-17). The client was contacted regarding this issue, and the laboratory was instructed to proceed with analysis.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: Internal standard (ISTD) response for the following samples were outside control limits: DUP-112408 (220-7337-15), MW-34 I (220-7337-11), MW-35 I (220-7337-13). The samples were re-analyzed with appropriate dilutions. One set of compliant results have been reported.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

SAMPLE SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-7337-1	OW-3	Water	11/24/2008 0845	11/26/2008 0945
220-7337-2	0W-4	Water	11/24/2008 0910	11/26/2008 0945
220-7337-3	OW-5	Water	11/24/2008 0935	11/26/2008 0945
220-7337-4	OW-6	Water	11/24/2008 1140	11/26/2008 0945
220-7337-5	OW-7	Water	11/24/2008 1045	11/26/2008 0945
220-7337-6	MW-31 S	Water	11/24/2008 1410	11/26/2008 0945
220-7337-7	MW-31 I	Water	11/24/2008 1505	11/26/2008 0945
220-7337-8	MW-33 S	Water	11/24/2008 1155	11/26/2008 0945
220-7337-9	MW-33 I	Water	11/24/2008 1255	11/26/2008 0945
220-7337-10	MW-34 S	Water	11/24/2008 1255	11/26/2008 0945
220-7337-11	MW-34 I	Water	11/24/2008 1400	11/26/2008 0945
220-7337-12	MW-35 S	Water	11/24/2008 1100	11/26/2008 0945
220-7337-13	MW-35 I	Water	11/24/2008 1015	11/26/2008 0945
220-7337-14FB	FIELD BLANK-112408	Water	11/24/2008 0830	11/26/2008 0945
220-7337-15	DUP-112408	Water	11/24/2008 1000	11/26/2008 0945
220-7337-16TB	TRIP BLANK-112408	Water	11/24/2008 0000	11/26/2008 0945
220-7337-17	MW-24	Water	12/01/2008 0710	12/02/2008 0958
220-7337-18FB	FIELD BLANK-120108	Water	12/01/2008 0640	12/02/2008 0958

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-3**

Lab Sample ID: 220-7337-1
Client Matrix: Water

Date Sampled: 11/24/2008 0845
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1429
Date Prepared: 12/03/2008 1429

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0118.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.9	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.7		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	53 - 125
4-Bromofluorobenzene	105	73 - 127
Dibromofluoromethane	108	54 - 137
Toluene-d8 (Surr)	107	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-3**

Lab Sample ID: 220-7337-1
Client Matrix: Water

Date Sampled: 11/24/2008 0845
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 12/04/2008 1341
Date Prepared: 12/04/2008 1341

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0155.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	110		1.2	10

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	53 - 125
4-Bromofluorobenzene	94	73 - 127
Dibromofluoromethane	120	54 - 137
Toluene-d8 (Surr)	102	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **0W-4**

Lab Sample ID: 220-7337-2
Client Matrix: Water

Date Sampled: 11/24/2008 0910
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1455
Date Prepared: 12/03/2008 1455

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0119.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	21		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.2	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	18		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
trans-1,2-Dichloroethene	5.8		0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	53 - 125
4-Bromofluorobenzene	107	73 - 127
Dibromofluoromethane	101	54 - 137
Toluene-d8 (Surr)	116	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **0W-4**

Lab Sample ID: 220-7337-2
Client Matrix: Water

Date Sampled: 11/24/2008 0910
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 12/03/2008 1624
Date Prepared: 12/03/2008 1624

Analysis Batch: 220-22509

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W1221.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	6700		62	500
cis-1,2-Dichloroethene	320	J	99	500

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	53 - 125
4-Bromofluorobenzene	92	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	85	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-5**

Lab Sample ID: 220-7337-3
Client Matrix: Water

Date Sampled: 11/24/2008 0935
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1654
Date Prepared: 12/03/2008 1654

Analysis Batch: 220-22509

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W1222.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.8	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	1.0	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.2		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	53 - 125
4-Bromofluorobenzene	100	73 - 127
Dibromofluoromethane	101	54 - 137
Toluene-d8 (Surr)	93	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-5**

Lab Sample ID: 220-7337-3
Client Matrix: Water

Date Sampled: 11/24/2008 0935
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 12/03/2008 1822
Date Prepared: 12/03/2008 1822

Analysis Batch: 220-22509

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W1225.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	98		1.2	10

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	53 - 125
4-Bromofluorobenzene	91	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	86	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-6**

Lab Sample ID: 220-7337-4
Client Matrix: Water

Date Sampled: 11/24/2008 1140
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1548
Date Prepared: 12/03/2008 1548

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0121.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.6	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	14		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	53 - 125
4-Bromofluorobenzene	102	73 - 127
Dibromofluoromethane	109	54 - 137
Toluene-d8 (Surr)	103	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-6**

Lab Sample ID: 220-7337-4
Client Matrix: Water

Date Sampled: 11/24/2008 1140
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 12/03/2008 1723
Date Prepared: 12/03/2008 1723

Analysis Batch: 220-22509

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W1223.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	290		2.5	20

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	53 - 125
4-Bromofluorobenzene	99	73 - 127
Dibromofluoromethane	103	54 - 137
Toluene-d8 (Surr)	95	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-7**

Lab Sample ID: 220-7337-5
Client Matrix: Water

Date Sampled: 11/24/2008 1045
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1752
Date Prepared: 12/03/2008 1752

Analysis Batch: 220-22509

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W1224.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	10		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	12		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	53 - 125
4-Bromofluorobenzene	113	73 - 127
Dibromofluoromethane	112	54 - 137
Toluene-d8 (Surr)	106	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-31 S**

Lab Sample ID: 220-7337-6
Client Matrix: Water

Date Sampled: 11/24/2008 1410
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1641
Date Prepared: 12/03/2008 1641

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0123.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	7.0		1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.1	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	52		0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	24		0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	78		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	31		0.99	5.0
trans-1,2-Dichloroethene	0.87	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	53 - 125
4-Bromofluorobenzene	110	73 - 127
Dibromofluoromethane	118	54 - 137
Toluene-d8 (Surr)	110	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-31 I**

Lab Sample ID: 220-7337-7
Client Matrix: Water

Date Sampled: 11/24/2008 1505
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1708
Date Prepared: 12/03/2008 1708

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0124.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	0.91	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	53 - 125
4-Bromofluorobenzene	105	73 - 127
Dibromofluoromethane	119	54 - 137
Toluene-d8 (Surr)	106	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-33 S**

Lab Sample ID: 220-7337-8
Client Matrix: Water

Date Sampled: 11/24/2008 1155
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1734
Date Prepared: 12/03/2008 1734

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0125.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.9		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	105	73 - 127
Dibromofluoromethane	114	54 - 137
Toluene-d8 (Surr)	109	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-33 I**

Lab Sample ID: 220-7337-9
Client Matrix: Water

Date Sampled: 11/24/2008 1255
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/04/2008 1434
Date Prepared: 12/04/2008 1434

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0157.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U *	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	53 - 125
4-Bromofluorobenzene	106	73 - 127
Dibromofluoromethane	123	54 - 137
Toluene-d8 (Surr)	106	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-34 S**

Lab Sample ID: 220-7337-10
Client Matrix: Water

Date Sampled: 11/24/2008 1255
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/04/2008 1127
Date Prepared: 12/04/2008 1127

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0150.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U *	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	53 - 125
4-Bromofluorobenzene	109	73 - 127
Dibromofluoromethane	129	54 - 137
Toluene-d8 (Surr)	115	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-34 I**

Lab Sample ID: 220-7337-11
Client Matrix: Water

Date Sampled: 11/24/2008 1400
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1853
Date Prepared: 12/03/2008 1853

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0128.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	4.5	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	1.6	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	24		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	53 - 125
4-Bromofluorobenzene	109	73 - 127
Dibromofluoromethane	116	54 - 137
Toluene-d8 (Surr)	113	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-34 I**

Lab Sample ID: 220-7337-11
Client Matrix: Water

Date Sampled: 11/24/2008 1400
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 12/04/2008 1408
Date Prepared: 12/04/2008 1408

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0156.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	590		6.2	50

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	53 - 125
4-Bromofluorobenzene	100	73 - 127
Dibromofluoromethane	119	54 - 137
Toluene-d8 (Surr)	102	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-35 S**

Lab Sample ID: 220-7337-12
Client Matrix: Water

Date Sampled: 11/24/2008 1100
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/04/2008 1155
Date Prepared: 12/04/2008 1155

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0151.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U *	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	41		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	4.4	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	53 - 125
4-Bromofluorobenzene	100	73 - 127
Dibromofluoromethane	118	54 - 137
Toluene-d8 (Surr)	102	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-35 I**

Lab Sample ID: 220-7337-13
Client Matrix: Water

Date Sampled: 11/24/2008 1015
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1946
Date Prepared: 12/03/2008 1946

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0130.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	1.7	J	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	2.4	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	9.5		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	53 - 125
4-Bromofluorobenzene	105	73 - 127
Dibromofluoromethane	104	54 - 137
Toluene-d8 (Surr)	115	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-35 I**

Lab Sample ID: 220-7337-13
Client Matrix: Water

Date Sampled: 11/24/2008 1015
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 12/04/2008 1832
Date Prepared: 12/04/2008 1832

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0166.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	3600		31	250

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	94	73 - 127
Dibromofluoromethane	117	54 - 137
Toluene-d8 (Surr)	96	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **FIELD BLANK-112408**

Lab Sample ID: 220-7337-14FB
Client Matrix: Water

Date Sampled: 11/24/2008 0830
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/04/2008 1222
Date Prepared: 12/04/2008 1222

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0152.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U *	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	53 - 125
4-Bromofluorobenzene	103	73 - 127
Dibromofluoromethane	116	54 - 137
Toluene-d8 (Surr)	104	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **DUP-112408**

Lab Sample ID: 220-7337-15
Client Matrix: Water

Date Sampled: 11/24/2008 1000
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 2039
Date Prepared: 12/03/2008 2039

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0132.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	22		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.2	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	21		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
trans-1,2-Dichloroethene	6.2		0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	53 - 125
4-Bromofluorobenzene	109	73 - 127
Dibromofluoromethane	108	54 - 137
Toluene-d8 (Surr)	118	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **DUP-112408**

Lab Sample ID: 220-7337-15
Client Matrix: Water

Date Sampled: 11/24/2008 1000
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 12/04/2008 1806
Date Prepared: 12/04/2008 1806

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	7400		62	500
cis-1,2-Dichloroethene	360	J	99	500

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	53 - 125
4-Bromofluorobenzene	95	73 - 127
Dibromofluoromethane	117	54 - 137
Toluene-d8 (Surr)	95	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **TRIP BLANK-112408**

Lab Sample ID: 220-7337-16TB
Client Matrix: Water

Date Sampled: 11/24/2008 0000
Date Received: 11/26/2008 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/04/2008 1248
Date Prepared: 12/04/2008 1248

Analysis Batch: 220-22538

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0153.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U *	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124	53 - 125
4-Bromofluorobenzene	99	73 - 127
Dibromofluoromethane	125	54 - 137
Toluene-d8 (Surr)	107	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-24**

Lab Sample ID: 220-7337-17
Client Matrix: Water

Date Sampled: 12/01/2008 0710
Date Received: 12/02/2008 0958

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1336
Date Prepared: 12/03/2008 1336

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0116.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	2.4	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	53 - 125
4-Bromofluorobenzene	109	73 - 127
Dibromofluoromethane	110	54 - 137
Toluene-d8 (Surr)	110	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **FIELD BLANK-120108**

Lab Sample ID: 220-7337-18FB
Client Matrix: Water

Date Sampled: 12/01/2008 0640
Date Received: 12/02/2008 0958

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/03/2008 1402
Date Prepared: 12/03/2008 1402

Analysis Batch: 220-22503

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V0117.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	53 - 125
4-Bromofluorobenzene	109	73 - 127
Dibromofluoromethane	112	54 - 137
Toluene-d8 (Surr)	112	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-3**

Lab Sample ID: 220-7337-1
Client Matrix: Water

Date Sampled: 11/24/2008 0845
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1525
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	63	J	62	250
Manganese	6600		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1531
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	6400		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **0W-4**

Lab Sample ID: 220-7337-2
Client Matrix: Water

Date Sampled: 11/24/2008 0910
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1537
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	20600		62	250
Manganese	5900		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1601
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1500		62	250
Manganese	5800		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-5**

Lab Sample ID: 220-7337-3
Client Matrix: Water

Date Sampled: 11/24/2008 0935
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1607
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	3000		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1133
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22543
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	2900		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-6**

Lab Sample ID: 220-7337-4
Client Matrix: Water

Date Sampled: 11/24/2008 1140
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1618
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	990		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1624
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	960		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **OW-7**

Lab Sample ID: 220-7337-5
Client Matrix: Water

Date Sampled: 11/24/2008 1045
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1630
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	87	J	62	250
Manganese	840		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1636
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	810		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-31 S**

Lab Sample ID: 220-7337-6
Client Matrix: Water

Date Sampled: 11/24/2008 1410
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1641
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	370		62	250
Manganese	1800		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1647
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	1500		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-31 I**

Lab Sample ID: 220-7337-7
Client Matrix: Water

Date Sampled: 11/24/2008 1505
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1653
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	8300		62	250
Manganese	150		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/03/2008 1613
Date Prepared: 12/03/2008 1101

Analysis Batch: 220-22519
Prep Batch: 220-22496

Instrument ID: TJA Trace ICAP
Lab File ID: W120308
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	140		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-33 S**

Lab Sample ID: 220-7337-8
Client Matrix: Water

Date Sampled: 11/24/2008 1155
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1145
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	170	J	62	250
Manganese	310		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1151
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	5.1	J	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-33 I**

Lab Sample ID: 220-7337-9
Client Matrix: Water

Date Sampled: 11/24/2008 1255
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1156
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	11400		62	250
Manganese	3300		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1202
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	590		62	250
Manganese	3300		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-34 S**

Lab Sample ID: 220-7337-10
Client Matrix: Water

Date Sampled: 11/24/2008 1255
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1208
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	290		62	250
Manganese	5.8	J	2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1214
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	8.9	J	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-34 I**

Lab Sample ID: 220-7337-11
Client Matrix: Water

Date Sampled: 11/24/2008 1400
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1219
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1300		62	250
Manganese	3700		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1237
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	2700		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-35 S**

Lab Sample ID: 220-7337-12
Client Matrix: Water

Date Sampled: 11/24/2008 1100
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1243
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1000		62	250
Manganese	340		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1248
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	280		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-35 I**

Lab Sample ID: 220-7337-13
Client Matrix: Water

Date Sampled: 11/24/2008 1015
Date Received: 11/26/2008 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1254
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	5600		62	250
Manganese	2900		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1300
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	2400		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Client Sample ID: **MW-24**

Lab Sample ID: 220-7337-17
Client Matrix: Water

Date Sampled: 12/01/2008 0710
Date Received: 12/02/2008 0958

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1306
Date Prepared: 12/03/2008 1526

Analysis Batch: 220-22543
Prep Batch: 220-22511

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	2.6	J	2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/04/2008 1450
Date Prepared: 12/04/2008 1109

Analysis Batch: 220-22543
Prep Batch: 220-22532

Instrument ID: TJA Trace ICAP
Lab File ID: W120408
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

General Chemistry

Client Sample ID: **OW-3**

Lab Sample ID: 220-7337-1
Client Matrix: Water

Date Sampled: 11/24/2008 0845
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	270		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1521			
Total Organic Carbon - Quad	2.4		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/02/2008 1729			

Client Sample ID: **0W-4**

Lab Sample ID: 220-7337-2
Client Matrix: Water

Date Sampled: 11/24/2008 0910
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	269		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1536			
Total Organic Carbon - Quad	3.4		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/02/2008 1806			

Client Sample ID: **OW-5**

Lab Sample ID: 220-7337-3
Client Matrix: Water

Date Sampled: 11/24/2008 0935
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	243		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1544			
Total Organic Carbon - Quad	4.6		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/02/2008 1845			

General Chemistry

Client Sample ID: **OW-6**

Lab Sample ID: 220-7337-4
Client Matrix: Water

Date Sampled: 11/24/2008 1140
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	213		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1551			
Total Organic Carbon - Quad	4.3		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/02/2008 1922			

Client Sample ID: **OW-7**

Lab Sample ID: 220-7337-5
Client Matrix: Water

Date Sampled: 11/24/2008 1045
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	126		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1558			
Total Organic Carbon - Quad	1.2		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/02/2008 1959			

Client Sample ID: **MW-31 S**

Lab Sample ID: 220-7337-6
Client Matrix: Water

Date Sampled: 11/24/2008 1410
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	419		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1607			
Total Organic Carbon - Quad	2.7		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/02/2008 2159			

Client Sample ID: **MW-31 I**

Lab Sample ID: 220-7337-7
Client Matrix: Water

Date Sampled: 11/24/2008 1505
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	124		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1626			
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/02/2008 2339			

General Chemistry

Client Sample ID: **MW-33 S**

Lab Sample ID: 220-7337-8
Client Matrix: Water

Date Sampled: 11/24/2008 1155
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	259		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1635			
Total Organic Carbon - Quad	2.6		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/03/2008 0007			

Client Sample ID: **MW-33 I**

Lab Sample ID: 220-7337-9
Client Matrix: Water

Date Sampled: 11/24/2008 1255
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	111		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1641			
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/03/2008 0040			

Client Sample ID: **MW-34 S**

Lab Sample ID: 220-7337-10
Client Matrix: Water

Date Sampled: 11/24/2008 1255
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	147		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1649			
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/03/2008 0105			

Client Sample ID: **MW-34 I**

Lab Sample ID: 220-7337-11
Client Matrix: Water

Date Sampled: 11/24/2008 1400
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	143		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1656			
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/03/2008 0131			

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

General Chemistry

Client Sample ID: **MW-35 S**

Lab Sample ID: 220-7337-12
Client Matrix: Water

Date Sampled: 11/24/2008 1100
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	208		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1710			
Total Organic Carbon - Quad	2.4		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/03/2008 0159			

Client Sample ID: **MW-35 I**

Lab Sample ID: 220-7337-13
Client Matrix: Water

Date Sampled: 11/24/2008 1015
Date Received: 11/26/2008 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	123		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22396	Date Analyzed			11/28/2008 1717			
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/03/2008 0233			

Client Sample ID: **MW-24**

Lab Sample ID: 220-7337-17
Client Matrix: Water

Date Sampled: 12/01/2008 0710
Date Received: 12/02/2008 0958

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	80.9		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-22476	Date Analyzed			12/02/2008 1655			
Total Organic Carbon - Quad	8.7		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-22483	Date Analyzed			12/03/2008 0302			

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc.

Job Number: 220-7337-1
Sdg Number: 220-7337-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	J	Indicates an estimated value.
	U	Analyzed for but not detected.
Metals		
	J	Sample result is greater than the MDL but below the CRDL
	U	Indicates analyzed for but not detected.
General Chemistry		
	U	Indicates analyzed for but not detected.

+337

Connecticut
128 Long Hill Cross Road

Shelton, CT 6484
phone 203.929.8140 fax 203.929.8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Christopher Proce	Site Contact: Jeff Wills	Date: 11/24/08	COC No: ~~1 of 2~~
Roux Associates, Inc.	Tel/Fax:(631) 232-2600/(631) 232-9898	Lab Contact: Jill Duhancik	Carrier:	1 of 2 COCs
209 Shafter Street	**Analysis Turnaround Time**			Job No.
Islandia/New York 11749	Calendar (C) or Work Days (W) _____			
(631) 232-2600 Phone	TAT if different from Below _____			SDG No.
(631) 232-9898 FAX	☐ 2 weeks			
Project Name: MBA-Manorhaven / Thypin	☒ 1 week			
Site: Former Thypin Steel Factory	☐ 2 days			
P O # 0771.0001Y000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Full List + VOC (8260)	TOC	Total Fe + Mn	LAB Filtered Fe + Mn	Alkalinity	Sample Specific Notes:
OW-3 ✓ (1)	11/24/08	0845		Aq.	6		2	1	1	1	1	
OW-4 ✓ (2)		0910										
OW-5 ✓ (3)		0935										
OW-6 ✓ (4)		1140										
OW-7 ✓ (5)		1045										
MW-31S ✓ (6)		1410										
MW-31I ✓ (7)		1505										
MW-33S ✓ (8)		1155										
MW-33I ✓ (9)		1255										
MW-34S ✓ (10)		1255										
MW-34I ✓ (11)		1400										
MW-35S ✓ (12)		1100										
							2	3	4	1	1	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:

PASSED
RAD
SCREEN

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Jeff Wills	Roux Associates	11/24/08 1730			11-26-08 9:45
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

12/05/2008

3.0°C

Connecticut
128 Long Hill Cross Road

Shelton, CT 6484
phone 203.929.8140 fax 203.929.8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Christopher Proce	Site Contact: Jeff Wills	Date: 11/24/08	COC No: 2 of 2
Roux Associates, Inc.	Tel/Fax:(631) 232-2600/(631) 232-9898	Lab Contact: Jill Duhancik	Carrier:	2 of 2 COCs
209 Shafter Street	Analysis Turnaround Time			Job No.
Islandia/New York 11749	Calendar (C) or Work Days (W) _____			
(631) 232-2600 Phone	TAT if different from Below _____			SDG No.
(631) 232-9898 FAX	☐ 2 weeks			
Project Name: MBA-Manorhaven / Thypin	☒ 1 week			
Site: Former Thypin Steel Factory	☐ 2 days			
P O # 0771.0001Y000	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	Full List VOC (8260)	TOC	Total Fe+Mn	LAB Filtered Fe+Mn	Alkalinity	Sample Specific Notes:
MW-35I (13)	11/24/08	1015		Aq	6		2	1	1	1	1	
Field Blank-112408 (14)		0830			2							
DUP-112408 (15)		1000			2							
TRIP BLANK-112408 (16)		—			2							
							2	3	4	1	1	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

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

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

Special Instructions/QC Requirements & Comments:

PASSED
RAD
SCREEN

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Jeff Wills	Roux Associats	11/24/08 1730			11-26-08 9:45
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

12/05/2008

3.0 °C

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

7337

TAL-0015 (0508)

Client: Roux Associates, Inc.	Project Manager: Christopher Proce	Date: 12/1/08	Chain of Custody Number: 015445
Address: 209 Shafter St	Telephone Number (Area Code)/Fax Number/e-mail address: 631-232-2600	Field Telephone Number	Page 1 of 1
City: Islandia	State: NY	Zip Code: 11749	Site Contact: Jeff Wills	Lab Contact: Jill Dahanak
Project Name and Location (State): MBA-Manorhaven, New York	Sample Disposal: ☒ Disposal By Lab ☐ Return To Client ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)	
Contract/Purchase Order/Project No.: 0771.0001Y000		

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Solid	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis (Attach list if more space is needed): Full List VOC (8260)	TOC	Total Fe + Mn	LAB Filter Fe+Mn	Alkalinity					Comments
(17) MW-24	12/1/08	0710	X			2	1	1	2				X	X	X	X	X					
(18) Field Blank - 120108	↓	0640	X						2				X									

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☒ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____

State Regulatory QC Requirements

	Date	Time
1. Relinquished By: Jeff Wills	12/1/08	0800
2. Relinquished By		
3. Received By		

	Date	Time
1. Received By		
2. Received By: K Bloeten	12/2/08	958

Cooler Temps: 11.0oc a plastic bag filled w/water in the small cooler.

Passed Rad. Screen (Lab Use Only): ☑ Yes ☐ No

Comments

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

12/05/2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-7654-1

SDG Number: 220-7654

Job Description: 0771.0001Y000 MBA-Thypin/Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Chris Proce

Approved for release.
Joan Widomski
1/8/2009 2:40 PM

Designee for
Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
01/08/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

Case Narrative for Job: 220-7654-1

Client: Roux Associates, Inc.
Date: January 8, 2009

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Lawrence Decker
Laboratory Director

January 8, 2009
Date

Comments
No additional comments.

Receipt
The following sample was received at the laboratory with no sample collection time documented on the chain of custody: TRIP BLANK-122308 (220-7654-7). As a result, a sample collection time of 12:00 a.m. on the date of collection has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

QUALITY CONTROL NARRATIVE

TestAmerica Connecticut adheres to a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-7654-1	MW-26S	Water	12/23/2008 1210	12/24/2008 1040
220-7654-2	MW-26I	Water	12/23/2008 1245	12/24/2008 1040
220-7654-3	MW-30S	Water	12/23/2008 1335	12/24/2008 1040
220-7654-4	MW-30I	Water	12/23/2008 1410	12/24/2008 1040
220-7654-5	DUP-122308	Water	12/23/2008 1330	12/24/2008 1040
220-7654-6FB	FIELD BLANK-122308	Water	12/23/2008 1030	12/24/2008 1040
220-7654-7TB	TRIP BLANK-122308	Water	12/23/2008 0000	12/24/2008 1040

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7654-1	**MW-26S**					
Tetrachloroethene		1.4	J	5.0	ug/L	8260B
Iron		86	J	250	ug/L	6010B
Manganese		43		15	ug/L	6010B
Alkalinity		199		2.0	mg/L	SM 2320B
Dissolved						
Manganese		14	J	15	ug/L	6010B
220-7654-2	**MW-26I**					
1,1-Dichloroethene		1.5	J	5.0	ug/L	8260B
Tetrachloroethene		1.5	J	5.0	ug/L	8260B
Trichloroethene		620		25	ug/L	8260B
cis-1,2-Dichloroethene		170		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.0	J	5.0	ug/L	8260B
Iron		1700		250	ug/L	6010B
Manganese		210		15	ug/L	6010B
Total Organic Carbon - Quad		1.9		1.0	mg/L	9060
Alkalinity		117		2.0	mg/L	SM 2320B
Dissolved						
Manganese		150		15	ug/L	6010B
220-7654-3	**MW-30S**					
Trichloroethene		1.8	J	5.0	ug/L	8260B
Iron		1600		250	ug/L	6010B
Manganese		44		15	ug/L	6010B
Total Organic Carbon - Quad		0.42	J	1.0	mg/L	9060
Alkalinity		209		2.0	mg/L	SM 2320B
Dissolved						
Manganese		27		15	ug/L	6010B
220-7654-4	**MW-30I**					
Trichloroethene		12		5.0	ug/L	8260B
Manganese		850		15	ug/L	6010B
Total Organic Carbon - Quad		2.4		1.0	mg/L	9060
Alkalinity		111		2.0	mg/L	SM 2320B
Dissolved						
Manganese		660		15	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7654-5	**DUP-122308**					
Tetrachloroethene		1.2	J	5.0	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Metals (ICP)	TAL CT	SW846 6010B	
Sample Filtration	TAL CT		FILTRATION
Preparation, Total Metals	TAL CT		SW846 3010A
Organic Carbon, Total (TOC)	TAL CT	SW846 9060	
Alkalinity	TAL CT	SM SM 2320B	

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK
SW846 6010B	Petronchak, Nestor	NP
SW846 9060	Madumadu, Dave	DM
SM SM 2320B	Mendoza, Julia	JM

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: MW-26S

Lab Sample ID: 220-7654-1
Client Matrix: Water

Date Sampled: 12/23/2008 1210
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/02/2009 1121
Date Prepared: 01/02/2009 1121

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2168.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.4	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	53 - 125
4-Bromofluorobenzene	123	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	104	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: **MW-26I**

Lab Sample ID: 220-7654-2
Client Matrix: Water

Date Sampled: 12/23/2008 1245
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/02/2009 1146
Date Prepared: 01/02/2009 1146

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2169.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.5	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	170		0.99	5.0
trans-1,2-Dichloroethene	1.0	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	53 - 125
4-Bromofluorobenzene	125	73 - 127
Dibromofluoromethane	99	54 - 137
Toluene-d8 (Surr)	103	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: MW-26I

Lab Sample ID: 220-7654-2
Client Matrix: Water

Date Sampled: 12/23/2008 1245
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 01/02/2009 1414
Date Prepared: 01/02/2009 1414

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2175.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	620		3.1	25

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	53 - 125
4-Bromofluorobenzene	123	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	96	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: **MW-30S**

Lab Sample ID: 220-7654-3
Client Matrix: Water

Date Sampled: 12/23/2008 1335
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/02/2009 1210
Date Prepared: 01/02/2009 1210

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2170.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	1.8	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	53 - 125
4-Bromofluorobenzene	107	73 - 127
Dibromofluoromethane	93	54 - 137
Toluene-d8 (Surr)	99	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: **MW-30I**

Lab Sample ID: 220-7654-4
Client Matrix: Water

Date Sampled: 12/23/2008 1410
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/02/2009 1235
Date Prepared: 01/02/2009 1235

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2171.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	12		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	53 - 125
4-Bromofluorobenzene	127	73 - 127
Dibromofluoromethane	98	54 - 137
Toluene-d8 (Surr)	97	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: **DUP-122308**

Lab Sample ID: 220-7654-5
Client Matrix: Water

Date Sampled: 12/23/2008 1330
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/02/2009 1300
Date Prepared: 01/02/2009 1300

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2172.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.2	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	53 - 125
4-Bromofluorobenzene	119	73 - 127
Dibromofluoromethane	90	54 - 137
Toluene-d8 (Surr)	89	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: **FIELD BLANK-122308**

Lab Sample ID: 220-7654-6FB
Client Matrix: Water

Date Sampled: 12/23/2008 1030
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/02/2009 1324
Date Prepared: 01/02/2009 1324

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2173.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	53 - 125
4-Bromofluorobenzene	113	73 - 127
Dibromofluoromethane	99	54 - 137
Toluene-d8 (Surr)	97	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: **TRIP BLANK-122308**

Lab Sample ID: 220-7654-7TB
Client Matrix: Water

Date Sampled: 12/23/2008 0000
Date Received: 12/24/2008 1040

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/02/2009 1349
Date Prepared: 01/02/2009 1349

Analysis Batch: 220-23358

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2174.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	53 - 125
4-Bromofluorobenzene	125	73 - 127
Dibromofluoromethane	99	54 - 137
Toluene-d8 (Surr)	97	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: MW-26S

Lab Sample ID: 220-7654-1
Client Matrix: Water

Date Sampled: 12/23/2008 1210
Date Received: 12/24/2008 1040

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/29/2008 1823
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23253
Prep Batch: 220-23238

Instrument ID: TJA Trace ICAP
Lab File ID: W122908
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	86	J	62	250
Manganese	43		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 01/02/2009 1258
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290

Instrument ID: TJA Trace ICAP
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	14	J	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: MW-26I

Lab Sample ID: 220-7654-2
Client Matrix: Water

Date Sampled: 12/23/2008 1245
Date Received: 12/24/2008 1040

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/30/2008 0950
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23298
Prep Batch: 220-23238

Instrument ID: TJA Trace ICAP
Lab File ID: W123008
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1700		62	250
Manganese	210		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 01/02/2009 1304
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290

Instrument ID: TJA Trace ICAP
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	150		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: MW-30S

Lab Sample ID: 220-7654-3
Client Matrix: Water

Date Sampled: 12/23/2008 1335
Date Received: 12/24/2008 1040

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/30/2008 0956
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23298
Prep Batch: 220-23238

Instrument ID: TJA Trace ICAP
Lab File ID: W123008
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1600		62	250
Manganese	44		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 01/02/2009 1309
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290

Instrument ID: TJA Trace ICAP
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	27		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Client Sample ID: MW-30I

Lab Sample ID: 220-7654-4
Client Matrix: Water

Date Sampled: 12/23/2008 1410
Date Received: 12/24/2008 1040

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 12/30/2008 1002
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23298
Prep Batch: 220-23238

Instrument ID: TJA Trace ICAP
Lab File ID: W123008
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	850		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 01/02/2009 1315
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290

Instrument ID: TJA Trace ICAP
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	660		2.3	15

General Chemistry

Client Sample ID: MW-26S

Lab Sample ID: 220-7654-1
Client Matrix: Water

Date Sampled: 12/23/2008 1210
Date Received: 12/24/2008 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	199		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-23258	Date Analyzed		12/29/2008 1457				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-23295	Date Analyzed		12/29/2008 1415				

Client Sample ID: MW-26I

Lab Sample ID: 220-7654-2
Client Matrix: Water

Date Sampled: 12/23/2008 1245
Date Received: 12/24/2008 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	117		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-23258	Date Analyzed		12/29/2008 1504				
Total Organic Carbon - Quad	1.9		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-23295	Date Analyzed		12/29/2008 1626				

Client Sample ID: MW-30S

Lab Sample ID: 220-7654-3
Client Matrix: Water

Date Sampled: 12/23/2008 1335
Date Received: 12/24/2008 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	209		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-23258	Date Analyzed		12/29/2008 1524				
Total Organic Carbon - Quad	0.42	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-23295	Date Analyzed		12/29/2008 1823				

General Chemistry

Client Sample ID: MW-30I

Lab Sample ID: 220-7654-4
Client Matrix: Water

Date Sampled: 12/23/2008 1410
Date Received: 12/24/2008 1040

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	111		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-23258	Date Analyzed		12/29/2008 1531				
Total Organic Carbon - Quad	2.4		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-23295	Date Analyzed		12/29/2008 1851				

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
220-7654-1	MW-26S	95	94	104	123
220-7654-2	MW-26I	99	97	103	125
220-7654-2	MW-26I	95	94	96	123
220-7654-3	MW-30S	93	92	99	107
220-7654-4	MW-30I	98	94	97	127
220-7654-5	DUP-122308	90	86	89	119
220-7654-6	FIELD BLANK-122308	99	97	97	113
220-7654-7	TRIP BLANK-122308	99	95	97	125
MB 220-23358/3		94	91	97	126
LCS 220-23358/2		94	95	98	103

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Method Blank - Batch: 220-23358

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-23358/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/02/2009 1057
Date Prepared: 01/02/2009 1057

Analysis Batch: 220-23358
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2167.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.0	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	53 - 125
4-Bromofluorobenzene	126	73 - 127
Dibromofluoromethane	94	54 - 137
Toluene-d8 (Surr)	97	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Lab Control Spike - Batch: 220-23358

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-23358/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/02/2009 0944
Date Prepared: 01/02/2009 0944

Analysis Batch: 220-23358
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L2164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	29.9	150	18 - 263	
Benzene	20.0	21.8	109	68 - 126	
Bromodichloromethane	20.0	19.6	98	67 - 118	
Bromoform	20.0	17.4	87	63 - 115	
Bromomethane	20.0	21.1	106	27 - 171	
Methyl Ethyl Ketone	20.0	23.8	119	30 - 222	
Carbon disulfide	20.0	16.6	83	44 - 142	
Carbon tetrachloride	20.0	20.9	105	56 - 131	
Chlorobenzene	20.0	20.1	100	71 - 114	
Chloroethane	20.0	20.6	103	53 - 167	
Chloroform	20.0	20.6	103	70 - 124	
Chloromethane	20.0	24.1	120	43 - 134	
Dibromochloromethane	20.0	19.0	95	65 - 114	
1,1-Dichloroethane	20.0	20.9	105	67 - 121	
1,2-Dichloroethane	20.0	19.2	96	68 - 124	
1,1-Dichloroethene	20.0	22.1	111	57 - 137	
1,2-Dichloropropane	20.0	21.0	105	69 - 122	
cis-1,3-Dichloropropene	20.0	19.9	100	60 - 122	
trans-1,3-Dichloropropene	20.0	18.7	94	55 - 126	
Ethylbenzene	20.0	20.1	100	71 - 115	
2-Hexanone	20.0	17.4	87	54 - 179	
Methylene Chloride	20.0	20.8	104	61 - 129	
methyl isobutyl ketone	20.0	18.3	92	61 - 140	
Styrene	20.0	18.2	91	69 - 112	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	66 - 129	
Tetrachloroethene	20.0	19.1	96	62 - 118	
Toluene	20.0	21.0	105	70 - 116	
1,1,1-Trichloroethane	20.0	21.4	107	60 - 128	
1,1,2-Trichloroethane	20.0	20.3	101	70 - 119	
Trichloroethene	20.0	20.3	101	58 - 125	
Vinyl chloride	20.0	24.9	125	51 - 139	
Xylenes, Total	60.0	60.9	101	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	53 - 125
4-Bromofluorobenzene	103	73 - 127
Dibromofluoromethane	94	54 - 137
Toluene-d8 (Surr)	98	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Method Blank - Batch: 220-23238

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-23238/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1726
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23253
Prep Batch: 220-23238
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W122908
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-23238

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-23238/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1731
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23253
Prep Batch: 220-23238
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W122908
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	25350	101	80 - 120	
Manganese	200	215	107	80 - 120	

Matrix Spike - Batch: 220-23238

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7561-B-1-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1806
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23253
Prep Batch: 220-23238
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W122908
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Iron	250	U	1000	1050	105	75 - 125	
Manganese	15	U	500	530	106	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Duplicate - Batch: 220-23238

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7561-B-1-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1800
Date Prepared: 12/29/2008 1237

Analysis Batch: 220-23253
Prep Batch: 220-23238
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W122908
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Iron	250	U	104	NC	20	J
Manganese	15	U	2.44	NC	20	J

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Method Blank - Batch: 220-23290

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-23290/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/02/2009 1241
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-23290

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-23290/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/02/2009 1246
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	24530	98	80 - 120	
Manganese	200	208	104	80 - 120	

Matrix Spike - Batch: 220-23290

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7635-F-2-D MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/02/2009 1332
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Iron	1600	1000	2830	119	75 - 125	
Manganese	220	500	732	103	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Duplicate - Batch: 220-23290

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7635-F-2-C DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/02/2009 1326
Date Prepared: 12/30/2008 1237

Analysis Batch: 220-23360
Prep Batch: 220-23290
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W010209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	1600	1620	1	20	
Manganese	220	225	4	20	

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Method Blank - Batch: 220-23295

Method: 9060
Preparation: N/A

Lab Sample ID: MB 220-23295/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1039
Date Prepared: N/A

Analysis Batch: 220-23295
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 12271446.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Result	Qual	MDL	RL
Total Organic Carbon - Quad	1.0	U	0.10	1.0

Lab Control Spike - Batch: 220-23295

Method: 9060
Preparation: N/A

Lab Sample ID: LCS 220-23295/5 ^4
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 12/29/2008 0849
Date Prepared: N/A

Analysis Batch: 220-23295
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 12271446.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	82.2	88.86	108	85 - 115	

Matrix Spike - Batch: 220-23295

Method: 9060
Preparation: N/A

Lab Sample ID: 220-7654-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1522
Date Prepared: N/A

Analysis Batch: 220-23295
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 12271446.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	1.0	U	20.0	18.51	93	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Duplicate - Batch: 220-23295

Method: 9060
Preparation: N/A

Lab Sample ID: 220-7654-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1440
Date Prepared: N/A

Analysis Batch: 220-23295
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 12271446.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Total Organic Carbon - Quad	1.0	U	1.0	NC	20	U

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Method Blank - Batch: 220-23258

Method: SM 2320B
Preparation: N/A

Lab Sample ID: MB 220-23258/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1249
Date Prepared: N/A

Analysis Batch: 220-23258
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Alkalinity	0.24	J	0.16	2.0

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Lab Control Spike - Batch: 220-23258

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-23258/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1238
Date Prepared: N/A

Analysis Batch: 220-23258
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	239.3	101	85 - 115	

Lab Control Spike - Batch: 220-23258

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-23258/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1350
Date Prepared: N/A

Analysis Batch: 220-23258
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	240.2	102	85 - 115	

Lab Control Spike - Batch: 220-23258

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-23258/25
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1517
Date Prepared: N/A

Analysis Batch: 220-23258
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	240.9	102	85 - 115	

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

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Lab Control Spike - Batch: 220-23258

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-23258/33
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1613
Date Prepared: N/A

Analysis Batch: 220-23258
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	241.3	102	85 - 115	

Duplicate - Batch: 220-23258

Method: SM 2320B
Preparation: N/A

Lab Sample ID: 220-7582-A-1 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/29/2008 1302
Date Prepared: N/A

Analysis Batch: 220-23258
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	41.8	41.88	0	20	

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

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-23358					
LCS 220-23358/2	Lab Control Spike	T	Water	8260B	
MB 220-23358/3	Method Blank	T	Water	8260B	
220-7654-1	MW-26S	T	Water	8260B	
220-7654-2	MW-26I	T	Water	8260B	
220-7654-3	MW-30S	T	Water	8260B	
220-7654-4	MW-30I	T	Water	8260B	
220-7654-5	DUP-122308	T	Water	8260B	
220-7654-6FB	FIELD BLANK-122308	T	Water	8260B	
220-7654-7TB	TRIP BLANK-122308	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-23174					
220-7630-A-21-B SD ^5	Serial Dilution	P	Water		
Prep Batch: 220-23238					
LCS 220-23238/2-A	Lab Control Spike	T	Water	3010A	
MB 220-23238/1-A	Method Blank	T	Water	3010A	
220-7561-B-1-B DU	Duplicate	T	Water	3010A	
220-7561-B-1-C MS	Matrix Spike	T	Water	3010A	
220-7630-A-21-B SD ^5	Serial Dilution	P	Water	3010A	220-23174
220-7654-1	MW-26S	T	Water	3010A	
220-7654-2	MW-26I	T	Water	3010A	
220-7654-3	MW-30S	T	Water	3010A	
220-7654-4	MW-30I	T	Water	3010A	
Analysis Batch:220-23253					
CCB 220-23253/81	Continuing Calibration Blank		Water	6010B	
CCB 220-23253/93	Continuing Calibration Blank		Water	6010B	
CCB6 220-23253/69	Continuing Calibration Blank		Water	6010B	
ICB 220-23253/4	Initial Calibration Blank		Water	6010B	
LCS 220-23238/2-A	Lab Control Spike	T	Water	6010B	220-23238
MB 220-23238/1-A	Method Blank	T	Water	6010B	220-23238
220-7561-B-1-B DU	Duplicate	T	Water	6010B	220-23238
220-7561-B-1-C MS	Matrix Spike	T	Water	6010B	220-23238
220-7630-A-21-B SD ^5	Serial Dilution	P	Water	6010B	220-23238
220-7654-1	MW-26S	T	Water	6010B	220-23238
Prep Batch: 220-23290					
LCS 220-23290/2-A	Lab Control Spike	T	Water	3010A	
MB 220-23290/1-A	Method Blank	T	Water	3010A	
220-7635-F-2-C DU	Duplicate	T	Water	3010A	
220-7635-F-2-D MS	Matrix Spike	T	Water	3010A	
220-7653-E-2-B SD ^5	Serial Dilution	D	Water	3010A	
220-7654-1	MW-26S	D	Water	3010A	
220-7654-2	MW-26I	D	Water	3010A	
220-7654-3	MW-30S	D	Water	3010A	
220-7654-4	MW-30I	D	Water	3010A	
Analysis Batch:220-23298					
CCB 220-23298/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-23298/21	Continuing Calibration Blank		Water	6010B	
ICB 220-23298/4	Initial Calibration Blank		Water	6010B	
220-7654-2	MW-26I	T	Water	6010B	220-23238
220-7654-3	MW-30S	T	Water	6010B	220-23238
220-7654-4	MW-30I	T	Water	6010B	220-23238

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-23360					
CCB 220-23360/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-23360/21	Continuing Calibration Blank		Water	6010B	
CCB3 220-23360/33	Continuing Calibration Blank		Water	6010B	
ICB 220-23360/4	Initial Calibration Blank		Water	6010B	
LCS 220-23290/2-A	Lab Control Spike	T	Water	6010B	220-23290
MB 220-23290/1-A	Method Blank	T	Water	6010B	220-23290
220-7635-F-2-C DU	Duplicate	T	Water	6010B	220-23290
220-7635-F-2-D MS	Matrix Spike	T	Water	6010B	220-23290
220-7653-E-2-B SD ^5	Serial Dilution	D	Water	6010B	220-23290
220-7654-1	MW-26S	D	Water	6010B	220-23290
220-7654-2	MW-26I	D	Water	6010B	220-23290
220-7654-3	MW-30S	D	Water	6010B	220-23290
220-7654-4	MW-30I	D	Water	6010B	220-23290

Report Basis
D = Dissolved
P = TCLP
T = Total

Client: Roux Associates, Inc.

Job Number: 220-7654-1
Sdg Number: 220-7654

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-23258					
LCS 220-23258/14	Lab Control Spike	T	Water	SM 2320B	
LCS 220-23258/25	Lab Control Spike	T	Water	SM 2320B	
LCS 220-23258/3	Lab Control Spike	T	Water	SM 2320B	
LCS 220-23258/33	Lab Control Spike	T	Water	SM 2320B	
MB 220-23258/5	Method Blank	T	Water	SM 2320B	
220-7582-A-1 DU	Duplicate	T	Water	SM 2320B	
220-7654-1	MW-26S	T	Water	SM 2320B	
220-7654-2	MW-26I	T	Water	SM 2320B	
220-7654-3	MW-30S	T	Water	SM 2320B	
220-7654-4	MW-30I	T	Water	SM 2320B	
Analysis Batch:220-23295					
CCB 220-23295/16	Continuing Calibration Blank		Water	9060	
CCB 220-23295/26	Continuing Calibration Blank		Water	9060	
CCB 220-23295/28	Continuing Calibration Blank		Water	9060	
CCB 220-23295/31	Continuing Calibration Blank		Water	9060	
CCB 220-23295/4	Continuing Calibration Blank		Water	9060	
CCB 220-23295/7	Continuing Calibration Blank		Water	9060	
ICB 220-23295/2	Initial Calibration Blank		Water	9060	
LCS 220-23295/5 ^4	Lab Control Spike	T	Water	9060	
MB 220-23295/8	Method Blank	T	Water	9060	
220-7654-1	MW-26S	T	Water	9060	
220-7654-1DU	Duplicate	T	Water	9060	
220-7654-1MS	Matrix Spike	T	Water	9060	
220-7654-2	MW-26I	T	Water	9060	
220-7654-3	MW-30S	T	Water	9060	
220-7654-4	MW-30I	T	Water	9060	

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-7654-1
SDG: 220-7654

Laboratory Chronicle

Lab ID: 220-7654-1 **Client ID: MW-26S**

Sample Date/Time: 12/23/2008 12:10 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7654-D-1		220-23358		01/02/2009 11:21	1	TAL CT	BK
A:8260B	220-7654-D-1		220-23358		01/02/2009 11:21	1	TAL CT	BK
P:3010A	220-7654-B-1-A		220-23253	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-B-1-A		220-23253	220-23238	12/29/2008 18:23	1	TAL CT	NP
P:3010A	220-7654-A-1-B		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-A-1-B		220-23360	220-23290	01/02/2009 12:58	1	TAL CT	NP
A:9060	220-7654-E-1		220-23295		12/29/2008 14:15	1	TAL CT	DM
A:SM 2320B	220-7654-A-1		220-23258		12/29/2008 14:57	1	TAL CT	JM

Lab ID: 220-7654-1 MS **Client ID: MW-26S**

Sample Date/Time: 12/23/2008 12:10 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060	220-7654-A-1 MS		220-23295		12/29/2008 15:22	1	TAL CT	DM

Lab ID: 220-7654-1 DU **Client ID: MW-26S**

Sample Date/Time: 12/23/2008 12:10 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060	220-7654-F-1 DU		220-23295		12/29/2008 14:40	1	TAL CT	DM

Lab ID: 220-7654-2 **Client ID: MW-26I**

Sample Date/Time: 12/23/2008 12:45 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7654-D-2		220-23358		01/02/2009 11:46	1	TAL CT	BK
A:8260B	220-7654-D-2		220-23358		01/02/2009 11:46	1	TAL CT	BK
P:5030B	220-7654-D-2		220-23358		01/02/2009 14:14	5	TAL CT	BK
A:8260B	220-7654-D-2		220-23358		01/02/2009 14:14	5	TAL CT	BK
P:3010A	220-7654-B-2-A		220-23298	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-B-2-A		220-23298	220-23238	12/30/2008 09:50	1	TAL CT	NP
P:3010A	220-7654-A-2-B		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-A-2-B		220-23360	220-23290	01/02/2009 13:04	1	TAL CT	NP
A:9060	220-7654-F-2		220-23295		12/29/2008 16:26	1	TAL CT	DM
A:SM 2320B	220-7654-A-2		220-23258		12/29/2008 15:04	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-7654-1
SDG: 220-7654

Laboratory Chronicle

Lab ID: 220-7654-3 **Client ID: MW-30S**

Sample Date/Time: 12/23/2008 13:35 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7654-D-3		220-23358		01/02/2009 12:10	1	TAL CT	BK
A:8260B	220-7654-D-3		220-23358		01/02/2009 12:10	1	TAL CT	BK
P:3010A	220-7654-B-3-A		220-23298	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-B-3-A		220-23298	220-23238	12/30/2008 09:56	1	TAL CT	NP
P:3010A	220-7654-A-3-B		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-A-3-B		220-23360	220-23290	01/02/2009 13:09	1	TAL CT	NP
A:9060	220-7654-E-3		220-23295		12/29/2008 18:23	1	TAL CT	DM
A:SM 2320B	220-7654-A-3		220-23258		12/29/2008 15:24	1	TAL CT	JM

Lab ID: 220-7654-4 **Client ID: MW-30I**

Sample Date/Time: 12/23/2008 14:10 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7654-D-4		220-23358		01/02/2009 12:35	1	TAL CT	BK
A:8260B	220-7654-D-4		220-23358		01/02/2009 12:35	1	TAL CT	BK
P:3010A	220-7654-B-4-A		220-23298	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-B-4-A		220-23298	220-23238	12/30/2008 10:02	1	TAL CT	NP
P:3010A	220-7654-A-4-B		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	220-7654-A-4-B		220-23360	220-23290	01/02/2009 13:15	1	TAL CT	NP
A:9060	220-7654-F-4		220-23295		12/29/2008 18:51	1	TAL CT	DM
A:SM 2320B	220-7654-A-4		220-23258		12/29/2008 15:31	1	TAL CT	JM

Lab ID: 220-7654-5 **Client ID: DUP-122308**

Sample Date/Time: 12/23/2008 13:30 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7654-D-5		220-23358		01/02/2009 13:00	1	TAL CT	BK
A:8260B	220-7654-D-5		220-23358		01/02/2009 13:00	1	TAL CT	BK

Lab ID: 220-7654-6 **Client ID: FIELD BLANK-122308**

Sample Date/Time: 12/23/2008 10:30 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7654-D-6		220-23358		01/02/2009 13:24	1	TAL CT	BK
A:8260B	220-7654-D-6		220-23358		01/02/2009 13:24	1	TAL CT	BK

Client: Roux Associates, Inc.

Job Number: 220-7654-1
SDG: 220-7654

Laboratory Chronicle

Lab ID: 220-7654-7 **Client ID: TRIP BLANK-122308**

Sample Date/Time: 12/23/2008 00:00 Received Date/Time: 12/24/2008 10:40

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7654-C-7		220-23358		01/02/2009 13:49	1	TAL CT	BK
A:8260B	220-7654-C-7		220-23358		01/02/2009 13:49	1	TAL CT	BK

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 220-23358/3		220-23358		01/02/2009 10:57	1	TAL CT	BK
A:8260B	MB 220-23358/3		220-23358		01/02/2009 10:57	1	TAL CT	BK
P:3010A	MB 220-23238/1-A		220-23253	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	MB 220-23238/1-A		220-23253	220-23238	12/29/2008 17:26	1	TAL CT	NP
P:3010A	MB 220-23290/1-A		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	MB 220-23290/1-A		220-23360	220-23290	01/02/2009 12:41	1	TAL CT	NP
A:9060	MB 220-23295/8		220-23295		12/29/2008 10:39	1	TAL CT	DM
A:SM 2320B	MB 220-23258/5		220-23258		12/29/2008 12:49	1	TAL CT	JM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 220-23358/2		220-23358		01/02/2009 09:44	1	TAL CT	BK
A:8260B	LCS 220-23358/2		220-23358		01/02/2009 09:44	1	TAL CT	BK
P:3010A	LCS 220-23238/2-A		220-23253	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	LCS 220-23238/2-A		220-23253	220-23238	12/29/2008 17:31	1	TAL CT	NP
P:3010A	LCS 220-23290/2-A		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	LCS 220-23290/2-A		220-23360	220-23290	01/02/2009 12:46	1	TAL CT	NP
A:9060	LCS 220-23295/5 ^4		220-23295		12/29/2008 08:49	4	TAL CT	DM
A:SM 2320B	LCS 220-23258/3		220-23258		12/29/2008 12:38	1	TAL CT	JM
A:SM 2320B	LCS 220-23258/14		220-23258		12/29/2008 13:50	1	TAL CT	JM
A:SM 2320B	LCS 220-23258/25		220-23258		12/29/2008 15:17	1	TAL CT	JM
A:SM 2320B	LCS 220-23258/33		220-23258		12/29/2008 16:13	1	TAL CT	JM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-7561-B-1-C MS		220-23253	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	220-7561-B-1-C MS		220-23253	220-23238	12/29/2008 18:06	1	TAL CT	NP
P:3010A	220-7635-F-2-D MS		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	220-7635-F-2-D MS		220-23360	220-23290	01/02/2009 13:32	1	TAL CT	NP

Client: Roux Associates, Inc.

Job Number: 220-7654-1
SDG: 220-7654

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-7561-B-1-B DU		220-23253	220-23238	12/29/2008 12:37	1	TAL CT	BC
A:6010B	220-7561-B-1-B DU		220-23253	220-23238	12/29/2008 18:00	1	TAL CT	NP
P:3010A	220-7635-F-2-C DU		220-23360	220-23290	12/30/2008 12:37	1	TAL CT	BC
A:6010B	220-7635-F-2-C DU		220-23360	220-23290	01/02/2009 13:26	1	TAL CT	NP
A:SM 2320B	220-7582-A-1 DU		220-23258		12/29/2008 13:02	1	TAL CT	JM

Lab References:
TAL CT = TestAmerica Connecticut

GC/MS VOA

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	12DCE #	TOL #	BFB #
MW-26S	220-7654-1	95	94	104	123
MW-26I	220-7654-2	99	97	103	125
MW-26I	220-7654-2	95	94	96	123
MW-30S	220-7654-3	93	92	99	107
MW-30I	220-7654-4	98	94	97	127
DUP-122308	220-7654-5	90	86	89	119
FIELD BLANK-122308	220-7654-6	99	97	97	113
TRIP BLANK-122308	220-7654-7	99	95	97	125
	MB 220-23358/3	94	91	97	126
	LCS 220-23358/2	94	95	98	103

	QC LIMITS
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Matrix: Water Level: Low Lab File ID: L2164.D

Lab ID: LCS 220-23358/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	29.9	150	18-263	
Benzene	20.0	21.8	109	68-126	
Bromodichloromethane	20.0	19.6	98	67-118	
Bromoform	20.0	17.4	87	63-115	
Bromomethane	20.0	21.1	106	27-171	
Methyl Ethyl Ketone	20.0	23.8	119	30-222	
Carbon disulfide	20.0	16.6	83	44-142	
Carbon tetrachloride	20.0	20.9	105	56-131	
Chlorobenzene	20.0	20.1	100	71-114	
Chloroethane	20.0	20.6	103	53-167	
Chloroform	20.0	20.6	103	70-124	
Chloromethane	20.0	24.1	120	43-134	
Dibromochloromethane	20.0	19.0	95	65-114	
1,1-Dichloroethane	20.0	20.9	105	67-121	
1,2-Dichloroethane	20.0	19.2	96	68-124	
1,1-Dichloroethene	20.0	22.1	111	57-137	
1,2-Dichloropropane	20.0	21.0	105	69-122	
cis-1,3-Dichloropropene	20.0	19.9	100	60-122	
trans-1,3-Dichloropropene	20.0	18.7	94	55-126	
Ethylbenzene	20.0	20.1	100	71-115	
2-Hexanone	20.0	17.4	87	54-179	
Methylene Chloride	20.0	20.8	104	61-129	
methyl isobutyl ketone	20.0	18.3	92	61-140	
Styrene	20.0	18.2	91	69-112	
1,1,2,2-Tetrachloroethane	20.0	21.4	107	66-129	
Tetrachloroethene	20.0	19.1	96	62-118	
Toluene	20.0	21.0	105	70-116	
1,1,1-Trichloroethane	20.0	21.4	107	60-128	
1,1,2-Trichloroethane	20.0	20.3	101	70-119	
Trichloroethene	20.0	20.3	101	58-125	
Vinyl chloride	20.0	24.9	125	51-139	
Xylenes, Total	60.0	60.9	101	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab File ID: L2167.D Lab Sample ID: MB 220-23358/3

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

Instrument ID: MSL Date Analyzed: 01/02/2009 10:57

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-23358/2	L2164.D	01/02/2009 09:44
MW-26S	220-7654-1	L2168.D	01/02/2009 11:21
MW-26I	220-7654-2	L2169.D	01/02/2009 11:46
MW-30S	220-7654-3	L2170.D	01/02/2009 12:10
MW-30I	220-7654-4	L2171.D	01/02/2009 12:35
DUP-122308	220-7654-5	L2172.D	01/02/2009 13:00
FIELD BLANK-122308	220-7654-6	L2173.D	01/02/2009 13:24
TRIP BLANK-122308	220-7654-7	L2174.D	01/02/2009 13:49
MW-26I	220-7654-2	L2175.D	01/02/2009 14:14

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab File ID: LB056.D BFB Injection Date: 12/26/2008

Instrument ID: MSL BFB Injection Time: 09:49

Analysis Batch No.: 23261

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	25.0	
75	30.0 - 60.0 % of mass 95	55.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	85.4	
175	5.0 - 9.0 % of mass 174	7.2	(8.4)1
176	95.0 - 101.0 % of mass 174	83.1	(97.3)1
177	5.0 - 9.0 % of mass 176	5.9	(7.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-23261/1	L1952.D	12/26/2008	10:10
	IC 220-23261/2	L1953.D	12/26/2008	10:52
	IC 220-23261/3	L1954.D	12/26/2008	11:16
	IC 220-23261/4	L1955.D	12/26/2008	11:41
	IC 220-23261/5	L1956.D	12/26/2008	12:06

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab File ID: LB067.D BFB Injection Date: 01/02/2009

Instrument ID: MSL BFB Injection Time: 08:28

Analysis Batch No.: 23358

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	23.6	
75	30.0 - 60.0 % of mass 95	56.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	81.1	
175	5.0 - 9.0 % of mass 174	6.3	(7.8)1
176	95.0 - 101.0 % of mass 174	79.1	(97.4)1
177	5.0 - 9.0 % of mass 176	5.5	(7.0)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-23358/1	L2163.D	01/02/2009	08:50
	LCS 220-23358/2	L2164.D	01/02/2009	09:44
	MB 220-23358/3	L2167.D	01/02/2009	10:57
MW-26S	220-7654-1	L2168.D	01/02/2009	11:21
MW-26I	220-7654-2	L2169.D	01/02/2009	11:46
MW-30S	220-7654-3	L2170.D	01/02/2009	12:10
MW-30I	220-7654-4	L2171.D	01/02/2009	12:35
DUP-122308	220-7654-5	L2172.D	01/02/2009	13:00
FIELD BLANK-122308	220-7654-6	L2173.D	01/02/2009	13:24
TRIP BLANK-122308	220-7654-7	L2174.D	01/02/2009	13:49
MW-26I	220-7654-2	L2175.D	01/02/2009	14:14

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

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Sample No.: CCVIS 220-23358/1 Date Analyzed: 01/02/2009 08:50

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): L2163.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		402316	4.56	380337	7.71	179844	9.78
UPPER LIMIT		804632	5.06	760674	8.21	359688	10.28
LOWER LIMIT		201158	4.06	190169	7.21	89922	9.28
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-23358/2		424904	4.57	387195	7.72	163994	9.78
MB 220-23358/3		399062	4.56	366497	7.72	106526	9.77
220-7654-1	MW-26S	393205	4.56	348028	7.72	106450	9.78
220-7654-2	MW-26I	390447	4.56	350666	7.72	107747	9.78
220-7654-3	MW-30S	386688	4.56	348996	7.72	122110	9.78
220-7654-4	MW-30I	381046	4.56	356126	7.72	103578	9.78
220-7654-5	DUP-122308	375130	4.56	350350	7.72	101726	9.78
220-7654-6	FIELD BLANK-122308	376752	4.57	340000	7.72	107845	9.78
220-7654-7	TRIP BLANK-122308	364185	4.56	353950	7.72	102330	9.79
220-7654-2	MW-26I	377922	4.56	352052	7.72	101597	9.78

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-26S | Lab Sample ID: 220-7654-1

Matrix: Water | Lab File ID: L2168.D

Analysis Method: 8260B | Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 11:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.4	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-26S Lab Sample ID: 220-7654-1

Matrix: Water Lab File ID: L2168.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 11:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	53-125	
460-00-4	4-Bromofluorobenzene	123	73-127	
1868-53-7	Dibromofluoromethane	95	54-137	
2037-26-5	Toluene-d8 (Surr)	104	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2168.D
Lab Smp Id: 220-7654-D-1 Client Smp ID: MW-26S
Inj Date : 02-JAN-2009 11:21 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-d-1
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.558	4.561	(1.000)	393205	25.0000	
	20 Methylene Chloride	84	2.088	2.091	(0.458)	623	0.12416	0.1(M)
$	41 Dibromofluoromethane	111	3.554	3.558	(0.780)	145269	23.8660	24
$	55 1,2-Dichloroethane-d4	65	4.194	4.197	(0.920)	217541	23.5097	24
*	75 Chlorobenzene-d5	117	7.718	7.711	(1.000)	348028	25.0000	
$	77 Toluene-d8	98	6.261	6.264	(0.811)	398545	25.8898	26
	80 Tetrachloroethene	164	6.694	6.697	(0.867)	5134	1.44405	1
*	95 1,4-Dichlorobenzene-d4	152	9.775	9.778	(1.000)	106450	25.0000	
$	125 Bromofluorobenzene	95	8.800	8.804	(0.900)	133108	30.8183	31

QC Flag Legend

M - Compound response manually integrated.

Data File: L2168.D

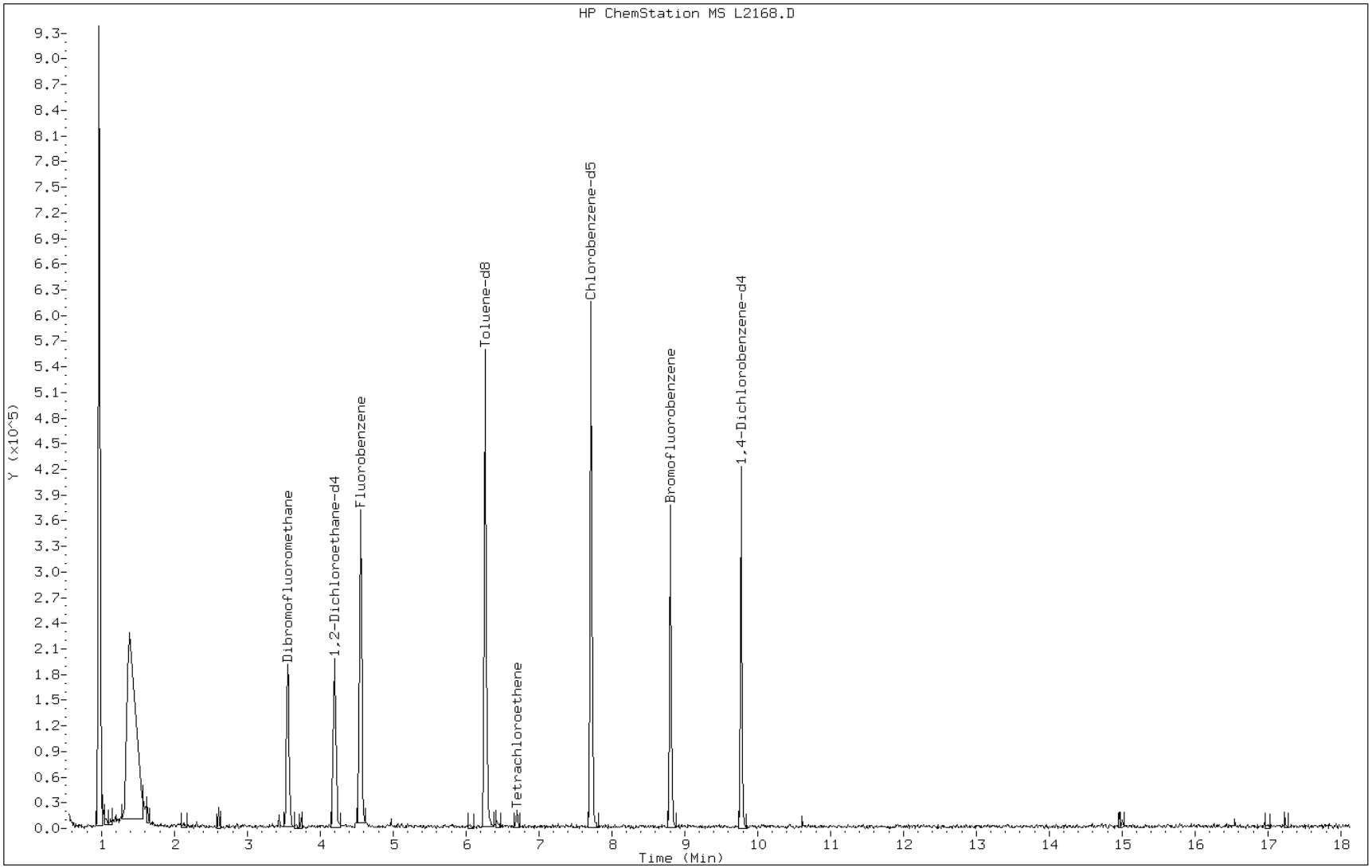
Date: 02-JAN-2009 11:21

Client ID: MW-26S

Instrument: msl.i

Sample Info: 220-7654-d-1

Operator: B.KOSTRZEWSKA



Data File: L2168.D

Date: 02-JAN-2009 11:21

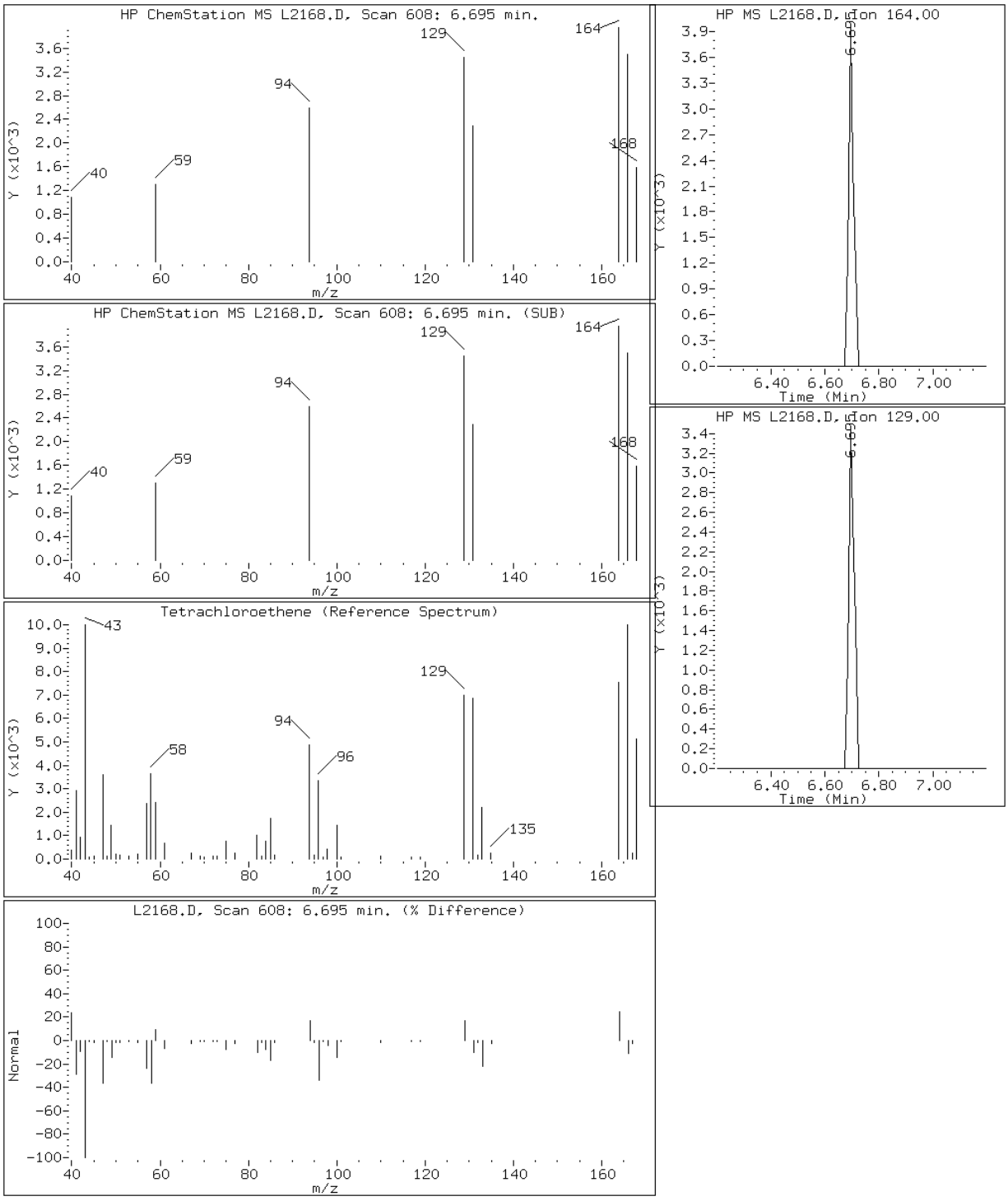
Client ID: MW-26S

Instrument: msl.i

Sample Info: 220-7654-d-1

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-26I | Lab Sample ID: 220-7654-2

Matrix: Water | Lab File ID: L2169.D

Analysis Method: 8260B | Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 11:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	1.5	J	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.5	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	170		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	1.0	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-26I Lab Sample ID: 220-7654-2

Matrix: Water Lab File ID: L2169.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 11:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	53-125	
460-00-4	4-Bromofluorobenzene	125	73-127	
1868-53-7	Dibromofluoromethane	99	54-137	
2037-26-5	Toluene-d8 (Surr)	103	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2169.D
Lab Smp Id: 220-7654-D-2 Client Smp ID: MW-26I
Inj Date : 02-JAN-2009 11:46 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-d-2
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.557	4.561	(1.000)	390447	25.0000	
	14 1,1-Dichloroethene	96	1.732	1.756	(0.380)	5769	1.48545	1
	20 Methylene Chloride	84	2.077	2.091	(0.456)	2347	0.47104	0.5
	22 trans-1,2-Dichloroethene	96	2.195	2.199	(0.482)	4828	1.04062	1
	33 cis-1,2-Dichloroethene	96	3.100	3.095	(0.680)	882098	173.050	170
$	41 Dibromofluoromethane	111	3.553	3.558	(0.780)	149924	24.8048	25
$	55 1,2-Dichloroethane-d4	65	4.193	4.197	(0.920)	223389	24.3122	24
	60 Trichloroethene	130	4.764	4.778	(1.045)	3298605	669.897	670(A)
*	75 Chlorobenzene-d5	117	7.717	7.711	(1.000)	350666	25.0000	
$	77 Toluene-d8	98	6.260	6.264	(0.811)	398956	25.7215	26
	80 Tetrachloroethene	164	6.693	6.697	(0.867)	5447	1.52056	2
*	95 1,4-Dichlorobenzene-d4	152	9.784	9.778	(1.000)	107747	25.0000	
$	125 Bromofluorobenzene	95	8.799	8.804	(0.899)	136767	31.2843	31
M	126 1,2-Dichloroethene (total)	100				886926	174.091	170

QC Flag Legend

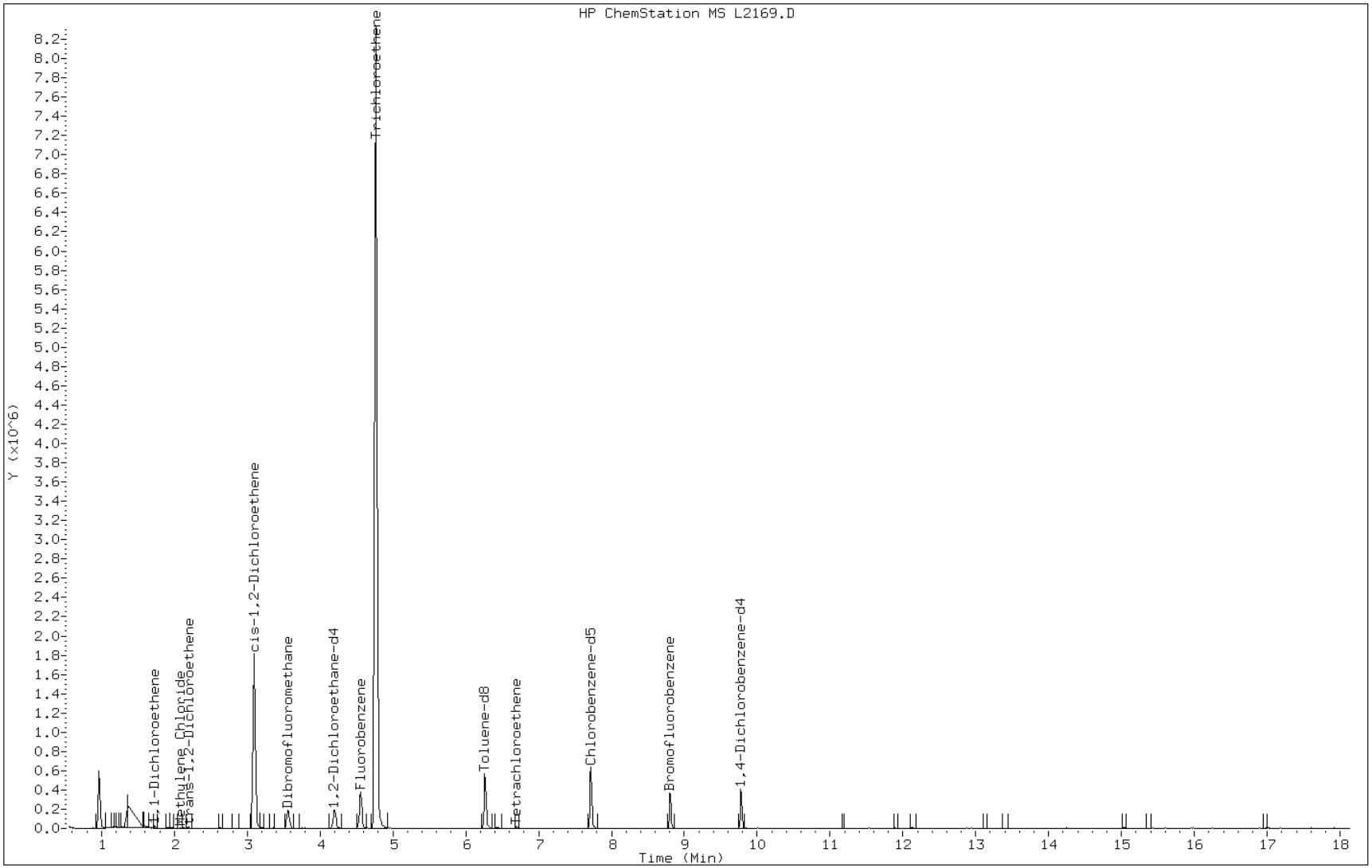
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: L2169.D

Date: 02-JAN-2009 11:46

Client ID: MW-26I Instrument: msl.i

Sample Info: 220-7654-d-2 Operator: B.KOSTRZEWSKA



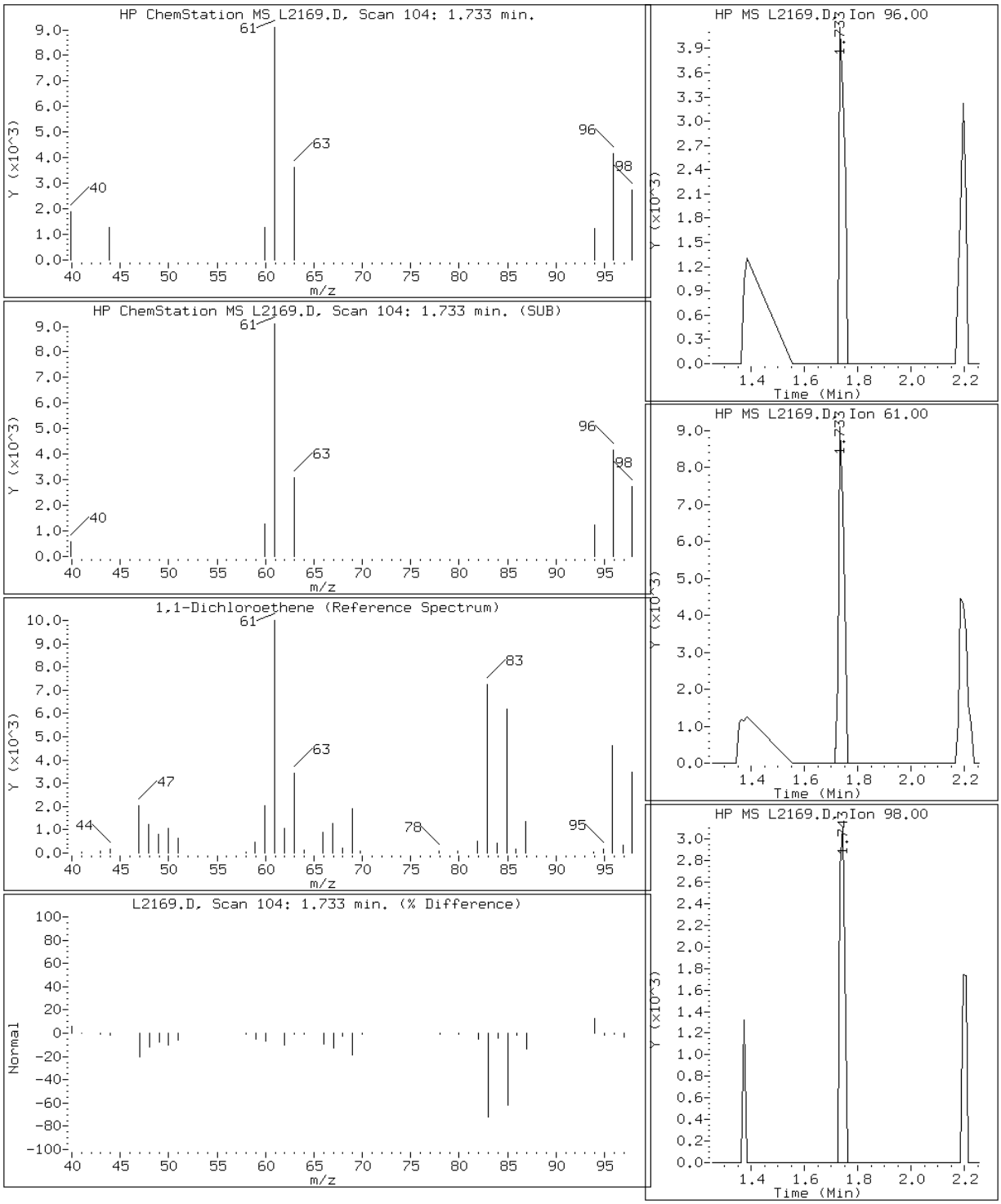
Data File: L2169.D

Date: 02-JAN-2009 11:46

Client ID: MW-26I Instrument: msl.i

Sample Info: 220-7654-d-2 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: L2169.D

Date: 02-JAN-2009 11:46

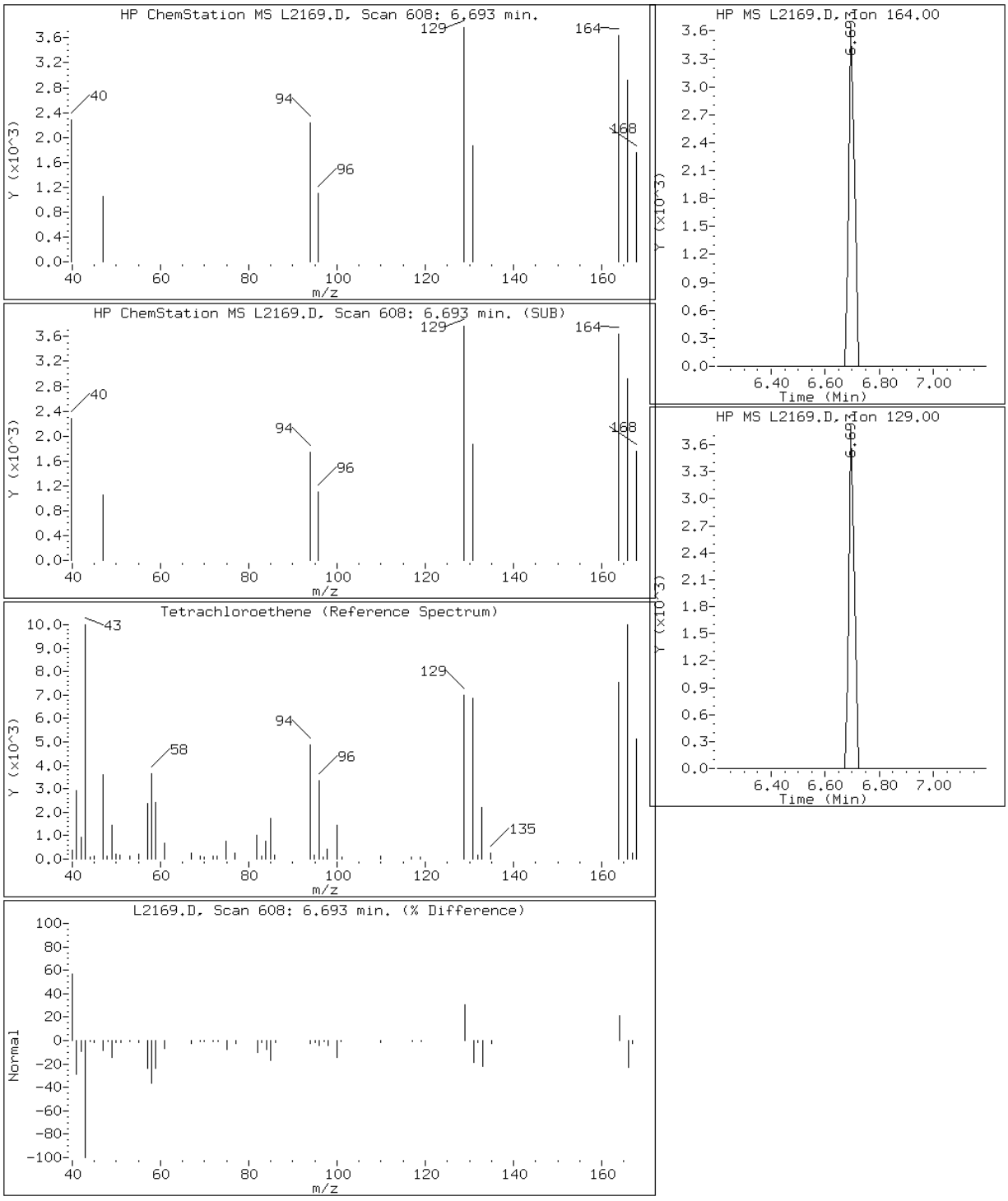
Client ID: MW-26I

Instrument: msl.i

Sample Info: 220-7654-d-2

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



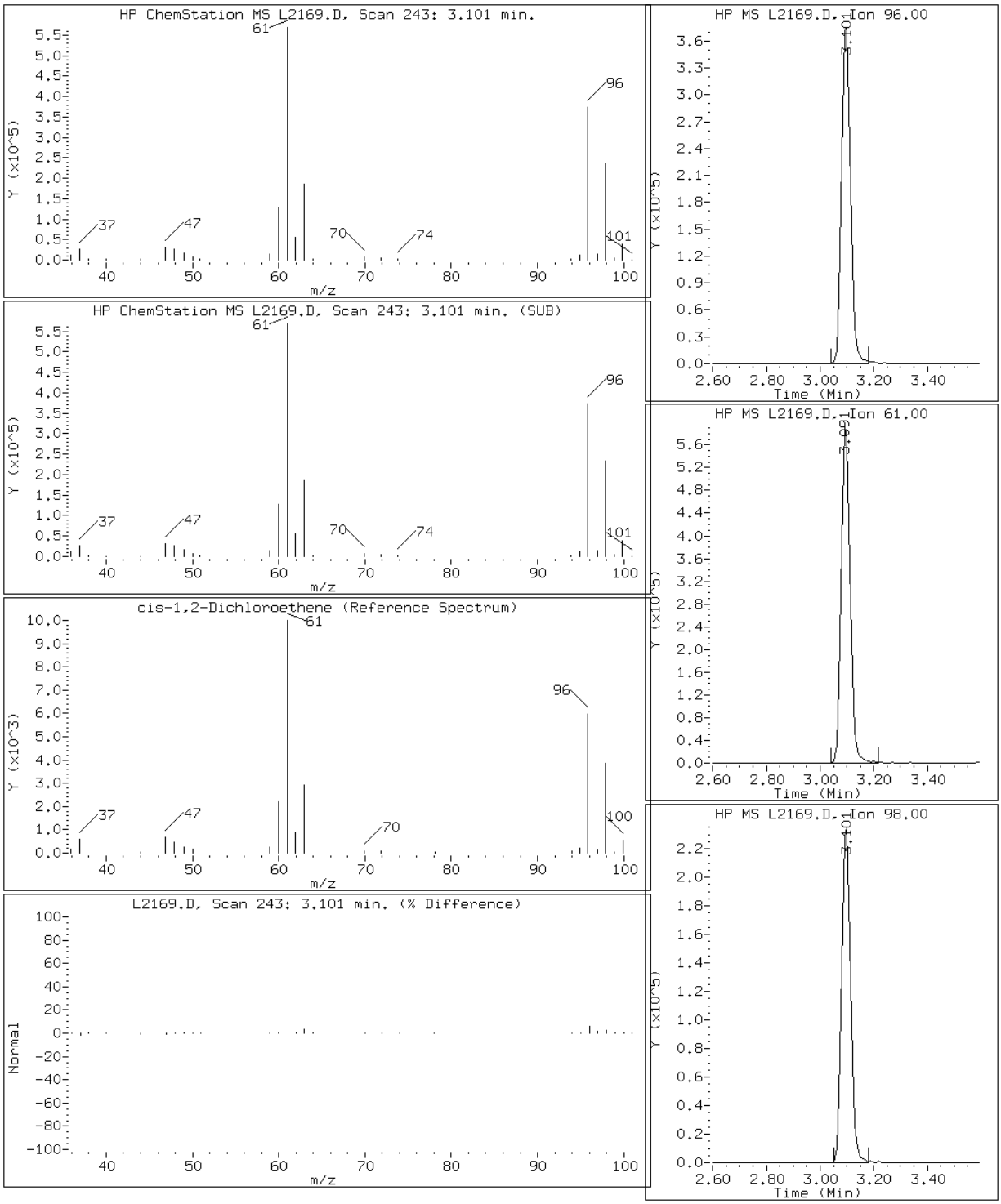
Data File: L2169.D

Date: 02-JAN-2009 11:46

Client ID: MW-26I Instrument: msl.i

Sample Info: 220-7654-d-2 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



Data File: L2169.D

Date: 02-JAN-2009 11:46

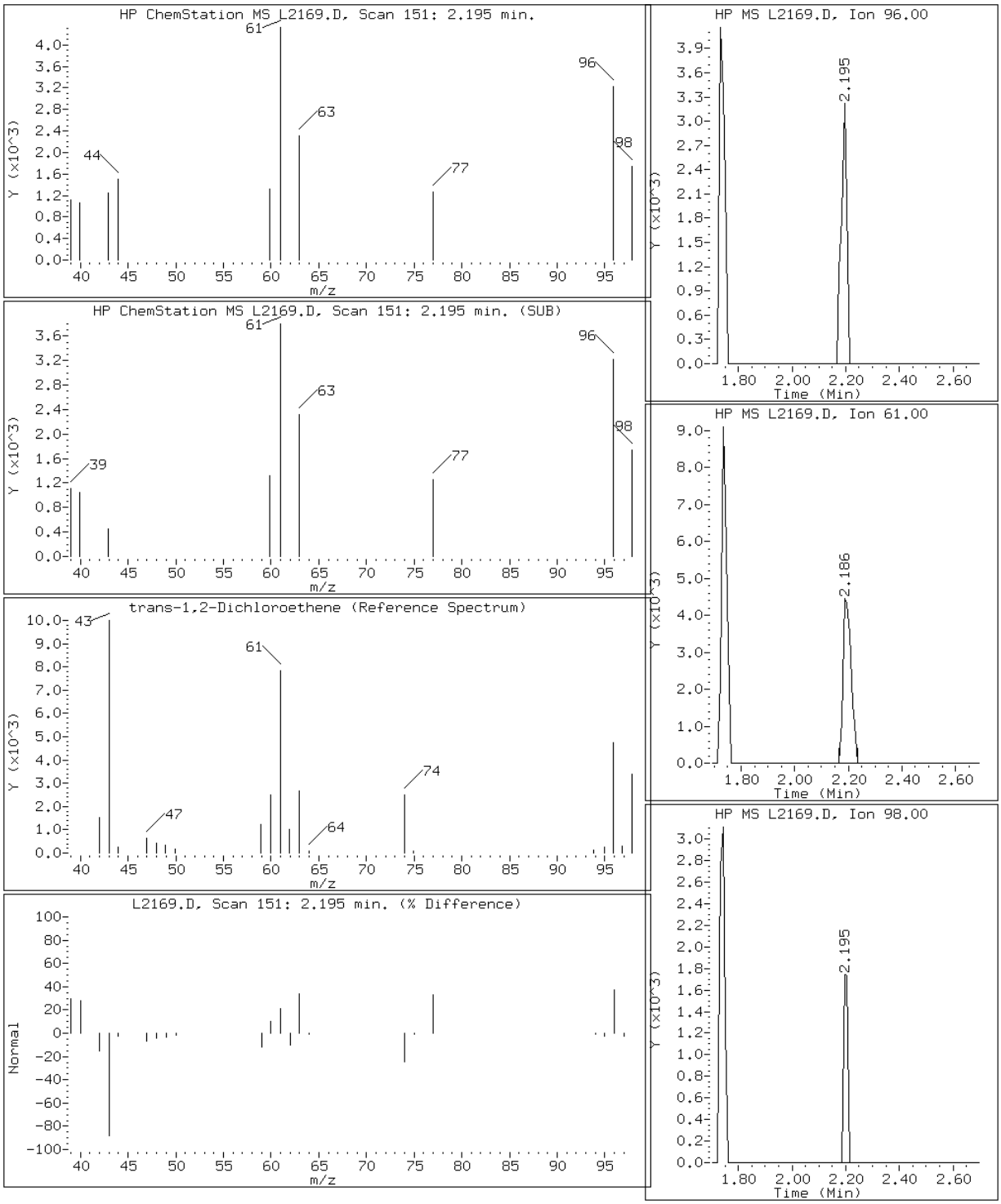
Client ID: MW-26I

Instrument: msl.i

Sample Info: 220-7654-d-2

Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-26I Lab Sample ID: 220-7654-2

Matrix: Water Lab File ID: L2175.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 14:14

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	620		25	3.1

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	53-125	
460-00-4	4-Bromofluorobenzene	123	73-127	
1868-53-7	Dibromofluoromethane	95	54-137	
2037-26-5	Toluene-d8 (Surr)	96	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2175.D
Lab Smp Id: 220-7654-D-2 Client Smp ID: MW-26I
Inj Date : 02-JAN-2009 14:14 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-d-2
Misc Info : : ;;;; ;8260; 5 ;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 13
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

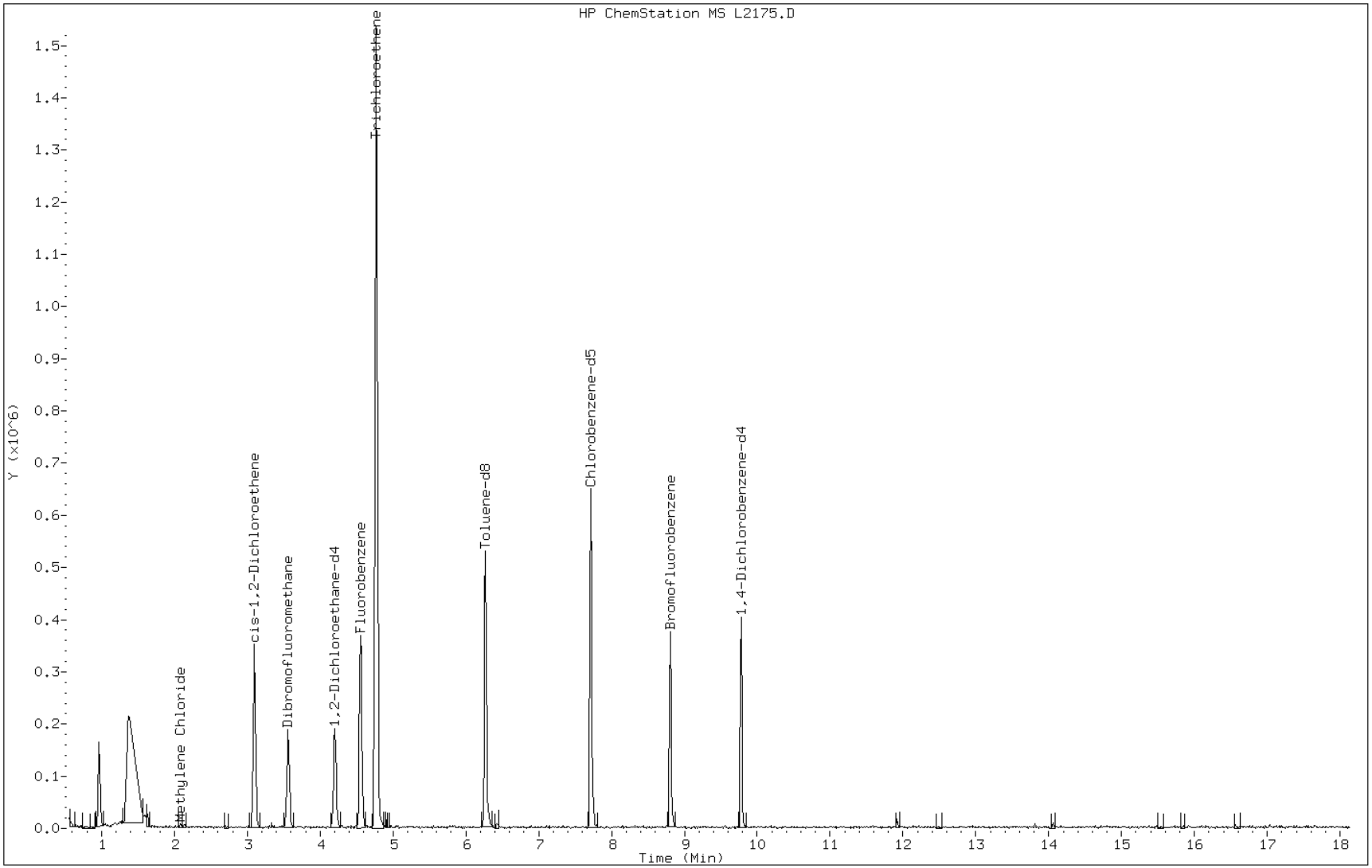
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.556	4.561	(1.000)	377922	25.0000	
	20 Methylene Chloride	84	2.076	2.091	(0.456)	3635	0.75372	4
	33 cis-1,2-Dichloroethene	96	3.099	3.095	(0.680)	162644	32.9650	160
$	41 Dibromofluoromethane	111	3.562	3.558	(0.782)	138787	23.7232	24
$	55 1,2-Dichloroethane-d4	65	4.202	4.197	(0.922)	208892	23.4879	23
	60 Trichloroethene	130	4.773	4.778	(1.048)	591288	124.061	620
*	75 Chlorobenzene-d5	117	7.716	7.711	(1.000)	352052	25.0000	
$	77 Toluene-d8	98	6.269	6.264	(0.812)	373397	23.9789	24
*	95 1,4-Dichlorobenzene-d4	152	9.783	9.778	(1.000)	101597	25.0000	
$	125 Bromofluorobenzene	95	8.808	8.804	(0.900)	127255	30.8705	31
M	126 1,2-Dichloroethene (total)	100				162644	32.9650	160

Data File: L2175.D

Date: 02-JAN-2009 14:14

Client ID: MW-26I Instrument: msl.i

Sample Info: 220-7654-d-2 Operator: B.KOSTRZEWSKA



Data File: L2175.D

Date: 02-JAN-2009 14:14

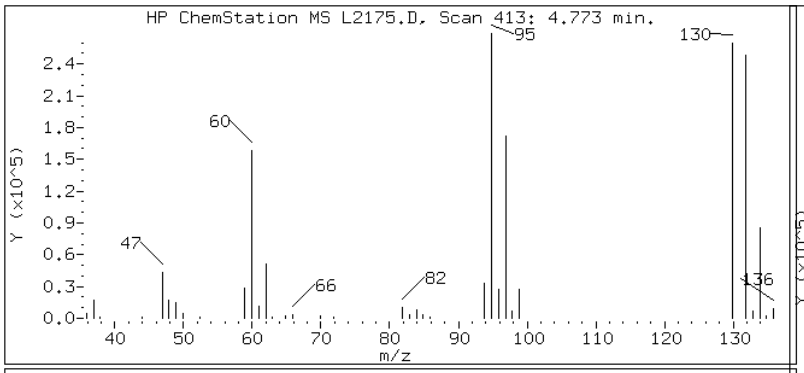
Client ID: MW-26I

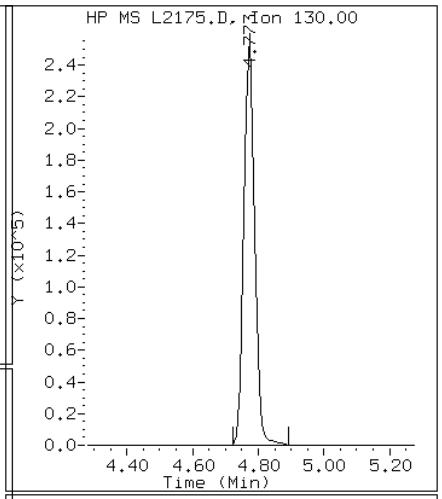
Instrument: msl.i

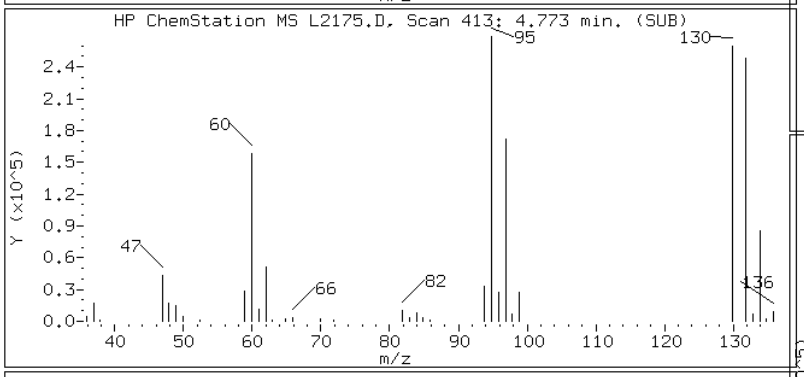
Sample Info: 220-7654-d-2

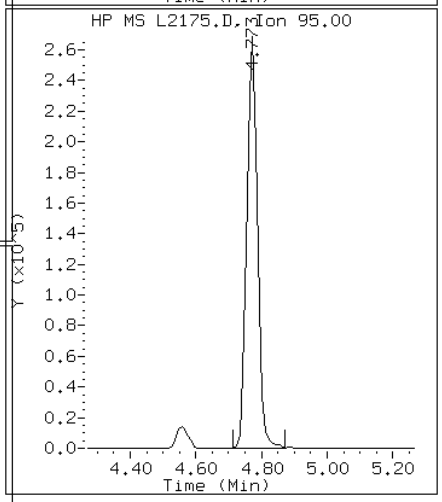
Operator: B.KOSTRZEWSKA

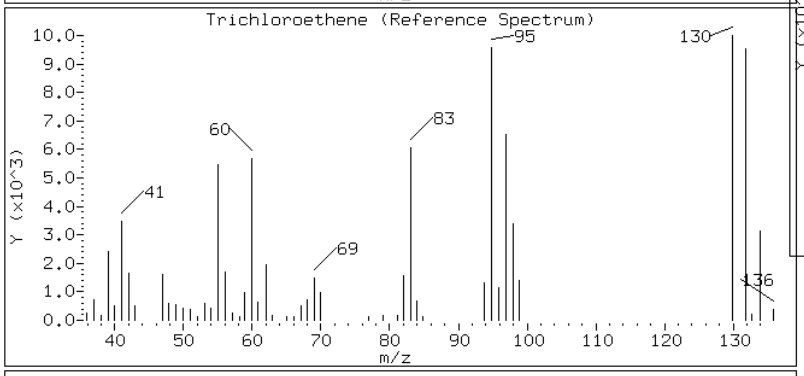
60 Trichloroethene

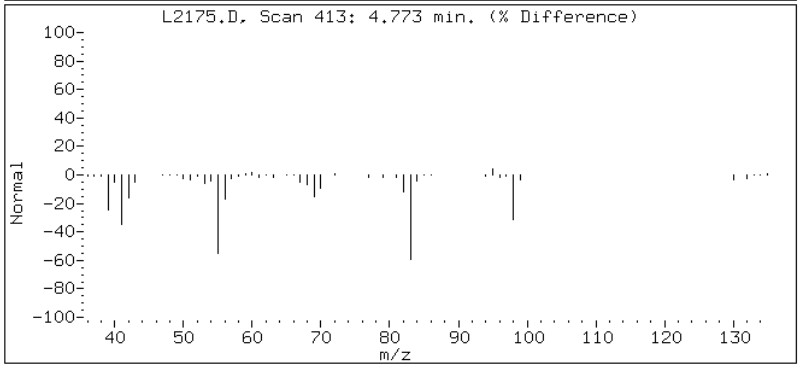












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-30S | Lab Sample ID: 220-7654-3

Matrix: Water | Lab File ID: L2170.D

Analysis Method: 8260B | Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 12:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	1.8	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-30S Lab Sample ID: 220-7654-3

Matrix: Water Lab File ID: L2170.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 12:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	53-125	
460-00-4	4-Bromofluorobenzene	107	73-127	
1868-53-7	Dibromofluoromethane	93	54-137	
2037-26-5	Toluene-d8 (Surr)	99	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2170.D
Lab Smp Id: 220-7654-D-3 Client Smp ID: MW-30S
Inj Date : 02-JAN-2009 12:10 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-d-3
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.556	4.561	(1.000)	386688	25.0000	
	20 Methylene Chloride	84	2.086	2.091	(0.458)	849	0.17205	0.2(M)
$	41 Dibromofluoromethane	111	3.562	3.558	(0.782)	139547	23.3123	23
$	55 1,2-Dichloroethane-d4	65	4.202	4.197	(0.922)	210173	23.0963	23
	60 Trichloroethene	130	4.773	4.778	(1.048)	8754	1.79509	2
*	75 Chlorobenzene-d5	117	7.716	7.711	(1.000)	348996	25.0000	
$	77 Toluene-d8	98	6.269	6.264	(0.812)	381571	24.7184	25
*	95 1,4-Dichlorobenzene-d4	152	9.783	9.778	(1.000)	122110	25.0000	
	99 4-Ethyltoluene	105	9.025	9.030	(0.923)	36373	3.43417	3
	102 n-Propylbenzene	91	8.926	8.932	(0.912)	10528	0.86773	0.9
	105 1,3,5-Trimethylbenzene	105	9.104	9.099	(0.931)	43271	4.64073	5
	107 1,2,4-Trimethylbenzene	105	9.438	9.434	(0.965)	78249	8.49605	8
$	125 Bromofluorobenzene	95	8.808	8.804	(0.900)	133107	26.8658	27

QC Flag Legend

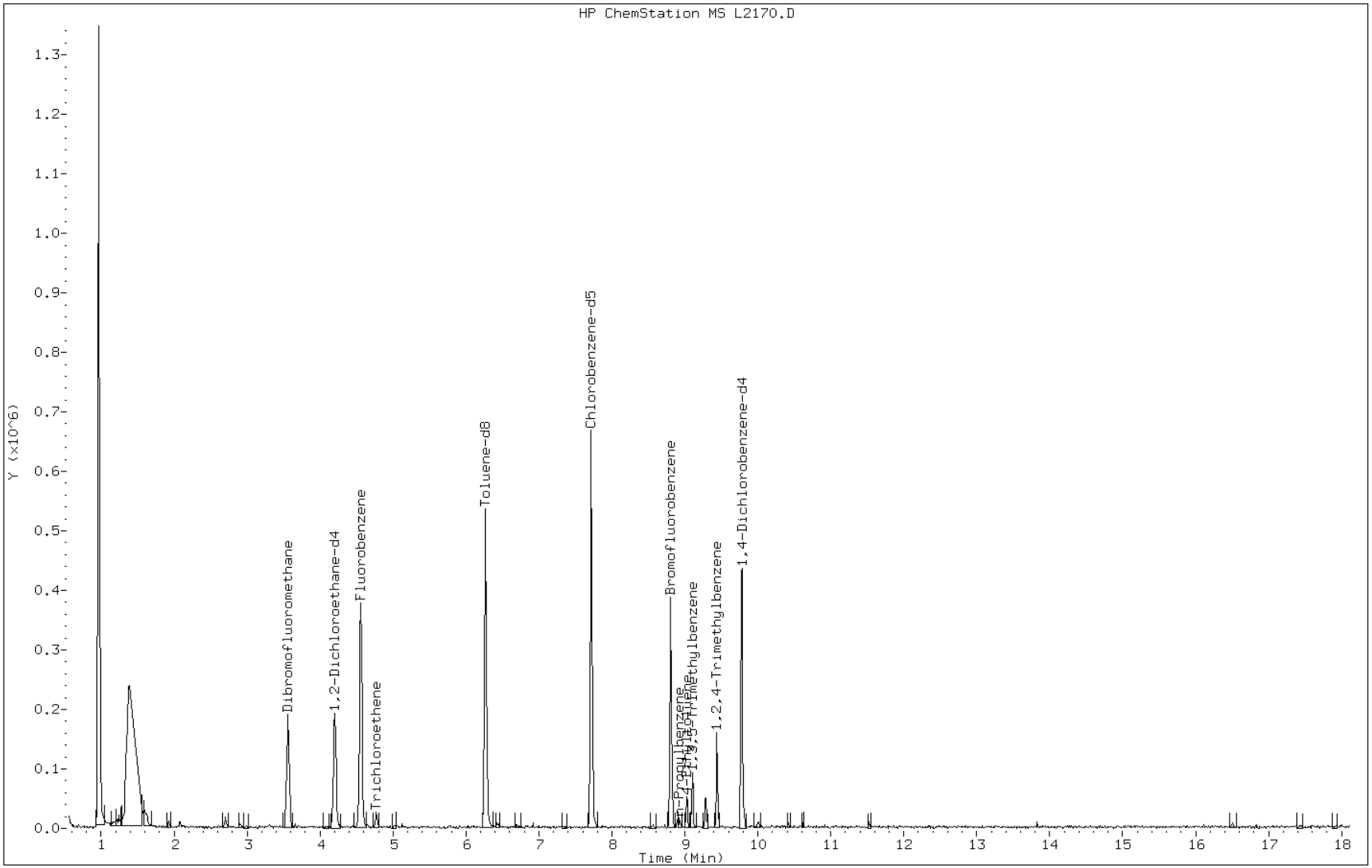
M - Compound response manually integrated.

Data File: L2170.D

Date: 02-JAN-2009 12:10

Client ID: MW-30S Instrument: msl.i

Sample Info: 220-7654-d-3 Operator: B.KOSTRZEWSKA



Data File: L2170.D

Date: 02-JAN-2009 12:10

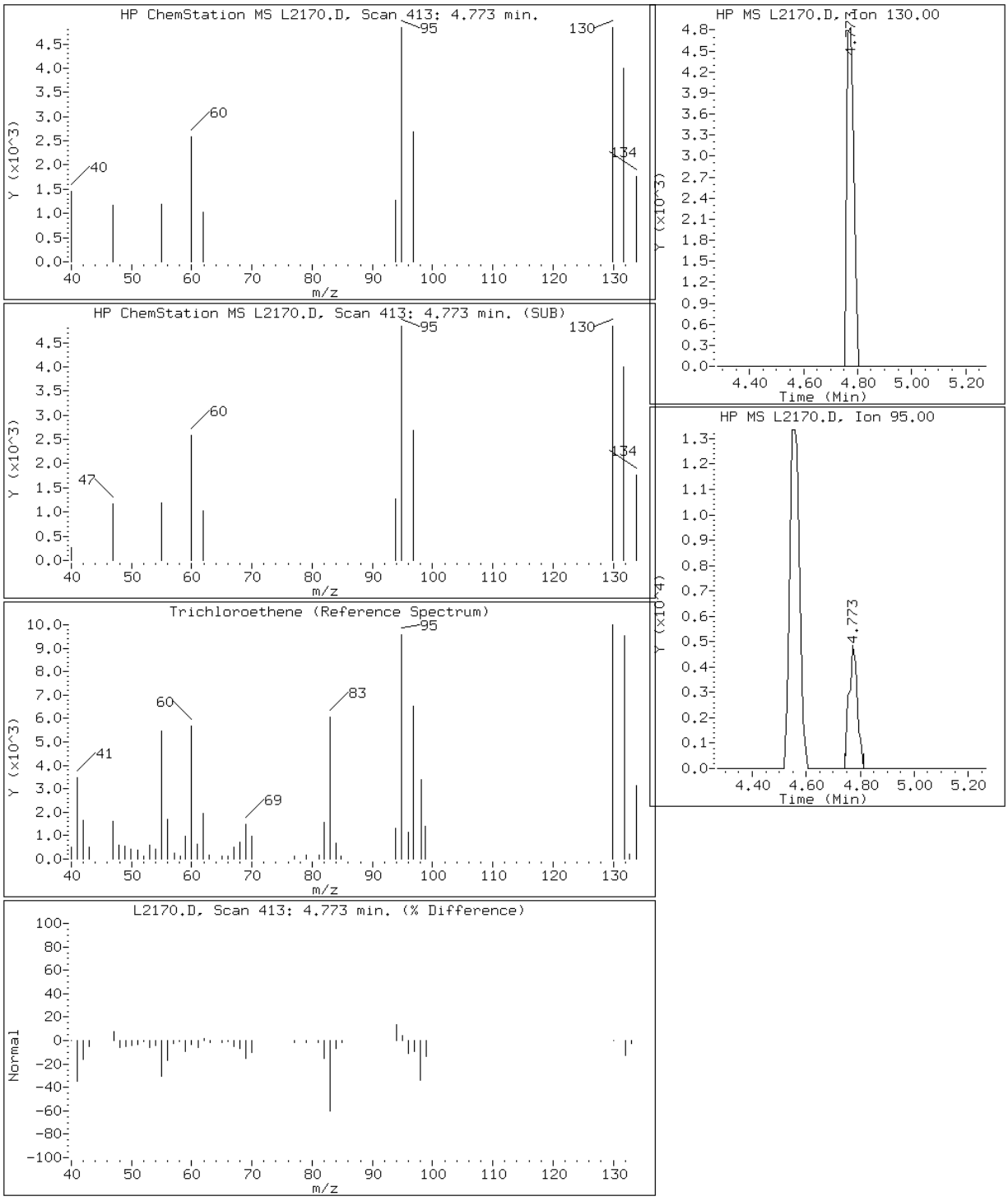
Client ID: MW-30S

Instrument: msl.i

Sample Info: 220-7654-d-3

Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-30I | Lab Sample ID: 220-7654-4

Matrix: Water | Lab File ID: L2171.D

Analysis Method: 8260B | Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 12:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	12		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: MW-30I Lab Sample ID: 220-7654-4

Matrix: Water Lab File ID: L2171.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 12:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	53-125	
460-00-4	4-Bromofluorobenzene	127	73-127	
1868-53-7	Dibromofluoromethane	98	54-137	
2037-26-5	Toluene-d8 (Surr)	97	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2171.D
Lab Smp Id: 220-7654-D-4 Client Smp ID: MW-30I
Inj Date : 02-JAN-2009 12:35 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-d-4
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.556	4.561	(1.000)	381046	25.0000	
$	41 Dibromofluoromethane	111	3.562	3.558	(0.782)	144832	24.5535	24
$	55 1,2-Dichloroethane-d4	65	4.202	4.197	(0.922)	210329	23.4556	23
	60 Trichloroethene	130	4.773	4.778	(1.048)	58850	12.2464	12
*	75 Chlorobenzene-d5	117	7.715	7.711	(1.000)	356126	25.0000	
$	77 Toluene-d8	98	6.269	6.264	(0.812)	381659	24.2291	24
*	95 1,4-Dichlorobenzene-d4	152	9.782	9.778	(1.000)	103578	25.0000	
$	125 Bromofluorobenzene	95	8.808	8.804	(0.900)	133298	31.7180	32

Data File: L2171.D

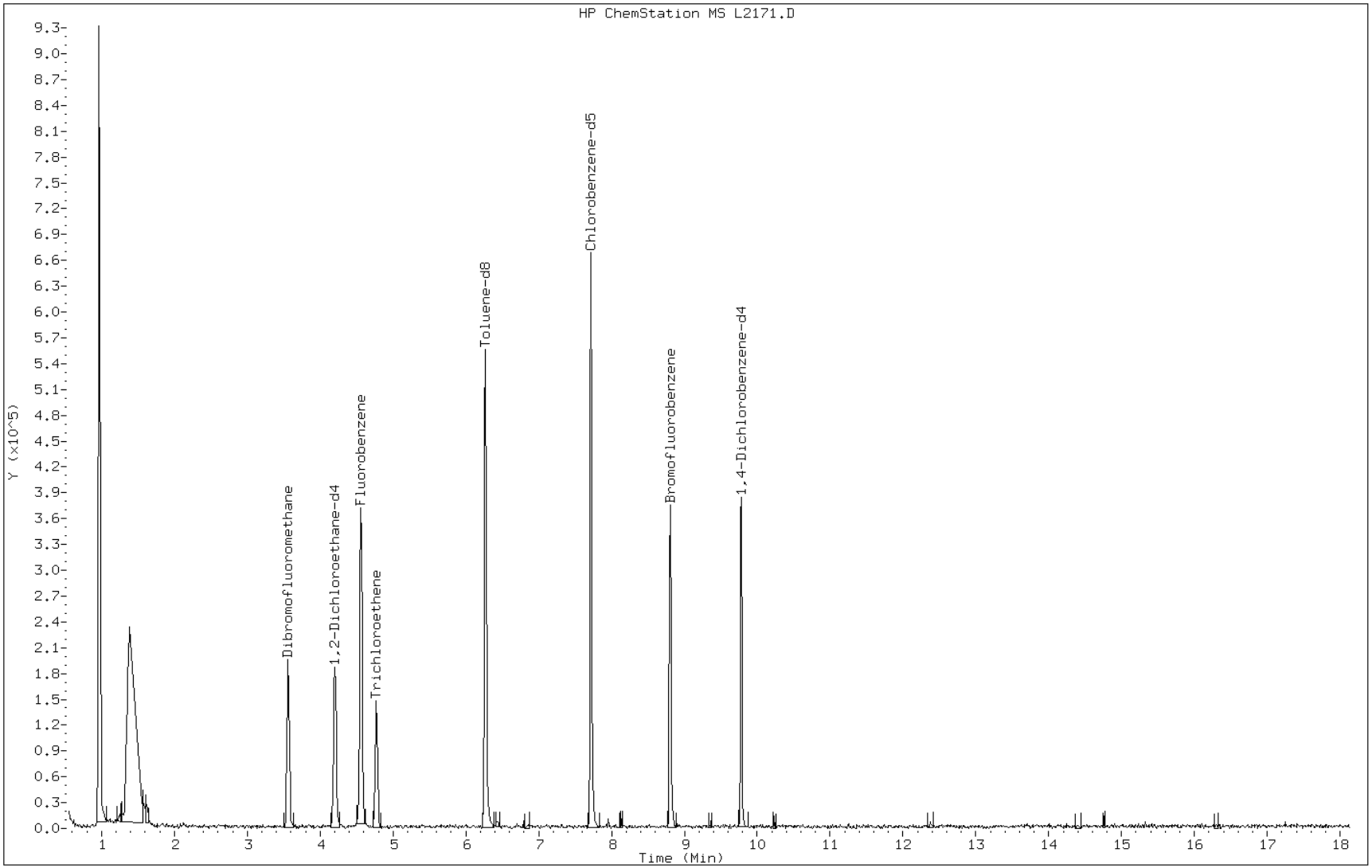
Date: 02-JAN-2009 12:35

Client ID: MW-30I

Instrument: msl.i

Sample Info: 220-7654-d-4

Operator: B.KOSTRZEWSKA



Data File: L2171.D

Date: 02-JAN-2009 12:35

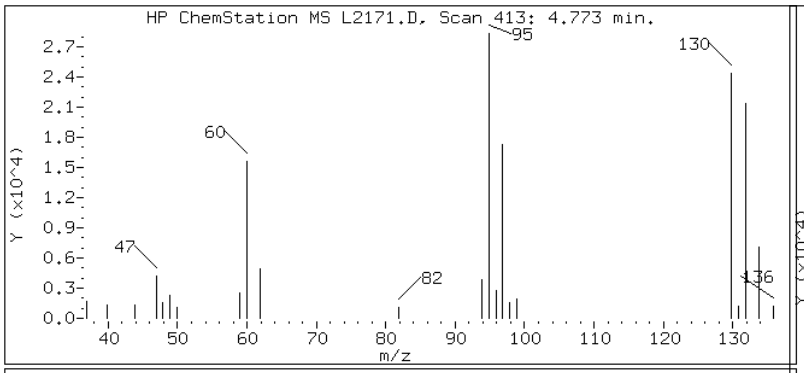
Client ID: MW-30I

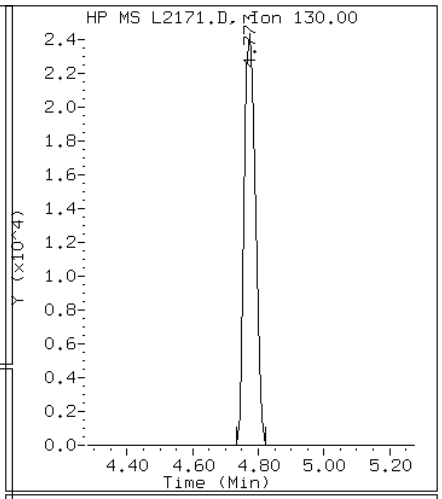
Instrument: msl.i

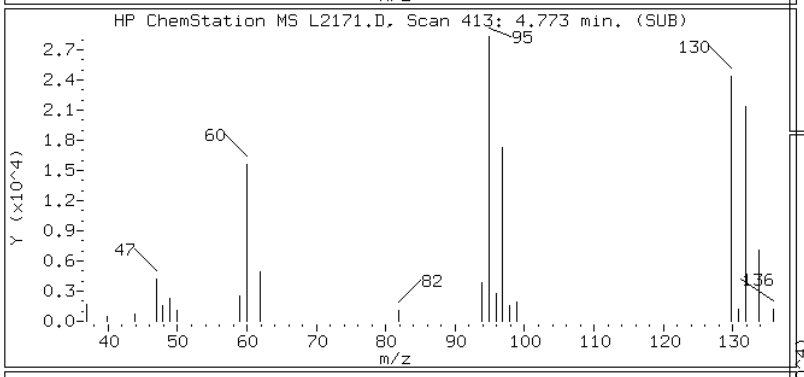
Sample Info: 220-7654-d-4

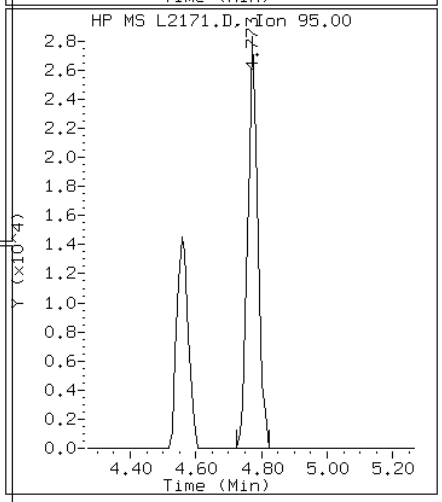
Operator: B.KOSTRZEWSKA

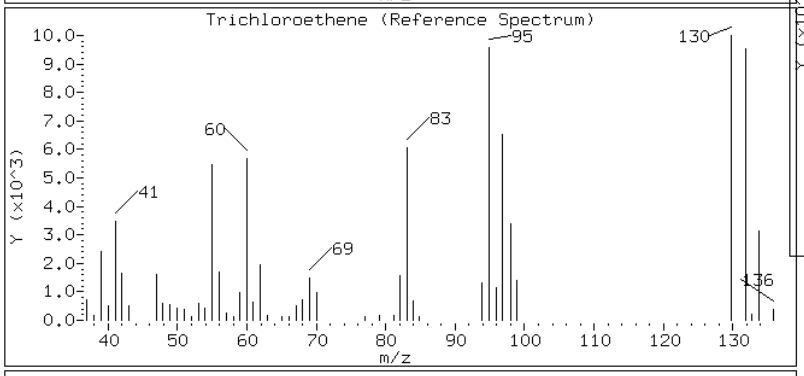
60 Trichloroethene

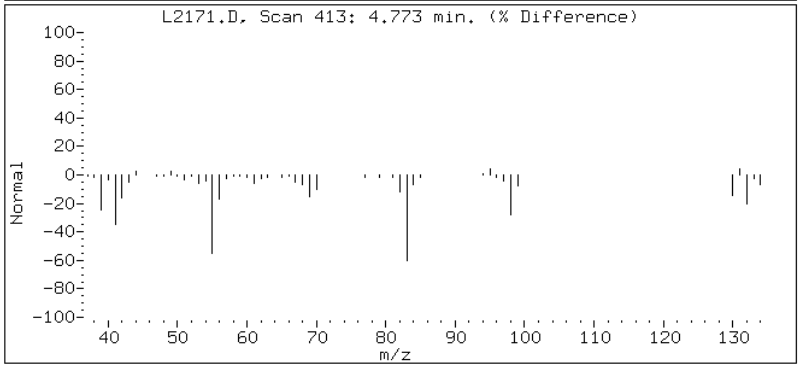












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: DUP-122308 | Lab Sample ID: 220-7654-5

Matrix: Water | Lab File ID: L2172.D

Analysis Method: 8260B | Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 13:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.2	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: DUP-122308 Lab Sample ID: 220-7654-5

Matrix: Water Lab File ID: L2172.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86	53-125	
460-00-4	4-Bromofluorobenzene	119	73-127	
1868-53-7	Dibromofluoromethane	90	54-137	
2037-26-5	Toluene-d8 (Surr)	89	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2172.D
Lab Smp Id: 220-7654-D-5 Client Smp ID: DUP-122308
Inj Date : 02-JAN-2009 13:00 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-d-5
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.556	4.561	(1.000)	375130	25.0000	
	20 Methylene Chloride	84	2.086	2.091	(0.458)	656	0.13704	0.1(MH)
$	41 Dibromofluoromethane	111	3.562	3.558	(0.782)	130364	22.4493	22
$	55 1,2-Dichloroethane-d4	65	4.202	4.197	(0.922)	189728	21.4919	21
*	75 Chlorobenzene-d5	117	7.716	7.711	(1.000)	350350	25.0000	
$	77 Toluene-d8	98	6.269	6.264	(0.812)	345344	22.2851	22
	80 Tetrachloroethene	164	6.702	6.697	(0.869)	4300	1.20145	1
*	95 1,4-Dichlorobenzene-d4	152	9.783	9.778	(1.000)	101726	25.0000	
$	125 Bromofluorobenzene	95	8.808	8.804	(0.900)	122360	29.6454	30

QC Flag Legend

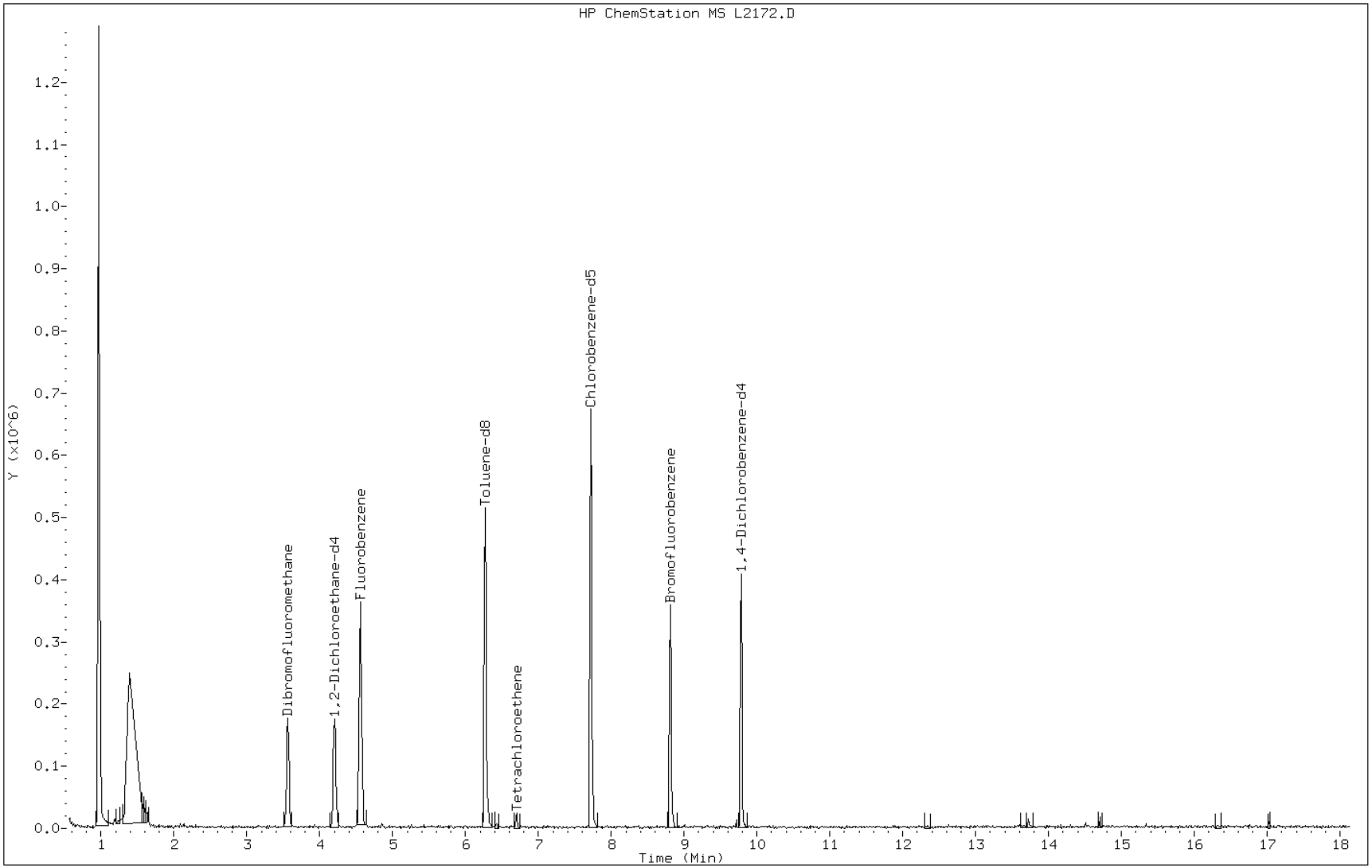
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L2172.D

Date: 02-JAN-2009 13:00

Client ID: DUP-122308 Instrument: msl.i

Sample Info: 220-7654-d-5 Operator: B.KOSTRZEWSKA



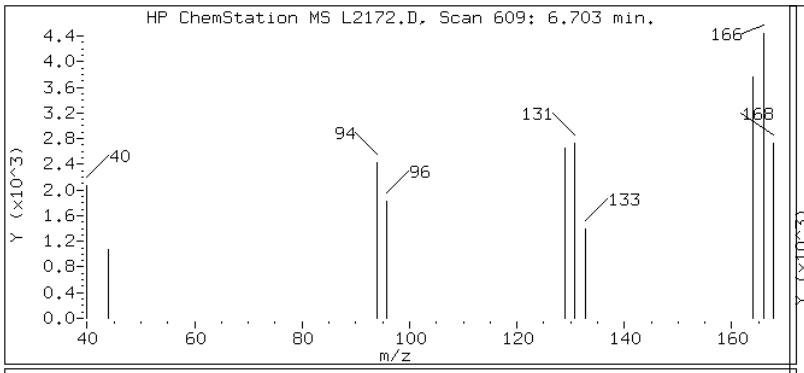
Data File: L2172.D

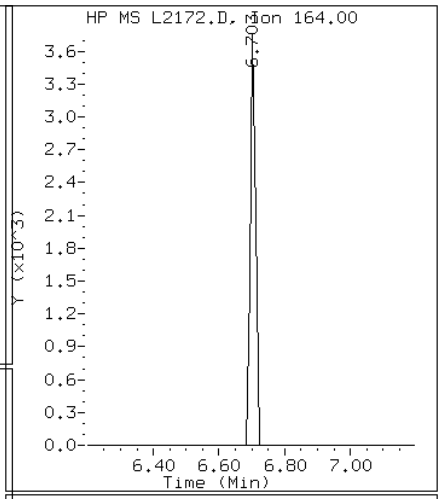
Date: 02-JAN-2009 13:00

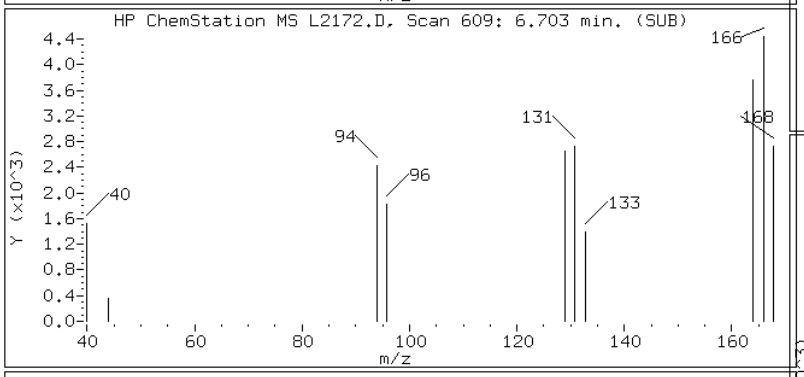
Client ID: DUP-122308 Instrument: msl.i

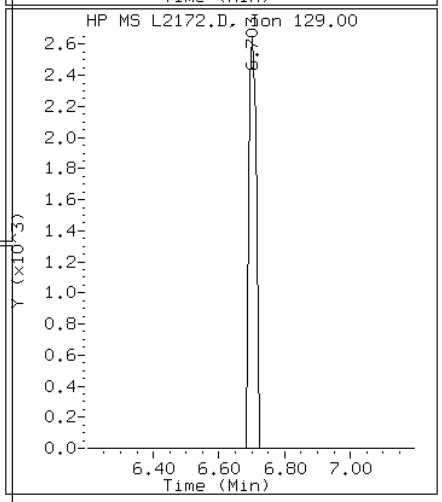
Sample Info: 220-7654-d-5 Operator: B.KOSTRZEWSKA

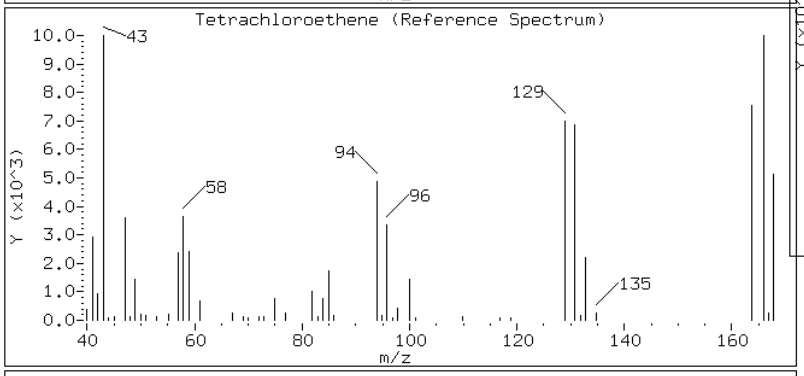
80 Tetrachloroethene

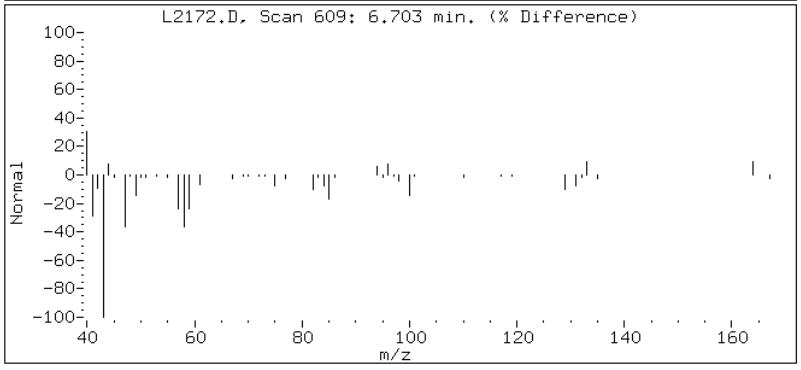












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: FIELD BLANK-122308 | Lab Sample ID: 220-7654-6

Matrix: Water | Lab File ID: L2173.D

Analysis Method: 8260B | Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 13:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: FIELD BLANK-122308 Lab Sample ID: 220-7654-6

Matrix: Water Lab File ID: L2173.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 13:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97	53-125	
460-00-4	4-Bromofluorobenzene	113	73-127	
1868-53-7	Dibromofluoromethane	99	54-137	
2037-26-5	Toluene-d8 (Surr)	97	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2173.D
Lab Smp Id: 220-7654-D-6 Client Smp ID: FIELD BLANK-122308
Inj Date : 02-JAN-2009 13:24 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-d-6
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

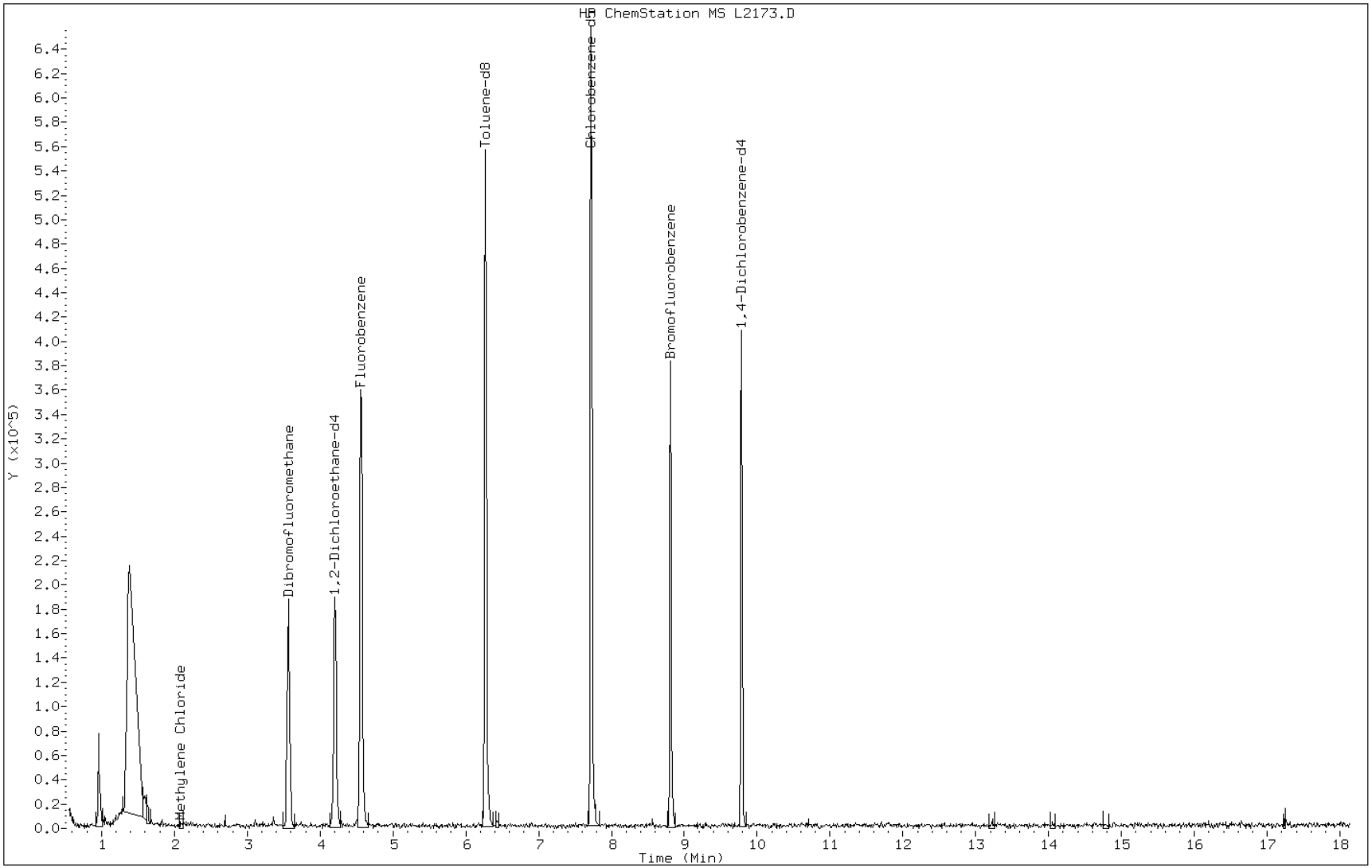
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.567	4.561	(1.000)	376752	25.0000	
20 Methylene Chloride	84	2.096	2.091	(0.459)	1414	0.29411	0.3
$ 41 Dibromofluoromethane	111	3.563	3.558	(0.780)	143801	24.6566	25
$ 55 1,2-Dichloroethane-d4	65	4.202	4.197	(0.920)	214334	24.1747	24
* 75 Chlorobenzene-d5	117	7.716	7.711	(1.000)	340000	25.0000	
$ 77 Toluene-d8	98	6.269	6.264	(0.813)	364687	24.2497	24
* 95 1,4-Dichlorobenzene-d4	152	9.783	9.778	(1.000)	107845	25.0000	
$ 125 Bromofluorobenzene	95	8.809	8.804	(0.900)	123988	28.3354	28

Data File: L2173.D

Date: 02-JAN-2009 13:24

Client ID: FIELD BLANK-122308 Instrument: msl.i

Sample Info: 220-7654-d-6 Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: TRIP BLANK-122308 | Lab Sample ID: 220-7654-7

Matrix: Water | Lab File ID: L2174.D

Analysis Method: 8260B | Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 13:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: TRIP BLANK-122308 Lab Sample ID: 220-7654-7

Matrix: Water Lab File ID: L2174.D

Analysis Method: 8260B Date Received: 12/24/2008 10:40

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 13:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	53-125	
460-00-4	4-Bromofluorobenzene	125	73-127	
1868-53-7	Dibromofluoromethane	99	54-137	
2037-26-5	Toluene-d8 (Surr)	97	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2174.D
Lab Smp Id: 220-7654-C-7 Client Smp ID: TRIP BLANK-122308
Inj Date : 02-JAN-2009 13:49 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-7654-c-7
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

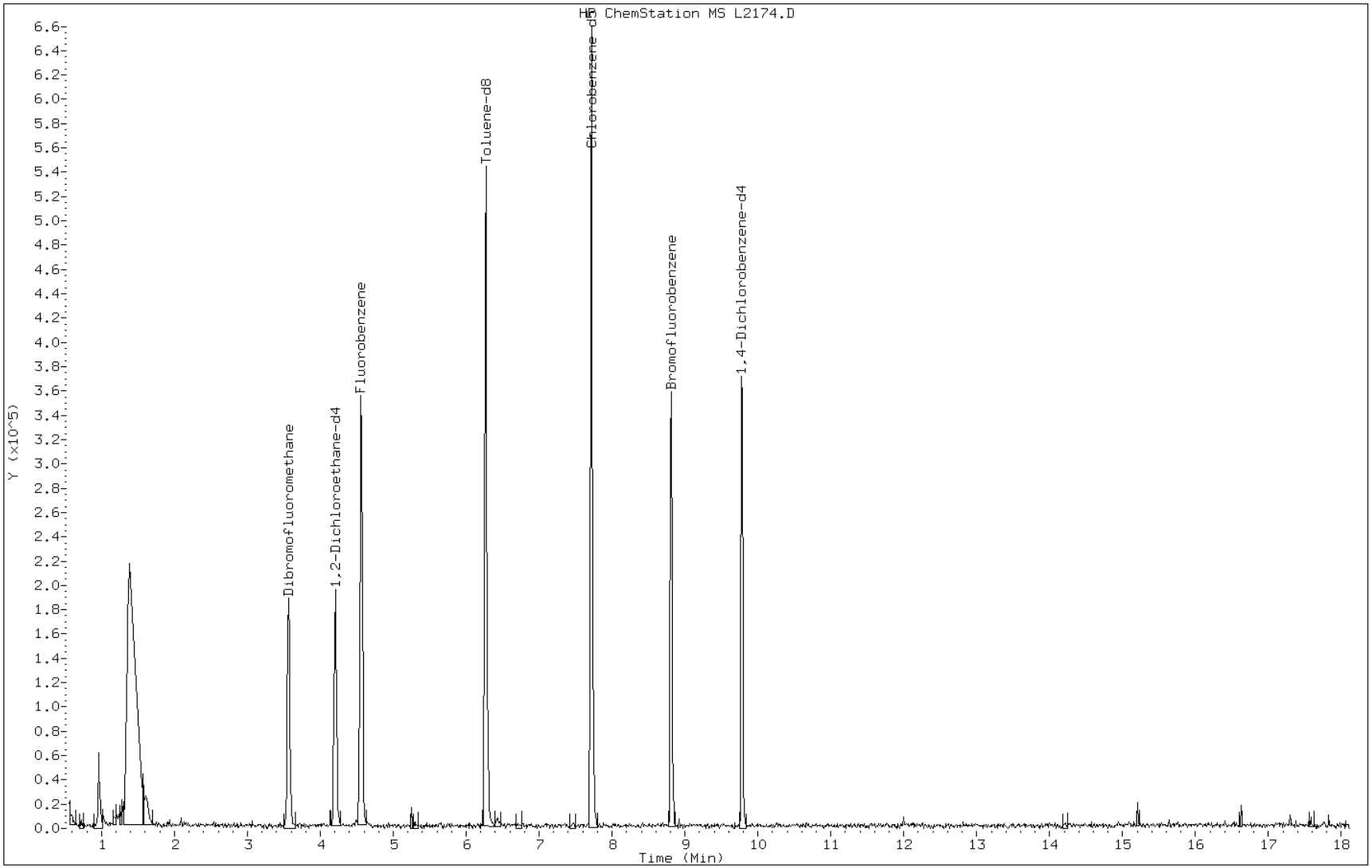
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.558	4.561	(1.000)	364185	25.0000	
	20 Methylene Chloride	84	2.088	2.091	(0.458)	1773	0.38150	0.4
$	41 Dibromofluoromethane	111	3.564	3.558	(0.782)	140154	24.8605	25
$	55 1,2-Dichloroethane-d4	65	4.204	4.197	(0.922)	203492	23.7438	24
*	75 Chlorobenzene-d5	117	7.718	7.711	(1.000)	353950	25.0000	
$	77 Toluene-d8	98	6.271	6.264	(0.813)	379207	24.2214	24
*	95 1,4-Dichlorobenzene-d4	152	9.785	9.778	(1.000)	102330	25.0000	
$	125 Bromofluorobenzene	95	8.810	8.804	(0.900)	130097	31.3339	31

Data File: L2174.D

Date: 02-JAN-2009 13:49

Client ID: TRIP BLANK-122308 Instrument: msl.i

Sample Info: 220-7654-c-7 Operator: B.KOSTRZEWSKA



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-23261/5	L1956.D
Level 2	IC 220-23261/4	L1955.D
Level 3	IC 220-23261/3	L1954.D
Level 4	IC 220-23261/2	L1953.D
Level 5	IC 220-23261/1	L1952.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachloroethane	0	0	0	0	0	Ave								15.0			
Pentachloroethane	0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.2980	0.2998	0.2463	0.2895	0.2988	Ave		0.2865				8.0		15.0			
Chloromethane	0.2808	0.2608	0.2278	0.2719	0.2933	Ave		0.2669			0.1000	9.3		15.0			
Vinyl chloride	0.2766	0.2739	0.2500	0.2806	0.2884	Ave		0.2739				5.3		30.0			
Bromomethane	0.2009	0.1703	0.1433	0.1713	0.1779	Ave		0.1727				11.9		15.0			
Chloroethane	0.2021	0.1767	0.1554	0.1763	0.1724	Ave		0.1766				9.5		15.0			
Trichlorofluoromethane	0.6332	0.5804	0.5085	0.6046	0.6141	Ave		0.5882				8.2		15.0			
Dichlorofluoromethane	0.6689	0.6970	0.6370	0.7456	0.7498	Ave		0.6997				7.0		15.0			
Ethanol	0.0216	0.0236	0.0228	0.0268	0.0269	Ave		0.0243				9.8		15.0			
Ethyl ether	0.2129	0.1951	0.1797	0.1946	0.1945	Ave		0.1954				6.0		15.0			
1,1-Dichloro-1-fluoroethane	0.7253	0.7250	0.7072	0.8107	0.8065	Ave		0.7549				6.6		15.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.0878	0.1058	0.0938	0.1159	0.1109	Ave		0.1028				11.4		15.0			
1,1-Dichloroethene	0.2317	0.2479	0.2319	0.2682	0.2637	Ave		0.2487				6.9		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2654	0.2954	0.2772	0.3251	0.3250	Ave		0.2976				9.1		15.0			
Carbon disulfide	0.9195	0.9561	0.8865	1.0559	1.0587	Ave		0.9753				8.1		15.0			
Iodomethane	0.1555	0.2388	0.2575	0.3116	0.3202	Lin	0.2364	0.3290							0.9985		
Acrolein	0.0213	0.0204	0.0210	0.0192	0.0209	Ave		0.0205				4.0		15.0			
3-Chloro-1-propene	0.4601	0.4783	0.4545	0.4981	0.4812	Ave		0.4744				3.7		15.0			
Isopropyl alcohol	0.0307	0.0514	0.0561	0.0599	0.0561	Lin	0.0320	0.0571							0.9982		
Methylene Chloride	0.3358	0.3125	0.2950	0.3224	0.3294	Ave		0.3190				5.0		15.0			
Acetone	0.1843	0.1670	0.1621	0.1507	0.1450	Ave		0.1618				9.5		15.0			
Methyl acetate	1.5992	1.5395	1.5240	1.5405	1.4754	Ave		1.5357				2.9		15.0			
trans-1,2-Dichloroethene	0.2890	0.2846	0.2708	0.3224	0.3184	Ave		0.2971				7.5		15.0			
Methyl tert-butyl ether	1.1046	1.1473	1.1071	1.2274	1.1862	Ave		1.1545				4.6		15.0			
2-Methyl-2-propanol	0.0643	0.0586	0.0579	0.0576	0.0551	Ave		0.0587				5.8		15.0			
Acetonitrile	0.0376	0.0352	0.0345	0.0351	0.0326	Ave		0.0350				5.2		15.0			
Isopropyl ether	0.9939	1.0697	1.0481	1.1686	1.1492	Ave		1.0859				6.7		15.0			
2-Chloro-1,3-butadiene	0.2084	0.2390	0.2097	0.2536	0.2513	Ave		0.2324				9.5		15.0			
1,1-Dichloroethane	0.6361	0.5954	0.5790	0.6590	0.6419	Ave		0.6223			0.1000	5.4		15.0			
Acrylonitrile	0.1152	0.1522	0.1481	0.1253	0.1278	Ave		0.1337				11.8		15.0			
Vinyl acetate	0.9129	0.9358	0.9026	0.9753	0.9473	Ave		0.9348				3.1		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tert-butyl ethyl ether	1.2099	1.2111	1.1423	1.2936	1.2710	Ave		1.2256				4.8		15.0			
cis-1,2-Dichloroethene	0.3201	0.3320	0.3014	0.3418	0.3366	Ave		0.3264				4.9		15.0			
2,2-Dichloropropane	0.6338	0.6363	0.5875	0.6928	0.6870	Ave		0.6475				6.7		15.0			
1-Bromopropane	0.4600	0.4752	0.4504	0.5240	0.5088	Ave		0.4837				6.5		15.0			
Chlorobromomethane	0.1434	0.1670	0.1670	0.1811	0.1812	Ave		0.1679				9.2		15.0			
Cyclohexane	0.3336	0.3203	0.2957	0.3542	0.3548	Ave		0.3317				7.5		15.0			
Chloroform	0.6962	0.7038	0.6636	0.7509	0.7545	Ave		0.7138				5.4		30.0			
Methyl acrylate	0.3038	0.3090	0.3190	0.3226	0.3222	Lin	0.0555	0.3252							0.9999		
Carbon tetrachloride	0.4898	0.5651	0.5347	0.6299	0.6357	Ave		0.5711				10.9		15.0			
Tetrahydrofuran	0.1074	0.0989	0.1081	0.1003	0.1009	Ave		0.1031				4.1		15.0			
Ethyl acetate	0.0230	0.0338	0.0300	0.0291	0.0253	Ave		0.0282				14.9		15.0			
1,1,1-Trichloroethane	0.5533	0.5901	0.5697	0.6724	0.6647	Ave		0.6100				9.0		15.0			
2-Butanone (MEK)	0.2018	0.1933	0.1925	0.1914	0.1843	Ave		0.1926				3.2		15.0			
1,1-Dichloropropene	0.4235	0.4621	0.4347	0.5196	0.5098	Ave		0.4699				9.2		15.0			
1-Chlorobutane	0.6552	0.6818	0.6456	0.7567	0.7421	Ave		0.6963				7.3		15.0			
Propionitrile	0.0465	0.0478	0.0464	0.0461	0.0451	Ave		0.0464				2.1		15.0			
n-Heptane	0.3697	0.2655	0.2645	0.2816	0.2475	Lin	-0.153	0.2488							0.9952		
Benzene	1.0224	1.1176	1.0289	1.1647	1.1515	Ave		1.0970				6.1		15.0			
Methacrylonitrile	0.5586	0.4846	0.4932	0.5049	0.4597	Ave		0.5002				7.3		15.0			
Tert-amyl methyl ether	0.9987	1.0307	1.0013	1.0963	1.0674	Ave		1.0389				4.1		15.0			
Isobutyl alcohol	0.0043	0.0055	0.0056	0.0061	0.0061	Ave		0.0055				13.1		15.0			
1,2-Dichloroethane	0.6410	0.6579	0.6508	0.7146	0.6922	Ave		0.6713				4.6		15.0			
tert-Butyl Formate	0.1301	0.1409	0.1433	0.1516	0.1417	Ave		0.1415				5.4		15.0			
1,4-Dioxane	0	0.0015	0.0025	0.0027	0.0024	Lin	1.3339	0.0025							0.9940		
Methylcyclohexane	0.2504	0.2695	0.2585	0.3010	0.2934	Ave		0.2746				8.0		15.0			
Isopropyl acetate	0.0049	0.0073	0.0100	0.0056	0.0090	Ave		0.0074				29.1	*	15.0			
Trichloroethene	0.3002	0.3009	0.2910	0.3475	0.3369	Ave		0.3153				8.0		15.0			
n-Butanol	0.0080	0.0088	0.0096	0.0097	0.0093	Ave		0.0091				7.8		15.0			
Dibromomethane	0.2444	0.2385	0.2376	0.2576	0.2359	Ave		0.2428				3.6		15.0			
1,2-Dichloropropane	0.2999	0.2923	0.2706	0.3099	0.3017	Ave		0.2949				5.1		30.0			
Dichlorobromomethane	0.5183	0.5187	0.5122	0.5830	0.5822	Ave		0.5429				6.7		15.0			
Methyl methacrylate	0.2629	0.2608	0.2627	0.2817	0.2732	Ave		0.2683				3.3		15.0			
2-Chloroethyl vinyl ether	0.1080	0.1213	0.1290	0.1422	0.1391	Ave		0.1279				10.8		15.0			
n-Propyl acetate	0.0535	0.0587	0.0577	0.0613	0.0607	Ave		0.0584				5.3		15.0			
cis-1,3-Dichloropropene	0.5037	0.5313	0.5286	0.5911	0.5846	Ave		0.5479				7.0		15.0			
Toluene	1.2092	1.2004	1.1111	1.2947	1.2743	Ave		1.2179				5.9		30.0			
Chloroacetonitrile	0.0108	0.0113	0.0105	0.0107	0.0107	Ave		0.0108				2.9		15.0			
2-Nitropropane	0.1811	0.1856	0.1941	0.1949	0.1839	Ave		0.1879				3.3		15.0			
1,1-Dichloroacetone	0.2877	0.2799	0.2749	0.2887	0.2680	Ave		0.2798				3.1		15.0			
4-Methyl-2-pentanone (MIBK)	0.4261	0.4397	0.4090	0.4363	0.4116	Ave		0.4245				3.3		15.0			
Tetrachloroethene	0.2644	0.2604	0.2176	0.2708	0.2637	Ave		0.2554				8.4		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,3-Dichloropropene	0.4916	0.5379	0.5481	0.6238	0.6125	Ave		0.5628				9.8		15.0			
1,1,2-Trichloroethane	0.2475	0.2858	0.2653	0.2918	0.2822	Ave		0.2745				6.6		15.0			
Ethyl methacrylate	0.3978	0.4370	0.4188	0.4608	0.4311	Ave		0.4291				5.4		15.0			
Chlorodibromomethane	0.4212	0.4513	0.4250	0.4877	0.4789	Ave		0.4528				6.7		15.0			
1,3-Dichloropropane	0.5709	0.5461	0.5146	0.5913	0.5760	Ave		0.5598				5.4		15.0			
Ethylene Dibromide	0.3490	0.3702	0.3369	0.3863	0.3769	Ave		0.3639				5.6		15.0			
n-Butyl acetate	0.1804	0.2161	0.2059	0.2238	0.2174	Ave		0.2087				8.2		15.0			
2-Hexanone	0.3032	0.3143	0.2984	0.3118	0.3059	Ave		0.3067				2.1		15.0			
Chlorobenzene	0.7682	0.7691	0.7283	0.8437	0.8221	Ave		0.7863			0.3000	5.9		15.0			
1-Chlorohexane	0.3258	0.3521	0.3388	0.3556	0.3483	Ave		0.3441				3.5		15.0			
Ethylbenzene	0.3183	0.3430	0.3354	0.4002	0.3823	Ave		0.3558				9.6		30.0			
1,1,1,2-Tetrachloroethane	0.3243	0.3580	0.3377	0.3913	0.3772	Ave		0.3577				7.7		15.0			
m-Xylene & p-Xylene	0.4452	0.4339	0.4077	0.4925	0.4683	Ave		0.4495				7.2		15.0			
o-Xylene	0.4468	0.4408	0.4056	0.4758	0.4665	Ave		0.4471				6.1		15.0			
Styrene	0.6887	0.7132	0.6870	0.8175	0.7953	Ave		0.7403				8.3		15.0			
Bromoform	0.2498	0.3253	0.3177	0.3619	0.3547	Ave		0.3219			0.1000	13.8		15.0			
Isopropylbenzene	2.3861	2.1710	2.0318	2.3690	2.3095	Ave		2.2535				6.7		15.0			
Bromobenzene	0.9101	0.7909	0.7593	0.8382	0.8204	Ave		0.8238				6.9		15.0			
N-Propylbenzene	2.5376	2.4203	2.2647	2.6252	2.5721	Ave		2.4840				5.8		15.0			
1,1,2,2-Tetrachloroethane	1.0414	0.9128	0.8636	0.8881	0.8356	Ave		0.9083			0.3000	8.8		15.0			
4-Ethyltoluene	2.2104	2.1026	1.9949	2.3046	2.2295	Ave		2.1684				5.6		15.0			
2-Chlorotoluene	2.3934	2.1037	1.9391	2.1800	2.1140	Ave		2.1460				7.7		15.0			
1,2,3-Trichloropropane	0.3947	0.3551	0.3102	0.3030	0.2997	Ave		0.3325				12.4		15.0			
1,3,5-Trimethylbenzene	2.1908	1.8752	1.7191	1.9239	1.8358	Ave		1.9090				9.2		15.0			
trans-1,4-Dichloro-2-butene	0.2440	0.2666	0.2893	0.3308	0.3321	Ave		0.2926				13.3		15.0			
4-Chlorotoluene	2.0246	1.8912	1.7906	2.0311	1.9579	Ave		1.9391				5.2		15.0			
tert-Butylbenzene	1.5670	1.3354	1.2635	1.4615	1.4082	Ave		1.4071				8.3		15.0			
1,2,4-Trimethylbenzene	1.9869	1.8780	1.7236	1.9728	1.8667	Ave		1.8856				5.6		15.0			
sec-Butylbenzene	1.9805	1.7444	1.6069	1.8787	1.7534	Ave		1.7928				7.9		15.0			
4-Isopropyltoluene	1.8256	1.6071	1.4890	1.7592	1.7123	Ave		1.6787				7.9		15.0			
1,3-Dichlorobenzene	1.1053	1.1105	1.0337	1.1986	1.1526	Ave		1.1201				5.5		15.0			
1,4-Dichlorobenzene	1.1804	1.1339	1.0714	1.2682	1.2017	Ave		1.1711				6.3		15.0			
p-Diethylbenzene	0.2464	0.3197	0.3479	0.4009	0.3900	Lin	0.1293	0.3988							0.9989		
Benzyl chloride	0.1381	0.2144	0.2582	0.2994	0.3003	Lin	0.2038	0.3087							0.9992		
n-Butylbenzene	1.6383	1.8155	1.8502	1.7958	1.6173	Ave		1.7434				6.2		15.0			
1,2-Dichlorobenzene	1.1678	1.1217	1.0513	1.1954	1.1050	Ave		1.1282				5.0		15.0			
1,2,4,5-Tetramethylbenzene	0.3443	0.5966	0.6447	0.7741	0.7163	Lin	0.1134	0.7387							0.9967		
1,2-Dibromo-3-Chloropropane	0.0979	0.1708	0.1926	0.2042	0.2017	Lin	0.1049	0.2053							0.9998		
Nitrobenzene	0.0024	0.0097	0.0236	0.0452	0.0572	Qua	5.4600	22.501	-1.367						0.9914		
Hexachlorobutadiene	0.7945	0.5002	0.4212	0.3995	0.3384	Lin	-0.471	0.3288							0.9936		
1,2,4-Trichlorobenzene	0.0679	0.3908	0.5200	0.6568	0.6295	Lin	0.2557	0.6580							0.9973		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	0.0249	0.6062	1.0401	1.4080	1.4265	Lin	0.3929	1.5046							0.9971		
1,2,3-Trichlorobenzene	0.0627	0.3890	0.4847	0.6021	0.5807	Lin	0.2398	0.6048							0.9978		
Dibromofluoromethane	0.3619	0.3733	0.4027	0.4024	0.3947	Ave		0.3870				4.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.5965	0.5715	0.5987	0.5992	0.5758	Ave		0.5883				2.3		15.0			
Toluene-d8 (Surr)	1.1119	1.0837	1.0964	1.1403	1.0967	Ave		1.1058				2.0		15.0			
4-Bromofluorobenzene	1.1108	0.9555	1.0317	1.0020	0.9717	Ave		1.0144				6.0		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-23261/5	L1956.D
Level 2	IC 220-23261/4	L1955.D
Level 3	IC 220-23261/3	L1954.D
Level 4	IC 220-23261/2	L1953.D
Level 5	IC 220-23261/1	L1952.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Hexachloroethane	DCB	Ave	0	0	0	0	0	5.00	20.0	50.0	100	200
Pentachloroethane	DCB	Ave	0	0	0	0	0	5.00	20.0	50.0	100	200
Dichlorodifluoromethane	FB	Ave	23534	94292	186156	437993	926494	5.00	20.0	50.0	100	200
Chloromethane	FB	Ave	22179	82043	172210	411332	909541	5.00	20.0	50.0	100	200
Vinyl chloride	FB	Ave	21844	86144	188932	424484	894235	5.00	20.0	50.0	100	200
Bromomethane	FB	Ave	15870	53577	108312	259105	551607	5.00	20.0	50.0	100	200
Chloroethane	FB	Ave	15959	55593	117443	266745	534494	5.00	20.0	50.0	100	200
Trichlorofluoromethane	FB	Ave	50011	182567	384316	914764	1904154	5.00	20.0	50.0	100	200
Dichlorofluoromethane	FB	Ave	52830	219254	481477	1128072	2324959	5.00	20.0	50.0	100	200
Ethanol	FB	Ave	17095	74105	172149	405420	833707	50.0	200	500	1000	2000
Ethyl ether	FB	Ave	16812	61366	135792	294488	603152	5.00	20.0	50.0	100	200
1,1-Dichloro-1-fluoroethane	FB	Ave	57283	228039	534530	1226525	2500828	5.00	20.0	50.0	100	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	6937	33268	70868	175398	343968	5.00	20.0	50.0	100	200
1,1-Dichloroethene	FB	Ave	18295	77961	175295	405716	817811	5.00	20.0	50.0	100	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	20962	92914	209496	491893	1007587	5.00	20.0	50.0	100	200
Carbon disulfide	FB	Ave	72623	300728	669992	1597529	3282739	5.00	20.0	50.0	100	200
Iodomethane	FB	Lin	12281	75119	194613	471396	992992	5.00	20.0	50.0	100	200
Acrolein	FB	Ave	8404	32097	79198	145046	323398	25.0	100	250	500	1000
3-Chloro-1-propene	FB	Ave	36338	150443	343483	753631	1492117	5.00	20.0	50.0	100	200
Isopropyl alcohol	FB	Lin	2428	16177	42410	90665	173891	5.00	20.0	50.0	100	200
Methylene Chloride	FB	Ave	26520	98307	222984	487761	1021382	5.00	20.0	50.0	100	200
Acetone	FB	Ave	14557	52520	122532	228023	449468	5.00	20.0	50.0	100	200
Methyl acetate	FB	Ave	126301	484240	1151845	2330732	4574742	5.00	20.0	50.0	100	200
trans-1,2-Dichloroethene	FB	Ave	22828	89529	204700	487792	987317	5.00	20.0	50.0	100	200
Methyl tert-butyl ether	FB	Ave	87236	360885	836736	1857060	3678112	5.00	20.0	50.0	100	200
2-Methyl-2-propanol	FB	Ave	25385	92108	218622	435646	853993	25.0	100	250	500	1000
Acetonitrile	FB	Ave	29720	110760	261040	530410	1009799	50.0	200	500	1000	2000
Isopropyl ether	FB	Ave	78496	336457	792132	1768095	3563351	5.00	20.0	50.0	100	200
2-Chloro-1,3-butadiene	FB	Ave	16459	75180	158492	383746	779328	5.00	20.0	50.0	100	200
1,1-Dichloroethane	FB	Ave	50240	187290	437635	997078	1990472	5.00	20.0	50.0	100	200
Acrylonitrile	FB	Ave	18199	95743	223920	379085	792719	10.0	40.0	100	200	400
Vinyl acetate	FB	Ave	72094	294352	682220	1475554	2937225	5.00	20.0	50.0	100	200
Tert-butyl ethyl ether	FB	Ave	95552	380944	863350	1957197	3941071	5.00	20.0	50.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	25281	104436	227770	517121	1043766	5.00	20.0	50.0	100	200
2,2-Dichloropropane	FB	Ave	50055	200142	444058	1048192	2130166	5.00	20.0	50.0	100	200
1-Bromopropane	FB	Ave	36327	149464	340404	792770	1577507	5.00	20.0	50.0	100	200
Chlorobromomethane	FB	Ave	11328	52514	126216	274067	561929	5.00	20.0	50.0	100	200
Cyclohexane	FB	Ave	26347	100763	223472	535956	1100185	5.00	20.0	50.0	100	200
Chloroform	FB	Ave	54985	221387	501577	1136151	2339410	5.00	20.0	50.0	100	200
Methyl acrylate	FB	Lin	23996	97183	241080	488093	999102	5.00	20.0	50.0	100	200
Carbon tetrachloride	FB	Ave	38683	177762	404165	953078	1971216	5.00	20.0	50.0	100	200
Tetrahydrofuran	FB	Ave	16959	62248	163355	303506	625907	10.0	40.0	100	200	400
Ethyl acetate	FB	Ave	3632	21239	45365	88148	156835	10.0	40.0	100	200	400
1,1,1-Trichloroethane	FB	Ave	43699	185618	430579	1017294	2060935	5.00	20.0	50.0	100	200
2-Butanone (MEK)	FB	Ave	15937	60798	145460	289556	571550	5.00	20.0	50.0	100	200
1,1-Dichloropropene	FB	Ave	33447	145338	328581	786102	1580750	5.00	20.0	50.0	100	200
1-Chlorobutane	FB	Ave	51747	214471	487929	1144823	2300914	5.00	20.0	50.0	100	200
Propionitrile	FB	Ave	36697	150283	350334	697530	1397663	50.0	200	500	1000	2000
n-Heptane	FB	Lin	29198	83510	199910	426118	767456	5.00	20.0	50.0	100	200
Benzene	FB	Ave	80746	351545	777623	1762124	3570371	5.00	20.0	50.0	100	200
Methacrylonitrile	FB	Ave	44114	152439	372737	763950	1425485	5.00	20.0	50.0	100	200
Tert-amyl methyl ether	FB	Ave	78877	324206	756831	1658727	3309789	5.00	20.0	50.0	100	200
Isobutyl alcohol	FB	Ave	3403	17252	42098	91924	188340	50.0	200	500	1000	2000
1,2-Dichloroethane	FB	Ave	50624	206953	491860	1081149	2146377	5.00	20.0	50.0	100	200
tert-Butyl Formate	FB	Ave	10276	44328	108322	229431	439520	5.00	20.0	50.0	100	200
1,4-Dioxane	FB	Lin	0	4581	18634	40272	75876	50.0	200	500	1000	2000
Methylcyclohexane	FB	Ave	19779	84763	195363	455456	909873	5.00	20.0	50.0	100	200
Isopropyl acetate	FB	Ave	781	4592	15068	16983	55673	10.0	40.0	100	200	400
Trichloroethene	FB	Ave	23706	94654	219912	525728	1044592	5.00	20.0	50.0	100	200
n-Butanol	FB	Ave	6316	27573	72924	146843	286866	50.0	200	500	1000	2000
Dibromomethane	FB	Ave	19305	75014	179607	389666	731439	5.00	20.0	50.0	100	200
1,2-Dichloropropane	FB	Ave	23689	91944	204498	468835	935526	5.00	20.0	50.0	100	200
Dichlorobromomethane	FB	Ave	40931	163167	387152	882071	1805376	5.00	20.0	50.0	100	200
Methyl methacrylate	FB	Ave	20760	82030	198572	426219	847084	5.00	20.0	50.0	100	200
2-Chloroethyl vinyl ether	FB	Ave	8533	38168	97520	215180	431264	5.00	20.0	50.0	100	200
n-Propyl acetate	FB	Ave	8458	36925	87231	185353	376550	10.0	40.0	100	200	400
cis-1,3-Dichloropropene	FB	Ave	39782	167134	399547	894334	1812596	5.00	20.0	50.0	100	200
Toluene	CBZ	Ave	83822	341688	796665	1811055	3690065	5.00	20.0	50.0	100	200
Chloroacetonitrile	FB	Ave	8494	35502	79020	161137	332318	50.0	200	500	1000	2000
2-Nitropropane	FB	Ave	28613	116736	293358	589698	1140375	10.0	40.0	100	200	400
1,1-Dichloroacetone	CBZ	Ave	99724	398284	985662	2019451	3880254	25.0	100	250	500	1000
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	29534	125156	293258	610334	1191929	5.00	20.0	50.0	100	200
Tetrachloroethene	CBZ	Ave	18330	74133	156014	378783	763599	5.00	20.0	50.0	100	200
trans-1,3-Dichloropropene	FB	Ave	38824	169206	414277	943726	1899141	5.00	20.0	50.0	100	200
1,1,2-Trichloroethane	FB	Ave	19547	89894	200536	441555	875121	5.00	20.0	50.0	100	200
Ethyl methacrylate	CBZ	Ave	27574	124395	300294	644626	1248363	5.00	20.0	50.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Chlorodibromomethane	CBZ	Ave	29199	128464	304760	682183	1386948	5.00	20.0	50.0	100	200
1,3-Dichloropropane	CBZ	Ave	39574	155442	369005	827198	1668015	5.00	20.0	50.0	100	200
Ethylene Dibromide	CBZ	Ave	24191	105369	241567	540331	1091519	5.00	20.0	50.0	100	200
n-Butyl acetate	CBZ	Ave	12503	61503	147652	313040	629450	5.00	20.0	50.0	100	200
2-Hexanone	CBZ	Ave	21020	89453	213969	436153	885881	5.00	20.0	50.0	100	200
Chlorobenzene	CBZ	Ave	53250	218920	522174	1180138	2380696	5.00	20.0	50.0	100	200
1-Chlorohexane	CBZ	Ave	22583	100210	242894	497395	1008637	5.00	20.0	50.0	100	200
Ethylbenzene	CBZ	Ave	22066	97634	240481	559772	1107012	5.00	20.0	50.0	100	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	22478	101891	242132	547428	1092332	5.00	20.0	50.0	100	200
m-Xylene & p-Xylene	CBZ	Ave	61727	247015	584626	1377992	2712268	10.0	40.0	100	200	400
o-Xylene	CBZ	Ave	30973	125480	290806	665556	1350856	5.00	20.0	50.0	100	200
Styrene	CBZ	Ave	47737	203007	492578	1143491	2303098	5.00	20.0	50.0	100	200
Bromoform	CBZ	Ave	17314	92588	227803	506274	1027268	5.00	20.0	50.0	100	200
Isopropylbenzene	DCB	Ave	63717	270297	653373	1570095	3152648	5.00	20.0	50.0	100	200
Bromobenzene	DCB	Ave	24302	98464	244177	555564	1119887	5.00	20.0	50.0	100	200
N-Propylbenzene	DCB	Ave	67762	301341	728254	1739928	3511124	5.00	20.0	50.0	100	200
1,1,2,2-Tetrachloroethane	DCB	Ave	27808	113646	277703	588622	1140592	5.00	20.0	50.0	100	200
4-Ethyltoluene	DCB	Ave	59026	261784	641522	1527426	3043447	5.00	20.0	50.0	100	200
2-Chlorotoluene	DCB	Ave	63912	261915	623561	1444825	2885726	5.00	20.0	50.0	100	200
1,2,3-Trichloropropane	DCB	Ave	10539	44210	99739	200838	409169	5.00	20.0	50.0	100	200
1,3,5-Trimethylbenzene	DCB	Ave	58502	233473	552827	1275108	2505930	5.00	20.0	50.0	100	200
trans-1,4-Dichloro-2-butene	DCB	Ave	13029	66390	186038	438532	906737	10.0	40.0	100	200	400
4-Chlorotoluene	DCB	Ave	54062	235456	575798	1346156	2672665	5.00	20.0	50.0	100	200
tert-Butylbenzene	DCB	Ave	41844	166266	406319	968616	1922309	5.00	20.0	50.0	100	200
1,2,4-Trimethylbenzene	DCB	Ave	53056	233817	554281	1307487	2548198	5.00	20.0	50.0	100	200
sec-Butylbenzene	DCB	Ave	52885	217187	516732	1245146	2393526	5.00	20.0	50.0	100	200
4-Isopropyltoluene	DCB	Ave	48749	200093	478833	1165959	2337382	5.00	20.0	50.0	100	200
1,3-Dichlorobenzene	DCB	Ave	29514	138261	332423	794428	1573333	5.00	20.0	50.0	100	200
1,4-Dichlorobenzene	DCB	Ave	31520	141174	344525	840511	1640327	5.00	20.0	50.0	100	200
p-Diethylbenzene	FB	Lin	19458	100551	262929	606518	1209237	5.00	20.0	50.0	100	200
Benzyl chloride	DCB	Lin	3689	26688	83033	198454	409889	5.00	20.0	50.0	100	200
n-Butylbenzene	DCB	Ave	43747	226033	594991	1190182	2207695	5.00	20.0	50.0	100	200
1,2-Dichlorobenzene	DCB	Ave	31183	139657	338066	792289	1508346	5.00	20.0	50.0	100	200
1,2,4,5-Tetramethylbenzene	FB	Lin	27192	187644	487306	1171145	2221022	5.00	20.0	50.0	100	200
1,2-Dibromo-3-Chloropropane	DCB	Lin	2614	21265	61930	135342	275346	5.00	20.0	50.0	100	200
Nitrobenzene	DCB	Qua	641	12037	75934	299578	780531	50.0	200	500	1000	2000
Hexachlorobutadiene	DCB	Lin	21216	62274	135462	264771	461871	5.00	20.0	50.0	100	200
1,2,4-Trichlorobenzene	DCB	Lin	1813	48662	167226	435326	859259	5.00	20.0	50.0	100	200
Naphthalene	DCB	Lin	664	75472	334463	933186	1947255	5.00	20.0	50.0	100	200
1,2,3-Trichlorobenzene	DCB	Lin	1674	48430	155857	399026	792663	5.00	20.0	50.0	100	200
Dibromofluoromethane	FB	Ave	28585	117435	152177	608755	1223803	5.00	20.0	25.0	100	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	47109	179748	226256	906552	1785300	5.00	20.0	25.0	100	200
Toluene-d8 (Surr)	CBZ	Ave	77074	308473	393053	1595151	3175748	5.00	20.0	25.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1 Analy Batch No.: 23261

SDG No.: 220-7654

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2008 10:10 Calibration End Date: 12/26/2008 12:06 Calibration ID: 2663

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4-Bromofluorobenzene	DCB	Ave	29663	118961	165889	664117	1326413	5.00	20.0	25.0	100	200

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L1952.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 26-DEC-2008 10:10 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;200
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L8260BNW.m
Meth Date : 01-Jan-2009 15:51 msl.i Quant Type: ISTD
Cal Date : 03-DEC-2008 12:32 Cal File: L1431.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.530	4.530	(1.000)	387590	25.0000	
2	Dichlorodifluoromethane	85	1.036	1.036	(0.229)	926494	200.000	210(A)
3	Chloromethane	50	1.135	1.135	(0.251)	909541	200.000	220(A)
4	Vinyl Chloride	62	1.174	1.174	(0.259)	894235	200.000	210(A)
5	Bromomethane	94	1.331	1.331	(0.294)	551607	200.000	200(A)
6	Chloroethane	64	1.381	1.381	(0.305)	534494	200.000	200
7	Trichlorofluoromethane	101	1.469	1.469	(0.324)	1904154	200.000	210(A)
8	Dichlorofluoromethane	67	1.479	1.479	(0.327)	2324959	200.000	210(A)
9	Ethyl Ether	45	1.617	1.617	(0.357)	603152	200.000	200
10	Ethanol	45	1.676	1.676	(0.370)	833707	2000.00	2200(A)
11	Freon 141	81	1.676	1.676	(0.370)	2500828	200.000	210(A)
12	Freon 123	67	1.735	1.735	(0.383)	343968	200.000	220(AM)
13	Trichlorotrifluoroethane	101	1.745	1.745	(0.385)	1007587	200.000	220(A)
14	1,1-Dichloroethene	96	1.735	1.735	(0.383)	817811	200.000	210(A)
15	Carbon Disulfide	76	1.774	1.774	(0.392)	3282739	200.000	220(A)
16	Iodomethane	142	1.833	1.833	(0.405)	992992	200.000	200(A)
17	Acrolein	56	1.922	1.922	(0.424)	323398	1000.00	1000(A)
18	2-Propanol	45	2.001	2.001	(0.442)	173891	200.000	200(H)
19	3-Chloro-1-Propene	41	2.001	2.001	(0.442)	1492117	200.000	200(A)
20	Methylene Chloride	84	2.070	2.070	(0.457)	1021382	200.000	210(A)
21	Acetone	43	2.089	2.089	(0.461)	449468	200.000	180
22	trans-1,2-Dichloroethene	96	2.178	2.178	(0.481)	987317	200.000	210(A)
23	Methyl Acetate	43	2.168	2.168	(0.479)	4574742	200.000	190

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.237	2.237	(0.494)	3678112	200.000	200(A)
	25 tert-Butyl alcohol	59	2.286	2.286	(0.505)	853993	1000.00	940
	26 Acetonitrile	41	2.394	2.394	(0.529)	1009799	2000.00	1900
	27 Isopropyl ether	45	2.503	2.503	(0.552)	3563351	200.000	210(A)
	28 tert-Butyl ethyl ether	59	2.798	2.798	(0.618)	3941071	200.000	210(A)
	29 2-Chloro-1,3-Butadiene	88	2.601	2.601	(0.574)	779328	200.000	220(A)
	30 Acrylonitrile	53	2.621	2.621	(0.579)	792719	400.000	380(M)
	31 1,1-Dichloroethane	63	2.611	2.611	(0.576)	1990472	200.000	210(A)
	32 Vinyl Acetate	43	2.798	2.798	(0.618)	2937225	200.000	200(A)
	33 cis-1,2-Dichloroethene	96	3.074	3.074	(0.678)	1043766	200.000	210(A)
	34 2,2-Dichloropropane	77	3.172	3.172	(0.700)	2130166	200.000	210(A)
	35 Bromochloromethane	128	3.270	3.270	(0.722)	561929	200.000	220(A)
	36 1-Bromopropane	43	3.251	3.251	(0.718)	1577507	200.000	210(A)
	37 Cyclohexane	84	3.290	3.290	(0.726)	1100185	200.000	210(A)
	38 Chloroform	83	3.339	3.339	(0.737)	2339410	200.000	210(A)
	39 Ethyl Acetate	43	3.517	3.517	(0.776)	156835	400.000	360
	40 Methyl Acrylate	55	3.467	3.467	(0.765)	999102	200.000	350(AH)
$	41 Dibromofluoromethane	111	3.536	3.536	(0.781)	1223803	200.000	200(A)
	42 Tetrahydrofuran	42	3.517	3.517	(0.776)	625907	400.000	390
	43 Carbon Tetrachloride	117	3.507	3.507	(0.774)	1971216	200.000	220(A)
	44 1,1,1-Trichloroethane	97	3.566	3.566	(0.787)	2060935	200.000	220(A)
	45 2-Butanone	43	3.664	3.664	(0.809)	571550	200.000	190
	46 1,1-Dichloropropene	75	3.713	3.713	(0.820)	1580750	200.000	220(A)
	47 tert-Amyl methyl ether	73	4.166	4.166	(0.920)	3309789	200.000	200(A)
	48 tert-Butyl formate	57	4.353	4.353	(0.961)	439520	200.000	200(A)
	49 1-Chlorobutane	56	3.763	3.763	(0.831)	2300914	200.000	210(A)
	50 Heptane	43	3.989	3.989	(0.881)	767456	200.000	200
	51 Propionitrile	54	3.989	3.989	(0.881)	1397663	2000.00	1900
	52 Benzene	78	4.009	4.009	(0.885)	3570371	200.000	210(A)
	53 2-Methyl-2-Propenenitrile	41	4.018	4.018	(0.887)	1425485	200.000	180
	54 Isobutyl alcohol	42	4.166	4.166	(0.920)	188340	2000.00	2200(AH)
$	55 1,2-Dichloroethane-d4	65	4.166	4.166	(0.920)	1785300	200.000	200
	56 1,2-Dichloroethane	62	4.255	4.255	(0.939)	2146377	200.000	210(A)
	59 Methyl Cyclohexane	83	4.727	4.727	(1.043)	909873	200.000	210(A)
	60 Trichloroethene	130	4.737	4.737	(1.046)	1044592	200.000	210(A)
	61 Isopropyl Acetate	43	4.727	4.727	(1.043)	55673	400.000	490(AM)
	62 N-Butanol	56	5.160	5.160	(1.139)	286866	2000.00	2000(A)
	63 Dibromomethane	93	5.200	5.200	(1.148)	731439	200.000	190
	64 1,2-Dichloropropane	63	5.298	5.298	(1.169)	935526	200.000	200(A)
	65 Bromodichloromethane	83	5.396	5.396	(1.191)	1805376	200.000	210(A)
	66 Methyl Methacrylate	69	5.583	5.583	(1.232)	847084	200.000	200(A)
	67 1,4-Dioxane	58	5.633	5.633	(1.243)	75876	2000.00	2000(M)
	68 N-Propyl Acetate	43	6.007	6.007	(1.326)	376550	400.000	420(AH)
	69 2-Chloroethylvinylether	63	6.007	6.007	(1.326)	431264	200.000	220(A)
	70 cis-1,3-Dichloropropene	75	6.046	6.046	(1.335)	1812596	200.000	210(A)
	71 Chloroacetonitrile	48	6.410	6.410	(1.415)	332318	2000.00	2000
	72 2-Nitropropane	41	6.479	6.479	(1.430)	1140375	400.000	390
	73 trans-1,3-Dichloropropene	75	6.696	6.696	(1.478)	1899141	200.000	220(A)
	74 1,1,2-Trichloroethane	97	6.843	6.843	(1.511)	875121	200.000	200(A)
*	75 Chlorobenzene-d5	117	7.690	7.690	(1.000)	361982	25.0000	
	76 Toluene	91	6.292	6.292	(0.818)	3690065	200.000	210(A)
$	77 Toluene-d8	98	6.243	6.243	(0.812)	3175748	200.000	200
	78 1,1-Dichloro-2-propanone	43	6.509	6.509	(0.846)	3880254	1000.00	960
	79 4-Methyl-2-Pentanone	43	6.656	6.656	(0.866)	1191929	200.000	190

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	80 Tetrachloroethene	164	6.676	6.676	(0.868)	763599	200.000	210(A)
	81 Ethyl Methacrylate	69	6.883	6.883	(0.895)	1248363	200.000	200(A)
	82 Dibromochloromethane	129	7.011	7.011	(0.912)	1386948	200.000	210(A)
	83 1,3-Dichloropropane	76	7.089	7.089	(0.922)	1668015	200.000	200(A)
	84 1,2-Dibromoethane	107	7.207	7.207	(0.937)	1091519	200.000	210(A)
	85 n-Butyl Acetate	56	7.385	7.385	(0.960)	629450	200.000	210(A)
	86 2-Hexanone	43	7.444	7.444	(0.968)	885881	200.000	200
	87 1-Chlorohexane	91	7.709	7.709	(1.003)	1008637	200.000	200(AH)
	88 Chlorobenzene	112	7.700	7.700	(1.001)	2380696	200.000	210(A)
	89 1,1,1,2-Tetrachloroethane	131	7.768	7.768	(1.010)	1092332	200.000	210(A)
	90 Ethylbenzene	106	7.739	7.739	(1.006)	1107012	200.000	210(A)
	91 Xylene (total)mp	106	7.877	7.877	(1.024)	2712268	400.000	420(A)
	92 Xylene (total)o	106	8.261	8.261	(1.074)	1350856	200.000	210(AM)
	93 Styrene	104	8.300	8.300	(1.079)	2303098	200.000	210(A)
	94 Bromoform	173	8.320	8.320	(1.082)	1027268	200.000	220(A)
*	95 1,4-Dichlorobenzene-d4	152	9.757	9.757	(1.000)	170632	25.0000	
	96 Isopropylbenzene	105	8.536	8.536	(0.875)	3152648	200.000	200(A)
	97 Bromobenzene	156	8.861	8.861	(0.908)	1119887	200.000	200
	98 1,1,2,2-Tetrachloroethane	83	8.969	8.969	(0.919)	1140592	200.000	180
	99 4-Ethyltoluene	105	9.009	9.009	(0.923)	3043447	200.000	200(A)
	100 1,2,3-Trichloropropane	110	9.068	9.068	(0.929)	409169	200.000	180
	101 trans-1,4-Dichloro-2-Butene	53	9.117	9.117	(0.934)	906737	400.000	450(A)
	102 n-Propylbenzene	91	8.900	8.900	(0.912)	3511124	200.000	210(A)
	103 2-Chlorotoluene	91	9.028	9.028	(0.925)	2885726	200.000	200
	104 4-Chlorotoluene	91	9.176	9.176	(0.940)	2672665	200.000	200(A)
	105 1,3,5-Trimethylbenzene	105	9.087	9.087	(0.931)	2505930	200.000	190
	106 tert-Butylbenzene	119	9.353	9.353	(0.959)	1922309	200.000	200(A)
	107 1,2,4-Trimethylbenzene	105	9.412	9.412	(0.965)	2548198	200.000	200
	108 sec-Butylbenzene	105	9.511	9.511	(0.975)	2393526	200.000	200
	109 4-Isopropyltoluene	119	9.639	9.639	(0.988)	2337382	200.000	200(A)
	110 1,3-Dichlorobenzene	146	9.688	9.688	(0.993)	1573333	200.000	200(A)
	111 1,4-Dichlorobenzene	146	9.767	9.767	(1.001)	1640327	200.000	200(A)
	112 1,2-Dichlorobenzene	146	10.131	10.131	(1.038)	1508346	200.000	200
	113 Benzyl Chloride	126	9.983	9.983	(1.023)	409889	200.000	200
	114 1,4-Diethylbenzene	119	9.954	9.954	(2.197)	1209237	200.000	200
	115 n-Butylbenzene	91	10.003	10.003	(1.025)	2207695	200.000	180(M)
	118 1,2,4,5-Tetramethylbenzene	119	10.662	10.662	(2.353)	2221022	200.000	200
	119 1,2-Dibromo-3-chloropropane	75	10.820	10.820	(1.109)	275346	200.000	200
	120 Nitrobenzene	77	11.302	11.302	(1.158)	780531	2000.00	2000
	121 1,2,4-Trichlorobenzene	180	11.420	11.420	(1.170)	859259	200.000	200
	122 Hexachlorobutadiene	225	11.410	11.410	(1.169)	461871	200.000	190
	123 Naphthalene	128	11.696	11.696	(1.199)	1947255	200.000	200
	124 1,2,3-Trichlorobenzene	180	11.873	11.873	(1.217)	792663	200.000	200
$	125 Bromofluorobenzene	95	8.782	8.782	(0.900)	1326413	200.000	190
M	126 1,2-Dichloroethene (total)	100				2031083	400.000	420
M	127 Xylene (total)	100				4063124	600.000	620

QC Flag Legend

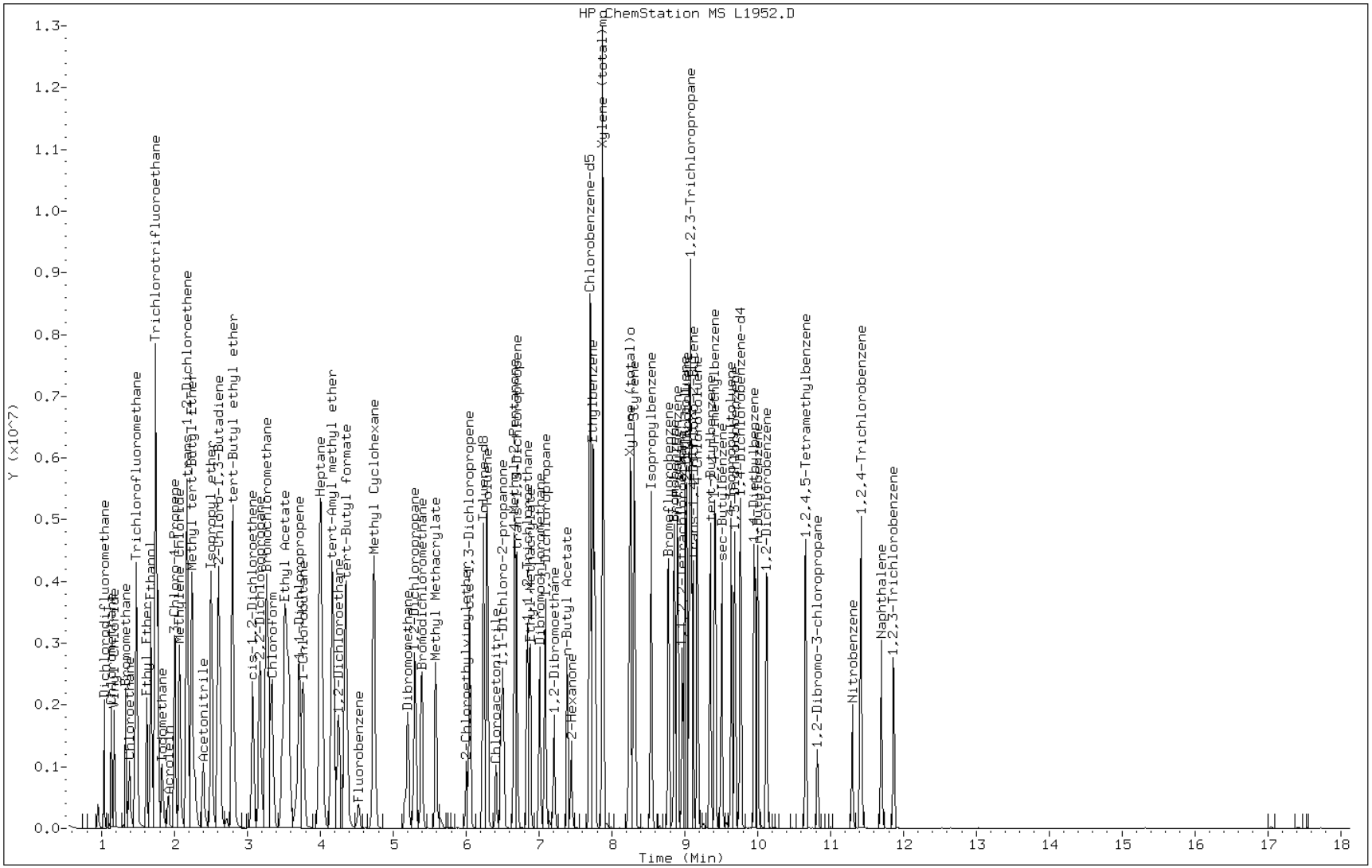
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L1952.D

Date: 26-DEC-2008 10:10

Client ID: IC;200 Instrument: msl.i

Sample Info: IC;200 Operator: B.KOSTRZEWSKA



TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L1953.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 26-DEC-2008 10:52 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;100
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L8260BNW.m
Meth Date : 01-Jan-2009 15:51 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 10:52 Cal File: L1953.D
Als bottle: 2 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.531	4.531	(1.000)	378243	25.0000	
2	Dichlorodifluoromethane	85	1.037	1.037	(0.229)	437993	100.000	100
3	Chloromethane	50	1.135	1.135	(0.251)	411332	100.000	100
4	Vinyl Chloride	62	1.174	1.174	(0.259)	424484	100.000	100
5	Bromomethane	94	1.332	1.332	(0.294)	259105	100.000	99
6	Chloroethane	64	1.381	1.381	(0.305)	266745	100.000	100
7	Trichlorofluoromethane	101	1.460	1.460	(0.322)	914764	100.000	100
8	Dichlorofluoromethane	67	1.479	1.479	(0.327)	1128072	100.000	110
9	Ethyl Ether	45	1.617	1.617	(0.357)	294488	100.000	100
10	Ethanol	45	1.676	1.676	(0.370)	405420	1000.00	1100
11	Freon 141	81	1.676	1.676	(0.370)	1226525	100.000	110
12	Freon 123	67	1.735	1.735	(0.383)	175398	100.000	110
13	Trichlorotrifluoroethane	101	1.745	1.745	(0.385)	491893	100.000	110
14	1,1-Dichloroethene	96	1.735	1.735	(0.383)	405716	100.000	110
15	Carbon Disulfide	76	1.775	1.775	(0.392)	1597529	100.000	110
16	Iodomethane	142	1.834	1.834	(0.405)	471396	100.000	100
17	Acrolein	56	1.922	1.922	(0.424)	145046	500.000	470
18	2-Propanol	45	2.011	2.011	(0.444)	90665	100.000	100
19	3-Chloro-1-Propene	41	2.001	2.001	(0.442)	753631	100.000	100
20	Methylene Chloride	84	2.070	2.070	(0.457)	487761	100.000	100
21	Acetone	43	2.100	2.100	(0.463)	228023	100.000	93
22	trans-1,2-Dichloroethene	96	2.178	2.178	(0.481)	487792	100.000	110
23	Methyl Acetate	43	2.168	2.168	(0.479)	2330732	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.237	2.237	(0.494)	1857060	100.000	110
	25 tert-Butyl alcohol	59	2.287	2.287	(0.505)	435646	500.000	490
	26 Acetonitrile	41	2.395	2.395	(0.529)	530410	1000.00	1000
	27 Isopropyl ether	45	2.503	2.503	(0.553)	1768095	100.000	110
	28 tert-Butyl ethyl ether	59	2.798	2.798	(0.618)	1957197	100.000	100
	29 2-Chloro-1,3-Butadiene	88	2.592	2.592	(0.572)	383746	100.000	110
	30 Acrylonitrile	53	2.631	2.631	(0.581)	379085	200.000	190(M)
	31 1,1-Dichloroethane	63	2.611	2.611	(0.576)	997078	100.000	100
	32 Vinyl Acetate	43	2.798	2.798	(0.618)	1475554	100.000	100
	33 cis-1,2-Dichloroethene	96	3.074	3.074	(0.679)	517121	100.000	100
	34 2,2-Dichloropropane	77	3.172	3.172	(0.700)	1048192	100.000	110
	35 Bromochloromethane	128	3.261	3.261	(0.720)	274067	100.000	110
	36 1-Bromopropane	43	3.251	3.251	(0.718)	792770	100.000	110
	37 Cyclohexane	84	3.281	3.281	(0.724)	535956	100.000	110
	38 Chloroform	83	3.340	3.340	(0.737)	1136151	100.000	100
	39 Ethyl Acetate	43	3.527	3.527	(0.778)	88148	200.000	210
	40 Methyl Acrylate	55	3.468	3.468	(0.765)	488093	100.000	150(H)
$	41 Dibromofluoromethane	111	3.527	3.527	(0.778)	608755	100.000	100
	42 Tetrahydrofuran	42	3.527	3.527	(0.778)	303506	200.000	190
	43 Carbon Tetrachloride	117	3.507	3.507	(0.774)	953078	100.000	110
	44 1,1,1-Trichloroethane	97	3.566	3.566	(0.787)	1017294	100.000	110
	45 2-Butanone	43	3.665	3.665	(0.809)	289556	100.000	99
	46 1,1-Dichloropropene	75	3.704	3.704	(0.818)	786102	100.000	110
	47 tert-Amyl methyl ether	73	4.176	4.176	(0.922)	1658727	100.000	100
	48 tert-Butyl formate	57	4.354	4.354	(0.961)	229431	100.000	110
	49 1-Chlorobutane	56	3.763	3.763	(0.831)	1144823	100.000	110
	50 Heptane	43	3.989	3.989	(0.881)	426118	100.000	110
	51 Propionitrile	54	3.989	3.989	(0.881)	697530	1000.00	990
	52 Benzene	78	4.009	4.009	(0.885)	1762124	100.000	110
	53 2-Methyl-2-Propenenitrile	41	4.029	4.029	(0.889)	763950	100.000	100
	54 Isobutyl alcohol	42	4.176	4.176	(0.922)	91924	1000.00	1100
$	55 1,2-Dichloroethane-d4	65	4.166	4.166	(0.920)	906552	100.000	100
	56 1,2-Dichloroethane	62	4.255	4.255	(0.939)	1081149	100.000	110
	59 Methyl Cyclohexane	83	4.728	4.728	(1.043)	455456	100.000	110
	60 Trichloroethene	130	4.737	4.737	(1.046)	525728	100.000	110
	61 Isopropyl Acetate	43	4.728	4.728	(1.043)	16983	200.000	150(M)
	62 N-Butanol	56	5.170	5.170	(1.141)	146843	1000.00	1100
	63 Dibromomethane	93	5.200	5.200	(1.148)	389666	100.000	110
	64 1,2-Dichloropropane	63	5.298	5.298	(1.169)	468835	100.000	100
	65 Bromodichloromethane	83	5.397	5.397	(1.191)	882071	100.000	110
	66 Methyl Methacrylate	69	5.584	5.584	(1.232)	426219	100.000	100
	67 1,4-Dioxane	58	5.633	5.633	(1.243)	40272	1000.00	1100(M)
	68 N-Propyl Acetate	43	6.007	6.007	(1.326)	185353	200.000	210
	69 2-Chloroethylvinylether	63	6.007	6.007	(1.326)	215180	100.000	110
	70 cis-1,3-Dichloropropene	75	6.046	6.046	(1.335)	894334	100.000	110
	71 Chloroacetonitrile	48	6.411	6.411	(1.415)	161137	1000.00	990
	72 2-Nitropropane	41	6.479	6.479	(1.430)	589698	200.000	210
	73 trans-1,3-Dichloropropene	75	6.696	6.696	(1.478)	943726	100.000	110
	74 1,1,2-Trichloroethane	97	6.844	6.844	(1.510)	441555	100.000	110
*	75 Chlorobenzene-d5	117	7.690	7.690	(1.000)	349711	25.0000	
	76 Toluene	91	6.292	6.292	(0.818)	1811055	100.000	110
$	77 Toluene-d8	98	6.243	6.243	(0.812)	1595151	100.000	100
	78 1,1-Dichloro-2-propanone	43	6.509	6.509	(0.846)	2019451	500.000	520
	79 4-Methyl-2-Pentanone	43	6.657	6.657	(0.866)	610334	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	80 Tetrachloroethene	164	6.676	6.676	(0.868)	378783	100.000	110
	81 Ethyl Methacrylate	69	6.883	6.883	(0.895)	644626	100.000	110
	82 Dibromochloromethane	129	7.011	7.011	(0.912)	682183	100.000	110
	83 1,3-Dichloropropane	76	7.090	7.090	(0.922)	827198	100.000	100
	84 1,2-Dibromoethane	107	7.208	7.208	(0.937)	540331	100.000	110
	85 n-Butyl Acetate	56	7.385	7.385	(0.960)	313040	100.000	110
	86 2-Hexanone	43	7.444	7.444	(0.968)	436153	100.000	100
	87 1-Chlorohexane	91	7.710	7.710	(1.003)	497395	100.000	100
	88 Chlorobenzene	112	7.710	7.710	(1.003)	1180138	100.000	110
	89 1,1,1,2-Tetrachloroethane	131	7.769	7.769	(1.010)	547428	100.000	110
	90 Ethylbenzene	106	7.749	7.749	(1.008)	559772	100.000	110
	91 Xylene (total)mp	106	7.877	7.877	(1.024)	1377992	200.000	220
	92 Xylene (total)o	106	8.261	8.261	(1.074)	665556	100.000	110(M)
	93 Styrene	104	8.300	8.300	(1.079)	1143491	100.000	110
	94 Bromoform	173	8.320	8.320	(1.082)	506274	100.000	110
*	95 1,4-Dichlorobenzene-d4	152	9.757	9.757	(1.000)	165693	25.0000	
	96 Isopropylbenzene	105	8.537	8.537	(0.875)	1570095	100.000	100
	97 Bromobenzene	156	8.861	8.861	(0.908)	555564	100.000	100
	98 1,1,2,2-Tetrachloroethane	83	8.970	8.970	(0.919)	588622	100.000	98
	99 4-Ethyltoluene	105	9.009	9.009	(0.923)	1527426	100.000	110
	100 1,2,3-Trichloropropane	110	9.068	9.068	(0.929)	200838	100.000	91
	101 trans-1,4-Dichloro-2-Butene	53	9.117	9.117	(0.934)	438532	200.000	230
	102 n-Propylbenzene	91	8.901	8.901	(0.912)	1739928	100.000	100
	103 2-Chlorotoluene	91	9.029	9.029	(0.925)	1444825	100.000	100
	104 4-Chlorotoluene	91	9.176	9.176	(0.940)	1346156	100.000	100
	105 1,3,5-Trimethylbenzene	105	9.088	9.088	(0.931)	1275108	100.000	100
	106 tert-Butylbenzene	119	9.353	9.353	(0.959)	968616	100.000	100
	107 1,2,4-Trimethylbenzene	105	9.413	9.413	(0.965)	1307487	100.000	100
	108 sec-Butylbenzene	105	9.511	9.511	(0.975)	1245146	100.000	100
	109 4-Isopropyltoluene	119	9.639	9.639	(0.988)	1165959	100.000	100
	110 1,3-Dichlorobenzene	146	9.688	9.688	(0.993)	794428	100.000	110
	111 1,4-Dichlorobenzene	146	9.767	9.767	(1.001)	840511	100.000	110
	112 1,2-Dichlorobenzene	146	10.131	10.131	(1.038)	792289	100.000	100
	113 Benzyl Chloride	126	9.983	9.983	(1.023)	198454	100.000	100
	114 1,4-Diethylbenzene	119	9.954	9.954	(2.197)	606518	100.000	100
	115 n-Butylbenzene	91	10.003	10.003	(1.025)	1190182	100.000	100(M)
	118 1,2,4,5-Tetramethylbenzene	119	10.663	10.663	(2.353)	1171145	100.000	110
	119 1,2-Dibromo-3-chloropropane	75	10.820	10.820	(1.109)	135342	100.000	100
	120 Nitrobenzene	77	11.302	11.302	(1.158)	299578	1000.00	1000
	121 1,2,4-Trichlorobenzene	180	11.430	11.430	(1.171)	435326	100.000	110
	122 Hexachlorobutadiene	225	11.420	11.420	(1.170)	264771	100.000	110
	123 Naphthalene	128	11.696	11.696	(1.199)	933186	100.000	100
	124 1,2,3-Trichlorobenzene	180	11.873	11.873	(1.217)	399026	100.000	100
$	125 Bromofluorobenzene	95	8.783	8.783	(0.900)	664117	100.000	99
M	126 1,2-Dichloroethene (total)	100				1004913	200.000	210
M	127 Xylene (total)	100				2043548	300.000	320

QC Flag Legend

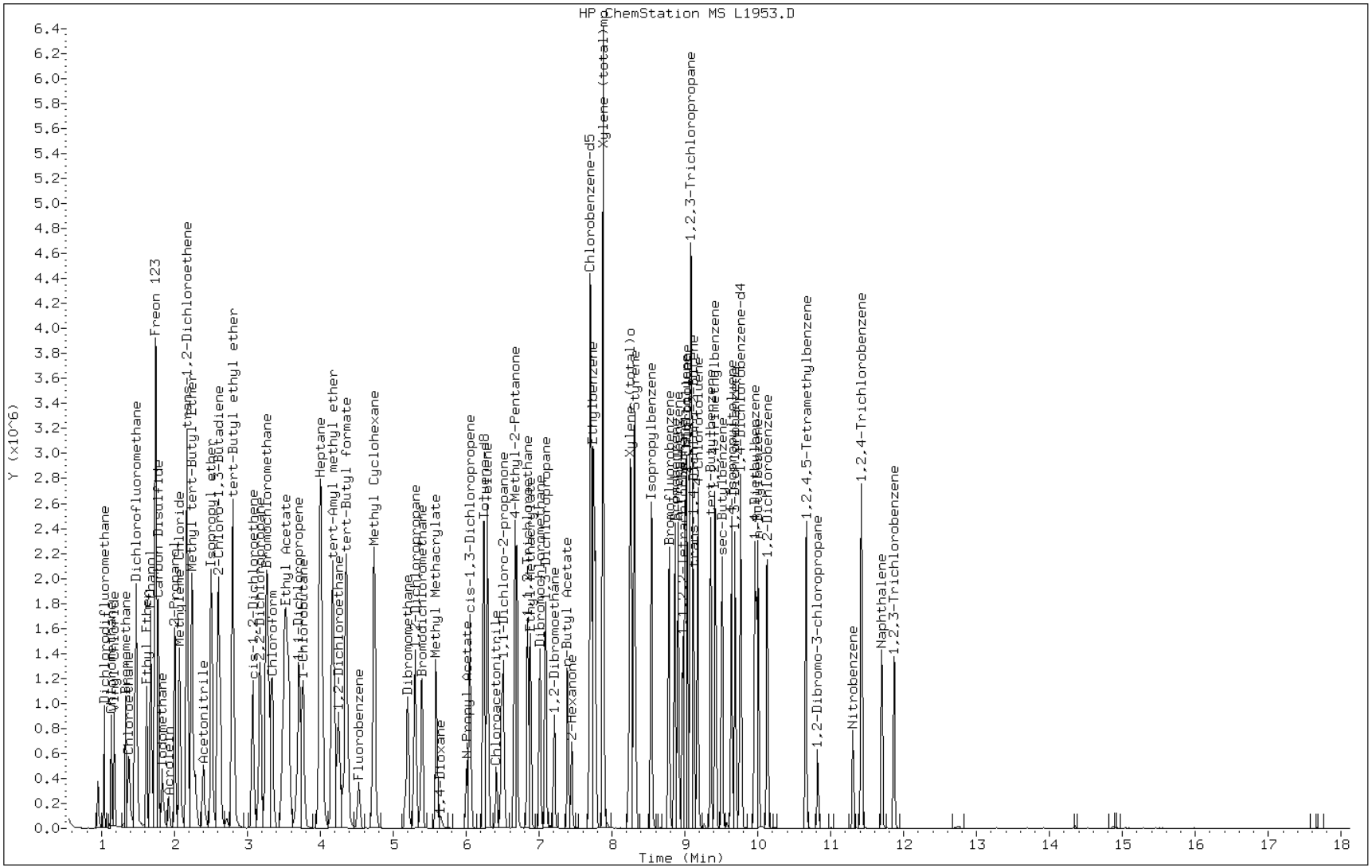
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L1953.D

Date: 26-DEC-2008 10:52

Client ID: IC;100 Instrument: msl.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L1954.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 26-DEC-2008 11:16 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;50
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L8260BNW.m
Meth Date : 01-Jan-2009 15:51 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:16 Cal File: L1954.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.521	4.521	(1.000)	377907	25.0000	
2	Dichlorodifluoromethane	85	1.037	1.037	(0.229)	186156	50.0000	43
3	Chloromethane	50	1.136	1.136	(0.251)	172210	50.0000	43
4	Vinyl Chloride	62	1.175	1.175	(0.260)	188932	50.0000	46
5	Bromomethane	94	1.332	1.332	(0.295)	108312	50.0000	41(M)
6	Chloroethane	64	1.382	1.382	(0.306)	117443	50.0000	44
7	Trichlorofluoromethane	101	1.460	1.460	(0.323)	384316	50.0000	43
8	Dichlorofluoromethane	67	1.480	1.480	(0.327)	481477	50.0000	46
9	Ethyl Ether	45	1.618	1.618	(0.358)	135792	50.0000	46
10	Ethanol	45	1.677	1.677	(0.371)	172149	500.000	470
11	Freon 141	81	1.677	1.677	(0.371)	534530	50.0000	47
12	Freon 123	67	1.736	1.736	(0.384)	70868	50.0000	46
13	Trichlorotrifluoroethane	101	1.746	1.746	(0.386)	209496	50.0000	46
14	1,1-Dichloroethene	96	1.736	1.736	(0.384)	175295	50.0000	47
15	Carbon Disulfide	76	1.775	1.775	(0.393)	669992	50.0000	45
16	Iodomethane	142	1.825	1.825	(0.404)	194613	50.0000	45(M)
17	Acrolein	56	1.913	1.913	(0.423)	79198	250.000	260
18	2-Propanol	45	2.002	2.002	(0.443)	42410	50.0000	50
19	3-Chloro-1-Propene	41	2.002	2.002	(0.443)	343483	50.0000	48
20	Methylene Chloride	84	2.071	2.071	(0.458)	222984	50.0000	46
21	Acetone	43	2.090	2.090	(0.462)	122532	50.0000	50
22	trans-1,2-Dichloroethene	96	2.179	2.179	(0.482)	204700	50.0000	46
23	Methyl Acetate	43	2.159	2.159	(0.478)	1151845	50.0000	50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.238	2.238	(0.495)	836736	50.0000	48
	25 tert-Butyl alcohol	59	2.287	2.287	(0.506)	218622	250.000	250
	26 Acetonitrile	41	2.395	2.395	(0.530)	261040	500.000	490
	27 Isopropyl ether	45	2.504	2.504	(0.554)	792132	50.0000	48
	28 tert-Butyl ethyl ether	59	2.799	2.799	(0.619)	863350	50.0000	47
	29 2-Chloro-1,3-Butadiene	88	2.592	2.592	(0.573)	158492	50.0000	45
	30 Acrylonitrile	53	2.632	2.632	(0.582)	223920	100.000	110(H)
	31 1,1-Dichloroethane	63	2.612	2.612	(0.578)	437635	50.0000	46
	32 Vinyl Acetate	43	2.789	2.789	(0.617)	682220	50.0000	48
	33 cis-1,2-Dichloroethene	96	3.065	3.065	(0.678)	227770	50.0000	46
	34 2,2-Dichloropropane	77	3.163	3.163	(0.700)	444058	50.0000	45
	35 Bromochloromethane	128	3.262	3.262	(0.721)	126216	50.0000	50
	36 1-Bromopropane	43	3.252	3.252	(0.719)	340404	50.0000	46
	37 Cyclohexane	84	3.281	3.281	(0.726)	223472	50.0000	44
	38 Chloroform	83	3.330	3.330	(0.737)	501577	50.0000	46
	39 Ethyl Acetate	43	3.527	3.527	(0.780)	45365	100.000	110
	40 Methyl Acrylate	55	3.468	3.468	(0.767)	241080	50.0000	63(H)
$	41 Dibromofluoromethane	111	3.517	3.517	(0.778)	152177	25.0000	26
	42 Tetrahydrofuran	42	3.527	3.527	(0.780)	163355	100.000	100
	43 Carbon Tetrachloride	117	3.498	3.498	(0.774)	404165	50.0000	47
	44 1,1,1-Trichloroethane	97	3.557	3.557	(0.787)	430579	50.0000	47
	45 2-Butanone	43	3.655	3.655	(0.808)	145460	50.0000	50
	46 1,1-Dichloropropene	75	3.704	3.704	(0.819)	328581	50.0000	46
	47 tert-Amyl methyl ether	73	4.167	4.167	(0.922)	756831	50.0000	48
	48 tert-Butyl formate	57	4.354	4.354	(0.963)	108322	50.0000	51
	49 1-Chlorobutane	56	3.754	3.754	(0.830)	487929	50.0000	46
	50 Heptane	43	3.990	3.990	(0.882)	199910	50.0000	49
	51 Propionitrile	54	3.980	3.980	(0.880)	350334	500.000	500
	52 Benzene	78	4.000	4.000	(0.885)	777623	50.0000	47
	53 2-Methyl-2-Propenenitrile	41	4.010	4.010	(0.887)	372737	50.0000	49
	54 Isobutyl alcohol	42	4.177	4.177	(0.924)	42098	500.000	510
$	55 1,2-Dichloroethane-d4	65	4.157	4.157	(0.919)	226256	25.0000	25
	56 1,2-Dichloroethane	62	4.246	4.246	(0.939)	491860	50.0000	48
	59 Methyl Cyclohexane	83	4.728	4.728	(1.046)	195363	50.0000	47
	60 Trichloroethene	130	4.738	4.738	(1.048)	219912	50.0000	46
	61 Isopropyl Acetate	43	4.718	4.718	(1.044)	15068	100.000	140(M)
	62 N-Butanol	56	5.161	5.161	(1.141)	72924	500.000	530
	63 Dibromomethane	93	5.191	5.191	(1.148)	179607	50.0000	49
	64 1,2-Dichloropropane	63	5.299	5.299	(1.172)	204498	50.0000	46
	65 Bromodichloromethane	83	5.387	5.387	(1.192)	387152	50.0000	47
	66 Methyl Methacrylate	69	5.584	5.584	(1.235)	198572	50.0000	49
	67 1,4-Dioxane	58	5.634	5.634	(1.246)	18634	500.000	520(M)
	68 N-Propyl Acetate	43	5.998	5.998	(1.326)	87231	100.000	99
	69 2-Chloroethylvinylether	63	5.998	5.998	(1.326)	97520	50.0000	50
	70 cis-1,3-Dichloropropene	75	6.047	6.047	(1.337)	399547	50.0000	48
	71 Chloroacetonitrile	48	6.401	6.401	(1.416)	79020	500.000	480
	72 2-Nitropropane	41	6.480	6.480	(1.433)	293358	100.000	100
	73 trans-1,3-Dichloropropene	75	6.697	6.697	(1.481)	414277	50.0000	49
	74 1,1,2-Trichloroethane	97	6.834	6.834	(1.512)	200536	50.0000	48
*	75 Chlorobenzene-d5	117	7.681	7.681	(1.000)	358509	25.0000	
	76 Toluene	91	6.283	6.283	(0.818)	796665	50.0000	46
$	77 Toluene-d8	98	6.234	6.234	(0.812)	393053	25.0000	25
	78 1,1-Dichloro-2-propanone	43	6.500	6.500	(0.846)	985662	250.000	240
	79 4-Methyl-2-Pentanone	43	6.657	6.657	(0.867)	293258	50.0000	48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
80	Tetrachloroethene	164	6.667	6.667	(0.868)	156014	50.0000	42
81	Ethyl Methacrylate	69	6.874	6.874	(0.895)	300294	50.0000	49
82	Dibromochloromethane	129	7.002	7.002	(0.912)	304760	50.0000	47
83	1,3-Dichloropropane	76	7.080	7.080	(0.922)	369005	50.0000	46
84	1,2-Dibromoethane	107	7.208	7.208	(0.938)	241567	50.0000	46
85	n-Butyl Acetate	56	7.386	7.386	(0.962)	147652	50.0000	49
86	2-Hexanone	43	7.445	7.445	(0.969)	213969	50.0000	49
87	1-Chlorohexane	91	7.700	7.700	(1.003)	242894	50.0000	49
88	Chlorobenzene	112	7.700	7.700	(1.003)	522174	50.0000	46
89	1,1,1,2-Tetrachloroethane	131	7.769	7.769	(1.012)	242132	50.0000	47
90	Ethylbenzene	106	7.740	7.740	(1.008)	240481	50.0000	47
91	Xylene (total)mp	106	7.878	7.878	(1.026)	584626	100.000	91
92	Xylene (total)o	106	8.252	8.252	(1.074)	290806	50.0000	45
93	Styrene	104	8.301	8.301	(1.081)	492578	50.0000	46
94	Bromoform	173	8.321	8.321	(1.083)	227803	50.0000	49
* 95	1,4-Dichlorobenzene-d4	152	9.748	9.748	(1.000)	160787	25.0000	
96	Isopropylbenzene	105	8.537	8.537	(0.876)	653373	50.0000	45
97	Bromobenzene	156	8.862	8.862	(0.909)	244177	50.0000	46
98	1,1,2,2-Tetrachloroethane	83	8.960	8.960	(0.919)	277703	50.0000	48
99	4-Ethyltoluene	105	9.000	9.000	(0.923)	641522	50.0000	46
100	1,2,3-Trichloropropane	110	9.069	9.069	(0.930)	99739	50.0000	47
101	trans-1,4-Dichloro-2-Butene	53	9.108	9.108	(0.934)	186038	100.000	99(M)
102	n-Propylbenzene	91	8.901	8.901	(0.913)	728254	50.0000	46
103	2-Chlorotoluene	91	9.029	9.029	(0.926)	623561	50.0000	45
104	4-Chlorotoluene	91	9.167	9.167	(0.940)	575798	50.0000	46
105	1,3,5-Trimethylbenzene	105	9.078	9.078	(0.931)	552827	50.0000	45
106	tert-Butylbenzene	119	9.354	9.354	(0.960)	406319	50.0000	45
107	1,2,4-Trimethylbenzene	105	9.413	9.413	(0.966)	554281	50.0000	46
108	sec-Butylbenzene	105	9.512	9.512	(0.976)	516732	50.0000	45
109	4-Isopropyltoluene	119	9.639	9.639	(0.989)	478833	50.0000	44
110	1,3-Dichlorobenzene	146	9.689	9.689	(0.994)	332423	50.0000	46
111	1,4-Dichlorobenzene	146	9.767	9.767	(1.002)	344525	50.0000	46
112	1,2-Dichlorobenzene	146	10.122	10.122	(1.038)	338066	50.0000	46
113	Benzyl Chloride	126	9.974	9.974	(1.023)	83033	50.0000	47
114	1,4-Diethylbenzene	119	9.954	9.954	(2.202)	262929	50.0000	47
115	n-Butylbenzene	91	10.004	10.004	(1.026)	594991	50.0000	53(H)
118	1,2,4,5-Tetramethylbenzene	119	10.653	10.653	(2.356)	487306	50.0000	46
119	1,2-Dibromo-3-chloropropane	75	10.821	10.821	(1.110)	61930	50.0000	50
120	Nitrobenzene	77	11.303	11.303	(1.160)	75934	500.000	390
121	1,2,4-Trichlorobenzene	180	11.421	11.421	(1.172)	167226	50.0000	46
122	Hexachlorobutadiene	225	11.411	11.411	(1.171)	135462	50.0000	52
123	Naphthalene	128	11.697	11.697	(1.200)	334463	50.0000	44
124	1,2,3-Trichlorobenzene	180	11.864	11.864	(1.217)	155857	50.0000	46
$ 125	Bromofluorobenzene	95	8.773	8.773	(0.900)	165889	25.0000	25
M 126	1,2-Dichloroethene (total)	100				432470	100.000	92
M 127	Xylene (total)	100				875432	150.000	140

QC Flag Legend

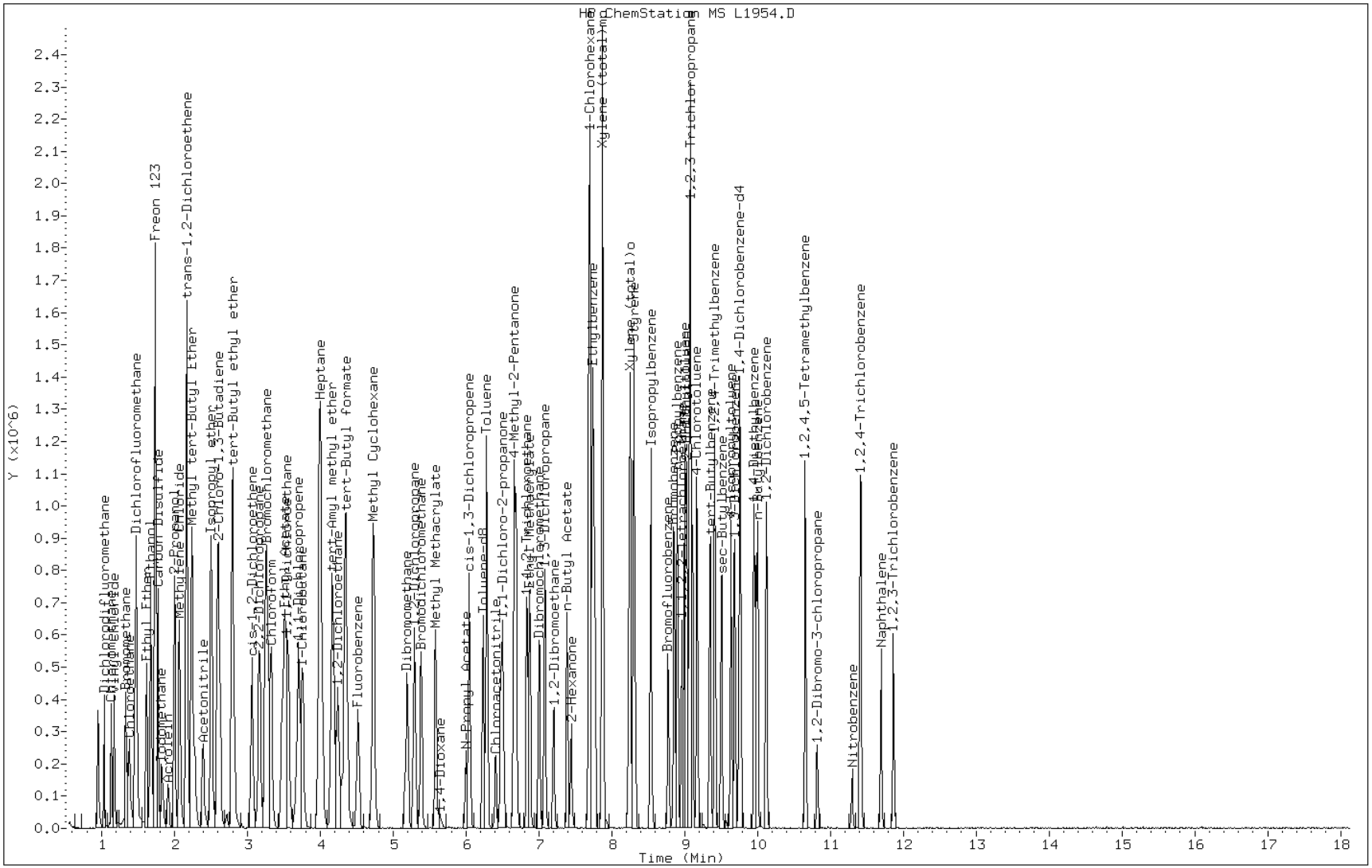
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L1954.D

Date: 26-DEC-2008 11:16

Client ID: IC;50 Instrument: msl.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L1955.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 26-DEC-2008 11:41 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;20
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L8260BNW.m
Meth Date : 01-Jan-2009 15:51 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.520	4.520	(1.000)	393183	25.0000	
2	Dichlorodifluoromethane	85	1.036	1.036	(0.229)	94292	20.0000	21
3	Chloromethane	50	1.135	1.135	(0.251)	82043	20.0000	20
4	Vinyl Chloride	62	1.174	1.174	(0.260)	86144	20.0000	20
5	Bromomethane	94	1.331	1.331	(0.295)	53577	20.0000	20(MH)
6	Chloroethane	64	1.381	1.381	(0.305)	55593	20.0000	20
7	Trichlorofluoromethane	101	1.459	1.459	(0.323)	182567	20.0000	20
8	Dichlorofluoromethane	67	1.479	1.479	(0.327)	219254	20.0000	20
9	Ethyl Ether	45	1.617	1.617	(0.358)	61366	20.0000	20
10	Ethanol	45	1.666	1.666	(0.369)	74105	200.000	190
11	Freon 141	81	1.676	1.676	(0.371)	228039	20.0000	19
12	Freon 123	67	1.735	1.735	(0.384)	33268	20.0000	20
13	Trichlorotrifluoroethane	101	1.745	1.745	(0.386)	92914	20.0000	20
14	1,1-Dichloroethene	96	1.735	1.735	(0.384)	77961	20.0000	20
15	Carbon Disulfide	76	1.774	1.774	(0.393)	300728	20.0000	20
16	Iodomethane	142	1.833	1.833	(0.406)	75119	20.0000	20
17	Acrolein	56	1.912	1.912	(0.423)	32097	100.000	99
18	2-Propanol	45	2.001	2.001	(0.443)	16177	20.0000	19
19	3-Chloro-1-Propene	41	2.001	2.001	(0.443)	150443	20.0000	20
20	Methylene Chloride	84	2.070	2.070	(0.458)	98307	20.0000	20
21	Acetone	43	2.089	2.089	(0.462)	52520	20.0000	21
22	trans-1,2-Dichloroethene	96	2.178	2.178	(0.482)	89529	20.0000	19
23	Methyl Acetate	43	2.168	2.168	(0.480)	484240	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.237	2.237	(0.495)	360885	20.0000	20
	25 tert-Butyl alcohol	59	2.286	2.286	(0.506)	92108	100.000	100
	26 Acetonitrile	41	2.394	2.394	(0.530)	110760	200.000	200
	27 Isopropyl ether	45	2.503	2.503	(0.554)	336457	20.0000	20
	28 tert-Butyl ethyl ether	59	2.798	2.798	(0.619)	380944	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.591	2.591	(0.573)	75180	20.0000	20
	30 Acrylonitrile	53	2.631	2.631	(0.582)	95743	40.0000	46(H)
	31 1,1-Dichloroethane	63	2.611	2.611	(0.578)	187290	20.0000	19
	32 Vinyl Acetate	43	2.798	2.798	(0.619)	294352	20.0000	20
	33 cis-1,2-Dichloroethene	96	3.064	3.064	(0.678)	104436	20.0000	20
	34 2,2-Dichloropropane	77	3.172	3.172	(0.702)	200142	20.0000	20
	35 Bromochloromethane	128	3.261	3.261	(0.721)	52514	20.0000	20
	36 1-Bromopropane	43	3.251	3.251	(0.719)	149464	20.0000	20
	37 Cyclohexane	84	3.280	3.280	(0.726)	100763	20.0000	19
	38 Chloroform	83	3.329	3.329	(0.737)	221387	20.0000	20
	39 Ethyl Acetate	43	3.536	3.536	(0.782)	21239	40.0000	48
	40 Methyl Acrylate	55	3.477	3.477	(0.769)	97183	20.0000	21(H)
$	41 Dibromofluoromethane	111	3.526	3.526	(0.780)	117435	20.0000	19
	42 Tetrahydrofuran	42	3.536	3.536	(0.782)	62248	40.0000	38
	43 Carbon Tetrachloride	117	3.497	3.497	(0.774)	177762	20.0000	20
	44 1,1,1-Trichloroethane	97	3.566	3.566	(0.789)	185618	20.0000	19
	45 2-Butanone	43	3.664	3.664	(0.811)	60798	20.0000	20
	46 1,1-Dichloropropene	75	3.703	3.703	(0.819)	145338	20.0000	20
	47 tert-Amyl methyl ether	73	4.186	4.186	(0.926)	324206	20.0000	20
	48 tert-Butyl formate	57	4.363	4.363	(0.965)	44328	20.0000	20
	49 1-Chlorobutane	56	3.763	3.763	(0.832)	214471	20.0000	20
	50 Heptane	43	3.989	3.989	(0.882)	83510	20.0000	18
	51 Propionitrile	54	3.989	3.989	(0.882)	150283	200.000	210
	52 Benzene	78	3.999	3.999	(0.885)	351545	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.018	4.018	(0.889)	152439	20.0000	19
	54 Isobutyl alcohol	42	4.176	4.176	(0.924)	17252	200.000	200
$	55 1,2-Dichloroethane-d4	65	4.156	4.156	(0.919)	179748	20.0000	19
	56 1,2-Dichloroethane	62	4.245	4.245	(0.939)	206953	20.0000	20
	59 Methyl Cyclohexane	83	4.727	4.727	(1.046)	84763	20.0000	20
	60 Trichloroethene	130	4.737	4.737	(1.048)	94654	20.0000	19
	61 Isopropyl Acetate	43	4.737	4.737	(1.048)	4592	40.0000	40(M)
	62 N-Butanol	56	5.170	5.170	(1.144)	27573	200.000	190
	63 Dibromomethane	93	5.190	5.190	(1.148)	75014	20.0000	20
	64 1,2-Dichloropropane	63	5.298	5.298	(1.172)	91944	20.0000	20
	65 Bromodichloromethane	83	5.387	5.387	(1.192)	163167	20.0000	19
	66 Methyl Methacrylate	69	5.583	5.583	(1.235)	82030	20.0000	19
	67 1,4-Dioxane	58	5.642	5.642	(1.248)	4581	200.000	150
	68 N-Propyl Acetate	43	5.997	5.997	(1.327)	36925	40.0000	40(M)
	69 2-Chloroethylvinylether	63	5.997	5.997	(1.327)	38168	20.0000	19
	70 cis-1,3-Dichloropropene	75	6.046	6.046	(1.337)	167134	20.0000	19
	71 Chloroacetonitrile	48	6.410	6.410	(1.418)	35502	200.000	210
	72 2-Nitropropane	41	6.479	6.479	(1.433)	116736	40.0000	40
	73 trans-1,3-Dichloropropene	75	6.696	6.696	(1.481)	169206	20.0000	19
	74 1,1,2-Trichloroethane	97	6.833	6.833	(1.512)	89894	20.0000	21
*	75 Chlorobenzene-d5	117	7.690	7.690	(1.000)	355795	25.0000	
	76 Toluene	91	6.282	6.282	(0.817)	341688	20.0000	20
$	77 Toluene-d8	98	6.233	6.233	(0.811)	308473	20.0000	20
	78 1,1-Dichloro-2-propanone	43	6.509	6.509	(0.846)	398284	100.000	100(M)
	79 4-Methyl-2-Pentanone	43	6.656	6.656	(0.866)	125156	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	80 Tetrachloroethene	164	6.666	6.666	(0.867)	74133	20.0000	20
	81 Ethyl Methacrylate	69	6.883	6.883	(0.895)	124395	20.0000	20
	82 Dibromochloromethane	129	7.011	7.011	(0.912)	128464	20.0000	20
	83 1,3-Dichloropropane	76	7.079	7.079	(0.921)	155442	20.0000	20
	84 1,2-Dibromoethane	107	7.207	7.207	(0.937)	105369	20.0000	20
	85 n-Butyl Acetate	56	7.385	7.385	(0.960)	61503	20.0000	21
	86 2-Hexanone	43	7.444	7.444	(0.968)	89453	20.0000	20
	87 1-Chlorohexane	91	7.709	7.709	(1.003)	100210	20.0000	20
	88 Chlorobenzene	112	7.700	7.700	(1.001)	218920	20.0000	20
	89 1,1,1,2-Tetrachloroethane	131	7.768	7.768	(1.010)	101891	20.0000	20
	90 Ethylbenzene	106	7.739	7.739	(1.006)	97634	20.0000	19
	91 Xylene (total)mp	106	7.877	7.877	(1.024)	247015	40.0000	39
	92 Xylene (total)o	106	8.251	8.251	(1.073)	125480	20.0000	20
	93 Styrene	104	8.300	8.300	(1.079)	203007	20.0000	19
	94 Bromoform	173	8.320	8.320	(1.082)	92588	20.0000	20
*	95 1,4-Dichlorobenzene-d4	152	9.747	9.747	(1.000)	155629	25.0000	
	96 Isopropylbenzene	105	8.536	8.536	(0.876)	270297	20.0000	19
	97 Bromobenzene	156	8.861	8.861	(0.909)	98464	20.0000	19
	98 1,1,2,2-Tetrachloroethane	83	8.959	8.959	(0.919)	113646	20.0000	20
	99 4-Ethyltoluene	105	8.999	8.999	(0.923)	261784	20.0000	19
	100 1,2,3-Trichloropropane	110	9.068	9.068	(0.930)	44210	20.0000	21
	101 trans-1,4-Dichloro-2-Butene	53	9.107	9.107	(0.934)	66390	40.0000	36(M)
	102 n-Propylbenzene	91	8.900	8.900	(0.913)	301341	20.0000	19
	103 2-Chlorotoluene	91	9.028	9.028	(0.926)	261915	20.0000	20
	104 4-Chlorotoluene	91	9.166	9.166	(0.940)	235456	20.0000	20
	105 1,3,5-Trimethylbenzene	105	9.077	9.077	(0.931)	233473	20.0000	20
	106 tert-Butylbenzene	119	9.353	9.353	(0.960)	166266	20.0000	19
	107 1,2,4-Trimethylbenzene	105	9.412	9.412	(0.966)	233817	20.0000	20
	108 sec-Butylbenzene	105	9.511	9.511	(0.976)	217187	20.0000	19
	109 4-Isopropyltoluene	119	9.638	9.638	(0.989)	200093	20.0000	19
	110 1,3-Dichlorobenzene	146	9.688	9.688	(0.994)	138261	20.0000	20
	111 1,4-Dichlorobenzene	146	9.766	9.766	(1.002)	141174	20.0000	19
	112 1,2-Dichlorobenzene	146	10.121	10.121	(1.038)	139657	20.0000	20
	113 Benzyl Chloride	126	9.983	9.983	(1.024)	26688	20.0000	19
	114 1,4-Diethylbenzene	119	9.953	9.953	(2.202)	100551	20.0000	19
	115 n-Butylbenzene	91	10.003	10.003	(1.026)	226033	20.0000	21(H)
	118 1,2,4,5-Tetramethylbenzene	119	10.652	10.652	(2.356)	187644	20.0000	19
	119 1,2-Dibromo-3-chloropropane	75	10.820	10.820	(1.110)	21265	20.0000	19
	120 Nitrobenzene	77	11.302	11.302	(1.160)	12037	200.000	180
	121 1,2,4-Trichlorobenzene	180	11.420	11.420	(1.172)	48662	20.0000	18
	122 Hexachlorobutadiene	225	11.410	11.410	(1.171)	62274	20.0000	19
	123 Naphthalene	128	11.696	11.696	(1.200)	75472	20.0000	18
	124 1,2,3-Trichlorobenzene	180	11.863	11.863	(1.217)	48430	20.0000	19
$	125 Bromofluorobenzene	95	8.772	8.772	(0.900)	118961	20.0000	19
M	126 1,2-Dichloroethene (total)	100				193965	40.0000	40
M	127 Xylene (total)	100				372495	60.0000	58

QC Flag Legend

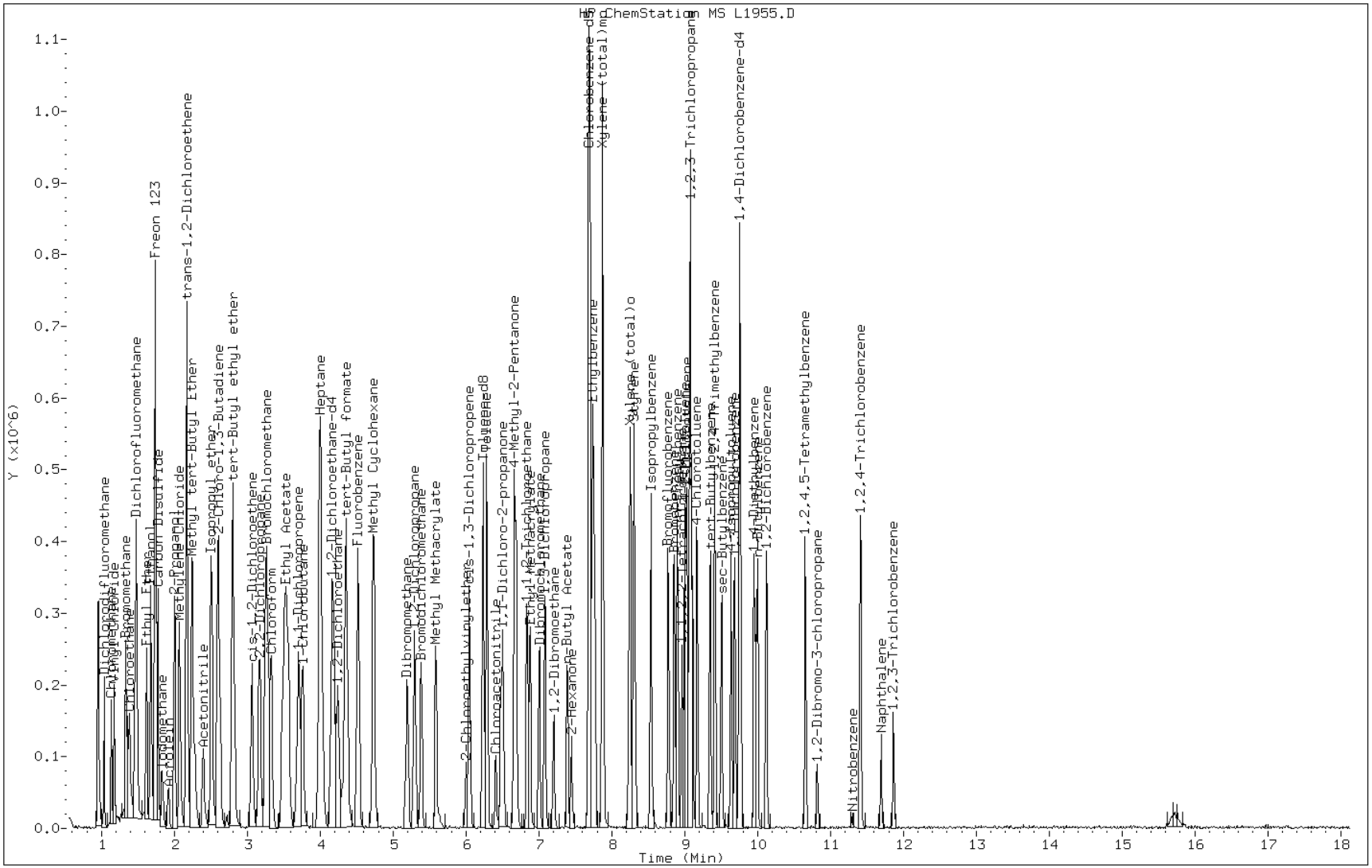
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L1955.D

Date: 26-DEC-2008 11:41

Client ID: IC;20 Instrument: msl.i

Sample Info: IC;20 Operator: B.KOSTRZEWSKA



TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L1956.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 26-DEC-2008 12:06 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;5
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L081952.b\L8260BNW.m
Meth Date : 01-Jan-2009 15:51 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 12:06 Cal File: L1956.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.521	4.520	(1.000)	394884	25.0000	
2	Dichlorodifluoromethane	85	1.037	1.036	(0.229)	23534	5.00000	5
3	Chloromethane	50	1.135	1.135	(0.251)	22179	5.00000	5
4	Vinyl Chloride	62	1.174	1.174	(0.260)	21844	5.00000	5
5	Bromomethane	94	1.332	1.331	(0.295)	15870	5.00000	6(M)
6	Chloroethane	64	1.381	1.381	(0.306)	15959	5.00000	6
7	Trichlorofluoromethane	101	1.460	1.459	(0.323)	50011	5.00000	5
8	Dichlorofluoromethane	67	1.479	1.479	(0.327)	52830	5.00000	5
9	Ethyl Ether	45	1.617	1.617	(0.358)	16812	5.00000	5
10	Ethanol	45	1.342	1.666	(0.297)	17095	50.0000	44
11	Freon 141	81	1.676	1.676	(0.371)	57283	5.00000	5
12	Freon 123	67	1.726	1.735	(0.382)	6937	5.00000	4(M)
13	Trichlorotrifluoroethane	101	1.745	1.745	(0.386)	20962	5.00000	4
14	1,1-Dichloroethene	96	1.735	1.735	(0.384)	18295	5.00000	5
15	Carbon Disulfide	76	1.775	1.774	(0.393)	72623	5.00000	5
16	Iodomethane	142	1.834	1.833	(0.406)	12281	5.00000	8
17	Acrolein	56	1.922	1.912	(0.425)	8404	25.0000	26
18	2-Propanol	45	2.011	2.001	(0.445)	2428	5.00000	3(MH)
19	3-Chloro-1-Propene	41	2.001	2.001	(0.443)	36338	5.00000	5
20	Methylene Chloride	84	2.070	2.070	(0.458)	26520	5.00000	5
21	Acetone	43	2.100	2.089	(0.464)	14557	5.00000	6
22	trans-1,2-Dichloroethene	96	2.178	2.178	(0.482)	22828	5.00000	5
23	Methyl Acetate	43	2.168	2.168	(0.480)	126301	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.247	2.237	(0.497)	87236	5.00000	5
	25 tert-Butyl alcohol	59	2.287	2.286	(0.506)	25385	25.0000	27
	26 Acetonitrile	41	2.395	2.394	(0.530)	29720	50.0000	54
	27 Isopropyl ether	45	2.503	2.503	(0.554)	78496	5.00000	4
	28 tert-Butyl ethyl ether	59	2.808	2.798	(0.621)	95552	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.592	2.591	(0.573)	16459	5.00000	4
	30 Acrylonitrile	53	2.631	2.631	(0.582)	18199	10.0000	9
	31 1,1-Dichloroethane	63	2.601	2.611	(0.575)	50240	5.00000	5
	32 Vinyl Acetate	43	2.798	2.798	(0.619)	72094	5.00000	5
	33 cis-1,2-Dichloroethene	96	3.064	3.064	(0.678)	25281	5.00000	5
	34 2,2-Dichloropropane	77	3.163	3.172	(0.700)	50055	5.00000	5
	35 Bromochloromethane	128	3.261	3.261	(0.721)	11328	5.00000	4
	36 1-Bromopropane	43	3.251	3.251	(0.719)	36327	5.00000	5
	37 Cyclohexane	84	3.281	3.280	(0.726)	26347	5.00000	5
	38 Chloroform	83	3.330	3.329	(0.737)	54985	5.00000	5
	39 Ethyl Acetate	43	3.566	3.536	(0.789)	3632	10.0000	8(M)
	40 Methyl Acrylate	55	3.477	3.477	(0.769)	23996	5.00000	5(H)
$	41 Dibromofluoromethane	111	3.517	3.526	(0.778)	28585	5.00000	5
	42 Tetrahydrofuran	42	3.546	3.536	(0.784)	16959	10.0000	10
	43 Carbon Tetrachloride	117	3.507	3.497	(0.776)	38683	5.00000	4
	44 1,1,1-Trichloroethane	97	3.566	3.566	(0.789)	43699	5.00000	4
	45 2-Butanone	43	3.674	3.664	(0.813)	15937	5.00000	5(M)
	46 1,1-Dichloropropene	75	3.704	3.703	(0.819)	33447	5.00000	4
	47 tert-Amyl methyl ether	73	4.196	4.186	(0.928)	78877	5.00000	5
	48 tert-Butyl formate	57	4.353	4.363	(0.963)	10276	5.00000	4
	49 1-Chlorobutane	56	3.753	3.763	(0.830)	51747	5.00000	5
	50 Heptane	43	3.989	3.989	(0.882)	29198	5.00000	4
	51 Propionitrile	54	3.989	3.989	(0.882)	36697	50.0000	50
	52 Benzene	78	3.999	3.999	(0.885)	80746	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	4.029	4.018	(0.891)	44114	5.00000	6
	54 Isobutyl alcohol	42	4.206	4.176	(0.930)	3403	50.0000	39(M)
$	55 1,2-Dichloroethane-d4	65	4.157	4.156	(0.919)	47109	5.00000	5
	56 1,2-Dichloroethane	62	4.245	4.245	(0.939)	50624	5.00000	5
	59 Methyl Cyclohexane	83	4.718	4.727	(1.044)	19779	5.00000	4
	60 Trichloroethene	130	4.727	4.737	(1.046)	23706	5.00000	5
	61 Isopropyl Acetate	43	4.747	4.737	(1.050)	781	10.0000	7(M)
	62 N-Butanol	56	5.180	5.170	(1.146)	6316	50.0000	44
	63 Dibromomethane	93	5.190	5.190	(1.148)	19305	5.00000	5
	64 1,2-Dichloropropane	63	5.298	5.298	(1.172)	23689	5.00000	5(T)
	65 Bromodichloromethane	83	5.387	5.387	(1.192)	40931	5.00000	5
	66 Methyl Methacrylate	69	5.594	5.583	(1.237)	20760	5.00000	5
	68 N-Propyl Acetate	43	6.007	5.997	(1.329)	8458	10.0000	9(M)
	69 2-Chloroethylvinylether	63	5.997	5.997	(1.327)	8533	5.00000	4(M)
	70 cis-1,3-Dichloropropene	75	6.046	6.046	(1.337)	39782	5.00000	4
	71 Chloroacetonitrile	48	6.411	6.410	(1.418)	8494	50.0000	50
	72 2-Nitropropane	41	6.479	6.479	(1.433)	28613	10.0000	10(M)
	73 trans-1,3-Dichloropropene	75	6.696	6.696	(1.481)	38824	5.00000	4
	74 1,1,2-Trichloroethane	97	6.844	6.833	(1.514)	19547	5.00000	4
*	75 Chlorobenzene-d5	117	7.690	7.690	(1.000)	346589	25.0000	
	76 Toluene	91	6.283	6.282	(0.817)	83822	5.00000	5
$	77 Toluene-d8	98	6.233	6.233	(0.811)	77074	5.00000	5
	78 1,1-Dichloro-2-propanone	43	6.509	6.509	(0.846)	99724	25.0000	26(M)
	79 4-Methyl-2-Pentanone	43	6.666	6.656	(0.867)	29534	5.00000	5
	80 Tetrachloroethene	164	6.666	6.666	(0.867)	18330	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	6.883	6.883	(0.895)	27574	5.00000	5
82	Dibromochloromethane	129	7.011	7.011	(0.912)	29199	5.00000	5(T)
83	1,3-Dichloropropane	76	7.090	7.079	(0.922)	39574	5.00000	5
84	1,2-Dibromoethane	107	7.208	7.207	(0.937)	24191	5.00000	5
85	n-Butyl Acetate	56	7.395	7.385	(0.962)	12503	5.00000	4
86	2-Hexanone	43	7.444	7.444	(0.968)	21020	5.00000	5(M)
87	1-Chlorohexane	91	7.710	7.709	(1.003)	22583	5.00000	5
88	Chlorobenzene	112	7.700	7.700	(1.001)	53250	5.00000	5
89	1,1,1,2-Tetrachloroethane	131	7.769	7.768	(1.010)	22478	5.00000	4(M)
90	Ethylbenzene	106	7.739	7.739	(1.006)	22066	5.00000	4
91	Xylene (total)mp	106	7.877	7.877	(1.024)	61727	10.0000	10
92	Xylene (total)o	106	8.251	8.251	(1.073)	30973	5.00000	5
93	Styrene	104	8.300	8.300	(1.079)	47737	5.00000	5
94	Bromoform	173	8.320	8.320	(1.082)	17314	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	9.757	9.747	(1.000)	133516	25.0000	
96	Isopropylbenzene	105	8.537	8.536	(0.875)	63717	5.00000	5
97	Bromobenzene	156	8.861	8.861	(0.908)	24302	5.00000	6
98	1,1,2,2-Tetrachloroethane	83	8.960	8.959	(0.918)	27808	5.00000	6
99	4-Ethyltoluene	105	8.999	8.999	(0.922)	59026	5.00000	5
100	1,2,3-Trichloropropane	110	9.068	9.068	(0.929)	10539	5.00000	6
101	trans-1,4-Dichloro-2-Butene	53	9.107	9.107	(0.933)	13029	10.0000	8
102	n-Propylbenzene	91	8.901	8.900	(0.912)	67762	5.00000	5
103	2-Chlorotoluene	91	9.029	9.028	(0.925)	63912	5.00000	6
104	4-Chlorotoluene	91	9.176	9.166	(0.940)	54062	5.00000	5
105	1,3,5-Trimethylbenzene	105	9.078	9.077	(0.930)	58502	5.00000	6
106	tert-Butylbenzene	119	9.353	9.353	(0.959)	41844	5.00000	6
107	1,2,4-Trimethylbenzene	105	9.413	9.412	(0.965)	53056	5.00000	5
108	sec-Butylbenzene	105	9.511	9.511	(0.975)	52885	5.00000	6
109	4-Isopropyltoluene	119	9.639	9.638	(0.988)	48749	5.00000	5
110	1,3-Dichlorobenzene	146	9.688	9.688	(0.993)	29514	5.00000	5
111	1,4-Dichlorobenzene	146	9.767	9.766	(1.001)	31520	5.00000	5
112	1,2-Dichlorobenzene	146	10.121	10.121	(1.037)	31183	5.00000	5
113	Benzyl Chloride	126	9.974	9.983	(1.022)	3689	5.00000	7
114	1,4-Diethylbenzene	119	9.954	9.953	(2.202)	19458	5.00000	6
115	n-Butylbenzene	91	10.003	10.003	(1.025)	43747	5.00000	5
118	1,2,4,5-Tetramethylbenzene	119	10.653	10.652	(2.356)	27192	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	10.820	10.820	(1.109)	2614	5.00000	5
120	Nitrobenzene	77	11.263	11.302	(1.154)	641	50.0000	140(M)
121	1,2,4-Trichlorobenzene	180	11.430	11.420	(1.171)	1813	5.00000	7
122	Hexachlorobutadiene	225	11.411	11.410	(1.169)	21216	5.00000	0.3
123	Naphthalene	128	11.706	11.696	(1.200)	664	5.00000	10(M)
124	1,2,3-Trichlorobenzene	180	11.863	11.863	(1.216)	1674	5.00000	6
$ 125	Bromofluorobenzene	95	8.773	8.772	(0.899)	29663	5.00000	5
M 126	1,2-Dichloroethene (total)	100				48109	10.0000	10
M 127	Xylene (total)	100				92700	15.0000	15

QC Flag Legend

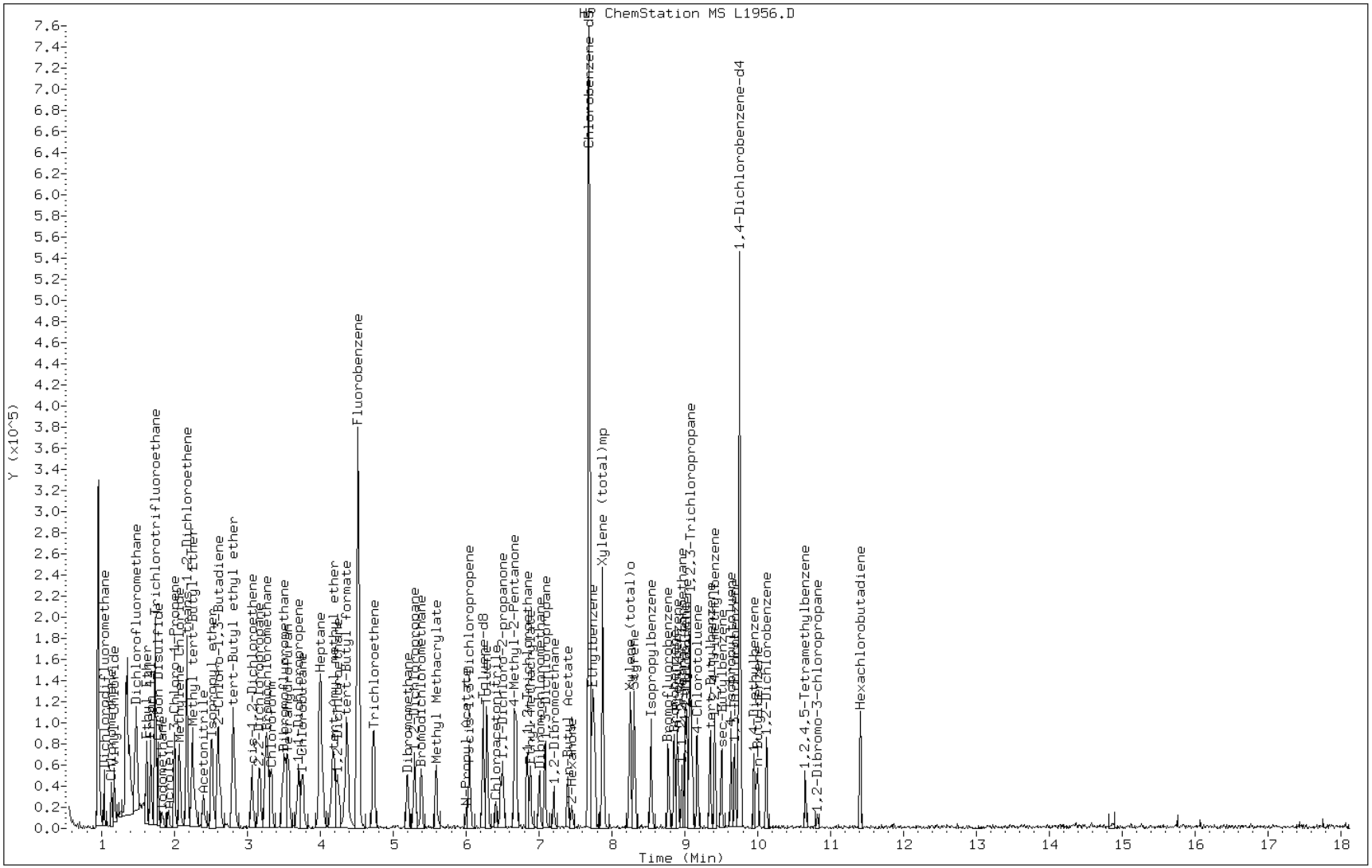
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L1956.D

Date: 26-DEC-2008 12:06

Client ID: IC;5 Instrument: msl.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: CCVIS 220-23358/1 Calibration Date: 01/02/2009 08:50

Instrument ID: MSL Calib Start Date: 12/26/2008 10:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 12/26/2008 12:06

Lab File ID: L2163.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Ave	0.2865	0.3478		61.0	50.0	21.4	30.0
Chloromethane	Ave	0.2669	0.2933	0.1000	55.0	50.0	9.9	30.0
Vinyl chloride	Ave	0.2739	0.3125		57.0	50.0	14.1	20.0
Bromomethane	Ave	0.1727	0.1548		45.0	50.0	-10.4	30.0
Chloroethane	Ave	0.1766	0.1826		52.0	50.0	3.4	30.0
Trichlorofluoromethane	Ave	0.5882	0.5922		50.0	50.0	0.7	30.0
Dichlorofluoromethane	Ave	0.6997	0.6798		49.0	50.0	-2.8	30.0
Ethyl ether	Ave	0.1954	0.1819		47.0	50.0	-6.9	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.7549	0.7349		49.0	50.0	-2.7	30.0
Ethanol	Ave	0.0243	0.0230		470	500	-5.6	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.1028	0.1015		49.0	50.0	-1.4	30.0
1,1-Dichloroethene	Ave	0.2487	0.2286		46.0	50.0	-8.1	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2976	0.2919		49.0	50.0	-1.9	30.0
Carbon disulfide	Ave	0.9753	0.6200		32.0	50.0	-36.4*	30.0
Iodomethane	Lin	0.2567	0.2538		44.0	50.0	-11.0	30.0
Acrolein	Ave	0.0205	0.0226		280	250	10.0	30.0
3-Chloro-1-propene	Ave	0.4744	0.4722		50.0	50.0	-0.5	30.0
Isopropyl alcohol	Lin	0.0509	0.0470		42.0	50.0	-16.2	30.0
Methylene Chloride	Ave	0.3190	0.2897		45.0	50.0	-9.2	30.0
Acetone	Ave	0.1618	0.1520		47.0	50.0	-6.1	30.0
Methyl acetate	Ave	1.536	1.309		43.0	50.0	-14.8	30.0
trans-1,2-Dichloroethene	Ave	0.2971	0.2649		45.0	50.0	-10.8	30.0
Methyl tert-butyl ether	Ave	1.155	1.089		47.0	50.0	-5.7	30.0
2-Methyl-2-propanol	Ave	0.0587	0.0457		190	250	-22.1	30.0
Acetonitrile	Ave	0.0350	0.0317		450	500	-9.5	30.0
Isopropyl ether	Ave	1.086	1.087		50.0	50.0	0.1	30.0
2-Chloro-1,3-butadiene	Ave	0.2324	0.2042		44.0	50.0	-12.1	30.0
1,1-Dichloroethane	Ave	0.6223	0.5876	0.1000	47.0	50.0	-5.6	30.0
Acrylonitrile	Ave	0.1337	0.1238		93.0	100	-7.5	30.0
Vinyl acetate	Ave	0.9348	0.8200		44.0	50.0	-12.3	30.0
Tert-butyl ethyl ether	Ave	1.226	1.197		49.0	50.0	-2.3	30.0
cis-1,2-Dichloroethene	Ave	0.3264	0.3109		48.0	50.0	-4.7	30.0
2,2-Dichloropropane	Ave	0.6475	0.6344		49.0	50.0	-2.0	30.0
1-Bromopropane	Ave	0.4837	0.4328		45.0	50.0	-10.5	30.0
Chlorobromomethane	Ave	0.1679	0.1582		47.0	50.0	-5.8	30.0
Cyclohexane	Ave	0.3317	0.3139		47.0	50.0	-5.4	30.0
Chloroform	Ave	0.7138	0.6566		46.0	50.0	-8.0	20.0
Methyl acrylate	Lin	0.2886	0.2856		45.0	50.0	-9.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: CCVIS 220-23358/1 Calibration Date: 01/02/2009 08:50

Instrument ID: MSL Calib Start Date: 12/26/2008 10:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 12/26/2008 12:06

Lab File ID: L2163.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Carbon tetrachloride	Ave	0.5711	0.5279		46.0	50.0	-7.6	30.0
Ethyl acetate	Ave	0.0282	0.0252		89.0	100	-10.7	30.0
Tetrahydrofuran	Ave	0.1031	0.0908		88.0	100	-12.0	30.0
1,1,1-Trichloroethane	Ave	0.6100	0.5877		48.0	50.0	-3.7	30.0
2-Butanone (MEK)	Ave	0.1926	0.1638		43.0	50.0	-15.0	30.0
1,1-Dichloropropene	Ave	0.4699	0.4273		45.0	50.0	-9.1	30.0
1-Chlorobutane	Ave	0.6963	0.6568		47.0	50.0	-5.7	30.0
Benzene	Ave	1.097	1.047		48.0	50.0	-4.6	30.0
n-Heptane	Lin	0.2858	0.2709		51.0	50.0	1.2	30.0
Propionitrile	Ave	0.0464	0.0433		470	500	-6.6	30.0
Methacrylonitrile	Ave	0.5002	0.4682		47.0	50.0	-6.4	30.0
Isobutyl alcohol	Ave	0.0055	0.0055		500	500	0.5	30.0
Tert-amyl methyl ether	Ave	1.039	1.018		49.0	50.0	-2.0	30.0
1,2-Dichloroethane	Ave	0.6713	0.6121		46.0	50.0	-8.8	30.0
tert-Butyl Formate	Ave	0.1415	0.0984		35.0	50.0	-30.5*	30.0
Isopropyl acetate	Ave	0.0074	0.0092		130	100	25.5	30.0
Methylcyclohexane	Ave	0.2746	0.2897		53.0	50.0	5.5	30.0
Trichloroethene	Ave	0.3153	0.2880		46.0	50.0	-8.7	30.0
n-Butanol	Ave	0.0091	0.0080		440	500	-12.2	30.0
Dibromomethane	Ave	0.2428	0.2156		44.0	50.0	-11.2	30.0
1,2-Dichloropropane	Ave	0.2949	0.2791		47.0	50.0	-5.4	20.0
Dichlorobromomethane	Ave	0.5429	0.4991		46.0	50.0	-8.1	30.0
Methyl methacrylate	Ave	0.2683	0.2430		45.0	50.0	-9.4	30.0
1,4-Dioxane	Lin	0.0018	0.0022		470	500	-6.4	30.0
2-Chloroethyl vinyl ether	Ave	0.1279	0.0545		21.0	50.0	-57.4*	30.0
n-Propyl acetate	Ave	0.0584	0.0218		37.0	100	-62.7*	30.0
cis-1,3-Dichloropropene	Ave	0.5479	0.5331		49.0	50.0	-2.7	30.0
Toluene	Ave	1.218	1.121		46.0	50.0	-8.0	20.0
Chloroacetonitrile	Ave	0.0108	0.0098		460	500	-8.8	30.0
2-Nitropropane	Ave	0.1879	0.1650		88.0	100	-12.2	30.0
1,1-Dichloroacetone	Ave	0.2798	0.2272		200	250	-18.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4245	0.3663		43.0	50.0	-13.7	30.0
Tetrachloroethene	Ave	0.2554	0.2185		43.0	50.0	-14.4	30.0
trans-1,3-Dichloropropene	Ave	0.5628	0.5446		48.0	50.0	-3.2	30.0
1,1,2-Trichloroethane	Ave	0.2745	0.2664		49.0	50.0	-3.0	30.0
Ethyl methacrylate	Ave	0.4291	0.3885		45.0	50.0	-9.5	30.0
Chlorodibromomethane	Ave	0.4528	0.4128		46.0	50.0	-8.9	30.0
1,3-Dichloropropane	Ave	0.5598	0.5224		47.0	50.0	-6.7	30.0
Ethylene Dibromide	Ave	0.3639	0.3132		43.0	50.0	-13.9	30.0
n-Butyl acetate	Ave	0.2087	0.1871		45.0	50.0	-10.4	30.0
2-Hexanone	Ave	0.3067	0.2596		42.0	50.0	-15.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: CCVIS 220-23358/1 Calibration Date: 01/02/2009 08:50

Instrument ID: MSL Calib Start Date: 12/26/2008 10:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 12/26/2008 12:06

Lab File ID: L2163.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
1-Chlorohexane	Ave	0.3441	0.2972		43.0	50.0	-13.6	30.0
Chlorobenzene	Ave	0.7863	0.7284	0.3000	46.0	50.0	-7.4	30.0
Ethylbenzene	Ave	0.3558	0.3460		49.0	50.0	-2.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3577	0.3502		49.0	50.0	-2.1	30.0
m-Xylene & p-Xylene	Ave	0.4495	0.4139		92.0	100	-7.9	30.0
o-Xylene	Ave	0.4471	0.4216		47.0	50.0	-5.7	30.0
Styrene	Ave	0.7403	0.7081		48.0	50.0	-4.4	30.0
Bromoform	Ave	0.3219	0.2819	0.1000	44.0	50.0	-12.4	30.0
Isopropylbenzene	Ave	2.253	2.110		47.0	50.0	-6.4	30.0
Bromobenzene	Ave	0.8238	0.7260		44.0	50.0	-11.9	30.0
N-Propylbenzene	Ave	2.484	2.354		47.0	50.0	-5.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9083	0.8171	0.3000	45.0	50.0	-10.0	30.0
4-Ethyltoluene	Ave	2.168	1.997		46.0	50.0	-7.9	30.0
2-Chlorotoluene	Ave	2.146	1.930		45.0	50.0	-10.1	30.0
1,2,3-Trichloropropane	Ave	0.3325	0.2779		42.0	50.0	-16.4	30.0
1,3,5-Trimethylbenzene	Ave	1.909	1.744		46.0	50.0	-8.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2926	0.2400		82.0	100	-18.0	30.0
4-Chlorotoluene	Ave	1.939	1.793		46.0	50.0	-7.5	30.0
tert-Butylbenzene	Ave	1.407	1.381		49.0	50.0	-1.8	30.0
1,2,4-Trimethylbenzene	Ave	1.886	1.748		46.0	50.0	-7.3	30.0
sec-Butylbenzene	Ave	1.793	1.787		50.0	50.0	-0.3	30.0
4-Isopropyltoluene	Ave	1.679	1.635		49.0	50.0	-2.6	30.0
1,3-Dichlorobenzene	Ave	1.120	1.055		47.0	50.0	-5.9	30.0
1,4-Dichlorobenzene	Ave	1.171	1.073		46.0	50.0	-8.4	30.0
p-Diethylbenzene	Lin	0.3410	0.3606		48.0	50.0	-3.1	30.0
Benzyl chloride	Lin	0.2421	0.2118		39.0	50.0	-21.2	30.0
n-Butylbenzene	Ave	1.743	1.504		43.0	50.0	-13.7	30.0
1,2-Dichlorobenzene	Ave	1.128	1.075		48.0	50.0	-4.7	30.0
1,2,4,5-Tetramethylbenzene	Lin	0.6152	0.6996		50.0	50.0	0.4	30.0
1,2-Dibromo-3-Chloropropane	Lin	0.1734	0.1620		42.0	50.0	-15.9	30.0
Nitrobenzene	Qua	0.0276	0.0132		280	500	-43.5*	30.0
Hexachlorobutadiene	Lin	0.4908	0.3147		36.0	50.0	-27.8	30.0
1,2,4-Trichlorobenzene	Lin	0.4530	0.4785		43.0	50.0	-14.5	30.0
Naphthalene	Lin	0.9011	0.9152		40.0	50.0	-19.5	30.0
1,2,3-Trichlorobenzene	Lin	0.4238	0.4695		45.0	50.0	-10.4	30.0
Dibromofluoromethane	Ave	0.3870	0.3778		24.0	25.0	-2.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.5883	0.5511		23.0	25.0	-6.3	30.0
Toluene-d8 (Surr)	Ave	1.106	1.079		24.0	25.0	-2.5	30.0
4-Bromofluorobenzene	Ave	1.014	0.9580		24.0	25.0	-5.6	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2163.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 02-JAN-2009 08:50 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : CCVIS
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 41 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1 Fluorobenzene	96	4.561	4.561	(1.000)	402316	25.0000	
2 Dichlorodifluoromethane	85	1.048	1.048	(0.230)	279873	50.0000	61
3 Chloromethane	50	1.146	1.146	(0.251)	235967	50.0000	55
4 Vinyl Chloride	62	1.185	1.185	(0.260)	251431	50.0000	57
5 Bromomethane	94	1.343	1.343	(0.294)	124546	50.0000	45
6 Chloroethane	64	1.382	1.382	(0.303)	146928	50.0000	52
7 Trichlorofluoromethane	101	1.471	1.471	(0.323)	476490	50.0000	50
8 Dichlorofluoromethane	67	1.491	1.491	(0.327)	547018	50.0000	48
9 Ethyl Ether	45	1.628	1.628	(0.357)	146345	50.0000	46
10 Ethanol	45	1.687	1.687	(0.370)	184747	500.000	470(H)
11 Freon 141	81	1.687	1.687	(0.370)	591325	50.0000	49
12 Freon 123	67	1.747	1.747	(0.383)	81627	50.0000	49
13 Trichlorotrifluoroethane	101	1.766	1.766	(0.387)	234882	50.0000	49
14 1,1-Dichloroethene	96	1.756	1.756	(0.385)	183912	50.0000	46
15 Carbon Disulfide	76	1.786	1.786	(0.392)	498842	50.0000	32
16 Iodomethane	142	1.845	1.845	(0.405)	204247	50.0000	44
17 Acrolein	56	1.934	1.934	(0.424)	90925	250.000	280
18 2-Propanol	45	2.042	2.042	(0.448)	37810	50.0000	42
19 3-Chloro-1-Propene	41	2.022	2.022	(0.443)	379921	50.0000	50
20 Methylene Chloride	84	2.091	2.091	(0.458)	233130	50.0000	45
21 Acetone	43	2.121	2.121	(0.465)	122273	50.0000	47
22 trans-1,2-Dichloroethene	96	2.199	2.199	(0.482)	213168	50.0000	44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.189	2.189	(0.480)	1053368	50.0000	43
	24 Methyl tert-Butyl Ether	73	2.258	2.258	(0.495)	876294	50.0000	47
	25 tert-Butyl alcohol	59	2.317	2.317	(0.508)	183869	250.000	190(MH)
	26 Acetonitrile	41	2.416	2.416	(0.530)	254952	500.000	450
	27 Isopropyl ether	45	2.534	2.534	(0.556)	874930	50.0000	50
	28 tert-Butyl ethyl ether	59	2.829	2.829	(0.620)	963239	50.0000	49
	29 2-Chloro-1,3-Butadiene	88	2.622	2.622	(0.575)	164300	50.0000	44
	30 Acrylonitrile	53	2.662	2.662	(0.584)	199160	100.000	92(H)
	31 1,1-Dichloroethane	63	2.632	2.632	(0.577)	472808	50.0000	47
	32 Vinyl Acetate	43	2.819	2.819	(0.618)	659758	50.0000	44
	33 cis-1,2-Dichloroethene	96	3.095	3.095	(0.679)	250167	50.0000	48
	34 2,2-Dichloropropane	77	3.203	3.203	(0.702)	510491	50.0000	49
	35 Bromochloromethane	128	3.302	3.302	(0.724)	127298	50.0000	47
	36 1-Bromopropane	43	3.282	3.282	(0.720)	348238	50.0000	45
	37 Cyclohexane	84	3.321	3.321	(0.728)	252594	50.0000	47
	38 Chloroform	83	3.361	3.361	(0.737)	528328	50.0000	46
	39 Ethyl Acetate	43	3.558	3.558	(0.780)	40594	100.000	89
	40 Methyl Acrylate	55	3.508	3.508	(0.769)	229792	50.0000	45(H)
$	41 Dibromofluoromethane	111	3.558	3.558	(0.780)	151976	25.0000	24
	42 Tetrahydrofuran	42	3.567	3.567	(0.782)	146084	100.000	88
	43 Carbon Tetrachloride	117	3.538	3.538	(0.776)	424781	50.0000	46
	44 1,1,1-Trichloroethane	97	3.597	3.597	(0.789)	472846	50.0000	48
	45 2-Butanone	43	3.705	3.705	(0.812)	131820	50.0000	42
	46 1,1-Dichloropropene	75	3.745	3.745	(0.821)	343834	50.0000	45
	47 tert-Amyl methyl ether	73	4.217	4.217	(0.924)	819410	50.0000	49
	48 tert-Butyl formate	57	4.394	4.394	(0.963)	79200	50.0000	35
	49 1-Chlorobutane	56	3.804	3.804	(0.834)	528506	50.0000	47
	50 Heptane	43	4.040	4.040	(0.886)	217955	50.0000	51
	51 Propionitrile	54	4.040	4.040	(0.886)	348298	500.000	470
	52 Benzene	78	4.040	4.040	(0.886)	842108	50.0000	48
	53 2-Methyl-2-Propenenitrile	41	4.059	4.059	(0.890)	376689	50.0000	47
	54 Isobutyl alcohol	42	4.217	4.217	(0.924)	44520	500.000	500
$	55 1,2-Dichloroethane-d4	65	4.197	4.197	(0.920)	221725	25.0000	23
	56 1,2-Dichloroethane	62	4.286	4.286	(0.940)	492519	50.0000	46
	59 Methyl Cyclohexane	83	4.768	4.768	(1.045)	233125	50.0000	53
	60 Trichloroethene	130	4.778	4.778	(1.047)	231704	50.0000	46
	61 Isopropyl Acetate	43	4.758	4.758	(1.043)	14868	100.000	120(M)
	62 N-Butanol	56	5.201	5.201	(1.140)	64143	500.000	440
	63 Dibromomethane	93	5.231	5.231	(1.147)	173488	50.0000	44
	64 1,2-Dichloropropane	63	5.329	5.329	(1.168)	224559	50.0000	47
	65 Bromodichloromethane	83	5.418	5.418	(1.188)	401588	50.0000	46
	66 Methyl Methacrylate	69	5.615	5.615	(1.231)	195519	50.0000	45
	67 1,4-Dioxane	58	5.684	5.684	(1.246)	17817	500.000	470(M)
	68 N-Propyl Acetate	43	6.038	6.038	(1.324)	35074	100.000	37
	69 2-Chloroethylvinylether	63	6.028	6.028	(1.321)	43875	50.0000	21
	70 cis-1,3-Dichloropropene	75	6.077	6.077	(1.332)	428925	50.0000	49
	71 Chloroacetonitrile	48	6.441	6.441	(1.412)	79052	500.000	460
	72 2-Nitropropane	41	6.510	6.510	(1.427)	265463	100.000	88
	73 trans-1,3-Dichloropropene	75	6.717	6.717	(1.472)	438220	50.0000	48
	74 1,1,2-Trichloroethane	97	6.865	6.865	(1.505)	214325	50.0000	48
*	75 Chlorobenzene-d5	117	7.711	7.711	(1.000)	380337	25.0000	
	76 Toluene	91	6.313	6.313	(0.819)	852501	50.0000	46
$	77 Toluene-d8	98	6.264	6.264	(0.812)	410253	25.0000	24
	78 1,1-Dichloro-2-propanone	43	6.530	6.530	(0.847)	863965	250.000	200

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	6.687	6.687	(0.867)	278598	50.0000	43
80	Tetrachloroethene	164	6.697	6.697	(0.869)	166200	50.0000	43
81	Ethyl Methacrylate	69	6.904	6.904	(0.895)	295527	50.0000	45
82	Dibromochloromethane	129	7.032	7.032	(0.912)	313974	50.0000	46
83	1,3-Dichloropropane	76	7.111	7.111	(0.922)	397365	50.0000	47
84	1,2-Dibromoethane	107	7.229	7.229	(0.937)	238228	50.0000	43
85	n-Butyl Acetate	56	7.416	7.416	(0.962)	142308	50.0000	45
86	2-Hexanone	43	7.475	7.475	(0.969)	197437	50.0000	42
87	1-Chlorohexane	91	7.731	7.731	(1.003)	226064	50.0000	43
88	Chlorobenzene	112	7.731	7.731	(1.003)	554044	50.0000	46
89	1,1,1,2-Tetrachloroethane	131	7.790	7.790	(1.010)	266375	50.0000	49
90	Ethylbenzene	106	7.770	7.770	(1.008)	263152	50.0000	49
91	Xylene (total)mp	106	7.898	7.898	(1.024)	629633	100.000	92
92	Xylene (total)o	106	8.282	8.282	(1.074)	320696	50.0000	47
93	Styrene	104	8.331	8.331	(1.080)	538608	50.0000	48(H)
94	Bromoform	173	8.341	8.341	(1.082)	214442	50.0000	44
* 95	1,4-Dichlorobenzene-d4	152	9.778	9.778	(1.000)	179844	25.0000	
96	Isopropylbenzene	105	8.567	8.567	(0.876)	758998	50.0000	47
97	Bromobenzene	156	8.882	8.882	(0.908)	261123	50.0000	44
98	1,1,2,2-Tetrachloroethane	83	8.991	8.991	(0.919)	293885	50.0000	45
99	4-Ethyltoluene	105	9.030	9.030	(0.924)	718323	50.0000	46
100	1,2,3-Trichloropropane	110	9.089	9.089	(0.930)	99958	50.0000	42
101	trans-1,4-Dichloro-2-Butene	53	9.138	9.138	(0.935)	172627	100.000	82
102	n-Propylbenzene	91	8.932	8.932	(0.913)	846730	50.0000	47
103	2-Chlorotoluene	91	9.050	9.050	(0.926)	694023	50.0000	45
104	4-Chlorotoluene	91	9.197	9.197	(0.941)	644911	50.0000	46
105	1,3,5-Trimethylbenzene	105	9.099	9.099	(0.931)	627214	50.0000	46
106	tert-Butylbenzene	119	9.374	9.374	(0.959)	496797	50.0000	49
107	1,2,4-Trimethylbenzene	105	9.434	9.434	(0.965)	628731	50.0000	46
108	sec-Butylbenzene	105	9.532	9.532	(0.975)	642730	50.0000	50
109	4-Isopropyltoluene	119	9.660	9.660	(0.988)	588035	50.0000	49
110	1,3-Dichlorobenzene	146	9.709	9.709	(0.993)	379331	50.0000	47
111	1,4-Dichlorobenzene	146	9.788	9.788	(1.001)	385819	50.0000	46
112	1,2-Dichlorobenzene	146	10.152	10.152	(1.038)	386634	50.0000	48
113	Benzyl Chloride	126	10.004	10.004	(1.023)	76193	50.0000	39
114	1,4-Diethylbenzene	119	9.975	9.975	(2.187)	290142	50.0000	48
115	n-Butylbenzene	91	10.024	10.024	(1.025)	541056	50.0000	43(H)
118	1,2,4,5-Tetramethylbenzene	119	10.684	10.684	(2.342)	562884	50.0000	50
119	1,2-Dibromo-3-chloropropane	75	10.841	10.841	(1.109)	58262	50.0000	42
120	Nitrobenzene	77	11.323	11.323	(1.158)	47461	500.000	280
121	1,2,4-Trichlorobenzene	180	11.451	11.451	(1.171)	172098	50.0000	43
122	Hexachlorobutadiene	225	11.432	11.432	(1.169)	113180	50.0000	36
123	Naphthalene	128	11.717	11.717	(1.198)	329189	50.0000	40
124	1,2,3-Trichlorobenzene	180	11.894	11.894	(1.216)	168854	50.0000	45
$ 125	Bromofluorobenzene	95	8.804	8.804	(0.900)	172293	25.0000	24
M 126	1,2-Dichloroethene (total)	100				463335	100.000	92
M 127	Xylene (total)	100				950329	150.000	140

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L2163.D

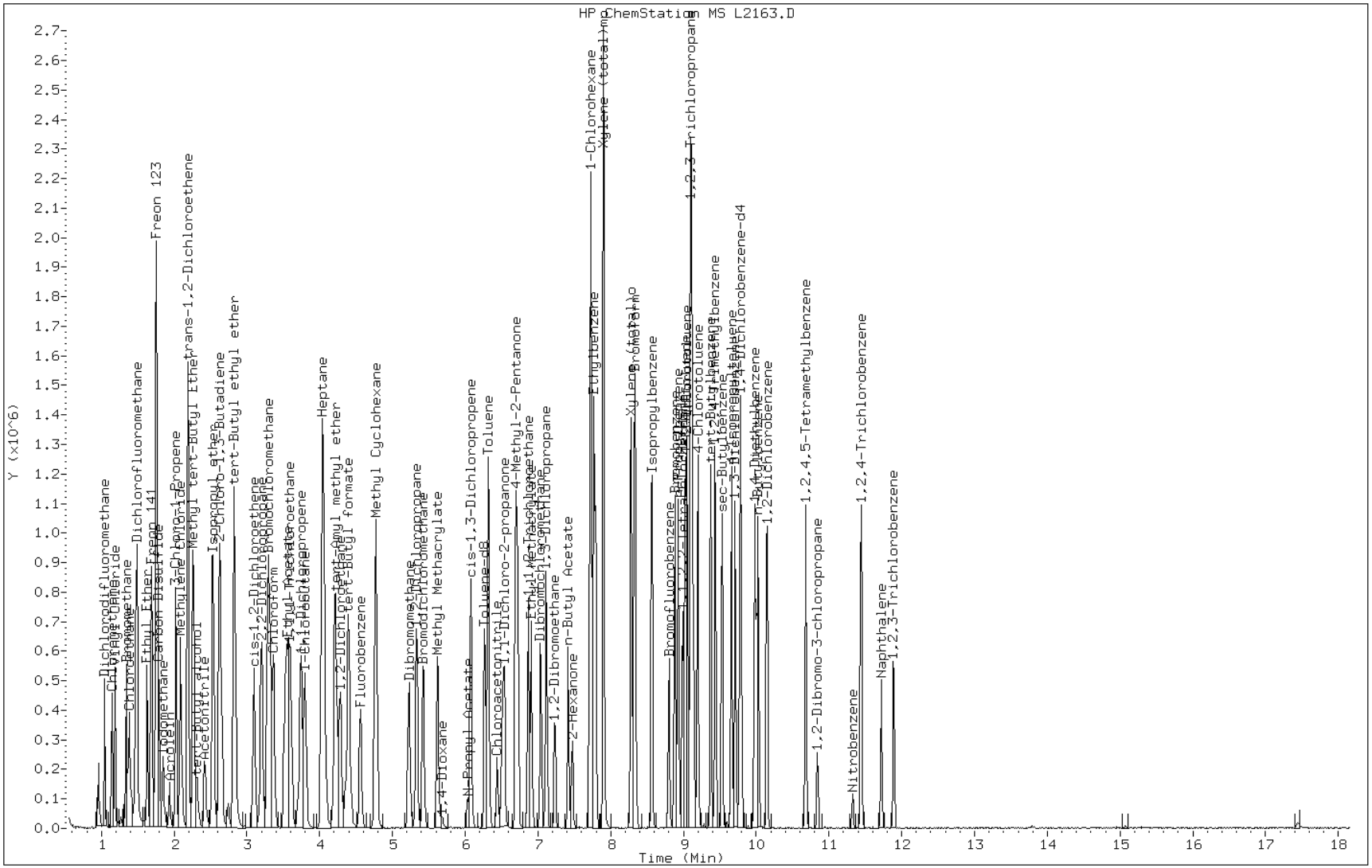
Date: 02-JAN-2009 08:50

Client ID: CCVIS

Instrument: msl.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



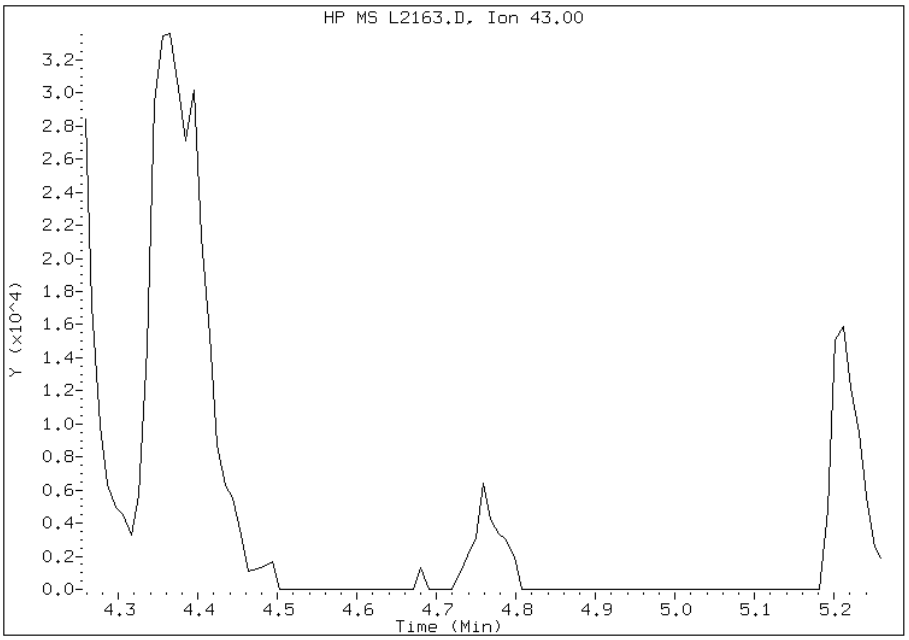
Manual Integration Report

Data File: L2163.D
Inj. Date and Time: 02-JAN-2009 08:50
Instrument ID: msl.i
Client ID: CCVIS
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 01/02/2009

Processing Integration Results

Not Detected

Expected RT: 4.76



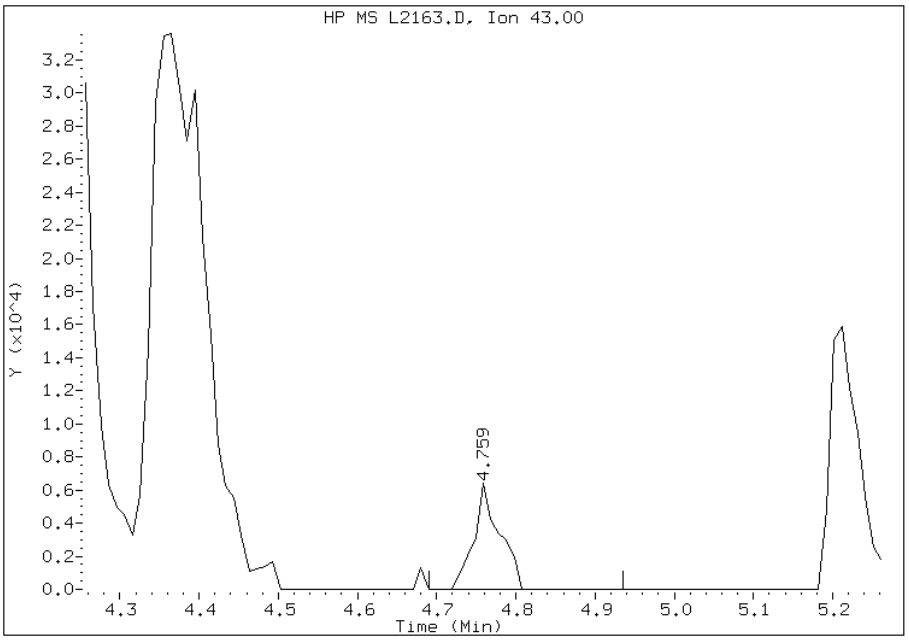
Manual Integration Results

RT: 4.76

Response: 14868

Amount: 126

Conc: 126



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L2163.D
Inj. Date and Time: 02-JAN-2009 08:50
Instrument ID: msl.i
Client ID: CCVIS
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 01/02/2009

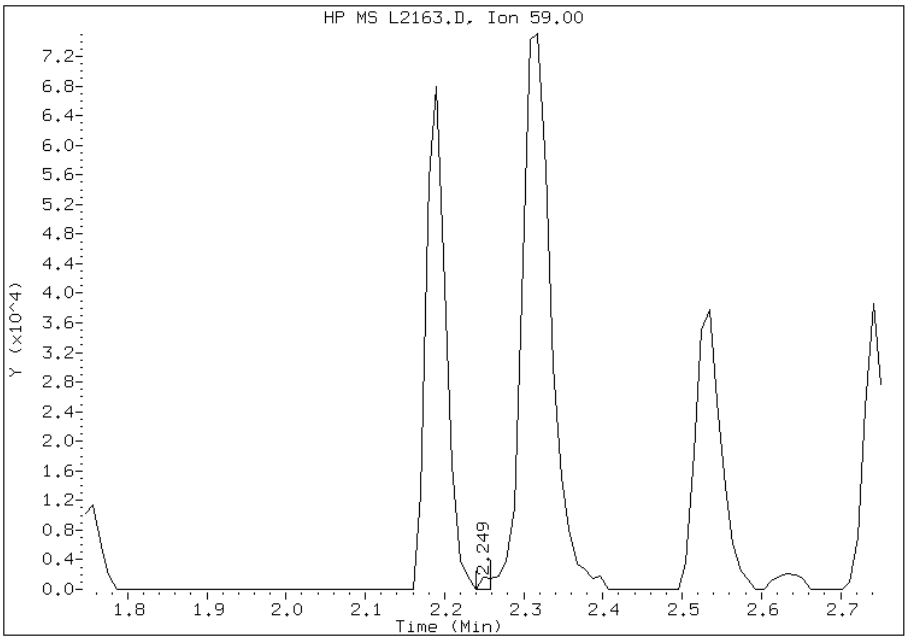
Processing Integration Results

RT: 2.25

Response: 1824

Amount: 2

Conc: 2



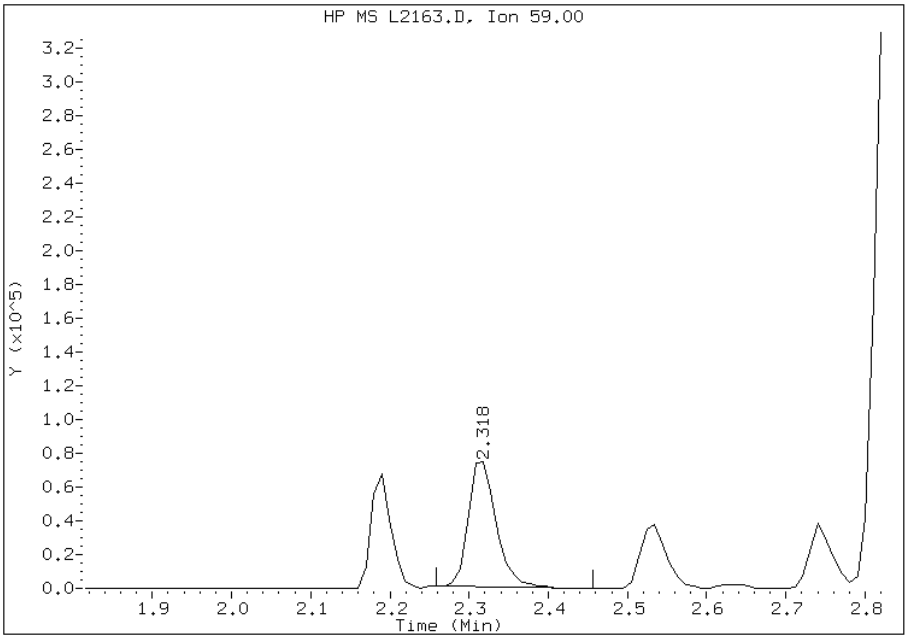
Manual Integration Results

RT: 2.32

Response: 183869

Amount: 195

Conc: 195



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L2163.D
Inj. Date and Time: 02-JAN-2009 08:50
Instrument ID: msl.i
Client ID: CCVIS
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 01/02/2009

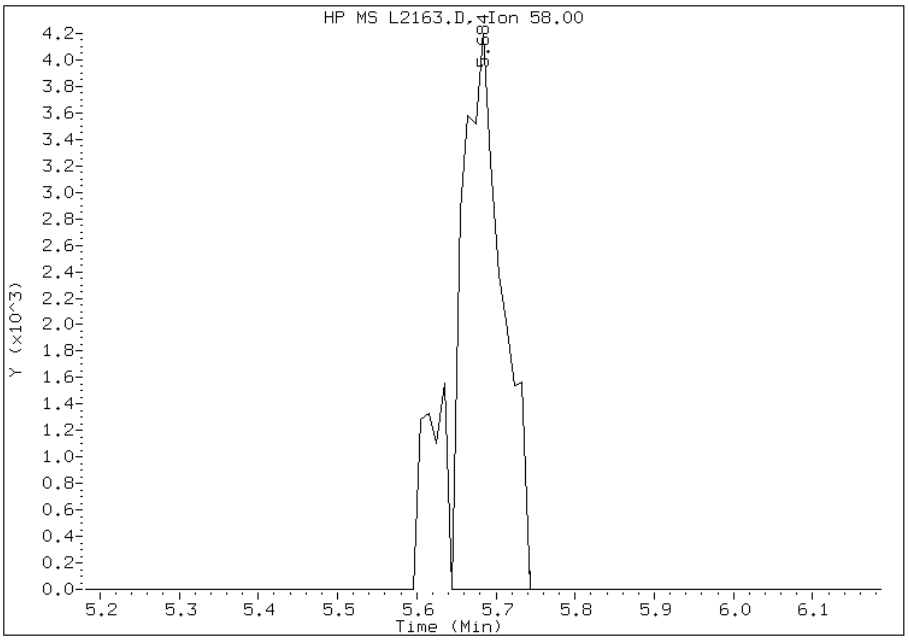
Processing Integration Results

RT: 5.68

Response: 14704

Amount: 392

Conc: 392



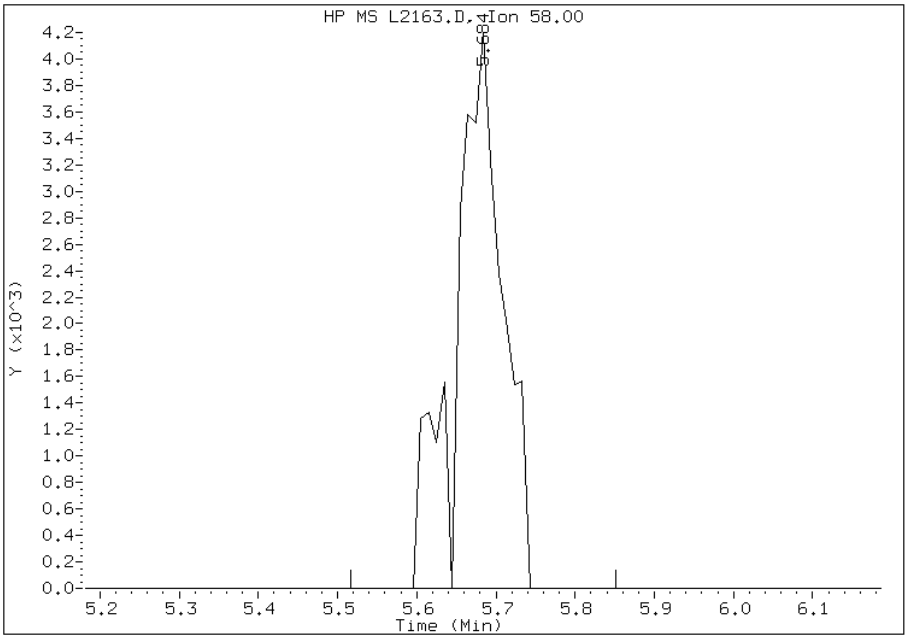
Manual Integration Results

RT: 5.68

Response: 17817

Amount: 468

Conc: 468



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msl.i\L081952.b\LB056.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 26-DEC-2008 09:49 MS Autotune Date: 16-MAY-2008 07:11
Operator : b.kostrzewska Inst ID: msl.i
Smp Info : BFB
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L081952.b\LBFBNCLP.M
Meth Date : 16-May-2007 12:03 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 20 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
3.052	3.400	(0.000)	95	235904			0.00- 100.00	100.00
3.052	3.400	(0.000)	50	58864			15.00- 40.00	24.95
3.052	3.400	(0.000)	75	130544			30.00- 60.00	55.34
3.052	3.400	(0.000)	96	16440			5.00- 9.00	6.97
3.052	3.400	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
3.052	3.400	(0.000)	174	201536			50.00- 100.00	85.43
3.052	3.400	(0.000)	175	16984			5.00- 9.00	8.43
3.052	3.400	(0.000)	176	196032			95.00- 101.00	97.27
3.052	3.400	(0.000)	177	13968			5.00- 9.00	7.13

Data File: LB056.D

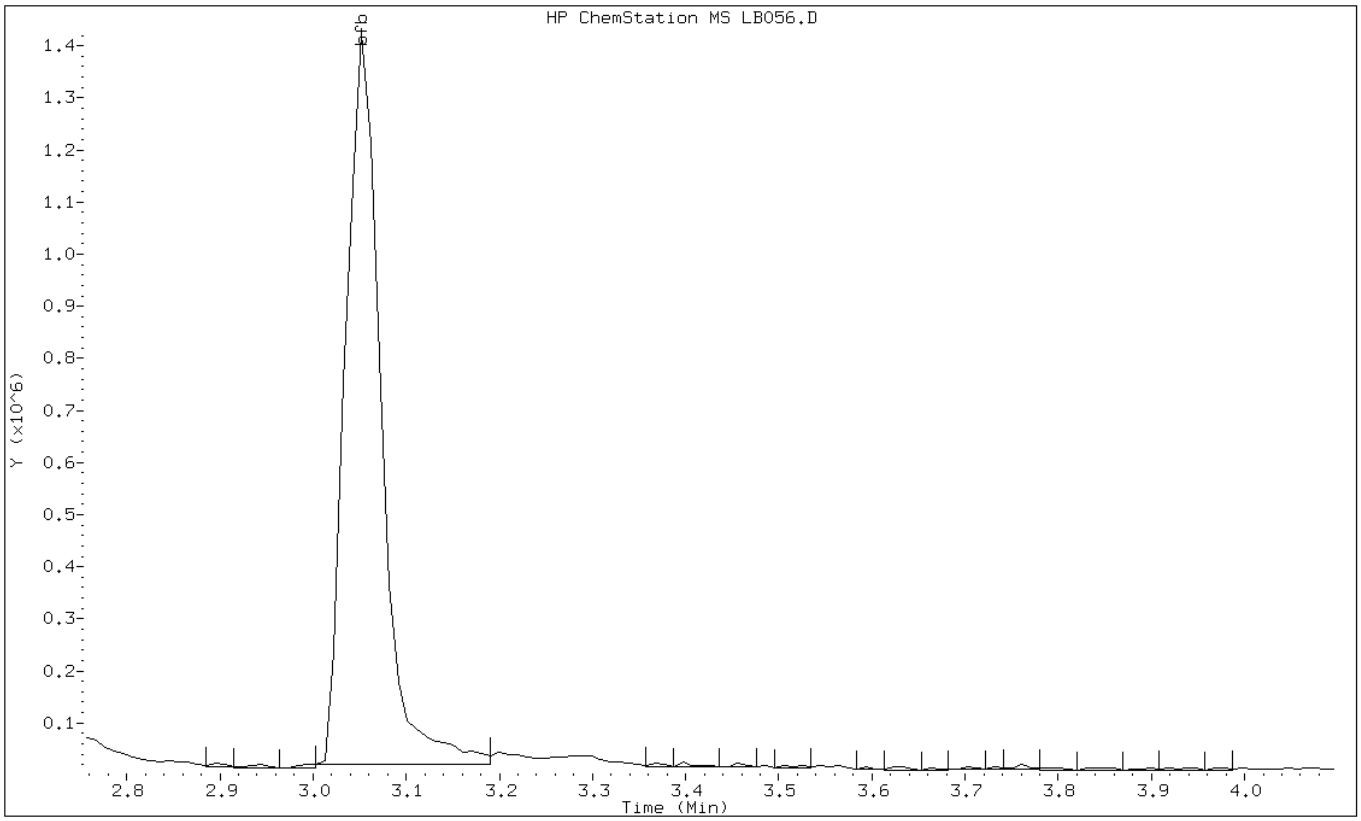
Date: 26-DEC-2008 09:49

Client ID: BFB

Instrument: msl.i

Sample Info: BFB

Operator: b.kostrzewska



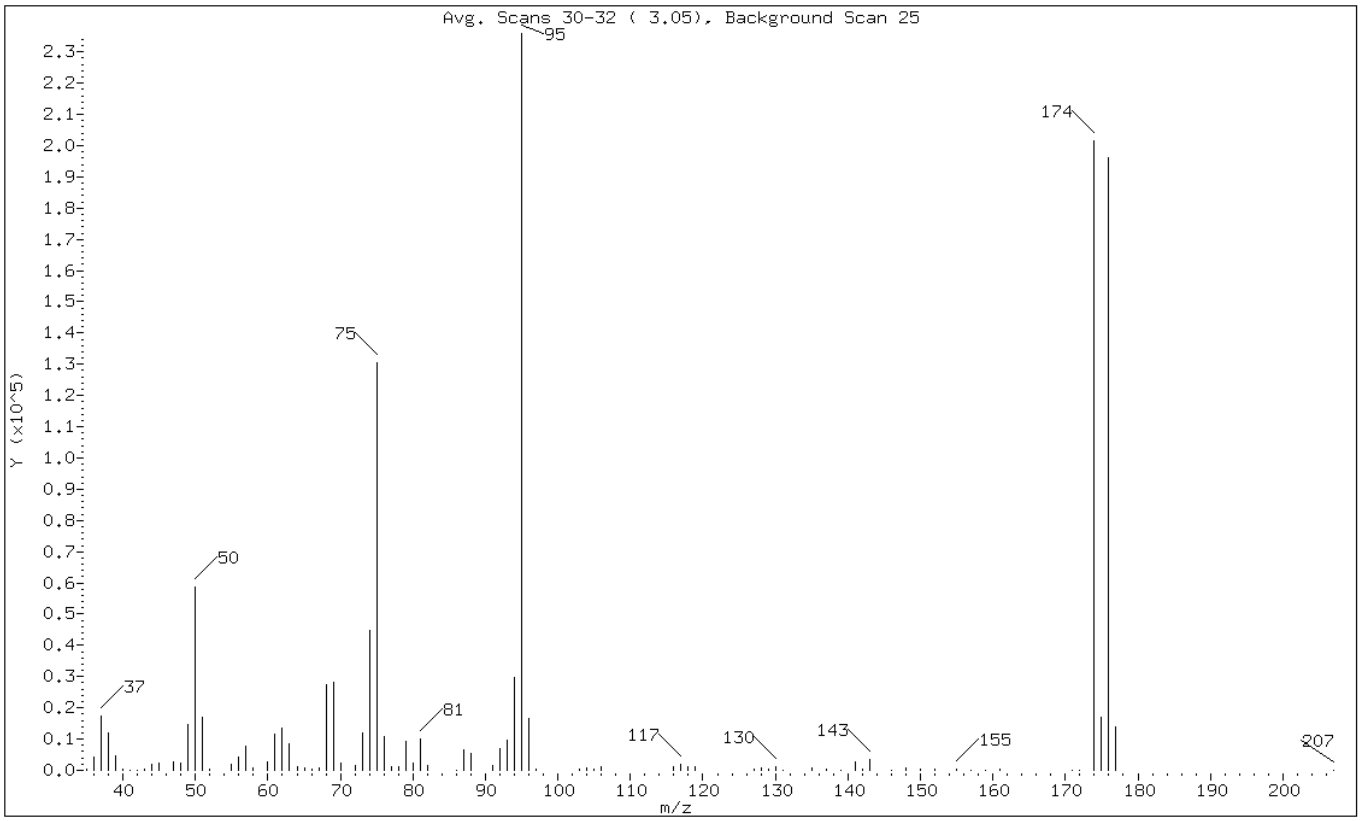
Data File: LB056.D

Date: 26-DEC-2008 09:49

Client ID: BFB Instrument: msl.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	24.95
75	30.00 - 60.00% of mass 95	55.34
96	5.00 - 9.00% of mass 95	6.97
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	85.43
175	5.00 - 9.00% of mass 174	7.20 (8.43)
176	95.00 - 101.00% of mass 174	83.10 (97.27)
177	5.00 - 9.00% of mass 176	5.92 (7.13)

Data File: LB056.D

Date: 26-DEC-2008 09:49

Client ID: BFB

Instrument: msl.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msl.i\L081952.b\LB056.D
Spectrum: Avg. Scans 30-32 (3.05), Background Scan 25
Location of Maximum: 95.00
Number of points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	226	61.00	11522	87.00	6547	135.00	689
36.00	4296	62.00	13356	88.00	5358	137.00	206
37.00	17456	63.00	8466	91.00	1510	139.00	175
38.00	12156	64.00	1348	92.00	6988	141.00	2654
39.00	4784	65.00	610	93.00	9649	142.00	240
40.00	212	66.00	505	94.00	29712	143.00	3440
41.00	2	67.00	854	95.00	235904	146.00	174
42.00	177	68.00	27584	96.00	16440	148.00	593
43.00	313	69.00	28184	97.00	303	150.00	201
44.00	2006	70.00	2475	103.00	344	152.00	289
45.00	2418	72.00	1718	104.00	825	155.00	528
47.00	2624	73.00	11912	105.00	469	157.00	183
48.00	2508	74.00	44632	106.00	1345	159.00	175
49.00	14636	75.00	130544	116.00	1121	161.00	211
50.00	58864	76.00	10927	117.00	1942	171.00	180
51.00	16880	77.00	1127	118.00	1016	172.00	181
52.00	345	78.00	1135	119.00	1107	174.00	201536
55.00	1873	79.00	9427	127.00	281	175.00	16984
56.00	4307	80.00	2160	128.00	739	176.00	196032
57.00	7780	81.00	9888	129.00	301	177.00	13968
58.00	666	82.00	1371	130.00	1192	207.00	177
60.00	2638	86.00	183	131.00	172		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msl.i\L082145.b\LB067.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 02-JAN-2009 08:28 MS Autotune Date: 16-MAY-2008 07:11
Operator : b.kostrzewska Inst ID: msl.i
Smp Info : BFB
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082145.b\LBFBNCLP.M
Meth Date : 16-May-2007 12:03 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 31 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
3.069	3.400	(0.000)	95	279360			0.00- 100.00	100.00
3.069	3.400	(0.000)	50	65952			15.00- 40.00	23.61
3.069	3.400	(0.000)	75	157760			30.00- 60.00	56.47
3.069	3.400	(0.000)	96	19632			5.00- 9.00	7.03
3.069	3.400	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
3.069	3.400	(0.000)	174	226688			50.00- 100.00	81.15
3.069	3.400	(0.000)	175	17688			5.00- 9.00	7.80
3.069	3.400	(0.000)	176	220864			95.00- 101.00	97.43
3.069	3.400	(0.000)	177	15462			5.00- 9.00	7.00

Data File: LB067.D

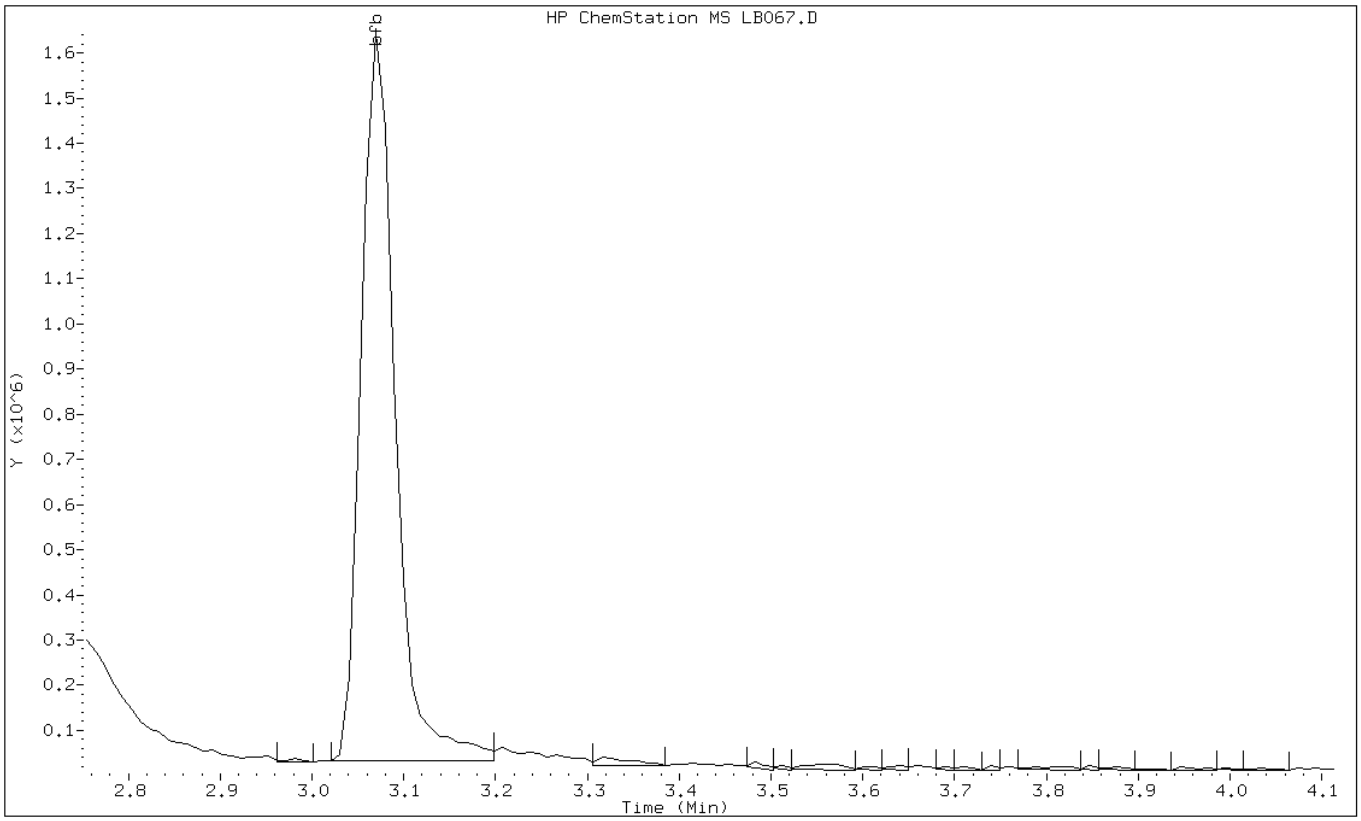
Date: 02-JAN-2009 08:28

Client ID: BFB

Instrument: msl.i

Sample Info: BFB

Operator: b.kostrzewska



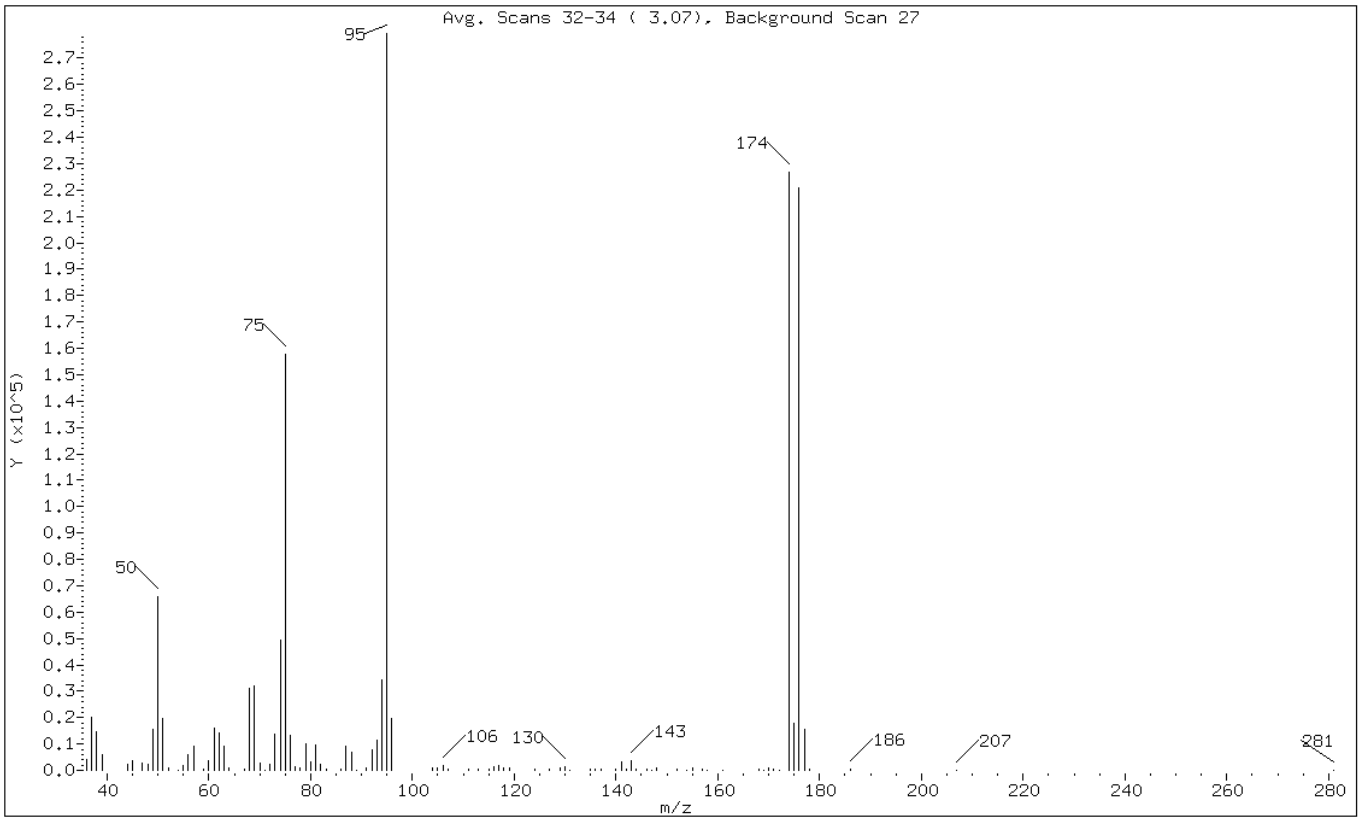
Data File: LB067.D

Date: 02-JAN-2009 08:28

Client ID: BFB Instrument: msl.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	23.61
75	30.00 - 60.00% of mass 95	56.47
96	5.00 - 9.00% of mass 95	7.03
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	81.15
175	5.00 - 9.00% of mass 174	6.33 (7.80)
176	95.00 - 101.00% of mass 174	79.06 (97.43)
177	5.00 - 9.00% of mass 176	5.53 (7.00)

Data File: LB067.D

Date: 02-JAN-2009 08:28

Client ID: BFB

Instrument: msl.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msl.i\L082163.b\LB067.D
Spectrum: Avg. Scans 32-34 (3.07), Background Scan 27
Location of Maximum: 95.00
Number of points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4304	69.00	32168	96.00	19632	144.00	255
37.00	20040	70.00	2756	104.00	960	146.00	408
38.00	14826	71.00	228	105.00	810	147.00	191
39.00	6056	72.00	2086	106.00	1747	148.00	816
44.00	2262	73.00	13555	107.00	338	152.00	245
45.00	3779	74.00	49264	111.00	275	154.00	171
47.00	2607	75.00	157760	113.00	436	155.00	841
48.00	2208	76.00	13066	115.00	291	157.00	498
49.00	15413	77.00	1600	116.00	1171	158.00	174
50.00	65952	78.00	1034	117.00	1737	161.00	192
51.00	19696	79.00	10182	118.00	1106	168.00	594
52.00	1017	80.00	2982	119.00	1139	169.00	182
54.00	172	81.00	9830	124.00	386	170.00	697
55.00	1862	82.00	2389	127.00	668	171.00	387
56.00	6111	83.00	553	129.00	688	172.00	196
57.00	9275	86.00	558	130.00	1291	174.00	226688
59.00	235	87.00	9141	131.00	208	175.00	17688
60.00	3650	88.00	6760	135.00	481	176.00	220864
61.00	15850	89.00	170	136.00	277	177.00	15462
62.00	14165	91.00	1006	137.00	325	178.00	502
63.00	9362	92.00	7828	140.00	266	186.00	248
64.00	1061	93.00	11341	141.00	3224	207.00	85
67.00	440	94.00	34136	142.00	409	281.00	168
68.00	31304	95.00	279360	143.00	3872		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: | Lab Sample ID: MB 220-23358/3

Matrix: Water | Lab File ID: L2167.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 10:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	1.0	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: Lab Sample ID: MB 220-23358/3

Matrix: Water Lab File ID: L2167.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 10:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91	53-125	
460-00-4	4-Bromofluorobenzene	126	73-127	
1868-53-7	Dibromofluoromethane	94	54-137	
2037-26-5	Toluene-d8 (Surr)	97	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2167.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 02-JAN-2009 10:57 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : MB
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 11:41 Cal File: L1955.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.557	4.561	(1.000)	399062	25.0000	
	20 Methylene Chloride	84	2.086	2.091	(0.458)	5141	1.00953	1
$	41 Dibromofluoromethane	111	3.553	3.558	(0.780)	145382	23.5340	24
$	55 1,2-Dichloroethane-d4	65	4.192	4.197	(0.920)	213157	22.6978	23
*	75 Chlorobenzene-d5	117	7.716	7.711	(1.000)	366497	25.0000	
$	77 Toluene-d8	98	6.259	6.264	(0.811)	391770	24.1672	24
*	95 1,4-Dichlorobenzene-d4	152	9.773	9.778	(1.000)	106526	25.0000	
$	125 Bromofluorobenzene	95	8.799	8.804	(0.900)	136570	31.5973	32

Data File: L2167.D

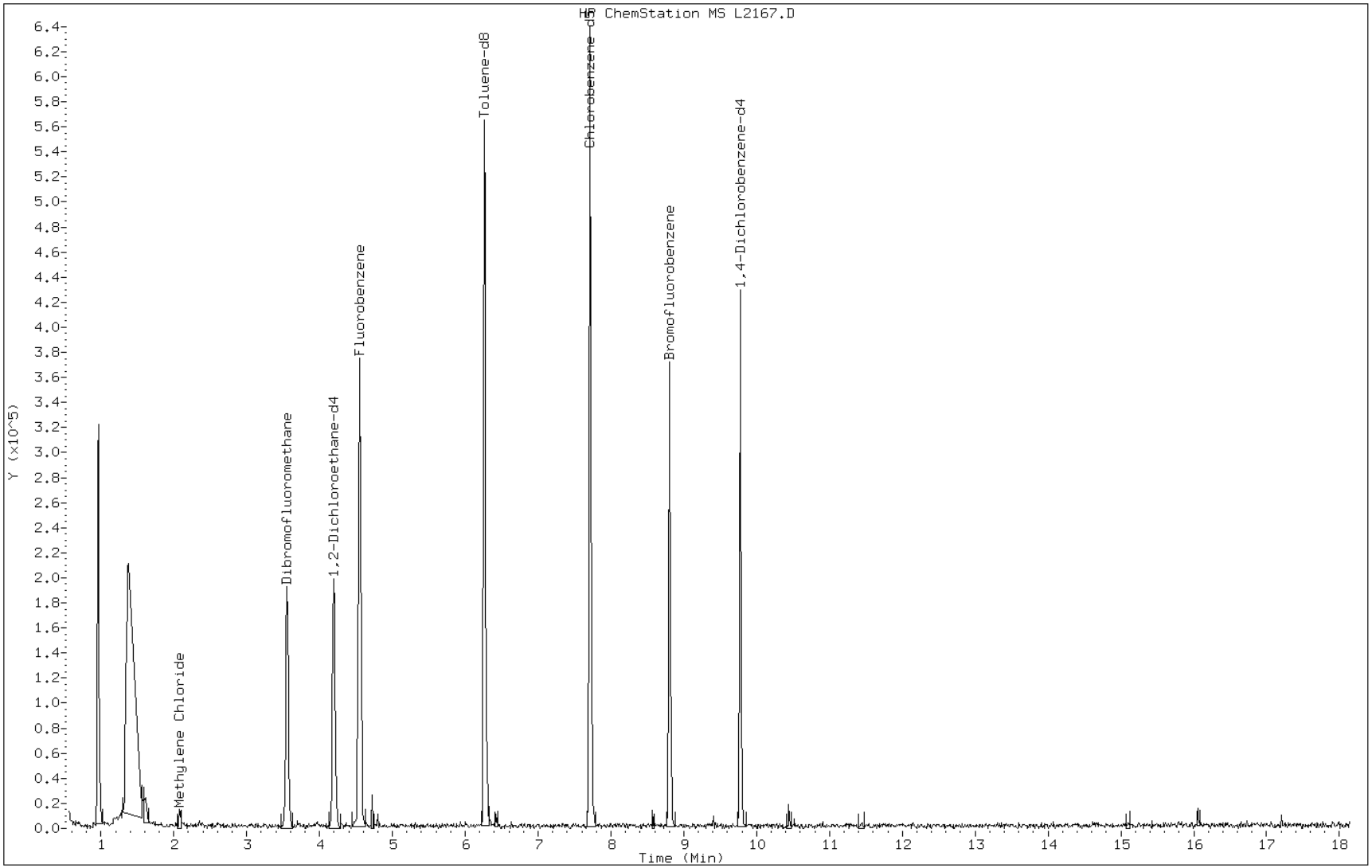
Date: 02-JAN-2009 10:57

Client ID: MB

Instrument: msl.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: L2167.D

Date: 02-JAN-2009 10:57

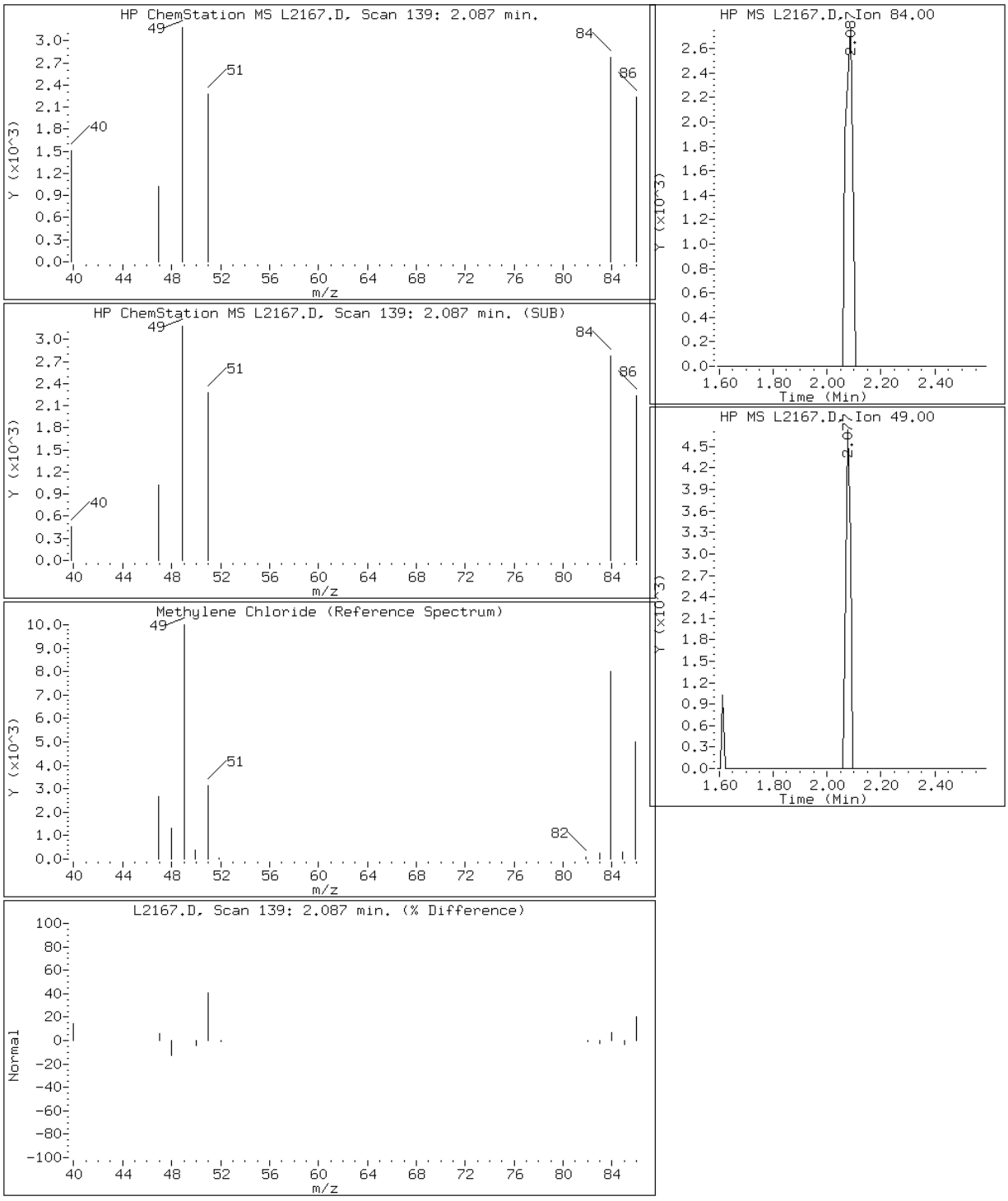
Client ID: MB

Instrument: msl.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: | Lab Sample ID: LCS 220-23358/2

Matrix: Water | Lab File ID: L2164.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 01/02/2009 09:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 23358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	29.9		10	1.0
71-43-2	Benzene	21.8		5.0	0.74
75-27-4	Bromodichloromethane	19.6		5.0	0.48
75-25-2	Bromoform	17.4		5.0	0.46
74-83-9	Bromomethane	21.1		5.0	2.1
78-93-3	Methyl Ethyl Ketone	23.8		10	1.1
75-15-0	Carbon disulfide	16.6		5.0	0.90
56-23-5	Carbon tetrachloride	20.9		5.0	1.1
108-90-7	Chlorobenzene	20.1		5.0	0.72
75-00-3	Chloroethane	20.6		5.0	1.1
67-66-3	Chloroform	20.6		5.0	0.67
74-87-3	Chloromethane	24.1		5.0	1.1
124-48-1	Dibromochloromethane	19.0		5.0	0.55
75-34-3	1,1-Dichloroethane	20.9		5.0	1.0
107-06-2	1,2-Dichloroethane	19.2		5.0	0.72
75-35-4	1,1-Dichloroethene	22.1		5.0	0.83
78-87-5	1,2-Dichloropropane	21.0		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	19.9		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	18.7		5.0	0.57
100-41-4	Ethylbenzene	20.1		5.0	0.87
591-78-6	2-Hexanone	17.4		10	1.1
75-09-2	Methylene Chloride	20.8		5.0	0.78
108-10-1	methyl isobutyl ketone	18.3		10	0.38
100-42-5	Styrene	18.2		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	21.4		5.0	0.81
127-18-4	Tetrachloroethene	19.1		5.0	0.81
108-88-3	Toluene	21.0		5.0	0.72
71-55-6	1,1,1-Trichloroethane	21.4		5.0	0.69
79-00-5	1,1,2-Trichloroethane	20.3		5.0	0.65
79-01-6	Trichloroethene	20.3		5.0	0.62
75-01-4	Vinyl chloride	24.9		5.0	0.99
1330-20-7	Xylenes, Total	60.9		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	19.8		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	19.4		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Client Sample ID: Lab Sample ID: LCS 220-23358/2

Matrix: Water Lab File ID: L2164.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 01/02/2009 09:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 23358 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	53-125	
460-00-4	4-Bromofluorobenzene	103	73-127	
1868-53-7	Dibromofluoromethane	94	54-137	
2037-26-5	Toluene-d8 (Surr)	98	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L2164.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 02-JAN-2009 09:44 MS Autotune Date: 16-MAY-2008 07:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : LCS
Misc Info : : ;;;; ;8260; 1;LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L082163.b\L8260BNW.m
Meth Date : 02-Jan-2009 14:40 msl.i Quant Type: ISTD
Cal Date : 26-DEC-2008 12:06 Cal File: L1956.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.565	4.561	(1.000)	424904	25.0000	
2	Dichlorodifluoromethane	85	1.042	1.048	(0.228)	172880	35.5071	36
3	Chloromethane	50	1.140	1.146	(0.250)	109214	24.0719	24
4	Vinyl Chloride	62	1.189	1.185	(0.261)	116114	24.9447	25
5	Bromomethane	94	1.337	1.343	(0.293)	61952	21.1006	21
6	Chloroethane	64	1.386	1.382	(0.304)	61909	20.6286	21
7	Trichlorofluoromethane	101	1.475	1.471	(0.323)	219195	21.9269	22
9	Ethyl Ether	45	1.632	1.628	(0.358)	59707	17.9822	18
11	Freon 141	81	1.691	1.687	(0.371)	264310	20.5991	20
12	Freon 123	67	1.750	1.747	(0.383)	36218	20.7200	21
13	Trichlorotrifluoroethane	101	1.760	1.766	(0.386)	103419	20.4456	20
14	1,1-Dichloroethene	96	1.750	1.756	(0.383)	93461	22.1136	22
15	Carbon Disulfide	76	1.790	1.786	(0.392)	274772	16.5756	16
16	Iodomethane	142	1.849	1.845	(0.405)	91365	22.2528	22
19	3-Chloro-1-Propene	41	2.026	2.022	(0.444)	166809	20.6867	21
20	Methylene Chloride	84	2.095	2.091	(0.459)	112808	20.8046	21
21	Acetone	43	2.114	2.121	(0.463)	82257	29.9090	30
22	trans-1,2-Dichloroethene	96	2.203	2.199	(0.483)	98087	19.4271	19
23	Methyl Acetate	43	2.193	2.189	(0.480)	237115	9.08444	9
24	Methyl tert-Butyl Ether	73	2.272	2.258	(0.498)	365342	18.6186	19
25	tert-Butyl alcohol	59	2.321	2.317	(0.508)	59519	59.6836	60(M)
30	Acrylonitrile	53	2.666	2.662	(0.584)	69343	30.5088	30
31	1,1-Dichloroethane	63	2.636	2.632	(0.577)	221466	20.9387	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	33 cis-1,2-Dichloroethene	96	3.108	3.095	(0.681)	109869	19.8062	20
	34 2,2-Dichloropropane	77	3.207	3.203	(0.703)	236483	21.4893	21
	35 Bromochloromethane	128	3.305	3.302	(0.724)	59065	20.6919	21
	37 Cyclohexane	84	3.325	3.321	(0.728)	127186	22.5578	22
	38 Chloroform	83	3.374	3.361	(0.739)	249394	20.5565	20
	39 Ethyl Acetate	43	3.581	3.558	(0.784)	14291	29.7774	30
	40 Methyl Acrylate	55	3.512	3.508	(0.769)	91960	18.0271	18(H)
$	41 Dibromofluoromethane	111	3.561	3.558	(0.780)	155371	23.6214	24
	42 Tetrahydrofuran	42	3.581	3.567	(0.784)	60853	34.7199	35
	43 Carbon Tetrachloride	117	3.542	3.538	(0.776)	203231	20.9387	21
	44 1,1,1-Trichloroethane	97	3.601	3.597	(0.789)	221820	21.3943	21
	45 2-Butanone	43	3.719	3.705	(0.815)	78070	23.8433	24
	46 1,1-Dichloropropene	75	3.748	3.745	(0.821)	167948	21.0274	21
	49 1-Chlorobutane	56	3.807	3.804	(0.834)	242857	20.5221	20
	51 Propionitrile	54	4.034	4.040	(0.884)	144406	183.291	180
	52 Benzene	78	4.053	4.040	(0.888)	406776	21.8170	22
	53 2-Methyl-2-Propenenitrile	41	4.073	4.059	(0.892)	101030	11.8837	12
$	55 1,2-Dichloroethane-d4	65	4.201	4.197	(0.920)	237433	23.7452	24
	56 1,2-Dichloroethane	62	4.290	4.286	(0.940)	218601	19.1594	19
	59 Methyl Cyclohexane	83	4.772	4.768	(1.045)	103121	22.0972	22
	60 Trichloroethene	130	4.782	4.778	(1.047)	108766	20.2975	20
	63 Dibromomethane	93	5.234	5.231	(1.147)	82250	19.9314	20
	64 1,2-Dichloropropane	63	5.343	5.329	(1.170)	105069	20.9640	21
	65 Bromodichloromethane	83	5.421	5.418	(1.188)	181262	19.6444	20
	66 Methyl Methacrylate	69	5.618	5.615	(1.231)	151916	33.3200	33
	70 cis-1,3-Dichloropropene	75	6.081	6.077	(1.332)	185386	19.9087	20
	71 Chloroacetonitrile	48	6.445	6.441	(1.412)	69092	377.350	380
	72 2-Nitropropane	41	6.514	6.510	(1.427)	108177	33.8716	34
	73 trans-1,3-Dichloropropene	75	6.721	6.717	(1.472)	179210	18.7359	19
	74 1,1,2-Trichloroethane	97	6.868	6.865	(1.504)	94718	20.2991	20
*	75 Chlorobenzene-d5	117	7.715	7.711	(1.000)	387195	25.0000	
	76 Toluene	91	6.317	6.313	(0.819)	396459	21.0176	21
$	77 Toluene-d8	98	6.268	6.264	(0.812)	420304	24.5414	24
	79 4-Methyl-2-Pentanone	43	6.701	6.687	(0.869)	120483	18.3241	18
	80 Tetrachloroethene	164	6.701	6.697	(0.869)	75578	19.1076	19
	81 Ethyl Methacrylate	69	6.908	6.904	(0.895)	134397	20.2224	20
	82 Dibromochloromethane	129	7.036	7.032	(0.912)	133408	19.0215	19
	83 1,3-Dichloropropane	76	7.114	7.111	(0.922)	179659	20.7218	21
	84 1,2-Dibromoethane	107	7.232	7.229	(0.937)	101524	18.0157	18
	86 2-Hexanone	43	7.479	7.475	(0.969)	82426	17.3509	17
	87 1-Chlorohexane	91	7.734	7.731	(1.003)	93177	17.4839	17
	88 Chlorobenzene	112	7.734	7.731	(1.003)	244524	20.0799	20
	89 1,1,1,2-Tetrachloroethane	131	7.793	7.790	(1.010)	114461	20.6611	21
	90 Ethylbenzene	106	7.774	7.770	(1.008)	110603	20.0691	20
	91 Xylene (total)mp	106	7.902	7.898	(1.024)	285043	40.9407	41
	92 Xylene (total)o	106	8.286	8.282	(1.074)	138022	19.9320	20
	93 Styrene	104	8.335	8.331	(1.080)	208368	18.1727	18
	94 Bromoform	173	8.345	8.341	(1.082)	86880	17.4272	17
*	95 1,4-Dichlorobenzene-d4	152	9.782	9.778	(1.000)	163994	25.0000	
	96 Isopropylbenzene	105	8.571	8.567	(0.876)	329553	22.2937	22
	97 Bromobenzene	156	8.886	8.882	(0.908)	106148	19.6433	20
	98 1,1,2,2-Tetrachloroethane	83	8.994	8.991	(0.920)	127630	21.4211	21
	100 1,2,3-Trichloropropane	110	9.093	9.089	(0.930)	41785	19.1553	19
	101 trans-1,4-Dichloro-2-Butene	53	9.142	9.138	(0.935)	66745	34.7790	35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
102	n-Propylbenzene	91	8.935	8.932	(0.913)	349935	21.4758	21
103	2-Chlorotoluene	91	9.053	9.050	(0.926)	261127	18.5493	18
104	4-Chlorotoluene	91	9.201	9.197	(0.941)	269417	21.1810	21
105	1,3,5-Trimethylbenzene	105	9.103	9.099	(0.931)	271935	21.7159	22
106	tert-Butylbenzene	119	9.378	9.374	(0.959)	207079	22.4343	22
107	1,2,4-Trimethylbenzene	105	9.437	9.434	(0.965)	261957	21.1783	21
108	sec-Butylbenzene	105	9.536	9.532	(0.975)	285163	24.2481	24
109	4-Isopropyltoluene	119	9.664	9.660	(0.988)	237619	21.5791	22
110	1,3-Dichlorobenzene	146	9.713	9.709	(0.993)	151194	20.5766	20
111	1,4-Dichlorobenzene	146	9.792	9.788	(1.001)	149704	19.4873	19
112	1,2-Dichlorobenzene	146	10.156	10.152	(1.038)	152251	20.5719	20
113	Benzyl Chloride	126	10.008	10.004	(1.023)	28855	19.3456	19
115	n-Butylbenzene	91	10.028	10.024	(1.025)	206128	18.0239	18(MH)
119	1,2-Dibromo-3-chloropropane	75	10.845	10.841	(1.109)	20027	17.4937	17
120	Nitrobenzene	77	11.327	11.323	(1.158)	3245	147.619	150(M)
121	1,2,4-Trichlorobenzene	180	11.445	11.451	(1.170)	41979	16.1166	16
122	Hexachlorobutadiene	225	11.435	11.432	(1.169)	48361	10.6536	11
123	Naphthalene	128	11.721	11.717	(1.198)	58082	15.7061	16
124	1,2,3-Trichlorobenzene	180	11.898	11.894	(1.216)	44224	17.1427	17
$ 125	Bromofluorobenzene	95	8.807	8.804	(0.900)	170722	25.6573	26
M 126	1,2-Dichloroethene (total)	100				207956	39.2333	39
M 127	Xylene (total)	100				423065	60.8727	61

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L2164.D

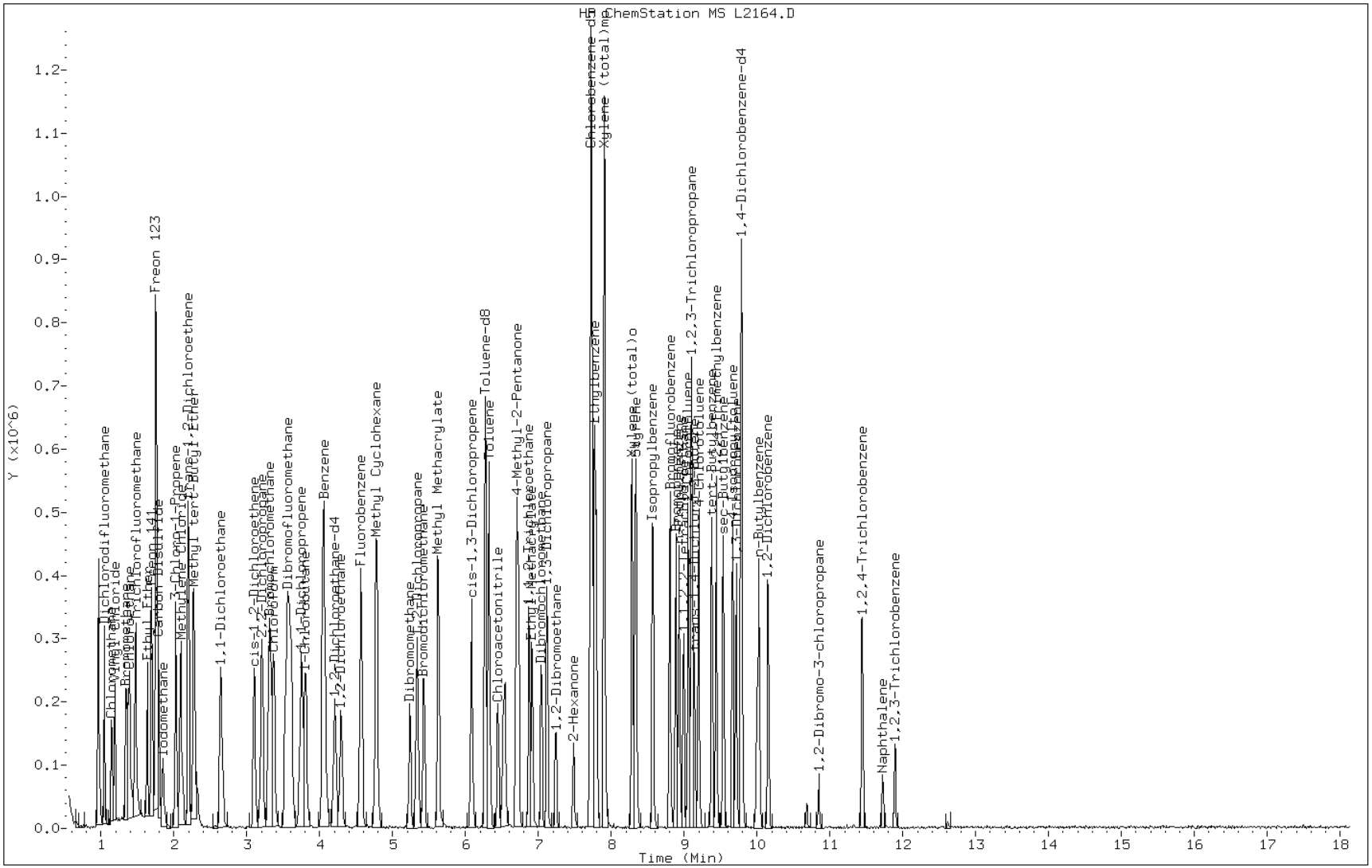
Date: 02-JAN-2009 09:44

Client ID: LCS

Instrument: msl.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



METALS

COVER PAGE
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG No.: 220-7654

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
MW-26S	220-7654-1
MW-26I	220-7654-2
MW-30S	220-7654-3
MW-30I	220-7654-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-26S
Lab Sample ID: 220-7654-1
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 12:10
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	86	250	62	ug/L	J		1	6010B
7439-96-5	Manganese	43	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-26S
Lab Sample ID: 220-7654-1
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 12:10
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	14	15	2.3	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-26I
Lab Sample ID: 220-7654-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 12:45
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1700	250	62	ug/L			1	6010B
7439-96-5	Manganese	210	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-26I
Lab Sample ID: 220-7654-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 12:45
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	150	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-30S
Lab Sample ID: 220-7654-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 13:35
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1600	250	62	ug/L			1	6010B
7439-96-5	Manganese	44	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-30S
Lab Sample ID: 220-7654-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 13:35
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	27	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-30I
Lab Sample ID: 220-7654-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 14:10
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	850	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-30I
Lab Sample ID: 220-7654-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 14:10
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	660	15	2.3	ug/L			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W122908

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00041

Analyte	ICV 220-23253/3 12/29/2008 10:06											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10400		10000	104								
Mn	1100		1000	106								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W122908

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00038

Analyte	CCV6 220-23253/68 12/29/2008 16:40				CCV 220-23253/80 12/29/2008 17:49				CCV 220-23253/92 12/29/2008 18:58			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5000		5000	100	5100		5000	102	5000		5000	101
Mn	510		500	103	520		500	104	520		500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W123008

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00041

Analyte	ICV 220-23298/3 12/30/2008 8:59											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10300		10000	103								
Mn	1100		1000	106								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W123008

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00038

Analyte	CCV 220-23298/8 12/30/2008 9:27				CCV2 220-23298/20 12/30/2008 10:36							
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	103	5100		5000	102				
Mn	530		500	105	520		500	103				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W010209

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00041

Analyte	ICV 220-23360/3 01/02/2009 11:33											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10200		10000	102								
Mn	1000		1000	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W010209

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00038

Analyte	CCV 220-23360/8 01/02/2009 12:29				CCV2 220-23360/20 01/02/2009 13:38				CCV3 220-23360/32 01/02/2009 14:46			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5000		5000	100	5100		5000	101	5100		5000	101
Mn	510		500	102	520		500	104	520		500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Analysis Method: 6010B Instrument ID: ICAP2

Lab Sample Id: CRI 220-23253/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	230		108	50-150
Manganese	10.0	11	J	106	50-150

Lab Sample Id: CRI 220-23298/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	230		109	50-150
Manganese	10.0	11	J	108	50-150

Lab Sample Id: CRI 220-23360/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	240		116	50-150
Manganese	10.0	10	J	102	50-150

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

FORM IIB-IN

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W122908

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-23253/4 12/29/2008 10:12							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W122908

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB6 220-23253/69 12/29/2008 16:45		CCB 220-23253/81 12/29/2008 17:54		CCB 220-23253/93 12/29/2008 19:03			
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U		
Mn	15	15	U	15	U	15	U		

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W123008

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-23298/4 12/30/2008 09:04							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W123008

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-23298/9 12/30/2008 09:33		CCB2 220-23298/21 12/30/2008 10:42					
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U				
Mn	15	15	U	15	U				

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W010209

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-23360/4 01/02/2009 11:39							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L DataFile Name: W010209

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-23360/9 01/02/2009 12:35		CCB2 220-23360/21 01/02/2009 13:44		CCB3 220-23360/33 01/02/2009 14:52			
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U		
Mn	15	15	U	15	U	15	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L Lab Sample ID: MB 220-23238/1-A

Instrument Code: ICAP2 Batch No.: 23253

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Concentration Units: ug/L Lab Sample ID: MB 220-23290/1-A

Instrument Code: ICAP2 Batch No.: 23360

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: ICSA 220-23253/6 Instrument ID: ICAP2

Lab File ID: W122908 ICS Source: micsa_00026

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**175978**	**88**
Mn		**9.61**	
Ag		*-0.211*	
Al	*500000*	*424512*	*85*
As		*0.787*	
B		*79.6*	
Ba		*1.21*	
Be		*-0.133*	
Ca	*500000*	*439490*	*88*
Cd		*-2.27*	
Co		*-2.55*	
Cr		*1.45*	
Cu		*-0.0634*	
K		*32.9*	
Mg	*500000*	*448345*	*90*
Mo		*-1.09*	
Na		*143*	
Ni		*-0.440*	
Pb		*-0.0062*	
Sb		*1.60*	
Se		*-0.807*	
Si		*459*	
Sn		*3.62*	
Sr		*1.27*	
Ti		*-4.83*	
Tl		*18.3*	
V		*2.07*	
Zn		*-15.0*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: ICSAB 220-23253/7 Instrument ID: ICAP2

Lab File ID: W122908 ICS Source: micsab_00026

Concentration Units: ug/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Fe	**200000**	**175297**	**88**
Mn	**500**	**470**	**94**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: ICSA 220-23298/6 Instrument ID: ICAP2

Lab File ID: W123008 ICS Source: micsa_00026

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**173803**	**87**
Mn		**9.54**	
Ag		*-0.274*	
Al	*500000*	*425262*	*85*
As		*-0.667*	
B		*42.2*	
Ba		*1.22*	
Be		*-0.0102*	
Ca	*500000*	*428616*	*86*
Cd		*0.0191*	
Co		*-2.66*	
Cr		*1.25*	
Cu		*0.771*	
K		*32.1*	
Mg	*500000*	*447097*	*89*
Mo		*-2.18*	
Na		*84.5*	
Ni		*1.08*	
Pb		*3.59*	
Sb		*-0.0150*	
Se		*3.50*	
Si		*217*	
Sn		*5.01*	
Sr		*1.56*	
Ti		*-4.48*	
Tl		*7.01*	
V		*1.97*	
Zn		*-14.3*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: ICSAB 220-23298/7 Instrument ID: ICAP2

Lab File ID: W123008 ICS Source: micsab_00026

Concentration Units: ug/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Fe	**200000**	**178323**	**89**
Mn	**500**	**480**	**96**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: ICSA 220-23360/6 Instrument ID: ICAP2

Lab File ID: W010209 ICS Source: micsa_00026

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**172436**	**86**
Mn		**9.17**	
Ag		*-0.376*	
Al	*500000*	*417492*	*83*
As		*-0.817*	
B		*10.1*	
Ba		*1.10*	
Be		*-0.148*	
Ca	*500000*	*428245*	*86*
Cd		*-1.27*	
Co		*-2.64*	
Cr		*1.24*	
Cu		*0.556*	
K		*20.6*	
Mg	*500000*	*442520*	*89*
Mo		*-3.01*	
Na		*34.5*	
Ni		*0.295*	
Pb		*-1.25*	
Sb		*0.352*	
Se		*4.60*	
Si		*29.0*	
Sn		*1.15*	
Sr		*1.37*	
Ti		*-4.49*	
Tl		*13.2*	
V		*1.13*	
Zn		*-12.9*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Lab Sample ID: ICSAB 220-23360/7 Instrument ID: ICAP2

Lab File ID: W010209 ICS Source: micsab_00026

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Fe	**200000**	**173153**	**87**
Mn	**500**	**468**	**94**

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: | Lab ID: 220-7561-B-1-C MS

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Matrix: Water | Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1050		250	U	1000	105	75-125		6010B
Manganese	530		15	U	500	106	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: | Lab ID: 220-7635-F-2-D MS

Lab Name: TestAmerica Connecticut | Job No.: 220-7654-1

SDG No.: 220-7654

Matrix: Water | Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	2830		1600		1000	119	75-125		6010B
Manganese	732		220		500	103	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 220-7561-B-1-B DU

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	250	250	U	104	J	NC		6010B
Manganese	15	15	U	2.44	J	NC		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 220-7635-F-2-C DU

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	250	1600		1620		1		6010B
Manganese	15	220		225		4		6010B

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-23238/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

Sample Matrix: Water LCS Source: mlcspw_00034

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	25350		101	80	120		6010B
Manganese	200	215		107	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-23290/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

Sample Matrix: Water LCS Source: mlcspw_00034

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	24530		98	80	120		6010B
Manganese	200	208		104	80	120		6010B

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

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TCLP

Lab ID: 220-7630-A-21-B SD ^5

SDG No: 220-7654

Lab Name: TestAmerica Connecticut Job No: 220-7654-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	1200	U	6200	U	NC		6010B
Manganese	270		290	J	NC		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - DISSOLVED

Lab ID: 220-7653-E-2-B SD ^5

SDG No: 220-7654

Lab Name: TestAmerica Connecticut Job No: 220-7654-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	250	U	1200	U	NC		6010B
Manganese	3.1	J	75	U	NC		6010B

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG Number: 220-7654

Matrix: Water Instrument ID: ICAP2

Analysis Method: 6010B MDL Date: 04/27/2008 09:18

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.44	250	62
Manganese	257.61	15	2.3

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG Number: 220-7654

Matrix: Water Instrument ID: ICAP2

Analysis Method: 6010B MDL Date: 04/27/2008 09:18

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.44	250	62
Manganese	257.61	15	2.3

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG No.: 220-7654

ICP-AES Instrument ID: ICAP2 Date: 01/15/2008

Analyte	Wave Length	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	308.20														
Antimony	206.83										-0.00223		0.00005		
Arsenic	189.00			0.00005							-0.00223				
Barium	493.40														
Beryllium	313.00														
Boron	249.67									0.00077	0.00033		0.000096		
Cadmium	226.50	0.000008			0.000027					0			0.000126		
Calcium	317.93														
Chromium	267.70				-0.000054				-0.000122						
Cobalt	228.61		-0.000028		0.000066				-0.00061		0.00035			0.000001	
Copper	324.75		0.000021								0.00035				
Iron	271.44									0.0656	0.00331				
Lead	220.35	0.00023		0.000078						-0.000021			0.000034	0.000006	0.000009
Magnesium	279.07												0.000034		
Manganese	257.61														
Molybdenum	202.03														
Nickel	231.60		0.000029							-0.00246			0.00001		
Potassium	766.49														
Selenium	196.02				0.000042	0.000021					-0.000065		-0.00005		
Silicon	228.15										-0.0086				
Silver	328.06	-		0.000008											
Sodium	588.90														
Strontium	421.55							0.000021							
Thallium	190.80	0.000018								-0.00196	0.000931		-0.000088		
Tin	189.98												-0.00002		
Titanium	334.94	0.000001						-0.000005			0.00013		-0.000088		0.000013
Vanadium	292.40												0.000014		
Zinc	213.85										-0.001		0.000123		

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG No.: 220-7654

ICP-AES Instrument ID: ICAP2 Date: 01/15/2008

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Sn	Ti	Tl	V	Zn	Zr	
Aluminum	308.20		0.00151									0.0187			
Antimony	206.83		0.000156		-0.000041				-0.0012	-0.0032		-0.0009			
Arsenic	189.00	-0.0001	-0.0001												
Barium	493.40														
Beryllium	313.00									-0.00023		0.0001			
Boron	249.67				0.00042										
Cadmium	226.50														
Calcium	317.93									-0.000081					
Chromium	267.70	0.00034								0.00005		-0.00024			
Cobalt	228.61	-0.0023	-0.0023		0.0001					0.0029					
Copper	324.75	0.000383	0.000383									-0.0001			
Iron	271.44	0.000915	0.000915									0.00839			
Lead	220.35	0.000071	-0.00109		0.00039					0.000266					
Magnesium	279.07	-0.0064													
Manganese	257.61											-0.00009			
Molybdenum	202.03														
Nickel	231.60	-0.000044		0.000002											
Potassium	766.49														
Selenium	196.02	0.000227	0.000096		-0.00016										
Silicon	228.15		-0.00108						0.0047	0.00677					
Silver	328.06	-0.000119	-0.00012									0.00005			
Sodium	588.90											0.00005			
Strontium	421.55														
Thallium	190.80	-0.00066								0.000645		-0.00189			
Tin	189.98									-0.00118					
Titanium	334.94														
Vanadium	292.40		-0.010516							0.000165					
Zinc	213.85	0.000092	0.000346		-0.00021										

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Connecticut Job No: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Date: 01/30/2008 10:51

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Iron		250000	6010B
Manganese		10000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-23238/1-A	12/29/2008 12:37	23238		50	50
LCS 220-23238/2-A	12/29/2008 12:37	23238		50	50
220-7561-B-1-B DU	12/29/2008 12:37	23238		50	50
220-7561-B-1-C MS	12/29/2008 12:37	23238		50	50
220-7654-1	12/29/2008 12:37	23238		50	50
220-7654-2	12/29/2008 12:37	23238		50	50
220-7654-3	12/29/2008 12:37	23238		50	50
220-7654-4	12/29/2008 12:37	23238		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-23290/1-A	12/30/2008 12:37	23290		50	50
LCS 220-23290/2-A	12/30/2008 12:37	23290		50	50
220-7654-1	12/30/2008 12:37	23290		50	50
220-7654-2	12/30/2008 12:37	23290		50	50
220-7654-3	12/30/2008 12:37	23290		50	50
220-7654-4	12/30/2008 12:37	23290		50	50
220-7635-F-2-C DU	12/30/2008 12:37	23290		50	50
220-7635-F-2-D MS	12/30/2008 12:37	23290		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Method: 6010B

Start Date: 12/29/2008 09:55 End Date: 12/29/2008 19:03

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-23253/1 IC			09:55	X	X																		
STD2 220-23253/2 IC			10:00	X	X																		
ICV 220-23253/3	1		10:06	X	X																		
ICB 220-23253/4	1		10:12	X	X																		
CRI 220-23253/5	1		10:18	X	X																		
ICSA 220-23253/6	1		10:23	X	X																		
ICSAB 220-23253/7	1		10:29	X	X																		
CCV 220-23253/8			10:35																				
CCB 220-23253/9			10:41																				
ZZZZZZ			10:46																				
ZZZZZZ			10:52																				
ZZZZZZ			10:58																				
ZZZZZZ			11:03																				
ZZZZZZ			11:09																				
ZZZZZZ			11:15																				
ZZZZZZ			11:21																				
ZZZZZZ			11:26																				
ZZZZZZ			11:32																				
ZZZZZZ			11:38																				
CCV2 220-23253/20			11:43																				
CCB2 220-23253/21			11:49																				
ZZZZZZ			11:55																				
ZZZZZZ			12:01																				
ZZZZZZ			12:06																				
ZZZZZZ			12:12																				
ZZZZZZ			12:18																				
ZZZZZZ			12:23																				
ZZZZZZ			12:29																				
ZZZZZZ			12:35																				
ZZZZZZ			12:41																				
ZZZZZZ			12:46																				
CCV3 220-23253/32			12:52																				
CCB3 220-23253/33			12:58																				
ZZZZZZ			13:06																				
ZZZZZZ			13:12																				
ZZZZZZ			13:18																				
ZZZZZZ			13:24																				
ZZZZZZ			13:29																				
ZZZZZZ			13:35																				
ZZZZZZ			13:41																				
ZZZZZZ			13:46																				
ZZZZZZ			13:52																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Method: 6010B

Start Date: 12/29/2008 09:55 End Date: 12/29/2008 19:03

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe	Mn																			
ZZZZZZ			13:58																					
CCV4 220-23253/44			14:04																					
CCB4 220-23253/45			14:18																					
ZZZZZZ			14:24																					
ZZZZZZ			14:30																					
ZZZZZZ			14:35																					
ZZZZZZ			14:41																					
ZZZZZZ			14:47																					
ZZZZZZ			14:53																					
ZZZZZZ			14:58																					
ZZZZZZ			15:04																					
ZZZZZZ			15:10																					
ZZZZZZ			15:15																					
CCV5 220-23253/56			15:21																					
CCB5 220-23253/57			15:27																					
ZZZZZZ			15:33																					
ZZZZZZ			15:38																					
ZZZZZZ			15:44																					
ZZZZZZ			15:50																					
ZZZZZZ			15:56																					
ZZZZZZ			16:01																					
ZZZZZZ			16:07																					
ZZZZZZ			16:13																					
ZZZZZZ			16:18																					
ZZZZZZ			16:24																					
CCV6 220-23253/68	1		16:40	X	X																			
CCB6 220-23253/69	1		16:45	X	X																			
ZZZZZZ			16:51																					
ZZZZZZ			16:57																					
ZZZZZZ			17:03																					
ZZZZZZ			17:08																					
ZZZZZZ			17:14																					
ZZZZZZ			17:20																					
MB 220-23238/1-A	1	T	17:26	X	X																			
LCS 220-23238/2-A	1	T	17:31	X	X																			
ZZZZZZ			17:37																					
ZZZZZZ			17:43																					
CCV 220-23253/80	1		17:49	X	X																			
CCB 220-23253/81	1		17:54	X	X																			
220-7561-B-1-B DU	1	T	18:00	X	X																			
220-7561-B-1-C MS	1	T	18:06	X	X																			
ZZZZZZ			18:12																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Method: 6010B

Start Date: 12/29/2008 09:55 End Date: 12/29/2008 19:03

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
220-7630-A-21-B SD ^5	5	P	18:17	X	X																		
220-7654-1	1	T	18:23	X	X																		
ZZZZZZ			18:29																				
ZZZZZZ			18:35																				
ZZZZZZ			18:40																				
ZZZZZZ			18:46																				
ZZZZZZ			18:52																				
CCV 220-23253/92	1		18:58	X	X																		
CCB 220-23253/93	1		19:03	X	X																		

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Method: 6010B

Start Date: 12/30/2008 08:47 End Date: 12/30/2008 13:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-23298/1 IC			08:47	X	X																		
STD2 220-23298/2 IC			08:53	X	X																		
ICV 220-23298/3	1		08:59	X	X																		
ICB 220-23298/4	1		09:04	X	X																		
CRI 220-23298/5	1		09:10	X	X																		
ICSA 220-23298/6	1		09:16	X	X																		
ICSAB 220-23298/7	1		09:22	X	X																		
CCV 220-23298/8	1		09:27	X	X																		
CCB 220-23298/9	1		09:33	X	X																		
ZZZZZZ			09:39																				
ZZZZZZ			09:44																				
220-7654-2	1	T	09:50	X	X																		
220-7654-3	1	T	09:56	X	X																		
220-7654-4	1	T	10:02	X	X																		
ZZZZZZ			10:07																				
ZZZZZZ			10:13																				
ZZZZZZ			10:19																				
ZZZZZZ			10:24																				
ZZZZZZ			10:30																				
CCV2 220-23298/20	1		10:36	X	X																		
CCB2 220-23298/21	1		10:42	X	X																		
ZZZZZZ			10:47																				
ZZZZZZ			10:53																				
ZZZZZZ			10:59																				
ZZZZZZ			11:04																				
ZZZZZZ			11:10																				
ZZZZZZ			11:16																				
ZZZZZZ			11:22																				
ZZZZZZ			11:27																				
ZZZZZZ			11:33																				
ZZZZZZ			11:39																				
CCV3 220-23298/32			11:45																				
CCB3 220-23298/33			11:50																				
ZZZZZZ			11:56																				
ZZZZZZ			12:02																				
ZZZZZZ			12:07																				
ZZZZZZ			12:13																				
ZZZZZZ			12:19																				
ZZZZZZ			12:25																				
ZZZZZZ			12:32																				
ZZZZZZ			12:38																				
ZZZZZZ			12:43																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Method: 6010B

Start Date: 12/30/2008 08:47 End Date: 12/30/2008 13:30

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
ZZZZZZ			12:49																				
CCV4 220-23298/44			12:56																				
CCB4 220-23298/45			13:01																				
ZZZZZZ			13:07																				
ZZZZZZ			13:13																				
ZZZZZZ			13:19																				
CCV5 220-23298/49			13:24																				
CCB5 220-23298/50			13:30																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Method: 6010B

Start Date: 01/02/2009 11:21 End Date: 01/02/2009 15:38

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-23360/1 IC			11:21	X	X																		
STD2 220-23360/2 IC			11:27	X	X																		
ICV 220-23360/3	1		11:33	X	X																		
ICB 220-23360/4	1		11:39	X	X																		
CRI 220-23360/5	1		12:12	X	X																		
ICSA 220-23360/6	1		12:18	X	X																		
ICSAB 220-23360/7	1		12:24	X	X																		
CCV 220-23360/8	1		12:29	X	X																		
CCB 220-23360/9	1		12:35	X	X																		
MB 220-23290/1-A	1	T	12:41	X	X																		
LCS 220-23290/2-A	1	T	12:46	X	X																		
ZZZZZZ			12:52																				
220-7654-1	1	D	12:58	X	X																		
220-7654-2	1	D	13:04	X	X																		
220-7654-3	1	D	13:09	X	X																		
220-7654-4	1	D	13:15	X	X																		
ZZZZZZ			13:21																				
220-7635-F-2-C DU	1	T	13:26	X	X																		
220-7635-F-2-D MS	1	T	13:32	X	X																		
CCV2 220-23360/20	1		13:38	X	X																		
CCB2 220-23360/21	1		13:44	X	X																		
ZZZZZZ			13:49																				
ZZZZZZ			13:55																				
ZZZZZZ			14:01																				
ZZZZZZ			14:06																				
220-7653-E-2-B SD ^5	5	D	14:12	X	X																		
ZZZZZZ			14:18																				
ZZZZZZ			14:24																				
ZZZZZZ			14:29																				
ZZZZZZ			14:35																				
ZZZZZZ			14:41																				
CCV3 220-23360/32	1		14:46	X	X																		
CCB3 220-23360/33	1		14:52	X	X																		
ZZZZZZ			14:58																				
ZZZZZZ			15:04																				
ZZZZZZ			15:09																				
ZZZZZZ			15:15																				
ZZZZZZ			15:21																				
ZZZZZZ			15:27																				
CCV4 220-23360/40			15:32																				
CCB4 220-23360/41			15:38																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: ICAP2 Method: 6010B

Start Date: 01/02/2009 11:21 End Date: 01/02/2009 15:38

Prep Types
D = Dissolved
T = Total/NA

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 23253

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 12/30/08

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W122908 Autosampler Type: TYPE TJA
Sample Positions: 121/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	25	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	71	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ISA	-NA-	1	QC Standard
7	1	7	ISB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	3	QC Standard
9	1	9	CCB	-NA-	3	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-23201/1-A	1	-NA-	Sample
2	1	2	LCS 220-23201/2-A	1	-NA-	Sample
3	1	3	220-7630-A-1-A	1	-NA-	Sample
4	1	4	220-7630-A-1-B DU	1	-NA-	Sample
5	1	5	220-7630-A-1-C MS	1	-NA-	Sample
6	1	6	220-7630-A-1-A PDS	1	-NA-	Sample
7	1	7	220-7630-A-1-A SD@5	1	-NA-	Sample
8	1	8	220-7630-A-2-A	1	-NA-	Sample
9	1	9	220-7630-A-3-A	1	-NA-	Sample
10	1	10	220-7630-A-4-A	1	-NA-	Sample
11	1	11	220-7630-A-5-A	1	-NA-	Sample
12	1	12	220-7630-A-6-A	1	-NA-	Sample
13	2	1	220-7630-A-7-A	1	-NA-	Sample
14	2	2	220-7630-A-9-A	1	-NA-	Sample
15	2	3	220-7630-A-10-A	1	-NA-	Sample
16	2	4	220-7630-A-12-A	1	-NA-	Sample
17	2	5	220-7630-A-13-A	1	-NA-	Sample
18	2	6	22-=7630-A-15-A	1	-NA-	Sample
19	2	7	220-7630-A-17-A	1	-NA-	Sample
20	2	8	220-7630-A-19-A	1	-NA-	Sample
21	2	9	220-7630-A-20-A	1	-NA-	Sample
22	2	10	220-7630-A-22-A	1	-NA-	Sample
23	2	11	220-7630-A-23-A	1	-NA-	Sample
24	2	12	MB 220-23210/1-A	1	-NA-	Sample
25	3	1	LCS 220-23210/2-A	1	-NA-	Sample
26	3	2	220-7630-A-26-A	1	-NA-	Sample
27	3	3	220-7630-A-27-A	1	-NA-	Sample
28	3	4	220-7630-A-28-A	1	-NA-	Sample
29	3	5	220-7630-A-29-A	1	-NA-	Sample
30	3	6	220-7630-A-30-A	1	-NA-	Sample
31	3	7	220-7630-B-31-B	1	-NA-	Sample
32	3	8	220-7630-A-32-A	1	-NA-	Sample
33	3	9	220-7630-A-33-A	1	-NA-	Sample
34	3	10	220-7630-A-34-A	1	-NA-	Sample
35	3	11	220-7630-A-35-A	1	-NA-	Sample
36	3	12	220-7630-A-36-A	1	-NA-	Sample
37	4	1	220-7630-A-37-B	1	-NA-	Sample
38	4	2	220-7630-A-38-A	1	-NA-	Sample
39	4	3	220-7630-A-25-E	1	-NA-	Sample
40	4	4	220-7630-A-24-D	1	-NA-	Sample
41	4	5	220-7630-A-8-B	1	-NA-	Sample
42	4	6	220-7630-A-11-B	1	-NA-	Sample
43	4	7	220-7630-A-14-B	1	-NA-	Sample
44	4	8	220-7630-A-16-B	1	-NA-	Sample
45	4	9	220-7630-A-18-B	1	-NA-	Sample
46	4	10	220-7630-A-21-B	1	-NA-	Sample
47	4	11	220-7630-B-26-D	1	-NA-	Sample
48	4	12	220-7630-B-28-B	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	220-7630-B-31-C	1	-NA-	Sample
2	1	2	220-7630-A-37-C	1	-NA-	Sample
3	1	3	220-7630-A-26-B DU	1	-NA-	Sample
4	1	4	220-7630-B-26-C MS	1	-NA-	Sample
5	1	5	220-7630-A-26-A PDS	1	-NA-	Sample
6	1	6	220-7630-A-26-A SD@5	1	-NA-	Sample
7	1	7	220-7644-B-1-C	1	-NA-	Sample
8	1	8	220-7662-A-1-D	1	-NA-	Sample
9	1	9	MB 220-23238/1-A	1	-NA-	Sample
10	1	10	LCS 220-23238/2-A	1	-NA-	Sample
11	1	11	LB 220-23174/1-B	1	-NA-	Sample
12	1	12	220-7561-B-1-A	1	-NA-	Sample
13	2	1	220-7561-B-1-B DU	1	-NA-	Sample
14	2	2	220-7561-B-1-C MS	1	-NA-	Sample
15	2	3	220-7561-B-1-A PDS	1	-NA-	Sample
16	2	4	220-~~7561-B-1-A~~ SD@5 7630-A-21-B	1	-NA-	Sample
17	2	5	220-7564-B-1-A	1	-NA-	Sample
18	2	6	220-7623-A-1-A	1	-NA-	Sample
19	2	7	220-7635-F-1-D	1	-NA-	Sample
20	2	8	(~~empty~~) MB 220-23231/1-A	1	-NA-	-NA-
21	2	9	(~~empty~~) LCS 220-23231/2-A	1	-NA-	-NA-
22	2	10	(~~empty~~) 220-7662-A-2-B MR 12/29/08	1	-NA-	-NA-
23	2	11	(empty)	1	-NA-	-NA-
(24...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 12/29/08 09:55:08

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00360	.09650	-.00102	.0839	.00050	-.00763	.00840
SDev	.00104	.00005	.00287	.0008	.00014	.00061	.00000
%RSD	28.808	.04885	280.21	.8993	28.284	8.0283	.00000
#1	-.00433	.09647	-.00305	.0844	.00060	-.00720	.00840
#2	-.00287	.09653	.00100	.0833	.00040	-.00807	.00840

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00600	-.00067	-.00107	.03777	-.00910	.01883	.00097
SDev	.00245	.00057	.00038	.00080	.00127	.00024	.00005
%RSD	40.855	84.853	35.355	2.1219	13.987	1.2515	4.8766
#1	.00427	-.00107	-.00133	.03833	-.01000	.01867	.00093
#2	.00773	-.00027	-.00080	.03720	-.00820	.01900	.00100

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00217	-.01110	.11270	-.00403	.01790	-.00577	-.03327
SDev	.00005	.00061	.00193	.00165	.00156	.00108	.00537
%RSD	2.1757	5.5210	1.7150	40.907	8.6907	18.802	16.154
#1	.00213	-.01067	.11133	-.00287	.01900	-.00653	-.02947
#2	.00220	-.01153	.11407	-.00520	.01680	-.00500	-.03707

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	.00753	-.04023	.02627	.00060	.00013	.2902	.00067
SDev	.00123	.00052	.00368	.00009	.00019	.0047	.00226
%RSD	16.270	1.2888	13.999	15.713	141.42	1.608	339.41
#1	.00840	-.04060	.02887	.00067	.00027	.2935	.00227
#2	.00667	-.03987	.02367	.00053	.00000	.2869	-.00093

Elem	Sr4215	Ti3349
Avge	.00240	-.00837
SDev	.00009	.00325
%RSD	3.9284	38.877
#1	.00233	-.00607
#2	.00247	-.01067

Method: STL3 Standard: STD2
Run Time: 12/29/08 10:00:57

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.84737	5.2518	1.4166	2.541	10.230	3.7784	14.648
SDev	.00165	.0162	.0127	.002	.050	.0141	.042
%RSD	.19471	.30877	.89494	.0816	.48432	.37305	.28449
#1	.84620	5.2403	1.4255	2.539	10.195	3.7883	14.678
#2	.84853	5.2633	1.4076	2.542	10.265	3.7684	14.619

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.7763	1.6125	4.1630	4.2047	1.9161	1.4861	10.163
SDev	.0080	.0057	.0075	.0290	.0025	.0094	.035
%RSD	.09131	.35080	.18118	.69061	.12793	.63440	.34139
#1	8.7820	1.6165	4.1683	4.1842	1.9144	1.4795	10.138
#2	8.7707	1.6085	4.1577	4.2253	1.9179	1.4928	10.188

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.6814	2.2800	110.44	4.3267	2.0691	.69600	4.3235
SDev	.0020	.0133	.36	.0152	.0116	.00113	.0197
%RSD	.04329	.58511	.32368	.35083	.56046	.16255	.45576
#1	4.6799	2.2706	110.18	4.3374	2.0609	.69680	4.3095
#2	4.6828	2.2895	110.69	4.3159	2.0773	.69520	4.3374

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.7760	2.3827	2.0118	1.8864	.62327	1.659	1.5999
SDev	.0020	.0105	.0066	.0016	.00264	.012	.0181
%RSD	.05368	.44120	.32570	.08746	.42355	.7361	1.1314
#1	3.7745	2.3753	2.0072	1.8852	.62513	1.667	1.5871
#2	3.7774	2.3901	2.0165	1.8875	.62140	1.650	1.6127

Elem	Sr4215	Ti3349
Avge	11.774	12.745
SDev	.040	.028
%RSD	.34272	.22229
#1	11.745	12.725
#2	11.802	12.765

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	117.301	.422283	12/29/08 10:00:57
Al3082	308.215	STD2	STD1	2137.65	-206.283	12/29/08 10:00:57
As1890	189.042	STD2	STD1	703.824	.720578	12/29/08 10:00:57
B_2496	249.678	STD2	STD1	408.069	-34.2234	12/29/08 10:00:57
Ba4934	493.409	STD2	STD1	97.7600	-.048880	12/29/08 10:00:57
Be3130	313.042	STD2	STD1	264.097	2.01594	12/29/08 10:00:57
Ca3179	317.933	STD2	STD1	3415.35	-28.6889	12/29/08 10:00:57
Cd2265	226.502	STD2	STD1	114.266	-.685599	12/29/08 10:00:57
Co2286	228.616	STD2	STD1	620.213	.413475	12/29/08 10:00:57
Cr2677	267.716	STD2	STD1	240.144	.256153	12/29/08 10:00:57
Cu3247	324.753	STD2	STD1	240.056	-9.06610	12/29/08 10:00:57
Fe2714	271.441	STD2	STD1	5754.22	52.3634	12/29/08 10:00:57
K_7664	766.491	STD2	STD1	34076.2	-641.768	12/29/08 10:00:57
Mg2790	279.078	STD2	STD1	4919.65	-4.75566	12/29/08 10:00:57
Mn2576	257.610	STD2	STD1	213.692	-.463000	12/29/08 10:00:57
Mo2020	202.030	STD2	STD1	436.465	4.84476	12/29/08 10:00:57
Na5889	588.995	STD2	STD1	453.212	-51.0770	12/29/08 10:00:57
Ni2316	231.604	STD2	STD1	230.407	.929309	12/29/08 10:00:57
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	484.475	-8.67210	12/29/08 10:00:57
Tl1908	190.864	STD2	STD1	1415.68	8.16378	12/29/08 10:00:57
2203/1	220.351	STD2	STD1	230.007	7.65157	12/29/08 10:00:57
2203/2	220.352	STD2	STD1	264.807	-1.99488	12/29/08 10:00:57
1960/1	196.021	STD2	STD1	412.754	16.6065	12/29/08 10:00:57
1960/2	196.022	STD2	STD1	500.747	-13.1529	12/29/08 10:00:57
V_2924	292.402	STD2	STD1	524.880	-.314928	12/29/08 10:00:57
Zn2062	206.200	STD2	STD1	1604.97	-.213995	12/29/08 10:00:57
Si2881	288.158	STD2	STD1	731.982	-212.397	12/29/08 10:00:57
Sn1899	189.989	STD2	STD1	624.411	-.416274	12/29/08 10:00:57
Sr4215	421.552	STD2	STD1	85.0409	-.204098	12/29/08 10:00:57
Ti3349	334.941	STD2	STD1	78.4537	.656396	12/29/08 10:00:57

Method: STL3 Sample Name: ICV Operator:
Run Time: 12/29/08 10:06:45
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	108.3103	10101.13	1057.046	1030.145	1009.140	1027.971	10613.53
SDev	.6259	107.07	1.170	6.973	3.530	12.027	150.70
%RSD	.5779158	1.060022	.1106390	.6768546	.3498079	1.169985	1.419860
#1	107.8676	10025.42	1056.219	1025.214	1006.644	1019.467	10506.97
#2	108.7529	10176.84	1057.873	1035.075	1011.637	1036.476	10720.09

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1050.101	1058.843	1061.217	1005.860	10418.87	47982.69	10179.49
SDev	6.777	12.361	13.166	2.454	105.14	311.64	68.22
%RSD	.6453734	1.167373	1.240650	.2439602	1.009137	.6494742	.6702043
#1	1045.309	1050.102	1051.907	1004.125	10344.53	47762.33	10131.25
#2	1054.893	1067.583	1070.526	1007.595	10493.22	48203.05	10227.73

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1064.152	1060.378	47987.25	1036.571	1031.178	1017.463	1029.932
SDev	6.276	6.358	268.61	13.323	13.579	3.455	11.411
%RSD	.5898063	.5995737	.5597631	1.285270	1.316810	.3395530	1.107940
#1	1059.714	1055.882	47797.31	1027.150	1021.577	1015.021	1021.864
#2	1068.590	1064.873	48177.19	1045.992	1040.780	1019.906	1038.001

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1017.965	1036.518	1028.512	1018.749	1014.888	1028.912	1068.411
SDev	14.742	5.647	17.539	.507	9.360	7.215	15.363
%RSD	1.448166	.5448481	1.705233	.0497439	.9222457	.7012262	1.437962
#1	1007.541	1032.524	1016.111	1018.391	1008.269	1023.810	1057.547
#2	1028.389	1040.511	1040.914	1019.107	1021.506	1034.014	1079.274

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1049.020	1028.661	1028.559	1027.623
SDev	8.339	11.136	5.461	6.529
%RSD	.7949795	1.082592	.5309372	.6353749
#1	1043.123	1020.786	1024.697	1023.006
#2	1054.917	1036.535	1032.420	1032.240

Method: STL3 Sample Name: ICB Operator:
Run Time: 12/29/08 10:12:29
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.042384	3.070874	-1.41880	.8961106	.0162933	.0177230	-.113844
SDev	.061203	.409442	.67032	.0009641	.0460845	.0623351	.160999
%RSD	144.4018	13.33309	47.24524	.1075929	282.8427	351.7191	141.4213
#1	.0008932	2.781355	-1.89279	.8967924	.0488800	.0618006	-.000000
#2	-.085661	3.360394	-.944819	.8954288	-.016293	-.026355	-.227687

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1039603	.5488605	.0479133	-.546147	11.09054	-2.27171	.6546754
SDev	.0094954	.2277492	.0226449	.216209	6.22765	1.60635	1.623336
%RSD	9.133695	41.49491	47.26235	39.58808	56.15282	70.71107	247.9604
#1	.0972460	.3878175	.0639257	-.699030	6.686923	-3.40757	1.802547
#2	.1106746	.7099035	.0319009	-.393264	15.49415	-1.13585	-.493196

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.199517	5.150290	1.631562	.3325940	-.931652	-1.05282	7.017136
SDev	.010066	3.189151	1.645074	.4785079	.031667	.10036	4.956522
%RSD	5.045229	61.92178	100.8282	143.8715	3.398973	9.532074	70.63455
#1	-.206635	7.405360	2.794805	-.005762	-.909261	-.981862	10.52193
#2	-.192399	2.895219	.4683190	.6709502	-.954044	-1.12379	3.512345

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.323988	1.112943	-1.95312	-2.49040	1.825648	-.785830	-.804776
SDev	2.867208	.115064	.10492	.77885	1.861402	.083042	.074802
%RSD	216.5584	10.33873	5.372031	31.27393	101.9584	10.56737	9.294771
#1	3.351410	1.031580	-1.87893	-3.04113	3.141858	-.727110	-.751883
#2	-.703434	1.194306	-2.02731	-1.93967	.5094382	-.844549	-.857669

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-12.0831	7.368469	.0198452	.1648674
SDev	1.3482	.352856	.0040055	.4141770
%RSD	11.15803	4.788735	20.18358	251.2182
#1	-11.1297	7.118962	.0226776	.4577348
#2	-13.0364	7.617976	.0170129	-.128000

Method: STL3 Sample Name: CRI Operator:
Run Time: 12/29/08 10:18:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.63578	388.9428	20.63064	32.30825	10.47335	10.47322	459.0226
SDev	.17134	2.1090	1.69276	.73149	.06913	.04982	2.2540
%RSD	1.610941	.5422277	8.205051	2.264105	.6600199	.4756468	.4910504
#1	10.75693	387.4515	19.43369	32.82549	10.42447	10.50845	457.4288
#2	10.51462	390.4341	21.82760	31.79101	10.52223	10.43800	460.6165

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.55060	10.83902	10.89369	9.534241	227.1911	Q316.9087	435.7846
SDev	.11676	.08927	.23780	.000270	9.2127	3.2128	1.8557
%RSD	1.106676	.8235961	2.182890	.0028362	4.055036	1.013779	.4258400
#1	10.46804	10.77589	10.72554	9.534432	220.6768	Q314.6369	434.4724
#2	10.63316	10.90214	11.06183	9.534049	233.7055	Q319.1804	437.0968

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.62858	32.95312	403.9477	10.40486	9.252268	31.08844	30.22609
SDev	.07054	.69956	.8973	1.24904	.532910	3.33310	.57255
%RSD	.6637235	2.122885	.2221341	12.00443	5.759779	10.72135	1.894224
#1	10.57870	32.45846	403.3132	11.28807	9.629092	33.44529	29.82123
#2	10.67846	33.44778	404.5822	9.521653	8.875443	28.73158	30.63094

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.53216	11.21796	8.270095	31.23156	30.80075	10.78328	31.48851
SDev	3.19996	1.12691	.236358	3.44399	3.11099	.32888	.07486
%RSD	12.53306	10.04555	2.857986	11.02727	10.10038	3.049878	.2377404
#1	27.79487	12.01481	8.437225	33.66683	33.00056	10.55073	31.43557
#2	23.26944	10.42112	8.102964	28.79630	28.60095	11.01583	31.54144

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	25.51837	34.61340	10.68850	31.60617
SDev	.58408	1.03049	.02401	.07022
%RSD	2.288849	2.977149	.2245918	.2221591
#1	25.10537	33.88473	10.67153	31.55652
#2	25.93138	35.34207	10.70548	31.65582

Method: STL3 Sample Name: ISA Operator:
Run Time: 12/29/08 10:23:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.210869	424511.7	.7867618	79.61854	1.205707	-.133366	439489.7
SDev	.022179	50.6	4.146145	.03100	.023042	.074773	2241.6
%RSD	10.51766	.0119201	526.9886	.0389338	1.911101	56.06621	.5100550
#1	-.226552	424547.5	-2.14501	79.59662	1.222000	-.080493	437904.6
#2	-.195187	424475.9	3.718529	79.64046	1.189413	-.186239	441074.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.27004	-2.55400	1.446127	-.063406	175977.8	32.94035	448344.6
SDev	.23242	.05634	.554582	.034221	883.8	3.21270	943.9
%RSD	10.23842	2.205976	38.34948	53.97126	.5022010	9.753079	.2105249
#1	-2.43438	-2.51416	1.838275	-.039208	175352.8	30.66863	447677.2
#2	-2.10569	-2.59384	1.053978	-.087604	176602.7	35.21207	449012.0

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.609446	-1.09116	143.3962	-.439689	-.006171	-.807167	1.601980
SDev	.100782	.61726	1.8587	.392700	.948247	.730856	.622327
%RSD	1.048783	56.56854	1.296215	89.31299	15366.81	90.54580	38.84735
#1	9.538182	-1.52763	144.7106	-.717370	.6643415	-1.32396	2.042032
#2	9.680710	-.654698	142.0819	-.162009	-.676683	-.290374	1.161929

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.30298	1.957050	-.987109	-3.37616	4.337338	2.074698	-14.9530
SDev	3.67586	2.589939	.128632	.32818	2.852105	.513829	1.7835
%RSD	20.08340	132.3389	13.03120	9.720451	65.75704	24.76645	11.92747
#1	20.90221	3.788414	-.896153	-3.14411	2.320595	1.711366	-13.6919
#2	15.70375	.1256867	-1.07807	-3.60822	6.354080	2.438030	-16.2142

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	458.8708	3.617928	1.273263	-4.82701
SDev	.7366	3.249736	.043065	.10450
%RSD	.1605210	89.82313	3.382279	2.164927
#1	458.3500	5.915838	1.303715	-4.75312
#2	459.3917	1.320017	1.242811	-4.90090

Method: STL3 Sample Name: ISB Operator:
Run Time: 12/29/08 10:29:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	215.4513	422371.5	96.45199	112.4204	471.5714	443.5922	429242.0
SDev	.7299	1894.8	1.39191	.2895	2.3688	8.4151	10836.0
%RSD	.3387847	.4486106	1.443113	.2574876	.5023140	1.897046	2.524453
#1	214.9352	423711.3	97.43622	112.2157	469.8964	437.6418	421579.8
#2	215.9674	421031.7	95.46776	112.6251	473.2464	449.5427	436904.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	908.7729	442.7313	450.5062	526.8139	175296.7	22.71748	440423.3
SDev	3.4541	11.6658	11.2884	1.7429	15.3	1.60635	5127.7
%RSD	.3800881	2.634960	2.505704	.3308394	.0087041	7.070983	1.164255
#1	906.3304	434.4823	442.5241	525.5815	175307.5	21.58162	436797.5
#2	911.2153	450.9803	458.4882	528.0463	175285.9	23.85334	444049.1

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	470.4349	-.771089	189.6692	880.2553	46.58289	44.91087	554.1346
SDev	1.7434	1.687164	1.1964	16.7981	3.72118	6.31791	28.6389
%RSD	.3705941	218.8028	.6307960	1.908317	7.988303	14.06766	5.168230
#1	469.2022	-1.96409	190.5152	868.3772	43.95161	49.37831	533.8838
#2	471.6677	.4219162	188.8232	892.1332	49.21416	40.44344	574.3854

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	110.2008	51.87321	43.94089	45.03040	44.67046	450.8952	875.2090
SDev	16.9839	8.47489	9.81007	9.86429	.78551	7.8615	26.1740
%RSD	15.41182	16.33770	22.32561	21.90584	1.758448	1.743530	2.990595
#1	Q122.2102	57.86586	37.00412	52.00551	44.11502	445.3363	856.7012
#2	98.19131	45.88055	50.87766	38.05530	45.22589	456.4541	893.7168

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	672.4348	2.834424	1.573507	-4.63772
SDev	12.0173	2.943809	.215530	.00109
%RSD	1.787129	103.8592	13.69740	.0234975
#1	663.9373	4.916011	1.725909	-4.63695
#2	680.9323	.7528360	1.421104	-4.63850

Method: STL3 Sample Name: CCV Operator:
Run Time: 12/29/08 10:35:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.13648	4821.262	508.4144	492.0540	495.6269	491.8133	5011.111
SDev	.39715	3.345	6.0621	1.6856	1.3457	1.7057	16.583
%RSD	.7474177	.0693791	1.192356	.3425671	.2715103	.3468109	.3309212
#1	53.41731	4818.896	504.1279	490.8621	494.6753	490.6072	4999.385
#2	52.85565	4823.627	512.7010	493.2459	496.5784	493.0193	5022.837

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.2192	507.9655	506.8539	490.9026	5021.980	37673.51	4876.186
SDev	1.3272	3.4355	2.7855	1.5019	18.715	9.64	12.065
%RSD	.2642640	.6763198	.5495636	.3059534	.3726588	.0255879	.2474342
#1	501.2808	505.5363	504.8842	489.8406	5008.747	37680.32	4867.655
#2	503.1577	510.3948	508.8235	491.9646	5035.214	37666.69	4884.718

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.1796	507.1871	39088.12	497.0353	497.0344	494.9827	527.1381
SDev	.8767	8.8885	60.68	4.4177	4.0435	.5448	14.8533
%RSD	.1711742	1.752502	.1552283	.8888040	.8135312	.1100708	2.817717
#1	511.5596	500.9020	39131.02	493.9115	494.1752	495.3680	537.6409
#2	512.7995	513.4722	39045.21	500.1591	499.8936	494.5975	516.6352

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	489.9615	500.3181	495.3943	495.7626	493.4196	495.5947	504.6987
SDev	4.9545	.3434	5.8909	1.5178	1.4040	3.6065	1.6640
%RSD	1.011201	.0686429	1.189129	.3061489	.2845374	.7277045	.3297002
#1	486.4582	500.0752	491.2289	496.8358	492.4269	493.0445	503.5221
#2	493.4649	500.5609	499.5598	494.6894	494.4124	498.1448	505.8754

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	504.3257	493.1833	508.5497	499.1258
SDev	4.0420	3.5347	1.1262	1.7895
%RSD	.8014741	.7167097	.2214440	.3585306
#1	501.4676	490.6839	507.7534	497.8604
#2	507.1839	495.6827	509.3460	500.3912

Method: STL3 Sample Name: CCB Operator:
Run Time: 12/29/08 10:41:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.030959	2.280273	-1.68864	-1.14352	.0032587	-.132068	.6830714
SDev	.132536	2.329019	2.81543	.11559	.0184338	.074805	.0000000
%RSD	428.1028	102.1377	166.7275	10.10796	565.6859	56.64106	.0000000
#1	-.124676	3.927138	-3.67945	-1.22525	.0162933	-.079173	.6830714
#2	.0627581	.6334080	.3021685	-1.06178	-.009776	-.184963	.6830714

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.265674	.0481701	.0880780	-.785245	11.31256	-4.54346	3.605779
SDev	.166691	.1778570	.0567307	.146628	1.07833	1.60639	.232430
%RSD	62.74271	369.2271	64.40958	18.67291	9.532125	35.35618	6.446048
#1	-.147805	.1739339	.0479634	-.681564	12.07505	-5.67935	3.441426
#2	-.383542	-.077594	.1281927	-.888927	10.55007	-3.40757	3.770132

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.306314	2.807926	-1.08771	-.543956	-.416071	-2.05356	7.739335
SDev	.080651	1.234510	1.64508	.129712	1.341884	1.65961	5.348008
%RSD	26.32935	43.96519	151.2423	23.84609	322.5135	80.81593	69.10165
#1	-.363343	3.680856	.0755355	-.635676	-1.36493	-3.22708	11.52095
#2	-.249286	1.934996	-2.25095	-.452235	.5327848	-.880044	3.957722

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.30938	-.284916	-.482299	-3.90737	1.658625	-.233038	-.911084
SDev	.66666	.792065	2.407330	1.88748	1.203171	.704609	.075031
%RSD	28.86767	277.9996	499.1361	48.30563	72.54026	302.3577	8.235393
#1	-1.83797	.2751588	-2.18454	-5.24203	.8078547	-.731272	-.858029
#2	-2.78078	-.844991	1.219940	-2.57272	2.509395	.2651956	-.964140

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-14.5811	4.204372	.0141591	-.188186
SDev	1.3949	3.061452	.0040089	.159052
%RSD	9.566244	72.81589	28.31292	84.51875
#1	-15.5674	6.369146	.0113244	-.075719
#2	-13.5948	2.039599	.0169938	-.300653

Method: STL3 Sample Name: MB 220-23201/1-A Operator:
Run Time: 12/29/08 10:46:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2035660	5.485791	-1.96502	-2.27218	.1727093	-.167312	-5.00917
SDev	.0443765	.990450	.41472	.36436	.0000000	.049882	.32200
%RSD	21.79959	18.05483	21.10513	16.03575	.0000000	29.81347	6.428270
#1	.2349449	4.785437	-1.67177	-2.52982	.1727093	-.132041	-4.78148
#2	.1721870	6.186145	-2.25827	-2.01454	.1727093	-.202584	-5.23687

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.092632	.1500232	.1601422	-.576879	5.167568	-6.81522	2.294649
SDev	.001978	.0272658	.0455101	.010926	10.29825	1.60635	.695678
%RSD	2.135684	18.17437	28.41858	1.893974	199.2861	23.57005	30.31740
#1	-.091234	.1307434	.1279617	-.569153	-2.11439	-5.67935	2.786567
#2	-.094031	.1693030	.1923228	-.584605	12.44953	-7.95108	1.802730

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.185211	2.022289	19.11043	-.160711	1.778811	.2533453	-1.70856
SDev	.010162	.740706	1.41006	.260698	.530827	1.204553	.11375
%RSD	5.486673	36.62711	7.378508	162.2160	29.84166	475.4590	6.657833
#1	-.192396	2.546047	20.10750	-.345052	2.154162	1.105093	-1.78900
#2	-.178025	1.498530	18.11337	.0236309	1.403460	-.598402	-1.62812

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.187085	2.400413	1.467827	1.169459	-1.58273	-.118727	-1.28495
SDev	.872472	.009237	.800383	1.867529	.12353	.981779	.15151
%RSD	466.3503	.3848258	54.52846	159.6918	7.804982	826.9188	11.79084
#1	-.804016	2.393881	2.033783	2.490001	-1.67008	-.812950	-1.17782
#2	.4298456	2.406945	.9018702	-.151084	-1.49538	.5754954	-1.39208

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.76830	3.538104	-.059423	-.279869
SDev	.48150	.529537	.004016	.073973
%RSD	17.39322	14.96669	6.757649	26.43119
#1	-2.42783	3.912543	-.062263	-.332176
#2	-3.10877	3.163664	-.056584	-.227562

Method: STL3 Sample Name: LCS 220-23201/2-A Operator:
Run Time: 12/29/08 10:52:32
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	319.0532	5911.166	1031.458	1056.389	305.0210	105.2004	31345.49
SDev	2.4134	4.880	5.013	6.500	.4424	.4871	239.41
%RSD	.7564104	.0825498	.4860296	.6153034	.1450446	.4630481	.7637723
#1	317.3467	5907.715	1027.913	1051.793	305.3338	104.8560	31176.20
#2	320.7597	5914.616	1035.003	1060.985	304.7081	105.5449	31514.77

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	310.2883	315.0154	314.5497	299.8742	25555.86	20226.49	15305.89
SDev	2.6365	2.3907	1.8899	.2788	190.23	16.06	38.51
%RSD	.8496802	.7589064	.6008220	.0929734	.7443680	.0794166	.2516322
#1	308.4241	313.3249	313.2133	300.0713	25421.35	20237.85	15278.65
#2	312.1526	316.7058	315.8860	299.6770	25690.38	20215.13	15333.12

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	212.5879	1057.235	31290.72	305.9524	1045.599	540.6460	1066.972
SDev	2.5790	18.909	106.46	1.4050	3.168	4.4969	5.606
%RSD	1.213127	1.788498	.3402275	.4592357	.3029426	.8317618	.5253893
#1	210.7643	1043.865	31365.99	304.9589	1043.359	537.4662	1063.008
#2	214.4115	1070.606	31215.44	306.9459	1047.839	543.8257	1070.936

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1025.797	1047.933	1044.433	541.7814	538.3707	310.7665	308.8318
SDev	12.138	7.720	.895	4.2637	4.9639	1.5558	3.1634
%RSD	1.183307	.7366960	.0856694	.7869862	.9220152	.5006383	1.024326
#1	1017.214	1042.475	1043.801	538.7665	534.8608	309.6664	306.5949
#2	1034.380	1053.392	1045.066	544.7963	541.8807	311.8666	311.0687

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	903.6786	1069.653	-.544867	1062.026
SDev	2.8692	10.462	.011008	7.589
%RSD	.3174988	.9780922	2.020292	.7146152
#1	901.6498	1062.255	-.552651	1056.659
#2	905.7075	1077.051	-.537084	1067.393

Method: STL3 Sample Name: 220-7630-A-1-A Operator:
Run Time: 12/29/08 10:58:15
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.003564	23549.21	46.97236	12.56088	9330.768	2.789665	13802.56
SDev	.038938	81.71	2.26932	.71269	46.826	.000231	9.34
%RSD	3.879956	.3469853	4.831185	5.673909	.5018504	.0082733	.0676548
#1	1.031097	23606.98	45.36770	13.06483	9363.879	2.789828	13795.95
#2	.9760304	23491.43	48.57701	12.05693	9297.656	2.789502	13809.16

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.353218	29.29144	511.8825	132.7546	58310.21	3880.143	15533.73
SDev	.168720	.76210	1.3729	.2363	20.95	11.244	4.42
%RSD	47.76666	2.601779	.2682124	.1779672	.0359252	.2897956	.0284416
#1	-.233914	29.83033	512.8533	132.9217	58295.40	3888.094	15530.61
#2	-.472521	28.75256	510.9117	132.5876	58325.03	3872.192	15536.85

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1657.677	8.729303	1204.290	183.5808	H113301.9	2.851283	9.605786
SDev	1.743	3.847556	10.640	.0559	10.7	1.119275	2.319192
%RSD	.1051312	44.07632	.8834802	.0304327	.0094150	39.25514	24.14370
#1	1656.445	11.44994	1211.813	183.6203	H113294.4	3.642730	11.24570
#2	1658.909	6.008671	1196.766	183.5413	H113309.5	2.059836	7.965870

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.473514	H113504.1	H113201.0	1.452472	5.652104	80.43834	2557.336
SDev	.338428	213.7	122.7	1.670970	.014227	.36222	1.966
%RSD	5.227893	.1882954	.1083909	115.0432	.2517191	.4503045	.0768749
#1	6.234209	H113655.2	H113114.2	2.634027	5.662165	80.69447	2558.726
#2	6.712819	H113353.0	H113287.8	.2709179	5.642044	80.18221	2555.946

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3749.881	69.48731	362.4179	1102.510
SDev	5.541	4.82829	.3490	1.161
%RSD	.1477605	6.948456	.0962918	.1052937
#1	3753.799	72.90142	362.6647	1103.331
#2	3745.963	66.07318	362.1712	1101.689

Method: STL3 Sample Name: 220-7630-A-1-B DU Operator:
Run Time: 12/29/08 11:03:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.225219	25947.87	112.6652	18.40271	16678.88	5.232536	17080.60
SDev	.011311	19.05	1.8847	.27945	7.21	.037397	34.78
%RSD	.5083263	.0734075	1.672789	1.518514	.0432151	.7147090	.2036033
#1	2.217220	25961.34	111.3326	18.60031	16683.97	5.206092	17056.02
#2	2.233217	25934.40	113.9979	18.20511	16673.78	5.258980	17105.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9271917	39.31821	1224.252	144.5272	68946.69	4690.020	39284.34
SDev	.3517569	.47100	4.527	.4981	101.46	22.489	95.10
%RSD	37.93789	1.197907	.3697672	.3446422	.1471634	.4795141	.2420891
#1	1.175921	39.65125	1221.051	144.1750	68874.94	4705.923	39217.10
#2	.6784620	38.98516	1227.453	144.8794	69018.43	4674.118	39351.59

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2176.609	5.368522	2605.651	472.5109	H177309.5	-.010999	15.69507
SDev	2.730	.534954	10.084	1.6547	524.0	2.804661	1.10647
%RSD	.1254336	9.964650	.3870066	.3501913	.2955156	25498.90	7.049793
#1	2174.679	5.746792	2612.782	473.6809	H176939.0	1.972196	14.91268
#2	2178.540	4.990252	2598.521	471.3408	H177680.0	-1.99419	16.47746

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.003633	H177941.0	H176994.2	-1.29859	2.566357	98.93642	4204.742
SDev	5.312542	535.5	1052.9	5.50416	2.601732	.21559	12.483
%RSD	75.85408	.3009553	.5948992	423.8550	101.3784	.2179099	.2968821
#1	10.76017	H178319.7	H176249.7	2.593433	.7266541	98.78397	4195.916
#2	3.247099	H177562.4	H177738.8	-5.19062	4.406059	99.08887	4213.569

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3298.073	51.83219	637.0396	1129.589
SDev	18.766	1.47414	.4577	.305
%RSD	.5690026	2.844066	.0718539	.0270125
#1	3284.804	50.78981	637.3633	1129.373
#2	3311.343	52.87456	636.7159	1129.805

Method: STL3 Sample Name: 220-7630-A-1-C MS Operator:
Run Time: 12/29/08 11:09:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.15683	22559.45	49.64426	228.1109	6298.543	13.19328	14595.49
SDev	.16163	56.27	3.50327	.7048	32.794	.20008	150.21
%RSD	1.448704	.2494431	7.056753	.3089621	.5206625	1.516547	1.029181
#1	11.04254	22519.66	47.16707	227.6125	6275.354	13.05180	14489.27
#2	11.27112	22599.24	52.12145	228.6092	6321.732	13.33476	14701.70

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.13284	135.4450	408.8226	160.5324	51252.90	5495.355	15570.81
SDev	.01981	2.1224	3.3386	.3047	235.81	14.457	43.66
%RSD	.0937197	1.566983	.8166383	.1898115	.4601000	.2630771	.2803768
#1	21.11884	133.9442	406.4619	160.3169	51086.15	5485.132	15539.94
#2	21.14685	136.9457	411.1834	160.7478	51419.64	5505.577	15601.68

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1532.434	215.7593	3640.696	265.0353	78062.50	26.11553	155.5378
SDev	9.157	2.6953	5.555	2.2059	480.05	.78412	.3853
%RSD	.5975516	1.249238	.1525760	.8323085	.6149607	3.002501	.2477050
#1	1525.959	213.8534	3636.769	263.4754	77723.05	25.56107	155.2653
#2	1538.909	217.6652	3644.624	266.5951	78401.95	26.66998	155.8102

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.40961	78484.03	77852.05	28.07995	22.17968	187.7804	2574.959
SDev	3.28384	810.39	315.13	.43077	1.49174	2.7460	26.393
%RSD	12.43427	1.032559	.4047833	1.534085	6.725687	1.462338	1.025003
#1	24.08759	77910.99	77629.21	27.77535	21.12486	185.8387	2556.297
#2	28.73164	79057.06	78074.88	28.38455	23.23449	189.7221	2593.623

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3758.546	232.7105	232.7565	1294.470
SDev	24.141	2.2477	.4458	5.055
%RSD	.6422980	.9658963	.1915511	.3905114
#1	3741.476	231.1211	232.4412	1290.896
#2	3775.617	234.2999	233.0718	1298.045

Method: STL3 Sample Name: 220-7630-A-1-A PDS Operator:
Run Time: 12/29/08 11:15:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.44222	25511.68	88.30855	214.5743	10751.28	54.70037	23321.47
SDev	.80295	27.94	.69923	1.6299	67.85	1.14525	628.39
%RSD	1.502465	.1095037	.7917976	.7595960	.6310854	2.093675	2.694458
#1	52.87445	25531.43	87.81412	213.4217	10703.31	53.89056	22877.13
#2	54.01000	25491.93	88.80297	215.7268	10799.26	55.51018	23765.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.66471	549.8516	700.4820	385.0028	57919.52	13892.86	24952.41
SDev	.48641	13.6355	14.8660	1.9240	229.79	38.55	256.11
%RSD	.9414659	2.479851	2.122251	.4997254	.3967408	.2775036	1.026391
#1	51.32077	540.2098	689.9701	383.6424	57757.04	13920.13	24771.32
#2	52.00865	559.4933	710.9938	386.3633	58082.01	13865.60	25133.51

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2122.161	206.4771	12982.07	679.0287	H111365.8	56.51177	309.7644
SDev	12.140	2.6130	57.92	15.0259	1239.4	1.01340	1.4760
%RSD	.5720388	1.265537	.4461477	2.212850	1.112952	1.793258	.4764964
#1	2113.577	204.6294	13023.03	668.4038	H110489.4	55.79519	308.7207
#2	2130.745	208.3248	12941.12	689.6536	H112242.2	57.22836	310.8081

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.33662	H112384.9	H110857.0	57.54253	54.44616	584.9977	2962.518
SDev	2.22836	131.7	1792.5	.91148	4.86896	11.8013	88.450
%RSD	3.819828	.1171510	1.616957	1.584012	8.942697	2.017319	2.985652
#1	59.91231	H112291.8	H109589.5	58.18705	51.00329	576.6530	2899.974
#2	56.76093	H112478.0	H112124.5	56.89802	57.88903	593.3425	3025.062

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3853.969	262.8554	355.3042	1275.346
SDev	64.472	4.1403	.4278	4.620
%RSD	1.672878	1.575113	.1203938	.3622628
#1	3808.381	265.7831	355.0017	1272.079
#2	3899.558	259.9278	355.6067	1278.613

Method: STL3 Sample Name: 220-7630-A-1-A SD@5 Operator:
Run Time: 12/29/08 11:21:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2659758	4519.394	6.643342	.9565938	1920.159	.5952853	2722.259
SDev	.1770480	5.744	2.439504	.1919967	2.406	.0372974	9.338
%RSD	66.56546	.1270860	36.72104	20.07087	.1252793	6.265465	.3430272
#1	.1407839	4515.332	8.368332	.8208317	1918.458	.6216585	2715.656
#2	.3911676	4523.455	4.918352	1.092356	1921.860	.5689120	2728.862

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.203064	5.767920	102.4040	24.87051	11632.78	638.3607	3022.309
SDev	.146719	.352857	.6902	.16956	4.90	1.6064	3.718
%RSD	72.25222	6.117579	.6740386	.6817814	.0421523	.2516442	.1230302
#1	-.099319	6.017428	101.9159	24.99041	11629.31	637.2248	3019.680
#2	-.306810	5.518413	102.8921	24.75061	11636.25	639.4966	3024.939

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	334.1809	1.934996	195.2437	35.79841	22196.95	-.593783	9.037882
SDev	1.2088	.329203	.3205	.13071	47.20	3.148587	5.707175
%RSD	.3617336	17.01309	.1641453	.3651295	.2126515	530.2585	63.14727
#1	333.3261	2.167777	195.4703	35.89083	22163.57	1.632604	13.07346
#2	335.0357	1.702214	195.0171	35.70598	22230.33	-2.82017	5.002299

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.366367	22233.92	22178.49	-1.82107	1.863179	15.95333	500.8062
SDev	.399399	40.71	50.44	4.20299	1.036757	.04592	.2267
%RSD	11.86439	.1830974	.2274496	230.7975	55.64449	.2878132	.0452692
#1	3.648784	22205.13	22142.82	1.150890	2.596277	15.92086	500.9665
#2	3.083949	22262.71	22214.16	-4.79303	1.130082	15.98580	500.6459

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	727.6764	15.58466	72.87104	222.0903
SDev	4.7241	.14756	.12408	.2440
%RSD	.6491996	.9468361	.1702738	.1098877
#1	731.0168	15.48032	72.78330	221.9177
#2	724.3360	15.68900	72.95878	222.2628

Method: STL3 Sample Name: 220-7630-A-2-A Operator:
Run Time: 12/29/08 11:26:48
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.130903	22240.78	7.619586	9.538465	888.0746	1.940336	9370.232
SDev	.320560	137.37	.696770	.312420	3.9449	.075660	10.787
%RSD	244.8839	.6176397	9.144464	3.275370	.4442072	3.899347	.1151181
#1	-.357573	22337.92	7.126895	9.317552	890.8641	1.993836	9362.605
#2	.0957673	22143.65	8.112277	9.759380	885.2852	1.886836	9377.860

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.54111	27.61982	111.8227	74.98312	48594.19	6015.584	19542.53
SDev	.35022	.33333	.0232	.41864	44.24	49.798	44.53
%RSD	22.72495	1.206850	.0207450	.5583072	.0910477	.8278084	.2278749
#1	-1.78875	27.38412	111.8063	75.27914	48625.48	6050.796	19574.03
#2	-1.29347	27.85552	111.8391	74.68710	48562.91	5980.372	19511.05

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1163.107	6.459685	1758.840	225.2113	8624.346	2.816828	1.013907
SDev	.937	.020575	19.228	1.5964	15.045	2.706184	.945996
%RSD	.0805425	.3185204	1.093231	.7088339	.1744441	96.07204	93.30209
#1	1163.770	6.445136	1772.436	226.3401	8634.984	4.730390	.3449864
#2	1162.445	6.474234	1745.243	224.0825	8613.708	.9032670	1.682827

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.293359	8599.743	8636.627	1.836348	4.779733	82.59558	551.8433
SDev	7.261195	53.932	4.370	4.339971	.566296	.91695	.3088
%RSD	137.1756	.6271360	.0506030	236.3371	11.84786	1.110166	.0559498
#1	.1589184	8637.879	8633.537	4.905170	4.379301	81.94720	551.6249
#2	10.42780	8561.607	8639.718	-1.23248	5.180164	83.24397	552.0616

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3646.773	18.41204	67.52693	1850.599
SDev	10.938	1.85976	.25278	3.786
%RSD	.2999475	10.10079	.3743454	.2046071
#1	3639.038	19.72709	67.70568	1853.277
#2	3654.508	17.09699	67.34819	1847.922

Method: STL3 Sample Name: 220-7630-A-3-A Operator:
Run Time: 12/29/08 11:32:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1502580	14592.53	9.098505	5.619618	1657.592	1.378710	6062.127
SDev	.0064443	117.89	1.042902	.146884	6.447	.026079	58.765
%RSD	4.288842	.8079123	11.46234	2.613780	.3889531	1.891523	.9693871
#1	.1457011	14509.17	9.835948	5.723480	1653.033	1.360269	6020.574
#2	.1548148	14675.90	8.361062	5.515754	1662.151	1.397150	6103.681

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.09797	20.20047	114.5932	52.97648	35501.01	2645.449	12966.61
SDev	.10822	.60071	.9375	.10141	312.44	12.851	64.05
%RSD	9.856770	2.973752	.8181182	.1914272	.8800848	.4857781	.4939648
#1	-1.02144	19.77571	113.9303	52.90477	35280.08	2636.362	12921.32
#2	-1.17450	20.62524	115.2561	53.04818	35721.94	2654.536	13011.90

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	855.2376	2.065935	537.5697	175.8671	24034.09	1.923626	1.196008
SDev	6.4874	1.255085	2.3715	1.9628	247.40	.755600	.538600
%RSD	.7585487	60.75143	.4411538	1.116058	1.029367	39.27998	45.03314
#1	850.6503	1.178456	535.8928	174.4792	23859.15	1.389336	.8151600
#2	859.8249	2.953415	539.2466	177.2549	24209.02	2.457915	1.576855

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.043824	24009.02	24046.60	2.117265	1.534664	50.97121	478.0652
SDev	.970186	116.73	312.64	1.699112	1.134399	.18120	4.3694
%RSD	19.23514	.4861777	1.300133	80.25030	73.91838	.3554850	.9139751
#1	5.729849	23926.48	23825.53	.9158118	2.336805	50.84309	474.9756
#2	4.357799	24091.56	24267.67	3.318719	.7325230	51.09934	481.1548

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2788.916	19.88980	97.49394	925.9925
SDev	20.529	2.33776	.54397	5.2062
%RSD	.7360821	11.75355	.5579563	.5622286
#1	2774.400	18.23676	97.10929	922.3112
#2	2803.432	21.54285	97.87859	929.6738

Method: STL3 Sample Name: 220-7630-A-4-A Operator:
Run Time: 12/29/08 11:38:14
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.159230	17223.86	4.602197	22.18839	116.5495	1.336474	5718.430
SDev	.122567	77.39	1.252104	.00239	.5853	.073402	57.961
%RSD	76.97521	.4493078	27.20665	.0107770	.5021697	5.492209	1.013577
#1	-.245898	17169.14	5.487568	22.19008	116.1356	1.388377	5677.445
#2	-.072561	17278.58	3.716826	22.18670	116.9633	1.284571	5759.414

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.60774	30.41841	58.51450	41.98268	42792.98	3484.859	35779.53
SDev	.14633	.04561	.68782	.37331	204.53	20.883	245.65
%RSD	9.101855	.1499475	1.175470	.8892044	.4779472	.5992433	.6865518
#1	-1.50426	30.45067	58.02814	41.71871	42648.36	3470.093	35605.84
#2	-1.71121	30.38616	59.00087	42.24665	42937.61	3499.625	35953.23

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1117.097	1.774959	787.9391	319.8809	28.55975	2.512705	-.414097
SDev	7.313	.432079	4.8284	4.4823	.25241	4.285535	.880815
%RSD	.6546754	24.34302	.6127923	1.401254	.8837928	170.5546	212.7072
#1	1111.926	1.469433	784.5248	316.7114	28.73823	5.543037	-1.03693
#2	1122.268	2.080484	791.3533	323.0503	28.38127	-.517626	.2087327

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.704307	31.72063	26.98083	3.301131	.9324856	57.15732	95.64337
SDev	1.738345	2.48067	.86026	6.183292	.4843233	.12448	.21523
%RSD	25.92879	7.820369	3.188420	187.3083	51.93895	.2177841	.2250347
#1	7.933503	33.47473	26.37254	7.673379	1.274954	57.06930	95.49118
#2	5.475111	29.96653	27.58913	-1.07112	.5900173	57.24534	95.79556

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2962.052	3.234010	25.42619	974.6965
SDev	18.400	1.313773	.11103	5.6885
%RSD	.6211899	40.62366	.4366717	.5836165
#1	2949.041	4.162988	25.34768	970.6741
#2	2975.063	2.305032	25.50470	978.7189

Method: STL3 Sample Name: CCV2 Operator:
Run Time: 12/29/08 11:43:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.92546	4780.329	508.5046	487.9643	482.7454	487.9482	5010.656
SDev	.27690	21.248	2.7411	.0566	.3179	.3985	16.583
%RSD	.5231811	.4444898	.5390504	.0115908	.0658624	.0816779	.3309581
#1	52.72966	4765.305	510.4428	487.9243	482.9702	487.6664	4998.930
#2	53.12125	4795.354	506.5663	488.0043	482.5205	488.2300	5022.382

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.9827	509.9851	505.8287	485.9967	5007.291	37268.00	4839.771
SDev	.6889	1.5815	1.3582	1.7646	2.055	33.73	12.069
%RSD	.1372389	.3101063	.2685044	.3630922	.0410338	.0905172	.2493673
#1	501.4956	508.8668	504.8683	484.7489	5005.838	37244.14	4831.238
#2	502.4699	511.1033	506.7890	487.2445	5008.744	37291.85	4848.306

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.6622	508.5402	38556.41	486.5580	497.2686	496.6185	495.7958
SDev	1.4103	2.2839	8.59	1.7231	.6220	2.9872	2.3154
%RSD	.2761724	.4491002	.0222797	.3541359	.1250874	.6015007	.4670118
#1	509.6649	506.9252	38550.34	487.7764	496.8287	494.5062	494.1586
#2	511.6594	510.1551	38562.48	485.3396	497.7084	498.7307	497.4331

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	494.2990	497.9658	496.9196	496.9178	496.0181	493.4051	506.4091
SDev	.6629	.6062	.6295	4.5134	.0695	.5682	.4533
%RSD	.1341029	.1217401	.1266734	.9082736	.0140086	.1151549	.0895111
#1	494.7677	497.5372	496.4745	493.7264	496.0672	493.0033	506.0886
#2	493.8303	498.3945	497.3646	500.1092	495.9689	493.8068	506.7296

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	503.4389	492.4511	505.9191	496.1949
SDev	1.2372	2.7974	.7012	.8910
%RSD	.2457411	.5680644	.1386023	.1795718
#1	502.5641	490.4730	505.4232	495.5648
#2	504.3137	494.4292	506.4149	496.8250

Method: STL3 Sample Name: CCB2 Operator:
Run Time: 12/29/08 11:49:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.124788	-5.90778	-.233291	-.871982	-.009776	.0704735	-.227689
SDev	.011240	6.24034	1.376768	.000162	.000000	.0622287	.322001
%RSD	9.007119	105.6293	590.1503	.0185798	.0000000	88.30089	141.4213
#1	-.116840	-1.49519	.7402309	-.871867	-.009776	.0264711	-.455378
#2	-.132735	-10.3204	-1.20681	-.872096	-.009776	.1144758	-.000000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.082721	.5027170	-.304229	-.953337	11.86228	5.679411	-.165903
SDev	.080283	.1138569	.135812	.000617	2.97959	3.212744	.463893
%RSD	97.05354	22.64832	44.64140	.0647320	25.11817	56.56826	279.6165
#1	-.139490	.4222080	-.400263	-.953774	9.755395	3.407658	.1621187
#2	-.025952	.5832260	-.208196	-.952901	13.96917	7.951164	-.493926

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.299220	2.778828	-4.13934	.0252901	.9675587	-.127813	3.826458
SDev	.010097	1.604863	.96141	.6078825	1.202388	1.129663	3.246627
%RSD	3.374554	57.75322	23.22611	2403.639	124.2703	883.8415	84.84681
#1	-.292080	3.913638	-3.45952	.4551279	1.817775	-.926605	6.122170
#2	-.306360	1.644019	-4.81915	-.404548	.1173423	.6709795	1.530746

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8999607	1.043054	.9292679	-1.04557	1.709166	-.565801	-1.12513
SDev	1.334306	.629536	1.488384	1.69292	.001593	.264316	.22637
%RSD	148.2627	60.35503	160.1674	161.9131	.0931875	46.71542	20.11989
#1	1.843457	1.488203	1.981715	-2.24265	1.708040	-.378901	-.965055
#2	-.043536	.5979052	-.123179	.1515024	1.710292	-.752701	-1.28520

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-12.6896	.5413478	.0226823	-.039041
SDev	.7796	2.825938	.0080245	.199706
%RSD	6.143476	522.0190	35.37769	511.5312
#1	-12.1383	2.539588	.0283565	.1021726
#2	-13.2408	-1.45689	.0170082	-.180254

Method: STL3 Sample Name: 220-7630-A-5-A Operator:
Run Time: 12/29/08 11:55:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.200758	20951.69	11.89737	12.97180	282.3830	1.618221	39090.93
SDev	.112314	106.80	5.24917	.50972	1.4425	.113721	242.15
%RSD	55.94518	.5097476	44.12041	3.929412	.5108171	7.027537	.6194414
#1	-.280176	20876.17	8.185647	12.61137	281.3630	1.537808	38919.70
#2	-.121340	21027.21	15.60909	13.33222	283.4030	1.698634	39262.15

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.44225	25.44372	59.29580	54.43453	44069.27	3918.762	23540.42
SDev	.13677	.13823	.07296	.37328	501.01	4.819	106.08
%RSD	9.483145	.5432704	.1230383	.6857501	1.136876	.1229785	.4506226
#1	-1.53896	25.54146	59.34739	54.17058	43715.00	3915.355	23465.41
#2	-1.34554	25.34598	59.24421	54.69849	44423.54	3922.170	23615.43

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1626.569	1.905898	832.3388	218.4675	1436.821	4.767348	.6131286
SDev	14.506	.329203	1.3460	.8948	8.175	.296238	.2836799
%RSD	.8918185	17.27283	.1617106	.4095618	.5689563	6.213896	46.26760
#1	1616.312	1.673117	831.3870	217.8348	1431.041	4.976820	.4125366
#2	1636.827	2.138679	833.2905	219.1002	1442.602	4.557876	.8137206

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.545418	1433.289	1438.584	5.849560	2.598673	68.84834	196.2992
SDev	1.025015	8.575	7.975	.632840	.377976	.78702	1.7106
%RSD	28.91099	.5982958	.5543570	10.81859	14.54495	1.143121	.8714104
#1	2.820622	1427.226	1432.945	6.297045	2.331404	68.29183	195.0896
#2	4.270213	1439.353	1444.223	5.402075	2.865942	69.40485	197.5087

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3660.131	14.64773	83.47159	1171.344
SDev	21.106	1.30556	.43589	7.622
%RSD	.5766507	8.913067	.5222002	.6506931
#1	3645.207	15.57090	83.16337	1165.955
#2	3675.055	13.72456	83.77981	1176.734

Method: STL3 Sample Name: 220-7630-A-6-A Operator:
Run Time: 12/29/08 12:01:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4474173	28369.98	12.72978	12.80965	806.9305	2.026410	40550.64
SDev	.1655619	43.95	1.34851	.56923	1.0462	.035999	150.70
%RSD	37.00392	.1549115	10.59337	4.443775	.1296467	1.776515	.3716257
#1	.5644872	28401.05	11.77624	12.40714	806.1908	2.051865	40444.09
#2	.3303473	28338.90	13.68333	13.21216	807.6703	2.000954	40657.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.57980	26.41174	79.25738	256.8350	61509.27	6789.114	17616.57
SDev	.24407	.30324	.03275	.3735	73.76	.000	54.52
%RSD	15.44955	1.148111	.0413234	.1454296	.1199170	.0000000	.3094837
#1	-1.40722	26.19731	79.23423	256.5709	61457.11	6789.114	17578.02
#2	-1.75239	26.62616	79.28055	257.0991	61561.43	6789.114	17655.12

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	969.6169	5.019350	1159.799	147.5228	3310.757	5.249919	1.395606
SDev	3.1532	.123451	3.611	1.3463	16.506	1.272723	1.589129
%RSD	.3251955	2.459498	.3113150	.9126291	.4985672	24.24271	113.8666
#1	967.3873	5.106643	1162.352	146.5708	3299.086	4.349968	.2719219
#2	971.8466	4.932057	1157.246	148.4748	3322.429	6.149869	2.519290

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.346376	3306.845	3312.710	4.943822	5.861830	94.58014	1018.563
SDev	.420742	20.519	14.503	1.382796	1.052528	.59050	3.175
%RSD	4.501655	.6205022	.4377968	27.97019	17.95561	.6243364	.3117507
#1	9.048866	3292.336	3302.455	3.966037	5.117580	94.16260	1016.318
#2	9.643885	3321.354	3322.965	5.921607	6.606079	94.99769	1020.808

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4009.765	65.73644	122.8801	1732.471
SDev	6.912	3.78841	.2414	6.125
%RSD	.1723853	5.763033	.1964349	.3535134
#1	4004.878	68.41524	122.7094	1728.140
#2	4014.653	63.05762	123.0507	1736.802

Method: STL3 Sample Name: 220-7630-A-7-A Operator:
Run Time: 12/29/08 12:06:50
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.040487	13138.56	5.018305	5.206523	121.5841	1.122513	4930.509
SDev	.016766	67.61	2.289595	.213434	.1383	.099707	6.923
%RSD	41.41155	.5146199	45.62487	4.099351	.1137138	8.882493	.1404104
#1	-.052342	13186.37	3.399317	5.357444	121.6819	1.193016	4935.404
#2	-.028631	13090.75	6.637293	5.055603	121.4863	1.052009	4925.614

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.14560	15.06236	36.56193	25.07259	28542.83	2469.388	6834.836
SDev	.24245	.32154	.14643	.24915	28.50	8.032	8.799
%RSD	21.16326	2.134711	.4004938	.9937114	.0998635	.3252536	.1287394
#1	-.974165	15.28972	36.45839	24.89642	28522.67	2475.068	6841.058
#2	-1.31704	14.83500	36.66547	25.24877	28562.98	2463.709	6828.614

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1020.641	2.095033	532.3578	125.8949	16.63995	1.447453	-2.37274
SDev	2.085	.637830	3.8029	1.6499	2.04878	3.065898	.36893
%RSD	.2043068	30.44487	.7143505	1.310518	12.31242	211.8133	15.54881
#1	1019.167	2.546047	535.0468	127.0615	18.08865	-.720464	-2.63361
#2	1022.116	1.644019	529.6687	124.7282	15.19124	3.615370	-2.11186

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.653543	19.25503	15.33347	1.833433	.6733327	36.83736	63.52271
SDev	4.611981	.96018	2.59227	4.825509	.4586110	.08125	.15174
%RSD	60.25943	4.986621	16.90593	263.1953	68.11061	.2205596	.2388828
#1	4.392379	19.93398	17.16648	-1.57872	.9976196	36.89481	63.41540
#2	10.91470	18.57608	13.50046	5.245584	.3490457	36.77991	63.63000

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3131.672	3.729067	26.19960	647.9951
SDev	23.793	4.621264	.03593	.5137
%RSD	.7597384	123.9254	.1371576	.0792775
#1	3148.496	.4613406	26.22501	648.3583
#2	3114.849	6.996794	26.17419	647.6318

Method: STL3 Sample Name: 220-7630-A-9-A Operator:
Run Time: 12/29/08 12:12:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2522693	31745.85	11.13987	12.74662	841.0813	1.904542	36848.86
SDev	.3485568	99.28	.07222	.56854	2.7697	.038012	79.21
%RSD	138.1685	.3127364	.6482975	4.460321	.3293009	1.995882	.2149660
#1	.0058024	31816.06	11.08880	12.34460	839.1229	1.877663	36904.88
#2	.4987362	31675.65	11.19093	13.14864	843.0398	1.931421	36792.85

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.74202	35.05453	82.51336	143.6836	68108.09	12429.86	24021.82
SDev	.08899	.33951	.54278	.2945	80.80	32.13	73.07
%RSD	5.108299	.9685218	.6578101	.2049656	.1186401	.2584726	.3041798
#1	-1.67910	34.81446	82.12955	143.4754	68050.96	12452.58	23970.16
#2	-1.80495	35.29460	82.89716	143.8919	68165.23	12407.14	24073.49

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	950.4578	3.142549	1050.575	202.1803	2663.840	2.975757	2.570356
SDev	2.5688	.390928	4.380	.9344	3.678	4.063601	2.316091
%RSD	.2702729	12.43984	.4168870	.4621725	.1380762	136.5569	90.10781
#1	948.6413	3.418977	1053.672	201.5196	2661.240	5.849156	.9326320
#2	952.2742	2.866122	1047.478	202.8411	2666.441	.1023570	4.208080

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.08437	2652.878	2669.312	1.750046	5.429657	115.6228	567.3141
SDev	.22317	9.312	10.164	6.030263	.124088	1.2561	.5292
%RSD	2.013333	.3510029	.3807581	344.5773	2.285382	1.086375	.0932754
#1	10.92657	2659.462	2662.126	6.014086	5.517401	114.7346	566.9399
#2	11.24217	2646.294	2676.499	-2.51399	5.341913	116.5110	567.6883

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2927.244	17.46774	116.3898	2360.007
SDev	2.086	.64191	.0337	3.431
%RSD	.0712769	3.674804	.0289741	.1453628
#1	2928.719	17.92164	116.3660	2357.581
#2	2925.769	17.01385	116.4137	2362.433

Method: STL3 Sample Name: 220-7630-A-10-A Operator:
Run Time: 12/29/08 12:18:16
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.690398	20497.92	11.83392	7.615791	420.2213	1.253571	H297524.2
SDev	.006074	95.12	2.06442	.099583	2.6729	.075645	2412.3
%RSD	.3593109	.4640657	17.44491	1.307589	.6360658	6.034354	.8107894
#1	1.686103	20430.66	10.37415	7.545375	418.3313	1.200082	H295818.5
#2	1.694692	20565.18	13.29368	7.686207	422.1114	1.307060	H299230.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.00053	18.81278	122.8838	124.4475	49759.52	3425.794	14273.58
SDev	.09837	.24886	1.2094	.7133	359.16	1.606	85.15
%RSD	9.831506	1.322799	.9841600	.5731475	.7217870	.0468900	.5965453
#1	-1.07009	18.98875	122.0286	123.9431	49505.56	3424.658	14213.37
#2	-.930976	18.63681	123.7390	124.9518	50013.48	3426.929	14333.79

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	981.0679	8.918439	1259.869	108.2724	3861.245	2.146994	1.522437
SDev	5.6110	.946458	5.405	1.2549	31.306	.137681	.488057
%RSD	.5719255	10.61237	.4290321	1.159026	.8107760	6.412714	32.05764
#1	977.1003	9.587686	1256.046	107.3851	3839.108	2.244349	1.177328
#2	985.0355	8.249192	1263.691	109.1598	3883.381	2.049640	1.867545

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.899162	3834.352	3874.670	1.867093	2.706436	61.96535	358.7622
SDev	3.245485	12.396	40.746	.630585	1.676519	.18230	4.8983
%RSD	55.01604	.3233001	1.051608	33.77364	61.94564	.2942026	1.365328
#1	3.604258	3825.587	3845.858	1.421202	3.891914	61.83644	355.2986
#2	8.194067	3843.118	3903.482	2.312984	1.520958	62.09426	362.2258

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3447.532	28.09425	197.8642	1075.639
SDev	11.259	1.21897	.7311	4.197
%RSD	.3265710	4.338865	.3694809	.3901929
#1	3439.571	27.23231	197.3473	1072.671
#2	3455.493	28.95620	198.3812	1078.606

Method: STL3 Sample Name: 220-7630-A-12-A Operator:
Run Time: 12/29/08 12:23:59
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.001386	11367.68	1.533309	5.000191	106.8908	.9165293	5082.720
SDev	.199895	51.29	2.174717	.059081	.9263	.0009279	53.130
%RSD	14423.97	.4511803	141.8316	1.181577	.8665780	.1012366	1.045307
#1	-.142733	11331.41	3.071066	5.041967	106.2358	.9158732	5045.151
#2	.1399613	11403.94	-.004448	4.958414	107.5458	.9171854	5120.288

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.31833	12.03229	29.26793	21.89505	24367.27	2137.713	8378.185
SDev	.43737	.16131	.41608	.12477	208.85	4.819	69.392
%RSD	33.17598	1.340653	1.421607	.5698463	.8571007	.2254308	.8282434
#1	-1.00907	11.91822	28.97372	21.80683	24219.58	2134.306	8329.117
#2	-1.62760	12.14635	29.56214	21.98328	24514.94	2141.121	8427.252

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	721.8063	3.186196	447.3201	56.72343	106.3391	1.037547	-.734979
SDev	7.7164	.658405	.1923	.90871	.1123	.957419	.579989
%RSD	1.069036	20.66431	.0429876	1.602006	.1055632	92.27717	78.91224
#1	716.3500	3.651759	447.1842	56.08088	106.4185	.3605496	-1.14509
#2	727.2626	2.720633	447.4561	57.36599	106.2597	1.714545	-.324865

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.363528	109.3819	104.8192	.8503169	1.411469	32.05216	62.39893
SDev	.666743	.5758	.1192	.5095589	1.854626	.21218	1.19868
%RSD	19.82272	.5263906	.1136817	59.92575	131.3969	.6619753	1.921000
#1	2.892070	109.7890	104.7349	.4900044	.1000500	31.90213	61.55134
#2	3.834987	108.9747	104.9034	1.210630	2.722888	32.20219	63.24653

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2891.098	2.455991	22.92800	592.3810
SDev	26.544	.156221	.15924	4.1263
%RSD	.9181210	6.360827	.6945083	.6965668
#1	2872.329	2.345526	22.81540	589.4632
#2	2909.867	2.566456	23.04060	595.2987

Method: STL3 Sample Name: 220-7630-A-13-A Operator:
Run Time: 12/29/08 12:29:42
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9643615	29420.26	50.67105	8.013186	4963.037	2.979435	13497.11
SDev	.0324217	149.34	.37340	.011660	19.439	.112247	18.19
%RSD	3.361988	.5075967	.7369063	.1455124	.3916660	3.767398	.1347955
#1	.9872871	29525.86	50.93508	8.004941	4976.782	2.900065	13509.98
#2	.9414359	29314.66	50.40702	8.021431	4949.292	3.058806	13484.25

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.16579	39.60903	289.6436	293.7870	73990.79	4303.823	10820.25
SDev	.46572	.35151	1.6786	.1247	84.34	9.638	26.40
%RSD	39.94877	.8874392	.5795330	.0424478	.1139933	.2239434	.2440043
#1	-.836479	39.36048	290.8305	293.8752	73931.15	4310.639	10838.92
#2	-1.49511	39.85758	288.4566	293.6988	74050.43	4297.008	10801.58

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1765.387	4.684727	654.8005	84.27818	75467.86	4.456158	4.012632
SDev	5.722	.473229	5.1916	.48793	133.31	1.681644	.587572
%RSD	.3241083	10.10153	.7928532	.5789482	.1766397	37.73753	14.64307
#1	1761.341	4.350103	658.4716	84.62319	75373.59	5.645259	3.597156
#2	1769.432	5.019350	651.1295	83.93316	75562.12	3.267056	4.428109

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.10727	75190.89	75606.12	2.909073	7.553771	95.24219	1597.050
SDev	6.64824	10.76	194.49	1.905456	1.233346	.36746	1.440
%RSD	50.72178	.0143046	.2572451	65.50046	16.32756	.3858177	.0901514
#1	17.80829	75183.29	75468.60	4.256434	8.425878	95.50202	1598.068
#2	8.406254	75198.50	75743.66	1.561712	6.681663	94.98235	1596.032

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3686.103	232.8121	237.6779	1206.812
SDev	6.082	2.0579	.3043	.711
%RSD	.1649995	.8839408	.1280300	.0589005
#1	3690.404	234.2672	237.8931	1206.309
#2	3681.802	231.3569	237.4627	1207.314

Method: STL3 Sample Name: 22-=7630-A-15-A Operator:
Run Time: 12/29/08 12:35:24
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.131991	14145.36	3.504572	11.05997	94.30255	1.132622	5378.602
SDev	.209956	55.02	2.735083	.16951	.52537	.135947	31.395
%RSD	159.0687	.3889885	78.04327	1.532667	.5571078	12.00284	.5837042
#1	.0164705	14106.45	1.570577	10.94011	93.93106	1.228751	5356.403
#2	-.280452	14184.27	5.438568	11.17984	94.67404	1.036493	5400.802

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.60871	23.48385	49.22563	38.13285	36552.52	2816.966	25667.03
SDev	.07990	.01582	.11239	.45273	30.92	24.095	130.11
%RSD	4.966411	.0673492	.2283211	1.187248	.0846039	.8553705	.5069327
#1	-1.66521	23.47266	49.14616	37.81272	36530.66	2799.927	25575.02
#2	-1.55222	23.49503	49.30511	38.45298	36574.39	2834.004	25759.03

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1012.978	2.356912	590.9883	274.6865	21.00330	2.809382	-.305584
SDev	1.763	.390928	6.0889	1.4549	.55928	1.300950	.832041
%RSD	.1740304	16.58645	1.030293	.5296706	2.662826	46.30733	272.2785
#1	1011.732	2.633340	586.6828	273.6577	21.39877	3.729293	.2827572
#2	1014.225	2.080484	595.2938	275.7153	20.60783	1.889472	-.893926

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.186296	21.78031	20.61477	3.822247	.7796116	49.75854	87.10403
SDev	1.543773	.89102	.39366	2.606636	1.314342	.15371	.75378
%RSD	21.48218	4.090953	1.909600	68.19643	168.5894	.3089034	.8653819
#1	6.094684	22.41035	20.89313	5.665417	-.149769	49.86723	86.57103
#2	8.277908	21.15026	20.33641	1.979077	1.708992	49.64986	87.63704

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2864.463	4.152763	23.81755	888.9405
SDev	2.250	.229814	.09555	4.2773
%RSD	.0785464	5.534014	.4011915	.4811728
#1	2862.873	4.315266	23.74998	885.9159
#2	2866.054	3.990259	23.88511	891.9650

Method: STL3 Sample Name: 220-7630-A-17-A Operator:
Run Time: 12/29/08 12:41:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0311736	18489.26	6.903458	8.170445	179.6438	1.498134	9829.711
SDev	.0602077	118.29	.042214	.105878	.1889	.013779	105.456
%RSD	193.1366	.6397983	.6114947	1.295869	.1051789	.9197490	1.072825
#1	.0737469	18405.62	6.933308	8.245313	179.5102	1.488390	9755.143
#2	-.011400	18572.91	6.873608	8.095578	179.7774	1.507877	9904.279

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.79642	25.96098	53.89603	52.92244	44446.94	3320.157	20174.43
SDev	.33745	1.00628	.19051	.11317	294.51	28.915	94.42
%RSD	18.78430	3.876127	.3534752	.2138451	.6626164	.8708791	.4680292
#1	-2.03503	25.24943	53.76133	52.84242	44238.69	3299.712	20107.66
#2	-1.55781	26.67253	54.03075	53.00247	44655.20	3340.603	20241.20

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	914.2397	1.556726	528.8228	199.9392	499.7080	1.604691	-.308292
SDev	5.2886	.082301	5.2130	.1440	3.4307	2.766399	2.023910
%RSD	.5784727	5.286779	.9857690	.0720100	.6865500	172.3945	656.4918
#1	910.5001	1.498530	525.1366	200.0411	497.2821	3.560831	-1.73941
#2	917.9793	1.614921	532.5089	199.8374	502.1339	-.351448	1.122829

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.323945	499.6689	499.7265	.8485758	3.117892	69.03736	213.0487
SDev	3.043600	1.0449	5.6651	3.282170	1.733169	.44116	3.0077
%RSD	48.12819	.2091156	1.133635	386.7857	55.58783	.6390234	1.411751
#1	8.476095	500.4077	495.7207	3.169420	4.343428	68.72541	210.9219
#2	4.171795	498.9300	503.7323	-1.47227	1.892357	69.34931	215.1755

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2637.111	13.84570	39.32057	1032.058
SDev	28.316	1.89678	.23030	5.972
%RSD	1.073759	13.69941	.5856946	.5786242
#1	2617.088	12.50447	39.15773	1027.835
#2	2657.133	15.18692	39.48342	1036.281

Method: STL3 Sample Name: 220-7630-A-19-A Operator:
Run Time: 12/29/08 12:46:50
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0785427	13766.50	4.212570	9.114479	93.03819	1.414192	5534.798
SDev	.0264479	85.75	.377524	.061976	.35946	.001341	48.462
%RSD	33.67332	.6229027	8.961858	.6799741	.3863582	.0948026	.8755816
#1	.0972442	13705.86	4.479520	9.070656	92.78401	1.413244	5500.530
#2	.0598412	13827.13	3.945620	9.158303	93.29237	1.415140	5569.065

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.65126	22.70074	43.54430	37.60402	34190.19	2207.001	21237.60
SDev	.07095	.51011	.72101	.11336	346.36	12.851	54.79
%RSD	4.296670	2.247103	1.655800	.3014666	1.013025	.5822680	.2579975
#1	-1.60109	22.34004	43.03447	37.68418	33945.28	2197.915	21198.86
#2	-1.70142	23.06144	44.05413	37.52386	34435.10	2216.088	21276.35

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	971.7134	2.342363	519.8643	203.8220	24.23841	.6599338	-1.77338
SDev	9.5497	.576105	2.2861	1.1045	.08440	4.505099	.67389
%RSD	.9827732	24.59502	.4397410	.5419042	.3482142	682.6592	38.00024
#1	964.9607	1.934996	518.2477	203.0410	24.29810	3.845520	-2.24989
#2	978.4661	2.749731	521.4807	204.6030	24.17873	-2.52565	-1.29687

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.325684	25.45587	23.63005	.6927059	.5929899	42.18255	80.95738
SDev	.225556	.38739	.32001	5.383058	2.746687	.09925	.50960
%RSD	3.565719	1.521792	1.354267	777.1058	463.1928	.2352823	.6294643
#1	6.485176	25.18195	23.85633	4.499103	2.535191	42.11237	80.59705
#2	6.166192	25.72980	23.40376	-3.11369	-1.34921	42.25273	81.31773

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2991.425	1.342926	24.37837	770.2432
SDev	17.495	.190466	.14731	5.8722
%RSD	.5848391	14.18294	.6042554	.7623845
#1	2979.054	1.208246	24.27421	766.0909
#2	3003.796	1.477606	24.48253	774.3954

Method: STL3 Sample Name: CCV3 Operator:
Run Time: 12/29/08 12:52:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.92095	4783.300	509.0261	487.9528	479.8093	489.3913	5015.665
SDev	.27091	25.244	2.5055	2.3801	.7373	3.0623	48.461
%RSD	.5119052	.5277569	.4922092	.4877634	.1536734	.6257325	.9661926
#1	52.72939	4765.450	507.2544	486.2698	479.2879	487.2260	4981.398
#2	53.11251	4801.150	510.7977	489.6357	480.3307	491.5567	5049.932

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500.3273	510.5428	506.8061	485.1495	4984.226	37472.46	4849.924
SDev	.4297	3.4799	3.4646	.2263	2.993	20.88	8.352
%RSD	.0858851	.6816125	.6836194	.0466412	.0600518	.0557256	.1722090
#1	500.0235	508.0822	504.3562	485.3095	4982.109	37457.69	4844.019
#2	500.6312	513.0035	509.2559	484.9895	4986.342	37487.22	4855.830

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	508.3900	506.3433	38895.97	485.0361	495.7959	489.6422	491.3187
SDev	.4938	.3704	78.77	2.8001	1.9437	3.6032	2.6545
%RSD	.0971337	.0731490	.2025161	.5773004	.3920454	.7358855	.5402761
#1	508.0408	506.0814	38840.27	483.0561	494.4215	492.1901	489.4416
#2	508.7392	506.6052	38951.67	487.0161	497.1703	487.0944	493.1957

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491.0859	493.2316	497.0756	489.0890	490.7493	494.7473	504.1649
SDev	8.1311	1.6847	2.0731	7.2188	3.6388	2.5772	4.2398
%RSD	1.655739	.3415567	.4170532	1.475964	.7414851	.5209128	.8409579
#1	496.8355	492.0403	495.6097	494.1934	488.1763	492.9250	501.1668
#2	485.3364	494.4228	498.5414	483.9846	493.3224	496.5697	507.1628

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	525.7369	492.1152	505.9530	494.1651
SDev	4.7586	1.0895	.1153	.3664
%RSD	.9051212	.2213892	.0227797	.0741482
#1	529.1017	492.8856	505.8715	494.4242
#2	522.3721	491.3449	506.0345	493.9060

Method: STL3 Sample Name: CCB3 Operator:
Run Time: 12/29/08 12:58:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.245939	1.074006	-2.83879	-1.19848	.0130347	.0528639	2.390744
SDev	.149535	8.665292	1.73504	.11693	.0138254	.0123840	.483004
%RSD	60.80145	806.8198	61.11906	9.756813	106.0660	23.42629	20.20310
#1	-.140202	-5.05328	-4.06565	-1.11579	.0228107	.0441070	2.049208
#2	-.351676	7.201293	-1.61193	-1.28116	.0032587	.0616207	2.732279

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.193284	.3589963	-.192154	-1.15352	12.25430	4.543519	1.965761
SDev	.206855	.2591202	.203791	.03323	10.56138	1.606350	1.159765
%RSD	107.0215	72.17908	106.0560	2.880943	86.18515	35.35474	58.99827
#1	-.047015	.1757706	-.336256	-1.13002	4.786271	5.679379	1.145683
#2	-.339553	.5422220	-.048052	-1.17702	19.72232	3.407658	2.785838

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.327711	3.288038	-5.16662	.2091771	-1.41126	-1.06419	4.459465
SDev	.030239	1.913490	1.04686	.5653113	.43303	2.74039	.622437
%RSD	9.227320	58.19552	20.26209	270.2549	30.68356	257.5088	13.95766
#1	-.349093	4.641080	-4.42637	-.190558	-1.71746	.8735563	4.899594
#2	-.306329	1.934996	-5.90686	.6089125	-1.10507	-3.00194	4.019335

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.749286	-.498273	-1.86767	-2.09121	.9916263	-.542954	-.697386
SDev	4.667204	1.155928	.07212	3.01535	2.189500	.202452	.075465
%RSD	266.8063	231.9868	3.861276	144.1917	220.7989	37.28721	10.82113
#1	5.049497	-1.31564	-1.91867	.0409655	2.539837	-.686109	-.644024
#2	-1.55093	.3190915	-1.81668	-4.22339	-.556584	-.399799	-.750748

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-10.9188	3.080618	.0197927	-.046942
SDev	.3219	4.709633	.0039987	.203453
%RSD	2.947678	152.8795	20.20304	433.4157
#1	-10.6912	6.410832	.0169651	.0969213
#2	-11.1464	-.249595	.0226202	-.190805

Method: STL3 Sample Name: 220-7630-A-20-A Operator:
Run Time: 12/29/08 13:06:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.645442	21649.02	276.0500	9.887332	16550.04	10.71184	35813.67
SDev	.104781	127.07	1.4662	.275783	30.61	.05002	256.48
%RSD	2.874300	.5869327	.5311427	2.789260	.1849708	.4669779	.7161381
#1	3.719533	21559.17	277.0868	9.692324	16528.40	10.67647	35632.32
#2	3.571351	21738.87	275.0132	10.08234	16571.69	10.74721	35995.03

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.285325	26.62162	1461.463	279.8024	45130.05	2990.754	4406.512
SDev	.055703	.22577	10.948	.7921	95.16	25.702	23.668
%RSD	4.333789	.8480635	.7490997	.2830798	.2108475	.8593826	.5371233
#1	1.245937	26.46197	1453.721	279.2423	45062.76	2972.580	4389.775
#2	1.324714	26.78126	1469.204	280.3624	45197.33	3008.928	4423.248

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1330.111	12.06099	2336.791	63.69097	k133218.1	8.059153	26.46062
SDev	2.095	.45265	13.695	.28471	1.5	3.205344	2.16002
%RSD	.1575246	3.753041	.5860534	.4470142	.0011030	39.77272	8.163135
#1	1328.630	11.74091	2327.107	63.89229	k133219.2	5.792632	27.98798
#2	1331.593	12.38106	2346.474	63.48965	k133217.1	10.32567	24.93325

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.996183	S121194.4	S139221.0	7.690074	8.797417	117.2094	2983.305
SDev	.977411	1.0	1.7	5.546590	1.484180	.3991	22.473
%RSD	12.22347	.0007840	.0012460	72.12662	16.87063	.3405398	.7532833
#1	8.687317	S121195.1	S139222.2	3.768043	9.846890	116.9272	2967.414
#2	7.305049	S121193.7	S139219.8	11.61210	7.747943	117.4917	2999.196

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2579.651	112.0102	770.7330	656.0270
SDev	22.661	5.8020	1.4619	1.1420
%RSD	.8784487	5.179845	.1896715	.1740737
#1	2563.627	107.9076	769.6993	655.2195
#2	2595.674	116.1128	771.7667	656.8345

Method: STL3 Sample Name: 220-7630-A-22-A Operator:
Run Time: 12/29/08 13:12:35
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.143571	17271.43	4.582578	7.801445	145.6461	1.230574	6496.332
SDev	.105258	40.58	.445008	.581687	.8295	.025645	60.053
%RSD	73.31432	.2349380	9.710859	7.456142	.5695487	2.084008	.9244189
#1	-.218000	17242.74	4.267910	7.390130	145.0595	1.212440	6453.868
#2	-.069142	17300.13	4.897245	8.212760	146.2327	1.248708	6538.796

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.87912	24.33785	53.89610	42.49448	41650.62	3122.515	16311.67
SDev	.13565	.19464	.80350	.14694	137.77	9.638	88.83
%RSD	7.219000	.7997373	1.490838	.3457879	.3307683	.3086766	.5445938
#1	-1.97504	24.20022	53.32794	42.39057	41553.20	3115.700	16248.86
#2	-1.78320	24.47548	54.46427	42.59838	41748.04	3129.331	16374.49

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	425.0180	1.934996	876.5570	260.5960	94.45253	2.834951	.4397788
SDev	1.5111	.864157	.8973	2.5290	5.21275	.751884	1.431078
%RSD	.3555490	44.65937	.1023671	.9704819	5.518910	26.52195	325.4085
#1	423.9494	1.323945	875.9226	258.8077	98.13850	2.303289	1.451704
#2	426.0865	2.546047	877.1915	262.3843	90.76656	3.366614	-.572146

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.850348	91.43348	95.95898	1.974034	4.558170	54.53822	151.2239
SDev	10.16739	2.85147	6.39161	.489870	1.276700	1.66431	1.8086
%RSD	173.7912	3.118632	6.660778	24.81569	28.00905	3.051636	1.195971
#1	13.03978	93.44978	100.4785	1.627644	3.655407	53.36138	149.9451
#2	-1.33908	89.41718	91.43943	2.320425	5.460934	55.71507	152.5028

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3367.021	4.672514	32.62982	1048.973
SDev	9.655	2.612281	.08293	3.967
%RSD	.2867483	55.90739	.2541421	.3781987
#1	3360.194	6.519675	32.57118	1046.168
#2	3373.848	2.825353	32.68846	1051.779

Method: STL3 Sample Name: 220-7630-A-23-A Operator:
Run Time: 12/29/08 13:18:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0071511	23878.48	22.21381	8.264531	551.8128	1.717256	19274.28
SDev	.1756289	200.21	1.00261	.060143	2.3318	.054255	200.13
%RSD	2455.967	.8384623	4.513451	.7277187	.4225794	3.159384	1.038301
#1	.1313395	23736.91	22.92276	8.222004	550.1639	1.678892	19132.78
#2	-.117037	24020.05	21.50486	8.307058	553.4617	1.755620	19415.79

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.01918	19.68341	63.03227	73.86366	48916.76	3237.239	9387.963
SDev	.01610	.52783	.98047	.14716	570.40	33.734	56.426
%RSD	.7974911	2.681596	1.555499	.1992309	1.166063	1.042055	.6010494
#1	-2.00780	19.31018	62.33898	73.96772	48513.43	3213.385	9348.064
#2	-2.03057	20.05664	63.72557	73.75960	49320.09	3261.092	9427.862

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	814.9097	4.044578	502.4307	63.98550	3045.973	1.845161	.6518259
SDev	11.0407	.390928	4.9352	.03606	25.312	2.502320	.0528653
%RSD	1.354836	9.665485	.9822655	.0563589	.8309888	135.6152	8.110340
#1	807.1028	3.768150	498.9410	63.96000	3028.075	.0757542	.6144445
#2	822.7167	4.321005	505.9204	64.01100	3063.871	3.614568	.6892073

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.184078	3030.852	3053.521	.4504894	4.637692	84.43639	462.5456
SDev	5.501461	19.574	28.176	4.156105	.810219	.83419	6.2450
%RSD	106.1223	.6458380	.9227445	922.5757	17.47030	.9879469	1.350136
#1	9.074198	3017.011	3033.598	-2.48832	5.210604	83.84653	458.1297
#2	1.293958	3044.693	3073.445	3.389300	4.064781	85.02625	466.9615

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5080.708	12.60015	79.02908	1646.986
SDev	39.099	2.00684	.72541	19.738
%RSD	.7695594	15.92715	.9178975	1.198408
#1	5053.061	11.18110	78.51614	1633.029
#2	5108.355	14.01921	79.54202	1660.943

Method: STL3 Sample Name: MB 220-23210/1-A Operator:
Run Time: 12/29/08 13:24:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.015483	-3.70039	-3.37774	-2.96720	.1205707	-.096591	-2.16305
SDev	.221308	4.32517	2.14748	.15251	.0092169	.074519	.48300
%RSD	1429.396	116.8841	63.57744	5.140022	7.644388	77.14943	22.32971
#1	-.171971	-6.75875	-1.85924	-2.85935	.1140533	-.149284	-1.82152
#2	.1410059	-.642035	-4.89623	-3.07504	.1270880	-.043898	-2.50459

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.010483	.0205711	.1600428	-.672572	18.41352	-5.67932	4.098337
SDev	.206451	.2001277	.2036484	.056928	11.65404	3.21274	1.391809
%RSD	1969.345	972.8595	127.2462	8.464294	63.29066	56.56914	33.96034
#1	-.156466	.1620827	.3040440	-.632317	26.65417	-7.95108	3.114179
#2	.1354998	-.120941	.0160417	-.712826	10.17287	-3.40757	5.082494

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.213725	1.178456	10.40877	.1526005	1.928593	.7582440	-1.15598
SDev	.050397	1.111059	.12819	.0974445	1.814679	.4979308	1.34490
%RSD	23.58004	94.28092	1.231556	63.85597	94.09340	65.66894	116.3427
#1	-.249361	.3928184	10.49941	.2215042	3.211765	1.110334	-2.10697
#2	-.178090	1.964093	10.31812	.0836968	.6454216	.4061538	-.204993

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.845580	1.951525	1.916545	2.022940	-1.77615	-.355430	-1.28498
SDev	3.672931	2.277802	1.583464	.778750	.06455	.333610	.45411
%RSD	434.3683	116.7191	82.62077	38.49594	3.634312	93.86118	35.34014
#1	1.751574	3.562174	3.036224	2.573600	-1.82179	-.591328	-.963872
#2	-3.44273	.3408750	.7968669	1.472281	-1.73050	-.119531	-1.60609

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10.54518	3.456517	-.076491	.9098662
SDev	6.96563	.177589	.003999	.6323388
%RSD	66.05513	5.137810	5.227675	69.49799
#1	15.47062	3.582092	-.073664	1.356997
#2	5.619732	3.330943	-.079319	.4627352

Method: STL3 Sample Name: LCS 220-23210/2-A Operator:
Run Time: 12/29/08 13:29:45
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	329.4000	6067.870	1066.097	1084.361	305.9855	109.2993	32331.27
SDev	.9361	38.213	3.445	5.504	1.7144	.9221	267.58
%RSD	.2841849	.6297616	.3231565	.5076106	.5602744	.8436176	.8276300
#1	328.7381	6040.849	1063.660	1080.469	304.7733	108.6473	32142.06
#2	330.0619	6094.891	1068.533	1088.253	307.1977	109.9513	32520.48

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	318.5067	322.0165	325.8608	309.2050	26219.47	20852.36	15817.24
SDev	1.0565	1.5089	2.4230	1.1265	138.46	165.45	64.01
%RSD	.3317162	.4685860	.7435682	.3643138	.5280980	.7934579	.4047097
#1	317.7596	320.9496	324.1475	308.4085	26121.56	20735.37	15771.97
#2	319.2538	323.0835	327.5741	310.0016	26317.38	20969.35	15862.50

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	218.0666	1098.292	32325.34	313.0903	1067.285	554.7057	1092.432
SDev	.8767	14.094	180.77	3.0535	1.279	2.2552	3.226
%RSD	.4020272	1.283271	.5592059	.9752772	.1197921	.4065575	.2953441
#1	217.4466	1088.326	32197.52	310.9311	1066.381	553.1111	1090.151
#2	218.6865	1108.258	32453.16	315.2494	1068.189	556.3004	1094.714

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1062.533	1063.957	1068.946	555.2083	553.6980	321.9269	321.3107
SDev	7.587	.422	2.127	.9752	4.8190	3.0899	3.0164
%RSD	.7140794	.0396229	.1990069	.1756392	.8703260	.9598147	.9387808
#1	1057.168	1064.255	1067.442	554.5187	550.2905	319.7420	319.1778
#2	1067.898	1063.659	1070.450	555.8978	557.1055	324.1118	323.4436

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1043.914	1108.663	-.579742	1090.155
SDev	5.815	11.635	.009628	4.793
%RSD	.5570288	1.049484	1.660757	.4396779
#1	1039.802	1100.436	-.572934	1086.765
#2	1048.025	1116.890	-.586550	1093.544

Method: STL3 Sample Name: 220-7630-A-26-A Operator:
Run Time: 12/29/08 13:35:28
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	264.5745	29185.75	14.29247	13.99936	1011.249	1.917411	58613.62
SDev	.0823	27.60	2.79206	1.10526	3.212	.087332	78.73
%RSD	.0311159	.0945736	19.53520	7.895098	.3176374	4.554709	.1343236
#1	264.5162	29205.27	12.31818	14.78090	1008.978	1.979164	58557.94
#2	264.6327	29166.24	16.26675	13.21782	1013.520	1.855658	58669.29

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.09128	26.96413	64.46918	147.8487	56030.09	4550.308	17720.82
SDev	.03570	.25687	.28379	.1484	120.99	8.032	19.70
%RSD	3.271391	.9526228	.4402000	.1004021	.2159422	.1765143	.1111740
#1	-1.06604	26.78250	64.26850	147.7438	56115.64	4544.628	17706.89
#2	-1.11652	27.14577	64.66985	147.9537	55944.54	4555.987	17734.75

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	910.8946	8.612913	1526.433	127.1973	1169.830	2.866954	2.861627
SDev	1.8435	3.682955	1.325	1.9560	3.384	3.488526	1.848591
%RSD	.2023845	42.76086	.0867786	1.537745	.2892549	121.6806	64.59930
#1	912.1982	11.21716	1527.369	125.8142	1167.437	.4001939	4.168778
#2	909.5911	6.008671	1525.496	128.5804	1172.222	5.333715	1.554475

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.452169	1161.614	1173.930	2.027844	4.546493	99.31024	686.4093
SDev	1.372239	2.588	3.781	5.815728	1.172868	.25958	1.7492
%RSD	16.23535	.2227593	.3221041	286.7937	25.79720	.2613843	.2548284
#1	9.422489	1159.784	1171.257	-2.08450	5.375835	99.49380	685.1724
#2	7.481850	1163.444	1176.604	6.140185	3.717150	99.12669	687.6461

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3607.892	62.27477	254.2914	1643.369
SDev	8.770	.15068	.0217	.917
%RSD	.2430770	.2419589	.0085327	.0558175
#1	3601.690	62.38132	254.3067	1644.018
#2	3614.093	62.16822	254.2761	1642.720

Method: STL3 Sample Name: 220-7630-A-27-A Operator:
Run Time: 12/29/08 13:41:11
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4447537	13806.75	5.943531	11.87452	257.6888	1.033776	14648.77
SDev	.1157269	79.59	2.341465	1.12232	1.8388	.024576	23.99
%RSD	26.02045	.5764738	39.39519	9.451496	.7135592	2.377271	.1637670
#1	.3629224	13863.03	7.599196	12.66812	258.9890	1.016398	14665.73
#2	.5265850	13750.48	4.287865	11.08091	256.3886	1.051154	14631.80

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.61657	17.97131	38.25555	52.99188	32355.62	2670.438	14098.89
SDev	.13640	.34614	.01036	.57703	117.97	3.213	80.96
%RSD	8.437641	1.926060	.0270899	1.088908	.3645984	.1203129	.5742268
#1	-1.71302	18.21607	38.26288	53.39990	32439.03	2668.166	14156.13
#2	-1.52012	17.72656	38.24822	52.58385	32272.20	2672.710	14041.64

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	897.0642	3.462624	665.3453	151.3722	596.9443	2.001306	-1.01065
SDev	3.3848	.349778	3.9952	2.5953	1.9354	1.030428	.66645
%RSD	.3773177	10.10153	.6004658	1.714492	.3242240	51.48780	65.94308
#1	899.4576	3.709954	668.1703	153.2073	598.3129	1.272683	-.539394
#2	894.6708	3.215294	662.5203	149.5371	595.5758	2.729929	-1.48190

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.138751	594.9534	597.9374	1.913887	2.175406	49.79009	190.2828
SDev	2.776794	.8596	2.4725	1.340071	.410214	.81827	.2188
%RSD	38.89748	.1444867	.4134976	70.01828	18.85691	1.643438	.1149879
#1	9.102241	595.5613	599.6857	.9663137	1.885341	50.36870	190.4375
#2	5.175261	594.3456	596.1892	2.861460	2.465471	49.21149	190.1281

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3214.985	8.463957	59.66886	803.6623
SDev	4.227	1.240711	.08769	1.7631
%RSD	.1314759	14.65876	.1469651	.2193785
#1	3217.974	9.341272	59.73087	804.9091
#2	3211.997	7.586642	59.60685	802.4157

Method: STL3 Sample Name: 220-7630-A-28-A Operator:
Run Time: 12/29/08 13:46:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9188917	19973.85	11.93147	6.766417	547.5179	1.124189	23599.14
SDev	.1551697	42.91	2.86163	.151874	.3871	.111701	155.85
%RSD	16.88661	.2148367	23.98392	2.244526	.0707065	9.936132	.6604028
#1	.8091701	19943.51	9.907991	6.873807	547.2441	1.203174	23488.94
#2	1.028613	20004.19	13.95495	6.659025	547.7916	1.045205	23709.34

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.06813	18.65425	60.88510	82.36821	57551.50	2513.687	10796.59
SDev	.12885	.40367	.51979	.31686	170.58	6.425	47.56
%RSD	6.230490	2.163941	.8537207	.3846914	.2963975	.2556173	.4405336
#1	-1.97702	18.36881	60.51755	82.14415	57430.88	2509.144	10762.95
#2	-2.15925	18.93969	61.25264	82.59226	57672.12	2518.231	10830.22

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	911.9672	3.375331	527.2364	82.12807	1773.499	2.693796	1.401401
SDev	3.1632	.061725	1.6023	1.01861	8.326	1.221252	.889126
%RSD	.3468600	1.828722	.3039132	1.240268	.4694495	45.33573	63.44547
#1	909.7304	3.331684	526.1034	81.40780	1767.612	1.830241	.7726946
#2	914.2039	3.418977	528.3695	82.84833	1779.386	3.557352	2.030108

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.736791	1763.278	1778.601	1.899478	4.283617	65.36578	479.2901
SDev	.188108	2.742	13.851	.937700	1.789208	.88872	5.7407
%RSD	2.792256	.1554925	.7787674	49.36617	41.76864	1.359606	1.197744
#1	6.603778	1765.217	1768.806	1.236424	3.018455	64.73736	475.2309
#2	6.869803	1761.339	1788.395	2.562532	5.548779	65.99419	483.3494

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3594.533	15.09044	76.50608	1088.712
SDev	19.298	3.64430	.07691	1.890
%RSD	.5368615	24.14974	.1005256	.1735671
#1	3580.887	17.66736	76.45170	1087.376
#2	3608.178	12.51353	76.56046	1090.048

Method: STL3 Sample Name: 220-7630-A-29-A Operator:
Run Time: 12/29/08 13:52:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.198339	14139.67	5.677802	3.589158	101.7714	1.158471	5315.305
SDev	.028627	64.07	2.305572	.255171	.4055	.123177	58.443
%RSD	14.43321	.4531258	40.60677	7.109491	.3984843	10.63273	1.099530
#1	-.218581	14094.37	4.047516	3.408725	101.4847	1.245570	5273.979
#2	-.178097	14184.98	7.308088	3.769591	102.0582	1.071372	5356.630

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.63299	21.75309	43.70168	29.69891	33878.66	2413.731	9767.935
SDev	.15752	.77332	.88031	.06762	339.28	9.638	36.228
%RSD	9.646045	3.555001	2.014361	.2276842	1.001444	.3993114	.3708888
#1	-1.74437	21.20627	43.07920	29.65110	33638.76	2406.915	9742.317
#2	-1.52161	22.29991	44.32415	29.74673	34118.57	2420.546	9793.552

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	816.4380	2.007740	453.7104	153.4356	18.69283	3.016883	-1.66658
SDev	7.7870	.843582	.6409	.1374	1.03037	.827992	2.59665
%RSD	.9537747	42.01649	.1412627	.0895526	5.512118	27.44530	155.8067
#1	810.9318	1.411237	453.2572	153.3384	17.96425	2.431404	-3.50269
#2	821.9442	2.604242	454.1636	153.5327	19.42142	3.602362	.1695244

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.954849	21.35484	17.36318	3.215874	2.617202	49.11501	91.13052
SDev	3.831422	.11428	1.60205	.104008	2.278278	.94338	.05667
%RSD	42.78599	.5351450	9.226722	3.234195	87.05014	1.920757	.0621881
#1	11.66407	21.43564	16.23036	3.142329	1.006216	48.44794	91.09045
#2	6.245626	21.27403	18.49600	3.289418	4.228188	49.78208	91.17060

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3229.233	2.209105	24.17888	962.7724
SDev	28.939	2.692625	.14710	6.1459
%RSD	.8961700	121.8876	.6083873	.6383570
#1	3208.769	.3051317	24.07487	958.4266
#2	3249.696	4.113079	24.28290	967.1182

Method: STL3 Sample Name: 220-7630-A-30-A Operator:
Run Time: 12/29/08 13:58:20
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6333985	27013.24	31.70101	380.7684	2582.050	1.801465	H144154.1
SDev	.0554505	85.35	2.32553	.8737	14.650	.074571	147.5
%RSD	8.754447	.3159561	7.335826	.2294452	.5673929	4.139470	.1023044
#1	.6726080	26952.89	33.34541	381.3862	2592.409	1.748735	H144049.8
#2	.5941891	27073.59	30.05661	380.1507	2571.691	1.854194	H144258.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0906162	25.22786	83.64847	180.3757	63226.41	4206.138	20692.48
SDev	1.019176	.91083	.33961	.8149	81.04	.000	91.85
%RSD	1124.716	3.610410	.4059941	.4518003	.1281803	.0000000	.4438776
#1	-.630050	24.58381	83.88860	180.9520	63169.10	4206.138	20757.43
#2	.8112822	25.87191	83.40833	179.7995	63283.71	4206.138	20627.53

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1172.816	5.572205	3194.962	137.3207	12914.71	2.759722	9.512608
SDev	1.874	.534954	3.611	.7831	21.85	.527597	1.205343
%RSD	.1597515	9.600407	.1130101	.5702617	.1692073	19.11777	12.67101
#1	1174.141	5.193936	3192.409	137.8744	12899.26	2.386655	8.660301
#2	1171.492	5.950476	3197.516	136.7669	12930.16	3.132790	10.36491

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.16913	12783.35	12980.29	2.030471	4.219213	85.44202	1986.938
SDev	2.63056	.36	32.58	.450373	.682279	.05407	7.270
%RSD	19.97521	.0028144	.2510284	22.18070	16.17076	.0632851	.3659084
#1	11.30904	12783.10	12957.25	1.712010	3.736769	85.40378	1992.079
#2	15.02922	12783.60	13003.33	2.348933	4.701656	85.48025	1981.797

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5072.410	43.01134	551.7085	1018.400
SDev	27.918	.35222	.0730	.527
%RSD	.5503950	.8189023	.0132360	.0517782
#1	5052.668	43.26040	551.6569	1018.773
#2	5092.151	42.76228	551.7601	1018.027

Method: STL3 Sample Name: CCV4 Operator:
Run Time: 12/29/08 14:04:04
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.91598	4795.418	518.3423	491.6194	475.7164	495.0612	5124.842
SDev	.47116	8.497	5.3496	.4862	2.8204	3.6854	55.384
%RSD	.8738781	.1771904	1.032061	.0988978	.5928696	.7444291	1.080702
#1	53.58282	4789.410	514.5595	491.9632	473.7221	492.4553	5085.680
#2	54.24915	4801.426	522.1250	491.2756	477.7108	497.6672	5164.005

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.0290	521.1139	515.8022	484.3783	5064.189	37390.67	4875.733
SDev	3.4878	3.4583	4.2790	1.4687	11.933	75.50	20.666
%RSD	.6851913	.6636406	.8295776	.3032181	.2356373	.2019300	.4238603
#1	506.5627	518.6685	512.7766	483.3398	5055.751	37337.29	4861.120
#2	511.4952	523.5593	518.8279	485.4169	5072.627	37444.06	4890.347

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.2062	515.3636	38865.79	486.9093	504.0701	498.9481	493.2639
SDev	4.0398	6.7487	41.17	.1395	3.3378	2.1028	5.7789
%RSD	.7795732	1.309498	.1059206	.0286476	.6621749	.4214434	1.171565
#1	515.3496	510.5915	38836.68	486.8107	501.7099	497.4612	489.1776
#2	521.0627	520.1356	38894.90	487.0079	506.4303	500.4350	497.3502

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.0766	500.6421	505.7808	499.8607	497.1191	501.4011	514.3306
SDev	1.5484	.5761	4.7166	.3094	5.6950	3.1138	5.4482
%RSD	.3077804	.1150721	.9325311	.0619064	1.145598	.6210135	1.059277
#1	501.9817	500.2347	502.4457	499.6418	493.0921	499.1993	510.4782
#2	504.1715	501.0495	509.1159	500.0795	501.1460	503.6029	518.1830

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	561.3656	496.0366	508.3432	499.8752
SDev	9.6629	5.8609	1.7668	2.6291
%RSD	1.721320	1.181552	.3475512	.5259470
#1	568.1983	491.8922	507.0939	498.0161
#2	554.5329	500.1809	509.5925	501.7342

Method: STL3 Sample Name: CCB4 Operator:
Run Time: 12/29/08 14:18:44
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.089817	3.356480	-1.71599	-1.70106	-.016293	-.070413	.4553809
SDev	.160426	5.848419	1.90130	.36631	.009217	.062192	.0000000
%RSD	178.6148	174.2426	110.7992	21.53422	56.56853	88.32378	.0000000
#1	.0236215	7.491937	-3.06041	-1.44204	-.009776	-.114389	.4553809
#2	-.203255	-.778977	-.371564	-1.96008	-.022811	-.026437	.4553809

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.238568	.0025548	-.080069	-1.64077	9.593592	-1.13582	-.002189
SDev	.044377	.0008371	.294388	.06772	6.236399	3.21274	.231850
%RSD	18.60119	32.76471	367.6681	4.127610	65.00588	282.8577	10593.23
#1	-.207189	.0031466	-.288233	-1.59288	5.183792	-3.40757	.1617539
#2	-.269947	.0019629	.1280949	-1.68865	14.00339	1.135937	-.166131

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.341951	.9747723	-8.17292	-.290845	.1397909	-1.09470	2.583006
SDev	.010095	.4938041	.04273	.293505	.7481117	.39261	1.124350
%RSD	2.952159	50.65840	.5228177	100.9144	535.1649	35.86436	43.52875
#1	-.349090	1.323945	-8.14271	-.498384	-.389204	-.817086	3.378042
#2	-.334813	.6256002	-8.20314	-.083306	.6687857	-1.37232	1.787970

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.653618	2.167047	-.872917	-1.44445	-.395355	-.479746	-1.23150
SDev	.402366	.575520	1.408935	.11700	1.413069	.242175	.07605
%RSD	24.33246	26.55781	161.4054	8.099897	357.4172	50.47981	6.175261
#1	1.369102	2.574001	-1.86919	-1.52718	.6038348	-.650989	-1.28528
#2	1.938134	1.760093	.1233506	-1.36172	-1.39455	-.308502	-1.17773

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-11.7112	.1873330	.0084945	-.154154
SDev	4.0821	4.503600	.0120266	.140522
%RSD	34.85630	2404.061	141.5805	91.15655
#1	-8.82471	3.371859	-.000010	-.054790
#2	-14.5976	-2.99719	.0169986	-.253518

Method: STL3 Sample Name: 220-7630-B-31-B Operator:
Run Time: 12/29/08 14:24:28
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.831214	27199.08	14.61396	22.29700	1847.260	1.418450	H160058.3
SDev	.116130	23.18	3.43188	.27578	1.083	.049633	344.4
%RSD	1.991525	.0852229	23.48360	1.236869	.0586236	3.499076	.2151610
#1	5.749097	27215.47	12.18725	22.10199	1848.025	1.383354	H160301.8
#2	5.913330	27182.69	17.04067	22.49201	1846.494	1.453545	H159814.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.468560	18.81491	102.8835	91.45590	48919.91	4558.259	29593.35
SDev	.288270	.11488	.1358	.27156	132.65	22.489	8.11
%RSD	61.52263	.6105768	.1319971	.2969277	.2711607	.4933674	.0274175
#1	-.672398	18.89615	102.7875	91.26388	48826.11	4574.161	29599.09
#2	-.264722	18.73368	102.9796	91.64792	49013.71	4542.357	29587.62

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1083.570	11.59543	1965.157	78.08853	9355.446	5.049292	2.312754
SDev	.212	.08230	11.131	.30177	9.728	.237413	.755746
%RSD	.0195246	.7097654	.5664123	.3864444	.1039848	4.701904	32.67730
#1	1083.420	11.65362	1973.028	77.87515	9348.567	5.217168	2.847147
#2	1083.720	11.53723	1957.286	78.30192	9362.325	4.881415	1.778361

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.444011	9239.734	9413.213	5.567573	4.009870	73.38188	1000.500
SDev	2.775155	29.349	29.238	.249578	.213188	.09638	3.637
%RSD	37.28038	.3176398	.3106049	4.482709	5.316570	.1313376	.3635572
#1	5.481680	9260.487	9392.539	5.744052	4.160616	73.31374	1003.072
#2	9.406342	9218.981	9433.888	5.391095	3.859123	73.45003	997.9274

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	15231.44	49.61015	619.5631	1261.618
SDev	129.63	2.68044	.3216	.680
%RSD	.8510853	5.403007	.0519032	.0538925
#1	15139.78	47.71479	619.7905	1262.099
#2	15323.11	51.50551	619.3357	1261.137

Method: STL3 Sample Name: 220-7630-A-32-A Operator:
Run Time: 12/29/08 14:30:11
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.177359	12534.04	3.939726	7.368631	79.71024	.9523710	4970.810
SDev	.448571	46.36	.243673	.288073	.07374	.0008572	29.785
%RSD	252.9168	.3698373	6.185024	3.909456	.0925052	.0900095	.5992080
#1	-.494546	12501.26	4.112029	7.164932	79.65810	.9517648	4949.748
#2	.1398284	12566.82	3.767423	7.572330	79.76238	.9529771	4991.872

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.67678	18.74704	36.15583	28.43395	31106.62	2162.703	17578.89
SDev	.27504	.22179	.23545	.24874	197.19	8.032	21.61
%RSD	16.40311	1.183057	.6512102	.8748156	.6339086	.3713846	.1229213
#1	-1.87127	18.59021	35.98935	28.60984	30967.18	2157.023	17563.61
#2	-1.48229	18.90387	36.32232	28.25806	31246.05	2168.382	17594.17

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	924.0385	1.556726	391.7715	185.1906	14.86796	2.601481	.5589773
SDev	6.2154	.576105	.2136	1.4536	.46187	.930556	1.022160
%RSD	.6726354	37.00745	.0545303	.7849477	3.106497	35.77025	182.8626
#1	919.6435	1.964093	391.6204	184.1627	15.19455	1.943479	1.281754
#2	928.4334	1.149358	391.9225	186.2185	14.54137	3.259484	-.163799

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.039710	17.40373	13.60123	3.540505	.7194138	40.31313	74.93602
SDev	.728896	1.75060	.18145	.482617	3.761147	.08364	.06458
%RSD	23.97914	10.05876	1.334099	13.63130	522.8072	.2074714	.0861817
#1	2.524303	18.64158	13.47293	3.881767	-1.94012	40.37227	74.89036
#2	3.555118	16.16586	13.72954	3.199243	3.378946	40.25399	74.98169

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3025.292	3.694703	25.06771	751.8060
SDev	7.299	1.492888	.07153	3.6906
%RSD	.2412584	40.40617	.2853618	.4909039
#1	3020.131	4.750334	25.01713	749.1964
#2	3030.453	2.639072	25.11829	754.4157

Method: STL3 Sample Name: 220-7630-A-33-A Operator:
Run Time: 12/29/08 14:35:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.165265	16199.90	6.090527	8.899061	127.7723	1.455389	5470.248
SDev	.109468	109.02	1.075786	.367162	1.4056	.035613	63.112
%RSD	66.23804	.6729677	17.66327	4.125855	1.100063	2.446968	1.153739
#1	-.087859	16122.82	6.851223	8.639439	126.7784	1.480571	5425.621
#2	-.242670	16276.99	5.329831	9.158685	128.7662	1.430207	5514.875

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.95506	33.51487	47.87519	45.54417	38346.33	2718.144	20832.25
SDev	.17282	.47325	1.13984	.49805	370.49	12.851	169.13
%RSD	8.839681	1.412053	2.380857	1.093554	.9661703	.4727797	.8118647
#1	-1.83286	33.18023	47.06920	45.19200	38084.35	2709.058	20712.66
#2	-2.07727	33.84950	48.68118	45.89635	38608.31	2727.231	20951.85

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1001.810	.2909769	570.3520	200.8885	20.39632	2.451934	-.472570
SDev	9.862	.1028759	3.3115	1.5389	.16485	.270112	1.275496
%RSD	.9844302	35.35534	.5806060	.7660514	.8082349	11.01628	269.9062
#1	994.8364	.3637211	568.0105	199.8003	20.27975	2.260936	-1.37448
#2	1008.784	.2182327	572.6937	201.9767	20.51288	2.642932	.4293418

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.183387	23.99405	18.59940	2.989674	1.373838	58.44244	92.39449
SDev	2.251098	1.90906	.70559	.143504	.523708	.68528	1.03802
%RSD	36.40558	7.956370	3.793623	4.799992	38.12006	1.172576	1.123469
#1	4.591620	22.64414	19.09832	2.888201	1.003521	57.95787	91.66049
#2	7.775154	25.34395	18.10047	3.091147	1.744156	58.92701	93.12848

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3004.912	3.397639	23.13813	994.7063
SDev	15.065	1.076329	.13899	7.8456
%RSD	.5013527	31.67872	.6006801	.7887341
#1	2994.260	2.636560	23.03985	989.1586
#2	3015.565	4.158719	23.23641	1000.254

Method: STL3 Sample Name: 220-7630-A-34-A Operator:
Run Time: 12/29/08 14:41:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.173162	22524.94	9.857304	2.815567	159.1468	1.559710	4895.104
SDev	.000946	126.37	.552077	.140069	.6314	.013323	48.622
%RSD	.5464788	.5610246	5.600685	4.974812	.3967112	.8541892	.9932829
#1	-.173831	22435.59	9.466927	2.716523	158.7003	1.550289	4860.722
#2	-.172492	22614.30	10.24768	2.914611	159.5932	1.569130	4929.484

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.42243	24.23366	45.99215	61.02692	50095.76	3373.544	10832.72
SDev	.22418	.68411	.02565	.01118	147.88	24.096	54.78
%RSD	9.254209	2.822981	.0557753	.0183210	.2951931	.7142539	.5057355
#1	-2.58095	24.71740	46.01029	61.03483	49991.19	3356.505	10793.98
#2	-2.26392	23.74992	45.97401	61.01902	50200.32	3390.581	10871.45

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1458.250	2.051386	313.1845	78.90269	23.16455	2.363042	.4330442
SDev	8.301	.452654	3.2047	.52804	.76354	1.783487	1.009316
%RSD	.5692141	22.06574	1.023264	.6692328	3.296165	75.47419	233.0746
#1	1452.380	2.371461	310.9185	78.52931	23.70445	1.101926	-.280650
#2	1464.119	1.731312	315.4506	79.27608	22.62464	3.624158	1.146738

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.763523	24.84605	22.32410	.7509168	5.591033	56.69684	121.7740
SDev	3.652571	1.92554	2.10614	2.648118	.051770	.27960	1.1232
%RSD	37.41038	7.749882	9.434361	352.6513	.9259437	.4931471	.9223437
#1	7.180765	23.48448	23.81337	-1.12159	5.554426	56.89455	120.9798
#2	12.34628	26.20761	20.83484	2.623419	5.627640	56.49913	122.5682

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3046.053	6.150094	41.04281	835.1160
SDev	15.206	2.936208	.13127	3.6754
%RSD	.4991888	47.74249	.3198341	.4401025
#1	3035.302	8.226306	40.94999	832.5172
#2	3056.805	4.073881	41.13563	837.7149

Method: STL3 Sample Name: 220-7630-A-35-A Operator:
Run Time: 12/29/08 14:47:21
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6814966	43912.37	25.73151	8.740725	1965.272	5.097891	35867.86
SDev	.0108289	36.18	.85913	.487962	1.521	.025156	70.35
%RSD	1.588984	.0824004	3.338839	5.582627	.0773800	.4934577	.1961488
#1	.6891538	43937.95	25.12401	8.395683	1964.197	5.115679	35818.11
#2	.6738395	43886.78	26.33901	9.085766	1966.348	5.080103	35917.61

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.357397	31.17924	155.6462	273.1620	71820.17	5686.181	24345.26
SDev	.109905	.23756	.5431	.2375	67.03	4.819	9.06
%RSD	30.75150	.7619255	.3489009	.0869528	.0933247	.0847535	.0372025
#1	-.435111	31.01125	155.2622	272.9941	71867.57	5682.773	24338.85
#2	-.279682	31.34722	156.0302	273.3300	71772.78	5689.589	24351.66

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3212.699	3.026159	748.7362	132.7672	18177.92	5.373228	4.367250
SDev	1.733	.432079	.5341	2.3879	33.05	.441702	.415243
%RSD	.0539335	14.27812	.0713315	1.798536	.1818234	8.220429	9.508100
#1	3211.474	2.720633	749.1139	134.4557	18201.29	5.685558	4.660871
#2	3213.925	3.331684	748.3586	131.0787	18154.55	5.060897	4.073629

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.92530	17961.00	18286.22	4.797259	6.525893	121.7929	1104.385
SDev	1.68674	19.02	40.06	.702982	.081641	.4757	1.744
%RSD	15.43881	.1058888	.2190604	14.65382	1.251029	.3906185	.1579422
#1	12.11801	17974.45	18314.54	5.294342	6.468164	121.4565	1103.151
#2	9.732600	17947.55	18257.90	4.300176	6.583622	122.1293	1105.618

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3514.095	38.27047	289.2191	1970.285
SDev	4.044	3.35801	.0817	.910
%RSD	.1150924	8.774409	.0282331	.0461662
#1	3516.955	40.64494	289.2769	1970.928
#2	3511.236	35.89600	289.1614	1969.642

Method: STL3 Sample Name: 220-7630-A-36-A Operator:
Run Time: 12/29/08 14:53:04
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.100760	32828.78	14.23408	8.422625	901.1680	3.505963	14489.50
SDev	.200384	8.26	.92557	.634173	5.3458	.051632	90.16
%RSD	198.8722	.0251656	6.502492	7.529393	.5932093	1.472703	.6222408
#1	-.242454	32822.94	13.57960	7.974196	897.3879	3.469453	14425.74
#2	.0409328	32834.62	14.88855	8.871052	904.9480	3.542472	14553.25

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.18439	27.03511	94.79351	123.2691	51820.16	5472.637	16793.84
SDev	.01084	.05400	.62990	.4868	203.98	8.032	44.14
%RSD	.9153110	.1997473	.6644932	.3948772	.3936378	.1467655	.2628199
#1	-1.17672	27.07330	94.34811	122.9249	51675.93	5466.958	16762.63
#2	-1.19205	26.99693	95.23891	123.6133	51964.40	5478.316	16825.05

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2609.209	2.516949	500.8898	89.40541	9088.357	1.440967	2.131504
SDev	11.575	.452654	1.0896	.48628	10.678	2.122084	2.032017
%RSD	.4436042	17.98422	.2175282	.5439002	.1174880	147.2680	95.33254
#1	2601.024	2.837024	500.1193	89.06156	9080.807	-.059573	.6946511
#2	2617.393	2.196875	501.6602	89.74926	9095.907	2.941507	3.568357

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.633994	9034.205	9115.393	1.193918	1.934805	96.96579	535.2980
SDev	6.068656	3.002	17.508	3.660393	.959154	.00891	4.4532
%RSD	130.9595	.0332265	.1920685	306.5865	49.57370	.0091855	.8319125
#1	.3428059	9036.327	9103.013	-1.39437	2.613030	96.97209	532.1490
#2	8.925181	9032.082	9127.772	3.782207	1.256580	96.95950	538.4468

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3536.219	15.86157	100.9454	1927.541
SDev	8.920	.45501	.2306	7.970
%RSD	.2522509	2.868632	.2284624	.4134653
#1	3529.911	15.53983	100.7823	1921.905
#2	3542.526	16.18331	101.1084	1933.176

Method: STL3 Sample Name: 220-7630-A-37-B Operator:
Run Time: 12/29/08 14:58:48
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0725735	17765.76	6.301639	1.428506	195.6308	1.121885	8609.065
SDev	.0496290	24.49	1.887296	.093674	.4194	.137006	23.024
%RSD	68.38451	.1378443	29.94929	6.557474	.2143626	12.21210	.2674365
#1	.1076665	17748.44	4.967119	1.362268	195.9273	1.025008	8592.785
#2	.0374805	17783.08	7.636158	1.494743	195.3342	1.218763	8625.346

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.66334	14.56986	52.89327	53.79346	65658.84	1509.575	6726.194
SDev	.25813	.14347	.41812	.14685	223.78	9.638	2.307
%RSD	9.691857	.9847308	.7904994	.2729919	.3408181	.6384718	.0342998
#1	-2.48081	14.46841	52.59762	53.89730	65500.61	1516.391	6727.826
#2	-2.84586	14.67131	53.18893	53.68962	65817.08	1502.760	6724.563

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1059.108	1.673116	206.4833	45.59091	5074.127	1.868858	.3776006
SDev	1.924	.781856	.4914	.24797	8.956	2.017661	.8164483
%RSD	.1816624	46.73054	.2379755	.5439063	.1764941	107.9622	216.2200
#1	1057.747	2.225972	206.8308	45.41557	5067.794	3.295560	-.199715
#2	1060.468	1.120261	206.1359	45.76625	5080.459	.4421563	.9549168

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.62831	5038.961	5091.683	-.481736	6.576003	56.38740	210.6790
SDev	2.33463	7.664	9.600	2.329599	1.392706	.06086	.4426
%RSD	21.96610	.1520858	.1885525	483.5847	21.17861	.1079296	.2100826
#1	12.27914	5033.542	5084.894	1.165540	7.560795	56.43044	210.3661
#2	8.977479	5044.380	5098.471	-2.12901	5.591211	56.34437	210.9920

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3713.368	16.44295	32.99932	845.1403
SDev	.165	1.43757	.02758	.2330
%RSD	.0044305	8.742748	.0835720	.0275708
#1	3713.484	17.45946	32.97982	844.9755
#2	3713.252	15.42644	33.01882	845.3051

Method: STL3 Sample Name: 220-7630-A-38-A Operator:
Run Time: 12/29/08 15:04:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.214129	12003.39	2.738718	7.408397	124.2921	.9611580	4716.025
SDev	.160336	23.56	.714302	.352157	.0415	.0374051	11.109
%RSD	74.87845	.1962749	26.08161	4.753487	.0333648	3.891672	.2355651
#1	-.327504	12020.05	3.243806	7.159384	124.2627	.9347087	4723.881
#2	-.100754	11986.73	2.233630	7.657410	124.3214	.9876075	4708.170

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.65070	20.66505	35.61827	30.16268	30293.37	2484.155	18668.14
SDev	.38378	.00037	.40762	.13579	61.84	.000	59.60
%RSD	23.24972	.0017948	1.144413	.4501867	.2041237	.0000000	.3192530
#1	-1.92208	20.66478	35.90650	30.25870	30337.09	2484.155	18626.00
#2	-1.37933	20.66531	35.33004	30.06667	30249.64	2484.155	18710.28

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	879.4484	1.978642	446.9727	207.7512	27.67870	2.699742	-.427897
SDev	.3527	.267477	.9828	.3481	1.36904	.590433	.337153
%RSD	.0401036	13.51822	.2198750	.1675376	4.946172	21.86997	78.79288
#1	879.6978	2.167777	446.2777	207.5051	28.64676	2.282243	-.666300
#2	879.1990	1.789507	447.6676	207.9974	26.71065	3.117241	-.189494

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.576610	28.28429	27.37571	3.077926	1.941238	44.98735	87.14500
SDev	3.382761	.11291	1.99623	.465558	.840559	1.09061	.15490
%RSD	44.64743	.3991983	7.291974	15.12569	43.30013	2.424264	.1777506
#1	5.184636	28.36412	28.78726	2.748727	1.346873	45.75853	87.03548
#2	9.968583	28.20444	25.96417	3.407125	2.535603	44.21617	87.25454

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3017.849	4.291425	22.44246	830.3182
SDev	1.434	4.534502	.00023	.2300
%RSD	.0475081	105.6643	.0010397	.0277043
#1	3016.835	7.497802	22.44230	830.4809
#2	3018.862	1.085047	22.44263	830.1556

Method: STL3 Sample Name: 220-7630-A-25-E Operator:
Run Time: 12/29/08 15:10:14
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.049669	17138.79	3.797929	3.608630	124.0346	1.426372	5526.829
SDev	.121265	41.32	.904797	.112923	.2765	.063731	33.649
%RSD	244.1470	.2410915	23.82342	3.129259	.2229343	4.468074	.6088307
#1	.0360786	17109.58	4.437717	3.688479	123.8391	1.381307	5503.035
#2	-.135416	17168.01	3.158141	3.528781	124.2301	1.471437	5550.622

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.02784	21.53739	52.83915	38.38289	35425.31	3273.586	12166.44
SDev	.08104	.10642	.22498	.19239	169.81	1.606	27.15
%RSD	3.996580	.4941007	.4257813	.5012369	.4793560	.0490702	.2231923
#1	-2.08515	21.61264	52.68006	38.24685	35305.23	3272.451	12147.24
#2	-1.97054	21.46214	52.99823	38.51893	35545.39	3274.722	12185.64

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	792.9267	2.866121	503.1256	201.6495	19.86713	4.206626	-.093795
SDev	3.1832	.041150	1.1323	1.2252	.10089	5.518222	.109030
%RSD	.4014481	1.435750	.2250538	.6075951	.5078074	131.1793	116.2430
#1	790.6758	2.895219	502.3250	200.7831	19.93846	8.108599	-.170891
#2	795.1775	2.837024	503.9263	202.5158	19.79579	.3046542	-.016699

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.724313	22.39261	18.60558	5.606050	1.402477	71.62871	94.62228
SDev	1.286055	.79857	.55008	8.187857	.170797	.22653	.36877
%RSD	16.64945	3.566222	2.956542	146.0539	12.17821	.3162524	.3897251
#1	8.633692	21.82793	18.99454	11.39574	1.523249	71.78889	94.36152
#2	6.814935	22.95728	18.21661	-.183639	1.281706	71.46853	94.88303

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2893.943	2.615143	22.32905	1333.574
SDev	3.819	1.011680	.09551	6.350
%RSD	.1319592	38.68544	.4277243	.4761493
#1	2891.243	1.899778	22.26152	1329.084
#2	2896.644	3.330509	22.39659	1338.064

Method: STL3 Sample Name: 220-7630-A-24-D Operator:
Run Time: 12/29/08 15:15:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0179914	10985.56	-.070618	3.138850	144.9683	.7617700	8811.027
SDev	.1931070	43.46	2.891906	.157207	.3595	.0244698	55.223
%RSD	1073.332	.3955736	4095.145	5.008418	.2479544	3.212233	.6267452
#1	.1545387	10954.83	1.974268	3.027688	144.7141	.7790728	8771.978
#2	-.118556	11016.29	-2.11550	3.250012	145.2225	.7444673	8850.075

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.23804	13.31700	31.46098	25.88092	22538.65	2185.420	6867.605
SDev	.00041	.26753	.27318	.03398	168.48	8.032	14.400
%RSD	.0334031	2.008951	.8683021	.1312851	.7475125	.3675162	.2096758
#1	-1.23834	13.50618	31.65414	25.85689	22419.52	2179.741	6857.422
#2	-1.23775	13.12783	31.26781	25.90494	22657.78	2191.099	6877.787

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	657.3568	1.469433	686.6764	75.05426	1095.800	1.871272	-.075207
SDev	3.3242	.246902	1.9014	.26838	4.424	.764086	.662716
%RSD	.5056899	16.80254	.2769031	.3575818	.4037462	40.83246	881.1885
#1	655.0063	1.644019	685.3319	74.86449	1092.671	2.411562	.3934039
#2	659.7074	1.294847	688.0209	75.24403	1098.928	1.330981	-.543818

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.283791	1086.703	1100.341	3.132328	-.655630	34.69858	89.58482
SDev	.717174	3.946	4.663	.541311	1.210305	1.29179	.74642
%RSD	8.657557	.3631297	.4237860	17.28143	184.6018	3.722904	.8332037
#1	7.776672	1083.913	1097.043	3.515094	.2001848	35.61202	89.05702
#2	8.790909	1089.494	1103.638	2.749564	-1.51144	33.78514	90.11262

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2944.132	4.208918	37.39169	609.6132
SDev	11.650	.299260	.07902	1.3055
%RSD	.3957081	7.110145	.2113239	.2141518
#1	2935.894	3.997309	37.33581	608.6901
#2	2952.370	4.420527	37.44756	610.5363

Method: STL3 Sample Name: CCV5 Operator:
Run Time: 12/29/08 15:21:42
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.56845	4807.862	517.9843	491.4866	473.5885	493.5826	5111.067
SDev	.03389	2.546	1.7300	.3649	1.5070	1.0456	14.973
%RSD	.0632701	.0529621	.3339959	.0742537	.3182005	.2118472	.2929563
#1	53.54448	4809.663	516.7610	491.2285	472.5229	494.3220	5121.655
#2	53.59242	4806.062	519.2076	491.7446	474.6541	492.8432	5100.480

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.3663	522.2778	514.4646	485.5775	5046.299	37464.50	4863.438
SDev	.9341	.2429	1.2341	1.9220	16.793	57.83	6.969
%RSD	.1833759	.0465152	.2398831	.3958249	.3327736	.1543543	.1432839
#1	508.7059	522.1060	515.3372	484.2184	5034.424	37423.61	4858.510
#2	510.0268	522.4496	513.5919	486.9366	5058.173	37505.39	4868.365

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.6476	517.6332	38988.29	482.4750	508.6116	502.9848	492.7803
SDev	1.7630	4.6911	16.92	1.9544	1.7072	3.6603	2.7914
%RSD	.3399180	.9062678	.0433998	.4050791	.3356662	.7277168	.5664676
#1	517.4010	514.3160	39000.26	483.8569	507.4044	500.3965	490.8064
#2	519.8942	520.9503	38976.33	481.0930	509.8188	505.5730	494.7541

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.0996	501.4508	512.1858	503.7256	501.4996	498.7658	511.8136
SDev	10.0195	1.9363	3.5263	6.1674	1.3611	1.0634	3.5602
%RSD	1.983659	.3861482	.6884759	1.224348	.2714031	.2132064	.6955962
#1	498.0148	502.8200	509.6924	499.3646	502.4620	498.0139	514.3310
#2	512.1844	500.0816	514.6793	508.0866	500.5372	499.5178	509.2962

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	538.6504	499.0335	509.2477	499.9619
SDev	1.8991	5.0348	.7540	.9690
%RSD	.3525579	1.008917	.1480527	.1938131
#1	539.9933	495.4733	508.7146	499.2768
#2	537.3076	502.5936	509.7809	500.6471

Method: STL3 Sample Name: CCB5 Operator:
Run Time: 12/29/08 15:27:28
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.007541	5.845622	-1.05217	-1.00750	.0325867	-.123214	1.024604
SDev	.110463	2.311455	1.87257	.03870	.0138254	.037432	.161001
%RSD	1464.740	39.54164	177.9722	3.841445	42.42641	30.38007	15.71354
#1	-.085651	4.211177	.2719367	-.980138	.0423627	-.096745	.9107587
#2	.0705678	7.480068	-2.37627	-1.03487	.0228107	-.149683	1.138449

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.139268	.5637283	-.032007	-1.60932	6.485217	10.22292	-.985981
SDev	.020784	.9046910	.113114	.18150	4.130400	3.21274	.696001
%RSD	14.92343	160.4835	353.4058	11.27833	63.68947	31.42688	70.58970
#1	-.124571	-.075985	.0479768	-1.73766	9.405850	7.951164	-1.47813
#2	-.153964	1.203442	-.111990	-1.48097	3.564583	12.49467	-.493834

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.320570	2.429656	-5.10619	-.265860	.2330472	-.818849	5.767927
SDev	.040330	.946458	1.08960	.084632	.3440957	2.099870	2.652104
%RSD	12.58072	38.95439	21.33876	31.83325	147.6506	256.4416	45.98019
#1	-.349088	3.098903	-4.33573	-.206017	.4763596	-2.30368	7.643248
#2	-.292053	1.760410	-5.87665	-.325704	-.010265	.6659831	3.892606

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.409043	1.116087	-.208561	-1.51345	.5714341	-.341954	-.910879
SDev	.665713	1.931019	.448247	3.05478	.1871817	.410768	.075329
%RSD	27.63390	173.0169	214.9242	201.8424	32.75648	120.1236	8.269894
#1	2.879773	2.481524	-.525519	-3.67350	.4390767	-.632411	-.857614
#2	1.938314	-.249349	.1083981	.6466075	.7037916	-.051497	-.964145

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-17.9686	2.789152	.0254907	-.012862
SDev	.7327	1.884141	.0040122	.184921
%RSD	4.077859	67.55248	15.74001	1437.765
#1	-18.4867	4.121440	.0283278	.1178973
#2	-17.4505	1.456863	.0226537	-.143621

Method: STL3 Sample Name: 220-7630-A-8-B Operator:
Run Time: 12/29/08 15:33:12
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.094474	31.00317	1.744552	51.51936	49.47308	-.175997	2575.855
SDev	.149299	3.44567	2.636585	.42279	.00461	.012351	25.438
%RSD	158.0322	11.11391	151.1325	.8206434	.0093179	7.017534	.9875581
#1	-.200044	33.43962	3.608899	51.22040	49.46981	-.184730	2557.867
#2	.0110965	28.56672	-.119795	51.81832	49.47633	-.167263	2593.842

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.118916	.5754721	1.145066	-.208477	20.86851	709.9208	513.3104
SDev	.042569	.2334634	.498302	.079253	3.80243	6.4255	4.1753
%RSD	35.79702	40.56902	43.51733	38.01541	18.22092	.9050956	.8134134
#1	-.149017	.7405557	.7927132	-.264518	18.17979	705.3773	510.3579
#2	-.088816	.4103886	1.497419	-.152436	23.55724	714.4642	516.2628

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.89554	.9020280	H155181.1	7.992902	7.677795	4.273334	-1.76982
SDev	.14112	.3086275	105.3	.151052	.544155	.406873	1.43763
%RSD	.4720475	34.21486	.0678301	1.889826	7.087386	9.521200	81.23069
#1	29.79575	.6837953	H155106.7	7.886092	7.293019	3.985632	-2.78638
#2	29.99533	1.120261	H155255.6	8.099711	8.062571	4.561037	-.753255

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.90880	9.623362	6.705670	6.184271	.4446210	-.463212	11.01855
SDev	3.33891	.034015	.798842	1.264644	3.755069	1.017658	.30296
%RSD	174.9216	.3534614	11.91294	20.44937	844.5550	219.6959	2.749534
#1	-4.26977	9.599310	6.140803	7.078509	-2.21061	-1.18280	10.80433
#2	.4521618	9.647414	7.270537	5.290032	3.099855	.2563808	11.23278

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	189.9191	3.413973	13.75654	.0928515
SDev	3.0151	1.824880	.05559	.0110734
%RSD	1.587593	53.45326	.4040938	11.92595
#1	187.7870	4.704358	13.71724	.0850214
#2	192.0511	2.123588	13.79585	.1006816

Method: STL3 Sample Name: 220-7630-A-11-B Operator:
Run Time: 12/29/08 15:38:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.172340	30.00433	2.312616	49.10025	50.89385	-.158305	3062.769
SDev	.116053	2.22018	1.284707	.80808	.29955	.037340	37.513
%RSD	67.33935	7.399545	55.55214	1.645773	.5885755	23.58706	1.224815
#1	-.254402	31.57424	3.221041	48.52885	50.68204	-.184708	3036.244
#2	-.090278	28.43442	1.404190	49.67165	51.10567	-.131902	3089.295

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.059279	.3894078	1.064248	.1915426	25.86736	567.9366	675.5106
SDev	.184101	.1441808	.045319	.1927360	4.35068	8.0319	8.1195
%RSD	310.5657	37.02565	4.258328	100.6231	16.81920	1.414225	1.201982
#1	-.189458	.2874566	1.096293	.0552576	28.94376	562.2572	669.7693
#2	.0708998	.4913590	1.032202	.3278275	22.79096	573.6160	681.2520

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32.38862	1.076614	H154611.7	1.911595	336.1617	4.778182	-2.85643
SDev	.38282	.802431	718.3	.411554	3.0931	1.695501	.45987
%RSD	1.181951	74.53287	.4645968	21.52935	.9201213	35.48423	16.09937
#1	32.11793	1.644019	H154103.8	1.620582	333.9746	5.977082	-3.18160
#2	32.65931	.5092095	H155119.6	2.202607	338.3489	3.579282	-2.53125

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.679223	337.1854	335.6500	7.489825	-.654348	-.409022	16.25958
SDev	1.868242	2.4395	3.4193	1.751242	1.583994	.239043	.60584
%RSD	275.0558	.7235038	1.018712	23.38162	242.0722	58.44246	3.726040
#1	-2.00027	335.4603	333.2322	8.728140	.4657053	-.578051	15.83118
#2	.6418237	338.9104	338.0678	6.251510	-1.77440	-.239994	16.68797

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	181.8848	-.997967	10.30500	.4855461
SDev	2.2305	2.295919	.08741	.0629374
%RSD	1.226314	230.0595	.8482017	12.96219
#1	180.3076	-2.62143	10.24319	.4410426
#2	183.4620	.6254925	10.36680	.5300496

Method: STL3 Sample Name: 220-7630-A-14-B Operator:
Run Time: 12/29/08 15:44:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.129321	40.25634	1.664807	46.68027	89.12127	-.088067	12528.86
SDev	.038819	1.42054	1.301152	.53763	.72814	.062214	68.26
%RSD	30.01801	3.528733	78.15636	1.151738	.8170168	70.64350	.5448605
#1	-.156770	39.25187	2.584860	47.06043	88.60640	-.044076	12480.59
#2	-.101871	41.26082	.7447531	46.30010	89.63614	-.132059	12577.13

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9012941	1.421982	1.343506	35.63986	3.736977	1205.161	691.9570
SDev	.0586343	.320159	.068072	.32794	3.500843	6.426	5.1031
%RSD	6.505570	22.51497	5.066780	.9201615	93.68115	.5331655	.7374865
#1	.9427549	1.648368	1.391640	35.40797	6.212447	1200.618	688.3486
#2	.8598334	1.195595	1.295371	35.87175	1.261507	1209.705	695.5654

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.44689	.9893210	H154225.0	1.883395	69936.17	2.750090	-3.98568
SDev	.15105	.5143790	653.6	.914393	288.43	1.566731	3.79243
%RSD	.2308044	51.99313	.4238170	48.55029	.4124157	56.97017	95.15154
#1	65.34008	.6256002	H153762.8	2.529968	69732.22	1.642244	-1.30402
#2	65.55370	1.353042	H154687.2	1.236821	70140.12	3.857937	-6.66733

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5191397	69209.69	70298.87	4.370757	-.497310	.0628606	394.3342
SDev	1.799411	426.08	219.70	2.762612	.828339	.5636176	3.1017
%RSD	346.6139	.6156386	.3125232	63.20673	166.5640	896.6154	.7865623
#1	-.753236	68908.40	70143.52	2.417295	.0884143	.4613984	392.1410
#2	1.791515	69510.97	70454.22	6.324218	-1.08303	-.335677	396.5275

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	382.4226	.6243096	61.72601	-.125986
SDev	.1417	.6477146	.11883	.095876
%RSD	.0370504	103.7489	.1925183	76.10059
#1	382.3224	1.082313	61.64199	-.058191
#2	382.5228	.1663062	61.81004	-.193781

Method: STL3 Sample Name: 220-7630-A-16-B Operator:
Run Time: 12/29/08 15:50:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0224997	33.70216	1.274306	46.39175	29.65712	-.202401	3204.506
SDev	.0609060	2.40803	2.396063	.86576	.15669	.074737	1.288
%RSD	270.6969	7.145019	188.0288	1.866193	.5283312	36.92499	.0401940
#1	.0655668	35.40489	-.419966	47.00393	29.54633	-.255248	3203.596
#2	-.020567	31.99943	2.968579	45.77956	29.76792	-.149554	3205.417

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.192644	.7419971	.5687676	-.640566	26.80159	879.1659	514.7669
SDev	.182945	.3486668	.0677821	.170017	1.37446	4.8191	.2322
%RSD	94.96538	46.99031	11.91737	26.54164	5.128295	.5481453	.0451063
#1	-.063282	.4954525	.5208383	-.760786	27.77348	875.7583	514.6027
#2	-.322006	.9885418	.6166967	-.520346	25.82970	882.5735	514.9311

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.87539	1.018419	H153689.2	5.701483	20.49097	3.695479	-4.18392
SDev	.04025	.967033	469.9	.108573	1.23032	1.302585	.77502
%RSD	.1497724	94.95434	.3057217	1.904288	6.004190	35.24809	18.52388
#1	26.84693	1.702214	H153357.0	5.778255	21.36094	4.616546	-3.63590
#2	26.90385	.3346233	H154021.5	5.624710	19.62101	2.774412	-4.73195

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.10516	19.66939	20.90030	6.199286	-1.32065	-.007211	10.00088
SDev	5.53980	1.29129	1.19981	1.634409	.63794	.480262	.07514
%RSD	501.2680	6.564974	5.740614	26.36447	48.30507	6660.288	.7513482
#1	2.812073	20.58247	21.74869	7.354987	-.869560	.3323860	10.05401
#2	-5.02239	18.75631	20.05191	5.043584	-1.77175	-.346808	9.947746

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	256.4774	-2.45511	15.30809	.3149864
SDev	2.0065	1.05959	.04006	.0406627
%RSD	.7823374	43.15838	.2616987	12.90935
#1	257.8963	-3.20435	15.27977	.3437393
#2	255.0586	-1.70587	15.33642	.2862335

Method: STL3 Sample Name: 220-7630-A-18-B Operator:
Run Time: 12/29/08 15:56:05
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1080845	79.45488	1.363182	91.91763	69.78760	-.149483	5490.854
SDev	.1161125	5.24126	1.182483	.99967	.48389	.074703	62.630
%RSD	107.4275	6.596518	86.74432	1.087574	.6933700	49.97419	1.140619
#1	.1901884	83.16100	2.199323	91.21075	69.44544	-.202306	5446.568
#2	.0259806	75.74875	.5270403	92.62450	70.12976	-.096660	5535.140

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.045840	.6972683	.8672796	1.023787	45.41194	1013.199	886.0314
SDev	.070107	.7019838	.0566609	.214961	.49566	4.819	8.1167
%RSD	152.9396	100.6763	6.533177	20.99668	1.091464	.4756328	.9160746
#1	-.095413	.2008908	.8272144	.8717865	45.06146	1009.791	880.2921
#2	.0037335	1.193646	.9073450	1.175788	45.76242	1016.607	891.7708

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.13456	1.003870	H153838.9	3.405237	42.61619	6.197449	-3.56713
SDev	.04029	.205752	474.9	.044055	1.49498	2.030736	.41467
%RSD	.1541625	20.49585	.3087208	1.293745	3.508001	32.76729	11.62482
#1	26.16305	.8583815	H153503.1	3.374085	43.67330	4.761502	-3.86035
#2	26.10607	1.149358	H154174.8	3.436389	41.55908	7.633397	-3.27391

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.081821	45.36962	41.24074	8.605607	1.372801	-.375083	33.96596
SDev	1.336075	2.18859	1.14869	3.327193	.565928	.051636	1.74028
%RSD	26.29126	4.823912	2.785328	38.66308	41.22429	13.76644	5.123609
#1	4.137073	46.91719	42.05298	6.252926	1.772973	-.411595	32.73539
#2	6.026569	43.82206	40.42849	10.95829	.9726300	-.338571	35.19653

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	334.0598	-.643627	27.87164	.5847813
SDev	2.1956	2.796390	.09891	.0445615
%RSD	.6572530	434.4739	.3548655	7.620203
#1	332.5072	-2.62097	27.80170	.5532716
#2	335.6123	1.333720	27.94158	.6162911

Method: STL3 Sample Name: 220-7630-A-21-B Operator:
Run Time: 12/29/08 16:01:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1782837	48.52119	-.167500	33.87894	71.72977	.0879528	20826.79
SDev	.1881957	1.81334	.327439	.40279	.64058	.0622405	216.71
%RSD	105.5597	3.737222	195.4857	1.188915	.8930437	70.76573	1.040516
#1	.0452093	47.23897	-.399034	33.59412	71.27681	.0439422	20673.55
#2	.3113582	49.80342	.0640341	34.16375	72.18272	.1319635	20980.02

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.633452	.8442236	.7781386	5.521104	13.36685	846.2255	232.3907
SDev	.008832	.0314782	.1469757	.350432	11.66094	6.4255	2.7871
%RSD	.5406926	3.728654	18.88811	6.347127	87.23778	.7593135	1.199309
#1	1.627207	.8219652	.6742111	5.273312	5.121319	841.6820	230.4199
#2	1.639698	.8664820	.8820661	5.768897	21.61238	850.7690	234.3615

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.28503	.5092093	H154875.0	5.292990	H135114.6	3.296745	-1.45058
SDev	.64470	.9464579	807.1	.023963	1094.0	1.940891	.34028
%RSD	1.187620	185.8682	.5211273	.4527375	.8096536	58.87295	23.45792
#1	53.82916	-.160037	H154304.3	5.309935	H134341.1	1.924327	-1.69119
#2	54.74090	1.178456	H155445.8	5.276045	H135888.2	4.669162	-1.20997

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.647069	H134465.8	H135438.6	5.447939	-1.01321	.1451837	974.3162
SDev	5.134857	903.7	1189.0	3.307779	.79685	.0396870	12.2559
%RSD	311.7572	.6720621	.8778563	60.71616	78.64629	27.33570	1.257893
#1	5.277962	H133826.8	H134597.8	3.108986	-.449748	.1732466	965.6500
#2	-1.98382	H135104.8	H136279.3	7.786892	-1.57666	.1171208	982.9824

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	350.6692	1.852241	84.87563	-.282087
SDev	6.8082	1.677624	.56470	.050825
%RSD	1.941491	90.57268	.6653268	18.01760
#1	345.8550	3.038501	84.47633	-.246148
#2	355.4833	.6659815	85.27493	-.318026

Method: STL3 Sample Name: 220-7630-B-26-D Operator:
Run Time: 12/29/08 16:07:32
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.147245	77.17120	2.246509	42.40221	154.0665	-.096623	H108898.9
SDev	.121112	6.25492	1.221648	.23071	.3410	.000080	920.4
%RSD	82.25175	8.105254	54.37984	.5441017	.2213503	.0831507	.8452271
#1	-.061606	72.74830	1.382673	42.23907	153.8253	-.096566	H108248.1
#2	-.232884	81.59409	3.110344	42.56535	154.3076	-.096679	H109549.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.506608	4.184809	.4833802	109.6649	36.55137	2197.915	1604.392
SDev	.253569	.027425	.3721077	.1810	.27502	19.276	5.825
%RSD	16.83045	.6553575	76.98034	.1650047	.7524241	.8770326	.3630767
#1	1.327308	4.204202	.2202603	109.5370	36.35690	2184.284	1600.273
#2	1.685909	4.165416	.7465001	109.7929	36.74584	2211.545	1608.511

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	604.2368	1.178456	H155201.4	6.900915	466.6420	4.368093	-3.06645
SDev	4.2611	.123451	720.9	.002527	.5949	4.181599	.70773
%RSD	.7051985	10.47566	.4644830	.0366250	.1274750	95.73052	23.07963
#1	601.2238	1.091163	H154691.7	6.902702	467.0626	1.411257	-3.56689
#2	607.2499	1.265749	H155711.2	6.899128	466.2214	7.324930	-2.56601

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.336265	462.9497	468.4846	7.136552	-1.17834	-.198206	182.7474
SDev	1.132240	1.3901	1.5858	4.396411	3.75104	.394509	.9833
%RSD	336.7106	.3002629	.3384981	61.60414	318.3334	199.0400	.5380584
#1	.4643496	461.9668	469.6059	4.027820	-3.83073	.0807541	182.0522
#2	-1.13688	463.9327	467.3632	10.24528	1.474051	-.477166	183.4427

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1967.649	-.851641	351.3754	.8392044
SDev	13.117	.499786	1.5842	.5208374
%RSD	.6666264	58.68512	.4508671	62.06323
#1	1958.373	-1.20504	350.2552	1.207492
#2	1976.924	-.498238	352.4956	.4709168

Method: STL3 Sample Name: 220-7630-B-28-B Operator:
Run Time: 12/29/08 16:13:15
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0426392	126.6854	3.818820	50.34164	143.1011	-.105518	36422.74
SDev	.0386616	1.1134	1.883935	.69450	.8987	.112075	264.52
%RSD	90.67136	.8788354	49.33289	1.379577	.6279858	106.2144	.7262611
#1	.0699771	125.8982	5.150963	50.83273	142.4656	-.184767	36235.69
#2	.0153014	127.4727	2.486677	49.85055	143.7365	-.026269	36609.79

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.228636	4.374182	.7455791	3.744348	656.4558	1509.576	1054.544
SDev	.207803	.761153	.0227270	.328011	11.6160	.000	5.564
%RSD	6.436233	17.40103	3.048236	8.760152	1.769507	.0000000	.5276599
#1	3.081697	3.835966	.7295087	3.512409	648.2421	1509.576	1050.610
#2	3.375574	4.912398	.7616496	3.976286	664.6696	1509.576	1058.479

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	656.2853	1.207554	H156103.1	5.070094	916.1472	2.539867	-3.35640
SDev	.2418	.452654	211.5	.674860	7.4319	4.211520	.91171
%RSD	.0368462	37.48517	.1355171	13.31060	.8112141	165.8166	27.16348
#1	656.4563	.8874793	H155953.5	4.592896	910.8920	-.438127	-4.00107
#2	656.1143	1.527628	H156252.7	5.547292	921.4023	5.517861	-2.71172

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.257455	903.6816	922.3701	4.374967	-1.13694	.2134242	434.2618
SDev	1.864376	1.7353	12.0086	6.051603	.52597	.2923181	6.1278
%RSD	724.1552	.1920269	1.301934	138.3234	46.26156	136.9658	1.411079
#1	1.060858	904.9086	913.8787	.0958369	-1.50886	.4201243	429.9288
#2	-1.57577	902.4545	930.8614	8.654097	-.765029	.0067241	438.5948

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	560.3144	-.090211	107.8550	.6170493
SDev	.7869	1.265477	.1227	.0024434
%RSD	.1404479	1402.792	.1137932	.3959848
#1	560.8709	.8046159	107.7682	.6187770
#2	559.7580	-.985038	107.9418	.6153215

Method: STL3 Sample Name: 220-7630-B-31-C Operator:
Run Time: 12/29/08 16:18:59
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.041035	-.138392	1.144518	37.62024	71.53751	-.281644	H154958.2
SDev	.171574	1.516722	1.765795	.96175	.51615	.012423	1109.0
%RSD	418.1173	1095.962	154.2828	2.556482	.7215057	4.410840	.7156683
#1	-.162356	-1.21088	-.104087	36.94017	71.17253	-.272860	H154174.0
#2	.0802862	.9340925	2.393124	38.30030	71.90247	-.290429	H155742.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2644424	1.115786	2.155310	.5265461	10.66169	4025.535	4263.482
SDev	.0383153	.349635	.101588	.0336911	7.34873	20.883	24.588
%RSD	14.48907	31.33531	4.713400	6.398508	68.92648	.5187580	.5767080
#1	.2373494	1.363016	2.083477	.5027229	5.465353	4010.768	4246.096
#2	.2915354	.8685570	2.227144	.5503693	15.85802	4040.301	4280.868

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	146.3864	3.913638	H157114.0	2.294042	70.64926	4.449954	-2.17980
SDev	.7454	.493804	514.8	.310047	1.84910	3.568380	1.18783
%RSD	.5092070	12.61752	.3276435	13.51530	2.617301	80.18914	54.49239
#1	145.8593	3.564466	H156750.0	2.513278	69.34175	1.926728	-3.01972
#2	146.9135	4.262810	H157478.0	2.074806	71.95678	6.973180	-1.33988

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.467355	72.53162	69.70869	6.884731	-.427912	-.536364	40.96742
SDev	3.538356	.57375	3.05871	5.136660	.427109	.316566	.60465
%RSD	757.1033	.7910307	4.387852	74.60946	99.81227	59.02072	1.475939
#1	-2.96935	72.93733	67.54586	3.252563	-.729924	-.312518	40.53987
#2	2.034641	72.12592	71.87154	10.51690	-.125901	-.760210	41.39498

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5917.259	-3.12182	679.1364	.0211354
SDev	44.306	.29447	3.3361	.0211653
%RSD	.7487596	9.432718	.4912330	100.1412
#1	5885.930	-3.33004	676.7774	.0361015
#2	5948.588	-2.91359	681.4954	.0061693

Method: STL3 Sample Name: 220-7630-A-37-C Operator:
Run Time: 12/29/08 16:24:43
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.044793	63.69981	-.885267	40.83039	111.9678	-.149686	9055.451
SDev	.215445	1.09493	2.426654	.26950	.6590	.049878	71.484
%RSD	480.9736	1.718883	274.1156	.6600536	.5885682	33.32144	.7894038
#1	.1075489	64.47405	.8306370	40.63982	111.5018	-.184955	9004.904
#2	-.197136	62.92559	-2.60117	41.02096	112.4338	-.114417	9105.998

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3176515	1.897026	.6464528	6.657027	15.40855	1024.558	392.5215
SDev	.0540401	.059453	.0334845	.124273	1.62559	8.032	.0063
%RSD	17.01240	3.134007	5.179734	1.866787	10.54991	.7839301	.0016108
#1	.2794393	1.854987	.6227756	6.569153	16.55801	1018.878	392.5171
#2	.3558636	1.939066	.6701299	6.744901	14.25908	1030.237	392.5260

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	117.7802	1.396689	H151174.2	.9975383	44135.05	5.299036	.0441520
SDev	.9871	.473229	322.1	.2173395	334.76	.406320	.1838021
%RSD	.8381161	33.88219	.2130496	21.78759	.7584835	7.667802	416.2937
#1	117.0822	1.062066	H150946.5	1.151221	43898.34	5.586347	-.085816
#2	118.4782	1.731312	H151402.0	.8438560	44371.76	5.011724	.1741197

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.03612	43714.44	44345.04	7.673785	.5414039	-.003000	41.60898
SDev	.13225	266.74	368.71	.914879	.6123263	.762039	.60512
%RSD	6.495058	.6101799	.8314679	11.92213	113.0997	25401.62	1.454290
#1	-2.12963	43525.82	44084.32	8.320703	.1084238	.5358429	41.18110
#2	-1.94261	43903.05	44605.76	7.026868	.9743839	-.541843	42.03686

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	432.7501	-3.93368	53.13045	-.137332
SDev	2.9018	.85360	.37533	.011481
%RSD	.6705478	21.69967	.7064351	8.360058
#1	434.8020	-4.53727	52.86505	-.145450
#2	430.6982	-3.33010	53.39585	-.129213

Method: STL3 Sample Name: CCV6 Operator:
Run Time: 12/29/08 16:40:05
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.97275	4767.552	513.2172	484.3959	477.5315	496.5747	5087.046
SDev	.55416	14.142	4.5307	1.9724	1.5254	3.4614	50.232
%RSD	1.046126	.2966259	.8828040	.4071792	.3194322	.6970615	.9874533
#1	52.58090	4757.552	510.0135	483.0012	476.4529	494.1271	5051.526
#2	53.36460	4777.551	516.4208	485.7906	478.6101	499.0223	5122.565

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.4040	511.8747	512.4972	483.0433	5016.309	37106.70	4890.129
SDev	4.2260	4.8884	4.8558	1.5708	42.491	107.63	24.385
%RSD	.8378254	.9549905	.9474768	.3251955	.8470497	.2900463	.4986540
#1	501.4158	508.4181	509.0636	481.9326	4986.263	37030.60	4872.886
#2	507.3923	515.3313	515.9307	484.1540	5046.354	37182.81	4907.372

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.6499	511.4354	38124.17	486.7318	499.9779	496.6526	494.0597
SDev	5.3695	6.0902	52.30	.9555	.1569	1.7612	4.6411
%RSD	1.047398	1.190811	.1371861	.1963015	.0313862	.3546068	.9393805
#1	508.8531	507.1289	38087.19	487.4074	499.8669	495.4073	490.7779
#2	516.4467	515.7418	38161.15	486.0562	500.0888	497.8979	497.3414

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.8940	498.0734	500.9280	496.0494	497.8599	498.2294	512.7274
SDev	8.0337	3.5045	1.5144	.9910	3.3037	3.0816	5.5982
%RSD	1.629903	.7036031	.3023200	.1997747	.6635734	.6185091	1.091856
#1	487.2133	495.5954	501.9989	495.3486	495.5238	496.0504	508.7689
#2	498.5747	500.5514	499.8572	496.7501	500.1959	500.4084	516.6860

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	509.1905	502.5035	503.8595	495.5164
SDev	4.5124	7.4222	2.0234	3.1503
%RSD	.8861912	1.477050	.4015876	.6357527
#1	505.9998	497.2552	502.4287	493.2888
#2	512.3813	507.7518	505.2903	497.7440

Method: STL3 Sample Name: CCB6 Operator:
Run Time: 12/29/08 16:45:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0471792	2.357529	-1.73680	-1.26601	.0162933	-.114424	.6830698
SDev	.1107216	2.010652	2.86079	.40391	.0368676	.049759	.3220007
%RSD	234.6832	85.28639	164.7155	31.90460	226.2742	43.48672	47.14024
#1	.1254711	3.779275	.2860772	-.980395	.0423627	-.149609	.4553809
#2	-.031113	.9357839	-3.75969	-1.55162	-.009776	-.079239	.9107587

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.288380	.0464389	.3121395	-.921057	9.972126	-6.81522	.6539918
SDev	.436049	.1777528	.1019541	.225841	1.884396	1.60635	.2320432
%RSD	151.2065	382.7668	32.66299	24.51979	18.89663	23.57005	35.48106
#1	.0199534	.1721292	.3842319	-.761363	11.30460	-5.67935	.8180711
#2	-.596713	-.079251	.2400471	-1.08075	8.639657	-7.95108	.4899124

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.306338	2.167777	15.13728	-.244239	.4778198	-.721385	5.090221
SDev	.020162	1.152210	2.24328	.705871	.1672258	1.290412	4.110656
%RSD	6.581480	53.15166	14.81960	289.0089	34.99766	178.8800	80.75597
#1	-.292081	2.982512	16.72352	-.743365	.5960663	.1910749	7.996893
#2	-.320594	1.353042	13.55103	.2548878	.3595734	-1.63384	2.183547

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.776921	.8100468	.3113557	-1.88479	1.607827	-.502199	-.910511
SDev	.199175	.0233085	.2390765	.66139	2.550497	.160509	.529011
%RSD	5.273468	2.877428	76.78565	35.09060	158.6300	31.96129	58.10039
#1	3.636083	.8265284	.4804083	-1.41712	3.411301	-.388702	-.536444
#2	3.917759	.7935652	.1423031	-2.35246	-.195646	-.615697	-1.28458

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-16.9413	2.997206	.0254979	-.141078
SDev	2.3163	.823859	.0040156	.240347
%RSD	13.67227	27.48757	15.74884	170.3641
#1	-15.3034	2.414650	.0283374	.0288726
#2	-18.5791	3.579763	.0226584	-.311029

Method: STL3 Sample Name: 220-7630-A-26-B DU Operator:
Run Time: 12/29/08 16:51:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.21856	28008.07	15.27900	22.24495	949.8230	2.084769	H117716.9
SDev	.19338	43.84	.87678	.23553	.6221	.024099	383.3
%RSD	1.061448	.1565088	5.738494	1.058809	.0654993	1.155950	.3256412
#1	18.35530	27977.07	15.89898	22.07840	949.3831	2.101809	H117445.8
#2	18.08182	28039.06	14.65902	22.41149	950.2629	2.067728	H117987.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.14482	23.74888	55.99795	114.3447	45213.48	6690.293	12456.55
SDev	.28642	.33858	.07838	.2493	145.10	1.607	12.74
%RSD	25.01853	1.425662	.1399664	.2180570	.3209293	.0240128	.1022839
#1	-1.34735	23.50946	55.94253	114.1684	45110.87	6689.157	12465.56
#2	-.942294	23.98829	56.05337	114.5210	45316.08	6691.429	12447.54

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	769.7639	6.037768	2115.246	101.8906	1593.594	3.860355	2.350178
SDev	2.2766	.905307	1.880	.9191	1.619	2.346422	.727394
%RSD	.2957536	14.99407	.0888776	.9020944	.1016078	60.78254	30.95059
#1	768.1541	6.677918	2116.575	101.2407	1592.449	2.201184	2.864523
#2	771.3737	5.397620	2113.916	102.5405	1594.739	5.519526	1.835833

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.569192	1581.219	1599.771	4.924588	1.727491	87.40967	790.9873
SDev	4.493835	1.318	1.770	2.902483	1.232630	.06211	.6727
%RSD	68.40772	.0833733	.1106146	58.93859	71.35376	.0710565	.0850468
#1	9.746813	1580.287	1598.520	2.872223	.8558903	87.36575	790.5117
#2	3.391571	1582.152	1601.022	6.976954	2.599092	87.45359	791.4630

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4482.259	25.05980	558.2307	1562.066
SDev	40.330	3.64291	1.4512	3.508
%RSD	.8997683	14.53685	.2599642	.2245467
#1	4453.741	27.63572	557.2046	1559.586
#2	4510.776	22.48388	559.2569	1564.546

Method: STL3 Sample Name: 220-7630-B-26-C MS Operator:
Run Time: 12/29/08 16:57:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.49694	33207.96	33.86376	225.9101	3704.957	12.61310	88746.43
SDev	.11153	74.84	2.66314	.1094	.498	.12653	1067.76
%RSD	.3055928	.2253679	7.864277	.0484053	.0134334	1.003149	1.203163
#1	36.41808	33155.04	31.98063	225.9874	3704.605	12.52363	87991.41
#2	36.57581	33260.88	35.74688	225.8327	3705.309	12.70257	89501.45

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.53440	131.9246	130.1727	254.6623	56845.83	6697.108	20501.09
SDev	.34598	1.6990	1.7974	.0676	312.36	14.457	62.67
%RSD	1.771120	1.287885	1.380769	.0265479	.5494794	.2158696	.3056713
#1	19.28976	130.7232	128.9017	254.6145	56624.96	6686.886	20456.78
#2	19.77905	133.1260	131.4436	254.7101	57066.69	6707.331	20545.41

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1144.912	211.5111	4990.739	247.2067	2499.529	23.09678	131.1337
SDev	7.565	1.0082	2.798	1.5626	11.723	1.87841	.0623
%RSD	.6607848	.4766609	.0560716	.6320863	.4689886	8.132768	.0475410
#1	1139.562	210.7981	4988.760	246.1018	2491.240	21.76854	131.1778
#2	1150.261	212.2239	4992.718	248.3116	2507.818	24.42501	131.0896

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.82037	2485.504	2506.530	23.27809	22.73261	209.1779	1635.210
SDev	3.23847	13.080	11.045	1.87423	1.88679	1.6625	19.730
%RSD	10.85993	.5262412	.4406390	8.051455	8.299906	.7947590	1.206580
#1	32.11032	2476.256	2498.720	21.95281	21.39845	208.0024	1621.259
#2	27.53043	2494.753	2514.339	24.60337	24.06677	210.3535	1649.161

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5780.739	301.0933	350.5088	1613.611
SDev	31.653	2.1957	.9036	9.557
%RSD	.5475545	.7292509	.2578048	.5922521
#1	5758.357	299.5407	349.8698	1606.853
#2	5803.121	302.6459	351.1478	1620.369

Method: STL3 Sample Name: 220-7630-A-26-A PDS Operator:
Run Time: 12/29/08 17:03:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.7374	31057.37	50.78271	211.2186	2906.274	53.84016	68311.73
SDev	2.1019	48.85	2.37187	.0760	2.512	.07544	255.02
%RSD	.6699412	.1572977	4.670616	.0359979	.0864215	.1401200	.3733217
#1	312.2511	31022.82	49.10555	211.1649	2908.050	53.78682	68131.40
#2	315.2236	31091.91	52.45987	211.2724	2904.498	53.89350	68492.05

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.80576	538.0339	269.6562	400.4258	56447.91	14759.53	27501.03
SDev	.32783	.6617	.9264	.9167	193.62	91.56	6.76
%RSD	.6582137	.1229856	.3435465	.2289219	.3430118	.6203632	.0245771
#1	50.03757	537.5660	269.0011	401.0740	56311.00	14694.79	27496.25
#2	49.57395	538.5018	270.3112	399.7777	56584.82	14824.28	27505.81

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1417.206	204.6585	13491.91	619.4167	1185.268	54.62549	297.4219
SDev	5.228	.2881	54.12	1.9547	2.311	1.39753	4.0304
%RSD	.3689094	.1407518	.4011082	.3155688	.1949370	2.558390	1.355108
#1	1413.509	204.4548	13453.64	618.0345	1183.634	53.63728	294.5720
#2	1420.903	204.8622	13530.17	620.7989	1186.902	55.61369	300.2718

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	60.53786	1175.685	1190.052	53.39026	57.09856	604.8179	1191.288
SDev	4.60911	5.580	6.250	2.28060	.37112	1.1379	3.167
%RSD	7.613607	.4745901	.5251747	4.271574	.6499571	.1881415	.2658724
#1	63.79700	1179.631	1185.632	51.77763	57.36098	604.0132	1189.049
#2	57.27873	1171.740	1194.471	55.00289	56.83615	605.6225	1193.528

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3754.204	261.8578	251.2785	1830.717
SDev	1.080	1.5094	.5078	3.736
%RSD	.0287768	.5764358	.2020742	.2040897
#1	3753.440	260.7905	250.9195	1828.076
#2	3754.968	262.9252	251.6376	1833.360

Method: STL3 Sample Name: 220-7630-A-26-A SD@5 Operator:
Run Time: 12/29/08 17:08:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.78918	5755.222	2.754420	1.590553	204.9473	.2448626	12397.03
SDev	.40373	15.723	.400446	.273280	.7097	.0248827	35.10
%RSD	.7505843	.2731974	14.53830	17.18145	.3462875	10.16189	.2831144
#1	53.50369	5744.104	2.471262	1.783791	204.4455	.2272679	12372.21
#2	54.07466	5766.339	3.037578	1.397315	205.4492	.2624573	12421.84

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.668804	5.511384	13.84458	28.38378	11897.92	764.4427	3567.828
SDev	.171579	.525922	.02284	.09051	50.22	3.2127	6.497
%RSD	25.65460	9.542471	.1649711	.3188882	.4220770	.4202682	.1820965
#1	-.547479	5.883267	13.86073	28.31978	11862.41	762.1710	3563.234
#2	-.790128	5.139501	13.82843	28.44779	11933.43	766.7144	3572.422

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	195.1601	2.153228	254.5389	25.84879	238.0823	-1.47022	7.338139
SDev	.5339	.020575	1.3246	1.00064	.9140	.89691	2.902870
%RSD	.2735655	.9555536	.5203943	3.871120	.3839043	61.00484	39.55867
#1	194.7826	2.167777	255.4755	26.55635	237.4360	-.836013	9.390778
#2	195.5376	2.138679	253.6023	25.14123	238.7286	-2.10443	5.285499

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.787290	236.9527	238.6455	-3.72688	3.048667	20.60287	144.9104
SDev	2.083261	1.9029	2.3203	1.71131	.734349	.17409	.0724
%RSD	74.74146	.8030518	.9722618	45.91809	24.08755	.8449863	.0499606
#1	1.314202	238.2982	237.0048	-2.51680	2.529403	20.72597	144.8593
#2	4.260378	235.6071	240.2861	-4.93696	3.567930	20.47977	144.9616

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	749.9974	12.98919	52.32326	346.3547
SDev	4.5175	.44070	.06341	.1478
%RSD	.6023319	3.392793	.1211795	.0426843
#1	753.1917	13.30080	52.27843	346.4593
#2	746.8030	12.67757	52.36809	346.2502

Method: STL3 Sample Name: 220-7644-B-1-C Operator:
Run Time: 12/29/08 17:14:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.035903	23450.28	38.35513	17.48204	168.8087	1.527154	H116268.9
SDev	.022224	52.20	1.90690	.15252	.2304	.012665	7.4
%RSD	61.89839	.2225995	4.971699	.8724250	.1364992	.8293399	.0063715
#1	-.020189	23413.37	37.00674	17.58988	168.9716	1.518198	H116263.7
#2	-.051618	23487.19	39.70351	17.37419	168.6458	1.536110	H116274.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.43132	17.54952	29.60637	54.73643	47483.73	4131.171	17491.97
SDev	.24951	.32376	.39593	.05651	11.91	16.064	18.33
%RSD	17.43202	1.844809	1.337312	.1032411	.0250888	.3888460	.1047725
#1	-1.60775	17.77845	29.88633	54.69647	47492.15	4119.812	17504.93
#2	-1.25489	17.32059	29.32641	54.77639	47475.31	4142.530	17479.01

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1231.330	2.822475	2035.601	43.26060	189.6075	3.339252	-1.23596
SDev	.997	.061726	12.776	.34632	1.0633	.986085	1.59734
%RSD	.0809870	2.186931	.6276279	.8005413	.5608147	29.53011	129.2386
#1	1232.035	2.778828	2026.567	43.01572	190.3594	4.036519	-.106472
#2	1230.624	2.866122	2044.635	43.50549	188.8556	2.641984	-2.36546

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.379851	191.8973	188.4637	4.513465	.9861984	55.38542	155.0964
SDev	1.672048	3.3800	.0933	.603221	1.752821	.09830	.3039
%RSD	31.07983	1.761376	.0494871	13.36491	177.7351	.1774907	.1959146
#1	6.562168	194.2874	188.3978	4.940006	2.225630	55.45493	155.3113
#2	4.197535	189.5073	188.5297	4.086923	-.253233	55.31591	154.8816

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3663.924	12.50688	327.1626	463.3491
SDev	5.032	.79393	1.0462	.8952
%RSD	.1373511	6.347926	.3197673	.1932048
#1	3660.365	13.06827	326.4228	462.7161
#2	3667.482	11.94549	327.9023	463.9821

Method: STL3 Sample Name: 220-7662-A-1-D Operator:
Run Time: 12/29/08 17:20:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.105552	16915.31	15.72863	106.8731	1845.383	17.29010	7346.526
SDev	.083297	85.13	.20715	.4918	.668	.01350	10.787
%RSD	3.956048	.5032988	1.316996	.4601774	.0362081	.0780899	.1468290
#1	2.046653	16855.11	15.58215	106.5253	1844.910	17.28055	7338.898
#2	2.164452	16975.51	15.87510	107.2209	1845.855	17.29965	7354.153

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.34293	90.38866	222.3756	860.9517	H220339.2	2601.150	1695.080
SDev	1.30709	.77665	.4293	1.5616	891.8	1.607	.213
%RSD	1.342773	.8592291	.1930598	.1813856	.4047520	.0617622	.0125472
#1	96.41867	89.83948	222.0720	859.8475	H219708.6	2602.286	1695.231
#2	98.26718	90.93783	222.6792	862.0560	H220969.8	2600.014	1694.930

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1706.494	70.98379	14087.05	256.2238	21778.01	8.148735	62.53245
SDev	3.012	.32920	29.70	1.7135	61.96	2.757068	.84267
%RSD	.1765035	.4637697	.2108065	.6687410	.2845019	33.83431	1.347577
#1	1704.364	70.75101	14108.05	257.4354	21734.20	6.199194	61.93659
#2	1708.624	71.21657	14066.05	255.0122	21821.82	10.09828	63.12831

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.57014	21583.69	21875.03	1.621458	21.22189	30.90157	11034.27
SDev	3.73612	22.77	104.26	1.363864	5.54766	.83151	12.15
%RSD	12.22148	.1054820	.4766083	84.11346	26.14121	2.690850	.1101298
#1	33.21198	21599.79	21801.31	.6570601	17.29910	30.31360	11042.86
#2	27.92830	21567.59	21948.75	2.585856	25.14468	31.48954	11025.68

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3680.882	163.2577	819.7417	5450.946
SDev	15.516	3.5264	.0960	4.930
%RSD	.4215328	2.160031	.0117091	.0904379
#1	3669.910	160.7641	819.6738	5447.460
#2	3691.854	165.7512	819.8096	5454.432

Method: STL3 Sample Name: MB 220-23238/1-A Operator:
Run Time: 12/29/08 17:26:01
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.148442	-1.12602	.7978345	.5692483	1.052549	-.237005	L-17.5321
SDev	.221224	1.12084	1.265864	.1542013	.036868	.025262	.3220
%RSD	149.0308	99.53989	158.6625	27.08858	3.502690	10.65896	1.836641
#1	-.304871	-1.91858	-.097266	.4602116	1.078618	-.219141	L-17.7598
#2	.0079872	-.333468	1.692935	.6782851	1.026480	-.254868	L-17.3044

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.220610	-.129106	.0318251	12.92245	22.45585	12.49464	-.985981
SDev	.211502	.064034	.1584438	.02275	8.67939	9.63823	.695743
%RSD	95.87178	49.59814	497.8576	.1760491	38.65093	77.13894	70.56354
#1	-.370164	-.174385	-.080212	12.93854	28.59310	5.679379	-.494017
#2	-.071055	-.083827	.1438618	12.90636	16.31859	19.30990	-1.47795

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.320615	1.163907	9.215307	-.024684	2.214834	.4170662	-1.18334
SDev	.000060	.061725	.405925	.999555	.531316	.7919539	.26150
%RSD	.0187260	5.303294	4.404903	4049.329	23.98898	189.8869	22.09851
#1	-.320572	1.120261	9.502340	-.731476	2.590532	-.142930	-.998432
#2	-.320657	1.207553	8.928275	.6821076	1.839137	.9770621	-1.36825

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9466330	3.974534	1.335654	.4270389	.3958896	-.845806	.8545463
SDev	1.799259	.932398	1.262147	.8949948	.5855624	.666986	.3033826
%RSD	190.0693	23.45931	94.49656	209.5816	147.9105	78.85801	35.50218
#1	-.325635	3.315229	2.228126	-.205818	-.018165	-.374176	.6400225
#2	2.218901	4.633840	.4431811	1.059896	.8099447	-1.31744	1.069070

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11.75287	3.396151	-.149871	2.599227
SDev	1.00185	4.093846	.004016	1.867664
%RSD	8.524300	120.5437	2.679394	71.85460
#1	12.46129	6.290937	-.147031	3.919864
#2	11.04446	.5013640	-.152710	1.278589

Method: STL3 Sample Name: LCS 220-23238/2-A Operator:
Run Time: 12/29/08 17:31:45
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	314.6874	5800.823	1024.015	1021.274	300.4425	110.5857	31246.78
SDev	1.7975	51.719	.876	8.139	1.8111	.9588	359.68
%RSD	.5712164	.8915730	.0855147	.7969607	.6028173	.8670109	1.151085
#1	313.4164	5764.253	1023.396	1015.519	299.1619	109.9077	30992.45
#2	315.9585	5837.394	1024.634	1027.029	301.7232	111.2637	31501.11

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	311.2529	314.3846	320.1938	303.4389	25345.61	18971.35	15019.58
SDev	1.1089	2.0508	3.7365	1.6958	143.58	104.41	134.05
%RSD	.3562595	.6523150	1.166963	.5588677	.5664939	.5503712	.8925059
#1	310.4688	312.9345	317.5517	302.2398	25244.09	18897.52	14924.79
#2	312.0370	315.8347	322.8359	304.6380	25447.14	19045.19	15114.36

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.5472	1069.733	30547.34	303.2480	1027.820	508.9245	1034.409
SDev	.6350	5.185	247.27	1.5670	10.955	3.2139	3.487
%RSD	.2959571	.4846969	.8094757	.5167227	1.065896	.6315159	.3371281
#1	214.0982	1066.066	30372.49	302.1399	1020.073	511.1971	1031.943
#2	214.9962	1073.399	30722.19	304.3560	1035.567	506.6519	1036.875

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1030.932	1019.323	1032.062	505.3961	515.9908	315.7136	318.5829
SDev	1.484	1.811	15.521	3.2073	3.2273	3.7141	2.1119
%RSD	.1439852	.1776850	1.503875	.6346141	.6254478	1.176415	.6629147
#1	1031.981	1018.043	1021.087	507.6640	518.2729	313.0873	317.0896
#2	1029.882	1020.604	1043.036	503.1282	513.7089	318.3398	320.0763

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1027.219	1071.888	-.588150	1054.268
SDev	2.488	3.862	.000465	2.326
%RSD	.2422403	.3602572	.0789837	.2206003
#1	1025.460	1069.157	-.588478	1052.624
#2	1028.979	1074.618	-.587821	1055.913

Method: STL3 Sample Name: LB 220-23174/1-B Operator:
Run Time: 12/29/08 17:37:29
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2272467	1.346218	-.276670	1.685084	2.378827	-.316864	-.227689
SDev	.0114184	3.643148	.572775	.770935	.069127	.037179	.644004
%RSD	5.024682	270.6210	207.0248	45.75052	2.905917	11.73343	282.8436
#1	.2353207	3.922312	.1283434	2.230218	2.329947	-.343154	-.683068
#2	.2191726	-1.22988	-.681683	1.139951	2.427707	-.290574	.2276904

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.202126	.7941935	.5285116	1.470716	8.381234	37.48386	4.589982
SDev	.252462	.8133792	.4304759	.035065	4.007760	6.42549	1.159573
%RSD	124.9034	102.4158	81.45060	2.384242	47.81825	17.14201	25.26312
#1	-.380643	.2190475	.2241192	1.445920	5.547320	42.02737	3.770040
#2	-.023608	1.369339	.8329040	1.495510	11.21515	32.94035	5.409924

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.263548	4.277359	H157465.5	.0298476	.4276077	3.291760	-1.17943
SDev	.000093	2.613046	467.4	.7631838	.1132170	1.212622	.49868
%RSD	.0353904	61.09018	.2968113	2556.934	26.47684	36.83812	42.28157
#1	-.263614	6.125062	H157796.0	-.509805	.3475512	4.149214	-.826810
#2	-.263482	2.429656	H157135.0	.5695001	.5076641	2.434307	-1.53205

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.183032	2.580274	-.647762	3.632124	2.608908	.0623184	7.862984
SDev	.662844	3.851473	2.092661	3.210017	2.788023	1.036466	.531058
%RSD	56.02929	149.2661	323.0603	88.37849	106.8655	1663.178	6.753900
#1	1.651734	5.303677	-2.12750	5.901949	.6374779	-.670574	7.487469
#2	.7143302	-.143129	.8319731	1.362300	4.580338	.7952108	8.238499

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	30.31794	-1.37324	-.022673	.2532028
SDev	.36911	2.82550	.008004	.2885391
%RSD	1.217462	205.7547	35.30312	113.9558
#1	30.05694	-3.37117	-.028333	.4572308
#2	30.57894	.6246936	-.017013	.0491748

Method: STL3 Sample Name: 220-7561-B-1-A Operator:
Run Time: 12/29/08 17:43:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.093511	12.02792	-.153951	9.749750	43.10890	-.325867	60330.06
SDev	.188075	6.45881	1.951391	.135069	.35024	.099655	906.43
%RSD	201.1267	53.69847	1267.537	1.385357	.8124626	30.58148	1.502458
#1	-.226500	16.59500	1.225891	9.845258	42.86124	-.255401	59689.11
#2	.0394784	7.460856	-1.53379	9.654242	43.35656	-.396334	60971.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.478993	-.311439	1.738830	.3354627	24.36749	2655.671	26956.88
SDev	.065491	.264622	.600114	.0790249	3.27888	4.819	246.76
%RSD	13.67274	84.96738	34.51249	23.55698	13.45597	.1814631	.9153758
#1	-.525302	-.498555	1.314486	.2795837	26.68601	2652.264	26782.40
#2	-.432683	-.124323	2.163174	.3913418	22.04897	2659.079	27131.37

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.894794	1.774958	28346.95	1.048062	-.377941	1.043763	1.163982
SDev	.030261	.720131	121.03	.771828	.247787	.583522	1.098713
%RSD	1.597057	40.57170	.4269591	73.64334	65.56235	55.90556	94.39269
#1	1.873396	1.265749	28261.37	.5022970	-.553154	1.456375	.3870738
#2	1.916191	2.284168	28432.53	1.593826	-.202729	.6311510	1.940889

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.906680	3.051353	-2.09082	2.172385	-1.21797	.6132535	1.818553
SDev	2.535676	2.232136	1.48589	1.887357	2.02792	.4530034	.000868
%RSD	42.92895	73.15233	71.06741	86.87949	166.5001	73.86887	.0477287
#1	4.113687	4.629711	-3.14150	3.506948	-2.65193	.2929317	1.817939
#2	7.699674	1.472995	-1.04013	.8378221	.2159873	.9335753	1.819167

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11825.47	L-13.9241	271.3798	-.377857
SDev	120.22	1.0890	1.4402	.055545
%RSD	1.016613	7.820709	.5306857	14.69997
#1	11740.46	L-14.6941	270.3614	-.338581
#2	11910.47	L-13.1541	272.3981	-.417133

Method: STL3 Sample Name: CCV Operator:
Run Time: 12/29/08 17:49:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.60017	4846.856	523.9115	490.9044	483.1234	502.9669	5170.608
SDev	.29895	18.577	.8113	1.2888	.4193	1.1698	7.406
%RSD	.5577357	.3832741	.1548527	.2625305	.0867994	.2325728	.1432322
#1	53.38878	4833.721	524.4852	489.9931	483.4199	503.7941	5175.845
#2	53.81155	4859.992	523.3378	491.8157	482.8268	502.1398	5165.371

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.4842	522.2125	519.5730	491.7622	5081.714	37845.02	4946.435
SDev	.9079	.3231	1.3935	.3285	8.993	69.07	3.700
%RSD	.1768161	.0618682	.2681922	.0668094	.1769712	.1825147	.0747920
#1	512.8422	522.4409	520.5583	491.9945	5075.355	37796.18	4949.051
#2	514.1262	521.9840	518.5877	491.5299	5088.073	37893.86	4943.819

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	521.6683	520.8922	39031.27	496.2907	510.9814	504.3959	498.2761
SDev	1.7224	.4938	92.31	.1194	3.3473	3.1354	.2425
%RSD	.3301729	.0948024	.2365112	.0240623	.6550682	.6216217	.0486649
#1	520.4504	520.5430	38966.00	496.3752	508.6146	506.6130	498.4475
#2	522.8863	521.2413	39096.55	496.2063	513.3483	502.1788	498.1046

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.0823	505.9391	513.4981	502.6663	507.8591	505.1677	519.5746
SDev	3.0692	2.5952	3.7226	6.1875	2.9779	1.9004	1.6673
%RSD	.6028902	.5129470	.7249542	1.230942	.5863689	.3761862	.3208877
#1	511.2526	504.1040	510.8657	507.0415	505.7534	506.5114	520.7535
#2	506.9121	507.7741	516.1303	498.2910	509.9648	503.8239	518.3956

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	542.8469	499.3918	512.8126	503.1639
SDev	11.1284	6.8306	.7779	1.2466
%RSD	2.050005	1.367782	.1516902	.2477581
#1	550.7158	494.5618	512.2625	502.2824
#2	534.9779	504.2217	513.3626	504.0454

Method: STL3 Sample Name: CCB Operator:
Run Time: 12/29/08 17:54:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.019199	10.04951	-.959832	.0409805	.0260693	-.264079	7.855300
SDev	.160101	2.21255	1.513938	.0969543	.0046085	.112140	.805003
%RSD	833.9225	22.01652	157.7294	236.5864	17.67766	42.46474	10.24789
#1	-.132407	8.484997	.1106834	-.027577	.0228107	-.184784	7.286077
#2	.0940100	11.61402	-2.03035	.1095375	.0293280	-.343374	8.424522

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.175842	.4205635	.0399941	-.849362	-.602777	5.679379	.9825154
SDev	.098689	.1131460	.2831526	.168940	9.775202	.000000	2.086842
%RSD	56.12350	26.90343	707.9852	19.89023	1621.693	.0000000	212.3979
#1	-.245625	.3405572	-.160225	-.729903	6.309334	5.679379	-.493105
#2	-.106059	.5005698	.2402133	-.968820	-7.51489	5.679379	2.458136

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.220850	2.997061	12.43311	-1.08076	.2679389	2.552997	5.366468
SDev	.060406	1.913491	1.83736	.04290	.1152783	.355886	3.725150
%RSD	27.35182	63.84556	14.77795	3.969736	43.02410	13.93994	69.41530
#1	-.178136	4.350103	13.73232	-1.05042	.1864249	2.301347	8.000547
#2	-.263563	1.644019	11.13390	-1.11110	.3494530	2.804647	2.732389

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3776331	1.041236	-.118730	3.852001	-.050013	-.370869	-1.01795
SDev	2.738177	.999963	.672063	.642083	.217508	.400685	.68229
%RSD	725.0892	96.03618	566.0446	16.66882	434.9015	108.0394	67.02601
#1	2.313817	1.748317	-.593950	3.397980	.1037884	-.654196	-1.50041
#2	-1.55855	.3341553	.3564907	4.306023	-.203815	-.087542	-.535499

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-12.5835	4.682973	.0593636	-.083534
SDev	1.3668	2.443578	.0040258	.233043
%RSD	10.86179	52.18005	6.781537	278.9786
#1	-11.6171	6.410844	.0622103	.0812519
#2	-13.5500	2.955103	.0565170	-.248320

Method: STL3 Sample Name: 220-7561-B-1-B DU Operator:
Run Time: 12/29/08 18:00:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0394731	42.18257	-3.17484	9.619902	44.59159	-.334637	60545.11
SDev	.2321645	5.94006	.41051	.499608	.17973	.037319	740.45
%RSD	588.1579	14.08180	12.93004	5.193484	.4030588	11.15221	1.222965
#1	-.124692	46.38283	-3.46512	9.266625	44.46450	-.308248	60021.54
#2	.2036382	37.98231	-2.88457	9.973178	44.71868	-.361026	61068.68

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.593619	-.188339	1.994705	-.632584	103.9648	2686.340	27177.61
SDev	.433690	.378443	.282997	.158697	4.5883	6.426	100.65
%RSD	73.05862	200.9369	14.18741	25.08705	4.413275	.2391950	.3703498
#1	-.900283	-.455939	1.794596	-.744799	100.7204	2690.883	27106.44
#2	-.286954	.0792605	2.194814	-.520368	107.2092	2681.796	27248.78

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.443210	1.294847	28703.86	.1871219	1.524214	1.504034	.4185436
SDev	.060422	.781856	33.12	.6684552	1.686729	1.016471	.2754150
%RSD	2.473040	60.38215	.1153686	357.2297	110.6622	67.58296	65.80319
#1	2.400485	1.847703	28727.27	.6597911	.3315171	.7852809	.6132914
#2	2.485934	.7419909	28680.44	-.285547	2.716911	2.222788	.2237958

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.721424	4.030989	.2719064	1.183506	2.144954	-.075221	1.118374
SDev	.268188	1.593116	1.733464	.992415	1.064514	.230978	.529968
%RSD	9.854693	39.52173	637.5224	83.85383	49.62875	307.0671	47.38739
#1	2.531787	2.904485	-.953838	.4817626	1.392229	.0881055	.7436297
#2	2.911062	5.157492	1.497651	1.885249	2.897679	-.238547	1.493118

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11907.92	L-14.4433	274.0540	-.532299
SDev	76.92	1.7071	.8463	.027405
%RSD	.6459855	11.81941	.3088207	5.148460
#1	11853.52	L-13.2362	273.4556	-.551677
#2	11962.31	L-15.6504	274.6525	-.512920

Method: STL3 Sample Name: 220-7561-B-1-C MS Operator:
Run Time: 12/29/08 18:06:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.33369	2065.069	40.53419	1038.445	2012.768	53.53540	74122.48
SDev	.57131	13.310	.14048	7.439	3.037	.56127	1063.42
%RSD	1.112926	.6445409	.3465795	.7163382	.1508895	1.048408	1.434675
#1	50.92972	2055.657	40.63353	1033.185	2010.620	53.13853	73370.53
#2	51.73767	2074.481	40.43486	1043.705	2014.915	53.93228	74874.43

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.32103	526.5305	212.0512	257.7951	1050.630	14384.70	39635.89
SDev	.25343	4.7164	2.5124	.6293	2.893	72.29	219.88
%RSD	.4938158	.8957569	1.184818	.2441056	.2753497	.5025283	.5547562
#1	51.50023	523.1955	210.2747	257.3501	1048.584	14333.58	39480.41
#2	51.14183	529.8655	213.8278	258.2400	1052.675	14435.81	39791.38

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	530.3521	1054.500	41109.91	497.9120	19.52766	57.09595	1132.153
SDev	4.2312	12.571	205.85	2.4555	1.11315	.76306	6.888
%RSD	.7978184	1.192170	.5007264	.4931499	5.700390	1.336460	.6083596
#1	527.3602	1045.611	40964.36	496.1757	18.74055	56.55638	1127.282
#2	533.3441	1063.389	41255.47	499.6483	20.31478	57.63551	1137.023

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.31166	23.22607	17.68043	59.11484	53.05109	519.0392	519.1555
SDev	4.81933	2.09931	.62110	.65977	.96997	3.9168	6.5044
%RSD	9.212733	9.038581	3.512917	1.116078	1.828376	.7546325	1.252881
#1	48.90388	21.74163	17.24125	58.64831	52.36521	516.2695	514.5562
#2	55.71944	24.71050	18.11962	59.58137	53.73696	521.8088	523.7548

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	13657.67	1045.891	293.5749	1042.519
SDev	118.75	10.427	1.3006	6.225
%RSD	.8694577	.9969879	.4430212	.5971187
#1	13573.70	1038.518	292.6552	1038.117
#2	13741.64	1053.264	294.4946	1046.921

Method: STL3 Sample Name: 220-7561-B-1-A PDS Operator:
Run Time: 12/29/08 18:12:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.13350	2028.183	40.09252	217.4300	2024.720	55.23558	69987.86
SDev	.10483	4.606	1.71697	.8871	9.268	.22382	241.99
%RSD	.1972885	.2271185	4.282525	.4079977	.4577253	.4052184	.3457610
#1	53.05937	2024.926	38.87844	218.0573	2018.167	55.07731	69816.75
#2	53.20762	2031.440	41.30661	216.8028	2031.274	55.39384	70158.98

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.84259	539.4002	218.8971	259.5259	1070.017	13323.79	36769.00
SDev	.02220	.5202	.4298	1.0876	7.550	4.82	198.76
%RSD	.0412305	.0964462	.1963347	.4190600	.7056080	.0361701	.5405580
#1	53.85829	539.0323	219.2010	258.7569	1064.678	13327.20	36628.45
#2	53.82689	539.7680	218.5932	260.2949	1075.356	13320.39	36909.54

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	547.1928	214.9009	37912.46	513.0297	21.47433	53.65217	308.9312
SDev	1.5314	2.7982	49.18	2.9641	.44729	.31051	1.0199
%RSD	.2798627	1.302101	.1297267	.5777629	2.082884	.5787483	.3301513
#1	546.1099	216.8796	37877.68	510.9338	21.79061	53.87174	308.2100
#2	548.2756	212.9223	37947.23	515.1257	21.15805	53.43261	309.6524

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.33784	24.78915	19.81855	54.43385	52.08537	528.4032	540.9077
SDev	4.81340	1.61693	1.47792	.42818	1.79027	1.7768	3.4052
%RSD	8.394799	6.522716	7.457231	.7866104	3.437176	.3362559	.6295336
#1	53.93425	23.64581	20.86360	54.13108	53.35128	527.1468	538.4999
#2	60.74142	25.93249	18.77351	54.73662	50.81947	529.6596	543.3156

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11890.22	199.8914	268.4698	208.2982
SDev	24.48	4.9748	.0492	.3751
%RSD	.2059252	2.488762	.0183183	.1800888
#1	11872.91	203.4092	268.5046	208.5635
#2	11907.53	196.3737	268.4350	208.0330

Method: STL3 Sample Name: 220-7630-A-21-B SD@5 Operator:
Run Time: 12/29/08 18:17:51
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0133477	25.28908	.7162548	7.357540	15.28641	-.255362	4526.246
SDev	.1050794	5.03549	.9454173	.288447	.09217	.074693	6.118
%RSD	787.2457	19.91171	131.9946	3.920427	.6029459	29.24997	.1351701
#1	.0876501	28.84971	.0477438	7.153577	15.35158	-.308178	4521.919
#2	-.060955	21.72845	1.384766	7.561503	15.22123	-.202546	4530.572

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3290235	.3777648	.3652134	.2790657	8.985455	126.0820	50.41809
SDev	.2366232	.1752867	.0679101	.0226455	1.640633	3.2127	.46422
%RSD	71.91681	46.40102	18.59463	8.114756	18.25877	2.548141	.9207348
#1	.1617056	.5017113	.4132331	.2630529	7.825352	123.8102	50.74634
#2	.4963414	.2538184	.3171937	.2950785	10.14556	128.3537	50.08984

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.51803	2.604242	50767.95	.0840663	28532.88	-.631605	3.196968
SDev	.06045	.123451	123.59	.2390167	77.98	.288845	3.267913
%RSD	.5248705	4.740374	.2434499	284.3191	.2732961	45.73188	102.2191
#1	11.56078	2.691535	50855.34	-.084944	28477.74	-.427361	5.507731
#2	11.47529	2.516949	50680.56	.2530767	28588.02	-.835849	.8862047

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.48922	28242.62	28677.79	-.044467	-1.80874	.1322771	208.2148
SDev	2.40271	37.17	98.35	.155748	1.17951	.1497656	.9078
%RSD	96.52473	.1316049	.3429627	350.2583	65.21138	113.2211	.4359939
#1	-.790244	28216.34	28608.25	-.154597	-.974707	.2381773	208.8568
#2	-4.18819	28268.90	28747.34	.0656640	-2.64278	.0263768	207.5729

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	86.84499	.0206976	17.95912	-.240565
SDev	3.30660	1.324627	.03621	.084975
%RSD	3.807474	6399.907	.2016163	35.32316
#1	89.18310	.9573501	17.98473	-.180478
#2	84.50687	-.915955	17.93352	-.300651

Method: STL3 Sample Name: 220-~~7564~~ 7654-B-1-A Operator:
Run Time: 12/29/08 18:23:36 MP 12/29/08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.072924	24.70869	-2.42870	202.2955	222.2280	-.466603	86106.70
SDev	.199168	7.05790	.05656	.9050	.9263	.099615	943.63
%RSD	273.1172	28.56445	2.328763	.4473700	.4168229	21.34899	1.095883
#1	-.213757	19.71800	-2.38871	202.9355	221.5730	-.537041	85439.46
#2	.0679090	29.69937	-2.46869	201.6556	222.8830	-.396164	86773.95

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.027724	.1795259	1.406079	.9307136	86.28629	24917.65	30687.72
SDev	.259841	.6733011	.113113	.0451083	1.31294	44.98	94.86
%RSD	937.2528	375.0441	8.044553	4.846640	1.521606	.1805036	.3091005
#1	-.211459	-.296570	1.326096	.8988172	85.35790	24885.85	30620.64
#2	.1560114	.6556216	1.486062	.9626100	87.21468	24949.45	30754.79

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.27269	14.43245	H167413.2	5.677940	2.046166	2.587861	.9052149
SDev	.34248	.34978	110.9	.454827	.968235	1.578218	1.368315
%RSD	.7914411	2.423550	.0662464	8.010420	47.31946	60.98544	151.1592
#1	43.03052	14.18512	H167491.6	5.356329	2.730811	1.471892	-.062330
#2	43.51486	14.67978	H167334.8	5.999552	1.361521	3.703830	1.872760

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.365882	4.904693	.6181956	4.013940	-.269580	-.269275	5.177959
SDev	2.667843	1.433636	.7358124	1.128471	2.479064	.243767	.226755
%RSD	112.7631	29.22987	119.0258	28.11380	919.6009	90.52689	4.379231
#1	4.252331	5.918426	1.138494	3.215991	-2.02254	-.096906	5.017619
#2	.4794320	3.890960	.0978976	4.811890	1.483382	-.441644	5.338299

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4859.585	L-10.8842	514.7271	-.343730
SDev	36.379	1.7367	1.3873	.026524
%RSD	.7486042	15.95583	.2695181	7.716436
#1	4833.861	-9.65624	513.7461	-.324975
#2	4885.309	L-12.1123	515.7081	-.362485

Method: STL3 Sample Name: 220-7623-A-1-A Operator:
Run Time: 12/29/08 18:29:20
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0122247	1867.089	.4086741	20.13544	25.31984	38.63732	2678.315
SDev	.0718178	1.405	.3608765	.63210	.17973	.07467	21.896
%RSD	587.4791	.0752774	88.30421	3.139263	.7098401	.1932641	.8175277
#1	.0630076	1866.095	.6638523	19.68847	25.19275	38.58452	2662.832
#2	-.038558	1868.082	.1534959	20.58240	25.44693	38.69013	2693.798

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0781884	24.74082	65.67459	1411.495	274.3602	705.3773	1769.809
SDev	.0760539	.20354	.79220	7.910	9.4757	3.2127	8.355
%RSD	97.27013	.8226846	1.206257	.5604157	3.453729	.4554536	.4720671
#1	.1319667	24.59690	65.11442	1405.902	267.6599	703.1056	1763.901
#2	.0244101	24.88475	66.23476	1417.088	281.0605	707.6490	1775.716

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	135.6093	1.353042	39893.06	252.0313	2.307687	-.193958	-.748372
SDev	.8966	.164601	68.15	3.2891	.762637	1.711126	1.830692
%RSD	.6611436	12.16528	.1708391	1.305027	33.04767	882.2129	244.6232
#1	134.9753	1.469433	39844.86	249.7056	2.846952	-1.40391	-2.04287
#2	136.2432	1.236651	39941.25	254.3571	1.768421	1.015991	.5461227

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.252476	6.311523	.3080204	.4378759	-1.46063	.0804197	197.0188
SDev	1.805516	.687759	1.486818	2.374407	.38243	.2950509	2.1194
%RSD	144.1557	10.89687	482.7011	542.2558	26.18267	366.8887	1.075730
#1	-.024217	5.825204	1.359360	-1.24108	-1.73104	-.128213	195.5201
#2	2.529168	6.797842	-.743319	2.116835	-1.19021	.2890522	198.5174

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3657.120	-7.67492	21.88430	-.125627
SDev	25.534	1.56027	.07972	.021806
%RSD	.6981916	20.32949	.3642745	17.35747
#1	3639.064	-8.77820	21.82793	-.141046
#2	3675.175	-6.57164	21.94067	-.110208

Method: STL3 Sample Name: 220-7635-F-1-D Operator:
Run Time: 12/29/08 18:35:04
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.448699	1303.419	.1493641	16.52570	87.13674	-.367434	98213.77
SDev	.082858	10.479	1.788636	.44363	.61292	.112059	1142.14
%RSD	1.862530	.8039448	1197.500	2.684462	.7034053	30.49760	1.162915
#1	4.507289	1296.009	1.414121	16.83939	86.70334	-.288197	97406.16
#2	4.390110	1310.828	-1.11539	16.21201	87.57014	-.446671	99021.39

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.333570	1.575519	3.456147	2.935758	2539.198	4691.156	H159080.9
SDev	.071277	.117438	.260276	.000060	9.213	40.159	879.2
%RSD	21.36810	7.453917	7.530815	.0020329	.3628489	.8560585	.5526601
#1	-.383970	1.492478	3.272104	2.935800	2532.683	4662.759	H158459.2
#2	-.283169	1.658560	3.640189	2.935715	2545.712	4719.553	H159702.6

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	89.98611	2.997061	46183.31	2.003229	.1518262	2.295643	-.772762
SDev	.44325	.267477	192.67	.308714	.0338886	.216289	.641550
%RSD	.4925730	8.924644	.4171795	15.41081	22.32064	9.421718	83.02032
#1	89.67268	2.807926	46047.07	1.784935	.1757890	2.448583	-.319118
#2	90.29953	3.186196	46319.54	2.221523	.1278633	2.142704	-1.22641

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.262849	4.298902	-1.91940	4.387403	-1.89536	2.268890	22.40502
SDev	6.076415	.222280	.16178	.019290	.61088	.052176	.60585
%RSD	268.5294	5.170625	8.428711	.4396626	32.23032	2.299609	2.704095
#1	-2.03383	4.141727	-1.80501	4.401042	-1.46340	2.231996	22.83343
#2	6.559523	4.456079	-2.03380	4.373763	-2.32731	2.305784	21.97662

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9048.549	L-18.7727	1838.066	10.99201
SDev	69.127	1.9131	5.665	.02871
%RSD	.7639599	10.19103	.3081792	.2612182
#1	8999.668	L-17.4199	1834.060	11.01231
#2	9097.429	L-20.1254	1842.071	10.97171

Method: STL3 Sample Name: MB 220-23231/1-A Operator:
Run Time: 12/29/08 18:40:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.152332	12.47522	-2.92939	-1.68668	.0684320	-.475391	-3.41535
SDev	.138350	1.21492	.31707	.23100	.0184338	.112002	1.61001
%RSD	90.82159	9.738689	10.82365	13.69572	26.93740	23.56003	47.14047
#1	-.054504	13.33429	-2.70519	-1.85002	.0553973	-.554589	-2.27690
#2	-.250160	11.61614	-3.15359	-1.52333	.0814667	-.396194	-4.55380

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.252014	-.203601	-.152175	-1.10466	3.660448	9.087025	3.279307
SDev	.345877	.349324	.260506	.25995	5.993792	1.606350	1.623465
%RSD	137.2451	171.5728	171.1885	23.53198	163.7448	17.67740	49.50635
#1	-.496586	-.450610	-.336381	-.920851	7.898699	7.951164	4.427271
#2	-.007442	.0434083	.0320307	-1.28847	-.577804	10.22289	2.131344

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.071266	1.120261	46.46932	-.354392	.3725960	-.417142	-.869153
SDev	.010041	.740706	7.37079	.120444	.1047277	.463125	1.806724
%RSD	14.08928	66.11908	15.86162	33.98618	28.10758	111.0233	207.8718
#1	-.064166	1.644019	51.68126	-.439559	.4466497	-.089663	-2.14670
#2	-.078366	.5965024	41.25739	-.269225	.2985424	-.744620	.4083940

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.557820	2.898888	-.889406	-.385206	-.482110	-.390638	-.750149
SDev	.666680	1.712619	1.011968	.681074	.026571	.363445	.150439
%RSD	42.79569	59.07848	113.7802	176.8078	5.511397	93.03905	20.05448
#1	1.086406	1.687883	-.173836	.0963863	-.463322	-.647632	-.643773
#2	2.029234	4.109892	-1.60498	-.866798	-.500899	-.133643	-.856525

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6.206507	3.600551	-.005598	-.248558
SDev	.281174	1.442162	.024019	.029603
%RSD	4.530317	40.05392	429.0960	11.91004
#1	6.405327	2.580789	.0113866	-.227625
#2	6.007687	4.620313	-.022582	-.269490

Method: STL3 Sample Name: LCS 220-23231/2-A Operator:
Run Time: 12/29/08 18:46:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	331.6639	5997.595	1098.370	1087.069	306.7513	112.1192	32838.45
SDev	.7590	4.063	1.718	3.354	.9724	.3243	104.49
%RSD	.2288606	.0677455	.1563866	.3085607	.3169928	.2892675	.3181989
#1	331.1271	6000.468	1097.155	1084.697	307.4389	111.8898	32764.56
#2	332.2006	5994.722	1099.584	1089.441	306.0637	112.3485	32912.34

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	330.0530	332.7703	334.2494	309.3224	26486.99	20701.29	15638.37
SDev	.2548	2.7078	1.4712	.6608	105.59	6.43	17.85
%RSD	.0772018	.8137079	.4401646	.2136275	.3986520	.0310421	.1141310
#1	329.8729	330.8556	333.2090	309.7897	26412.33	20705.83	15650.99
#2	330.2332	334.6849	335.2897	308.8552	26561.66	20696.75	15625.75

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	225.7316	1125.978	31668.98	320.1032	1098.550	567.8327	1096.667
SDev	1.2593	11.728	14.70	1.3515	1.849	.6486	4.894
%RSD	.5578592	1.041570	.0464136	.4221954	.1682962	.1142210	.4462995
#1	224.8411	1117.686	31679.37	321.0589	1097.243	567.3741	1100.128
#2	226.6220	1134.271	31658.59	319.1476	1099.857	568.2913	1093.206

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1104.110	1090.713	1102.462	563.1503	577.2104	328.2655	334.7272
SDev	3.568	7.803	1.124	.8356	3.6214	.7894	1.8833
%RSD	.3231943	.7154385	.1019629	.1483777	.6274002	.2404791	.5626442
#1	1106.633	1085.195	1103.257	563.7411	574.6497	327.7073	333.3955
#2	1101.587	1096.231	1101.667	562.5594	579.7711	328.8237	336.0590

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1049.879	1131.873	-.573385	1105.363
SDev	6.615	6.099	.006203	3.078
%RSD	.6300532	.5388312	1.081859	.2784266
#1	1054.557	1127.560	-.568999	1103.187
#2	1045.202	1136.185	-.577771	1107.539

Method: STL3 Sample Name: 220-7662-A-2-B Operator:
Run Time: 12/29/08 18:52:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.10112	3339.771	3.757475	30.54680	320.0402	3.474946	1910.659
SDev	.15447	7.471	1.393714	.94711	1.3595	.000626	9.177
%RSD	.8533755	.2237049	37.09178	3.100505	.4247869	.0180185	.4803067
#1	17.99190	3334.488	4.742979	31.21651	319.0789	3.474503	1904.170
#2	18.21035	3345.054	2.771970	29.87710	321.0015	3.475389	1917.148

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.35807	5.442576	55.88603	185.9948	40642.31	467.9798	410.9380
SDev	.41749	.129083	.07877	.0469	244.94	4.8192	3.0216
%RSD	1.583901	2.371726	.1409514	.0252054	.6026742	1.029782	.7352944
#1	26.06286	5.351301	55.83033	185.9617	40469.11	464.5721	408.8014
#2	26.65327	5.533852	55.94173	186.0280	40815.50	471.3875	413.0746

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	356.1619	23.32179	3735.085	31.91441	2667.954	2.009567	25.37644
SDev	1.0476	4.27964	7.606	.49666	1.494	.974306	3.13184
%RSD	.2941433	18.35037	.2036289	1.556212	.0559969	48.48336	12.34153
#1	355.4211	26.34795	3740.463	31.56322	2666.898	2.698505	27.59098
#2	356.9026	20.29563	3729.707	32.26560	2669.010	1.320629	23.16189

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.325865	2641.400	2681.210	.2258526	5.581350	6.072563	2102.803
SDev	2.131204	4.520	.017	1.277864	.366277	.469458	12.624
%RSD	22.85261	.1711172	.0006245	565.7956	6.562516	7.730798	.6003497
#1	10.83285	2638.204	2681.222	1.129439	5.840347	6.404520	2093.876
#2	7.818876	2644.596	2681.198	-.677734	5.322353	5.740606	2111.729

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1853.907	33.88652	178.2282	1446.969
SDev	10.629	4.61343	.1281	2.518
%RSD	.5733041	13.61435	.0718769	.1740450
#1	1846.392	37.14871	178.1376	1445.188
#2	1861.423	30.62434	178.3188	1448.749

Method: STL3 Sample Name: CCV Operator:
Run Time: 12/29/08 18:58:01
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.99419	4804.012	518.6346	486.4506	479.2097	498.4335	5127.119
SDev	.44750	2.986	.6257	3.5984	2.5439	.4105	9.982
%RSD	.8444241	.0621465	.1206373	.7397333	.5308498	.0823495	.1946972
#1	53.31061	4801.901	518.1922	483.9062	477.4109	498.1433	5134.178
#2	52.67776	4806.123	519.0770	488.9951	481.0085	498.7238	5120.060

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.2280	520.7677	516.4586	488.1689	5040.602	37582.63	4896.900
SDev	1.0283	2.2991	.1129	2.8503	3.664	131.72	22.729
%RSD	.2007572	.4414808	.0218525	.5838775	.0726960	.3504903	.4641563
#1	512.9552	522.3934	516.5384	486.1534	5043.194	37489.49	4880.828
#2	511.5009	519.1420	516.3788	490.1844	5038.012	37675.78	4912.972

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.1224	521.5905	38857.13	492.2256	510.8754	503.7177	490.9458
SDev	.2823	4.0327	79.56	2.2534	2.0460	.5259	2.4694
%RSD	.0542672	.7731580	.2047515	.4577995	.4004866	.1043964	.5029956
#1	519.9228	518.7389	38800.88	490.6322	509.4287	504.0896	489.1997
#2	520.3220	524.4420	38913.39	493.8190	512.3221	503.3459	492.6920

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	519.3499	504.7167	513.9493	500.2856	510.5913	502.3937	516.6849
SDev	3.8692	.8587	2.6388	3.2498	4.9302	1.6756	1.9681
%RSD	.7450150	.1701437	.5134338	.6495854	.9655772	.3335324	.3809107
#1	516.6140	504.1095	512.0834	502.5835	507.1052	501.2088	518.0766
#2	522.0859	505.3239	515.8152	497.9876	514.0774	503.5785	515.2933

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	537.5845	492.0022	511.4727	503.2721
SDev	.0501	5.2678	.2688	.8584
%RSD	.0093127	1.070682	.0525522	.1705549
#1	537.6199	488.2773	511.2826	503.8791
#2	537.5491	495.7271	511.6627	502.6652

Method: STL3 Sample Name: CCB Operator:
Run Time: 12/29/08 19:03:44
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.109190	26.64053	.9791897	.5306901	.0912427	-.255311	8.196836
SDev	.077317	1.92737	.3693520	.3274876	.0138254	.149415	.000000
%RSD	70.80938	7.234731	37.72017	61.70975	15.15229	58.52283	.0000000
#1	-.163861	25.27767	1.240361	.7622588	.1010187	-.360963	8.196836
#2	-.054519	28.00339	.7180184	.2991215	.0814667	-.149658	8.196836

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.252002	.2956552	.1281813	-1.21734	-1.36717	4.543551	2.458455
SDev	.117962	.0020361	.2036510	.12484	2.71787	4.819094	.927722
%RSD	46.80984	.6886644	158.8773	10.25508	198.7959	106.0645	37.73598
#1	-.335414	.2970949	-.015822	-1.30562	-3.28899	1.135937	3.114453
#2	-.168591	.2942155	.2721843	-1.12907	.5546591	7.951164	1.802456

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.213670	2.778829	11.85905	-.812559	-1.61918	1.019277	6.384844
SDev	.010127	1.069909	.76912	.336658	1.54850	1.727748	4.203346
%RSD	4.739620	38.50215	6.485554	41.43177	95.63493	169.5072	65.83319
#1	-.206509	3.535368	12.40290	-1.05061	-2.71413	2.240980	9.357059
#2	-.220831	2.022289	11.31519	-.574506	-.524223	-.202425	3.412629

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.068500	-.172736	-2.34196	.2610871	2.536834	.2566854	-1.28569
SDev	5.605493	1.603100	1.52131	3.463208	1.748242	.5803533	.30218
%RSD	182.6787	928.0631	64.95878	1326.457	68.91434	226.0952	23.50364
#1	-.895183	-1.30630	-3.41769	2.709945	1.300640	.6670572	-1.07201
#2	7.032182	.9608267	-1.26623	-2.18777	3.773028	-.153686	-1.49936

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-9.73048	4.995291	.1075463	.0236089
SDev	.31668	.942059	.0000000	.1627470
%RSD	3.254562	18.85893	.0000000	689.3466
#1	-9.95441	5.661427	.1075463	.1386884
#2	-9.50655	4.329154	.1075463	-.091471

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 23298

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 12/30/08

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W123008 Autosampler Type: TYPE TJA
Sample Positions: 152/192 QC Positions: 2/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	2	10
2	Sample (16mm)	Samples	8	1
3	Sample (16mm)	Samples	48	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	40	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ISA	-NA-	1	QC Standard
7	1	7	ISB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
(18...19	Not Used)					

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-23044/1-A	1	-NA-	Sample
2	1	2	LCS 220-23044/2-A	1	-NA-	Sample
3	1	3	220-7654-B-2-A	1	-NA-	Sample
4	1	4	220-7654-B-3-A	1	-NA-	Sample

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
5	1	5	220-7654-B-4-A	1	-NA-	Sample
6	1	6	220-7623-A-2-A	1	-NA-	Sample
7	1	7	220-7623-A-3-A	1	-NA-	Sample
8	1	8	220-7623-A-4-A	1	-NA-	Sample
9	1	9	220-7607-A-1-A	1	-NA-	Sample
10	1	10	220-7607-A-2-A	1	-NA-	Sample
11	1	11	220-7607-A-3-A	1	-NA-	Sample
12	1	12	220-7607-A-4-A	1	-NA-	Sample
13	2	1	220-7607-A-4-B DU	1	-NA-	Sample
14	2	2	220-7607-A-4-C MS	1	-NA-	Sample
15	2	3	220-7607-A-4-D MSD	1	-NA-	Sample
16	2	4	220-7607-A-4-A SD@5	1	-NA-	Sample
17	2	5	220-7607-A-5-A	1	-NA-	Sample
18	2	6	220-7607-A-6-A	1	-NA-	Sample
19	2	7	220-7607-A-7-A	1	-NA-	Sample
20	2	8	220-7607-A-8-A	1	-NA-	Sample
21	2	9	220-7607-A-9-A	1	-NA-	Sample
22	2	10	220-7607-A-10-A	1	-NA-	Sample
23	2	11	220-7586-C-1-A	1	-NA-	Sample
24	2	12	220-7586-C-2-A	1	-NA-	Sample
25	3	1	220-7586-C-3-A	1	-NA-	Sample
26	3	2	220-7586-C-4-A	1	-NA-	Sample
27	3	3	220-7586-C-6-A	1	-NA-	Sample
28	3	4	220-7588-D-1-A @5	1	-NA-	Sample
29	3	5	220-7588-D-2-A	1	-NA-	Sample
30	3	6	~~(empty)~~ 220-7630-A-20-A @ 10	1	-NA-	-NA-
31	3	7	~~(empty)~~ 220-7586-C-5-A	1	-NA-	-NA-
32	3	8	~~(empty)~~ 220-7607-A-4-A MS	1	-NA-	-NA-
33	3	9	~~(empty)~~ 220-7588-D-2-A @ 10	1	-NA-	-NA-
34	3	10	(empty)	1	-NA-	-NA-
35	3	11	(empty)	1	-NA-	-NA-
36	3	12	(empty)	1	-NA-	-NA-
37	4	1	(empty)	1	-NA-	-NA-
38	4	2	(empty)	1	-NA-	-NA-
39	4	3	(empty)	1	-NA-	-NA-
40	4	4	(empty)	1	-NA-	-NA-
(41...48	Not Used)					

12/30/08

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 12/30/08 08:47:29

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00360	.08203	-.00340	.0780	.00017	-.00613	.00690
SDev	.00019	.00052	.00042	.0007	.00005	.00028	.00005
%RSD	5.2378	.63212	12.388	.9062	28.284	4.6116	.68320
#1	-.00347	.08167	-.00370	.0785	.00013	-.00633	.00693
#2	-.00373	.08240	-.00310	.0775	.00020	-.00593	.00687

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00303	-.00087	-.00077	.03980	-.00930	.01797	.00063
SDev	.00306	.00000	.00042	.00009	.00024	.00014	.00014
%RSD	101.02	.00000	55.339	.23689	2.5344	.78713	22.330
#1	.00087	-.00087	-.00047	.03973	-.00947	.01787	.00073
#2	.00520	-.00087	-.00107	.03987	-.00913	.01807	.00053

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00173	-.00830	.10623	-.00690	.01883	-.00293	-.02897
SDev	.00009	.00024	.00156	.00156	.00306	.00321	.00665
%RSD	5.4393	2.8398	1.4644	22.545	16.270	109.28	22.946
#1	.00180	-.00813	.10733	-.00580	.02100	-.00520	-.03367
#2	.00167	-.00847	.10513	-.00800	.01667	-.00067	-.02427

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	-.00100	-.04713	.02667	-.00063	-.00017	.2989	-.00283
SDev	.00273	.00471	.00151	.00071	.00014	.0010	.00080
%RSD	273.41	10.002	5.6569	111.65	84.853	.3469	28.284
#1	.00093	-.04380	.02773	-.00013	-.00027	.2997	-.00340
#2	-.00293	-.05047	.02560	-.00113	-.00007	.2982	-.00227

Elem	Sr4215	Ti3349
Avge	.00203	-.01287
SDev	.00005	.00038
%RSD	2.3184	2.9310
#1	.00200	-.01260
#2	.00207	-.01313

Method: STL3 Standard: STD2
Run Time: 12/30/08 08:53:18

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.83393	5.2054	1.3778	2.464	9.9236	3.7137	14.142
SDev	.00603	.0040	.0062	.006	.0636	.0140	.063
%RSD	.72355	.07698	.45259	.2564	.64082	.37700	.44468
#1	.82967	5.2026	1.3734	2.459	9.8787	3.7038	14.097
#2	.83820	5.2083	1.3823	2.468	9.9686	3.7236	14.186

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.5180	1.5218	4.0236	4.1563	1.8761	1.4725	10.122
SDev	.0021	.0074	.0156	.0356	.0082	.0006	.072
%RSD	.02491	.48943	.38662	.85745	.43470	.03842	.71585
#1	8.5165	1.5165	4.0126	4.1311	1.8703	1.4721	10.070
#2	8.5195	1.5271	4.0346	4.1815	1.8819	1.4729	10.173

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.4795	2.2106	109.12	4.1712	2.0391	.68317	4.1308
SDev	.0140	.0168	.02	.0247	.0070	.00665	.0116
%RSD	.31255	.75916	.01529	.59333	.34446	.97294	.28188
#1	4.4696	2.1987	109.10	4.1537	2.0341	.68787	4.1225
#2	4.4894	2.2225	109.13	4.1887	2.0441	.67847	4.1390

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6944	2.3820	1.9765	1.8406	.60230	1.590	1.5575
SDev	.0180	.0184	.0170	.0111	.00316	.012	.0149
%RSD	.48615	.77379	.85860	.60443	.52439	.7354	.95641
#1	3.6817	2.3951	1.9645	1.8327	.60007	1.582	1.5470
#2	3.7071	2.3690	1.9885	1.8485	.60453	1.598	1.5681

Elem	Sr4215	Ti3349
Avge	11.562	12.399
SDev	.003	.011
%RSD	.02487	.08554
#1	11.560	12.392
#2	11.564	12.407

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	119.182	.429056	12/30/08 08:53:18
Al3082	308.215	STD2	STD1	2150.96	-176.450	12/30/08 08:53:18
As1890	189.042	STD2	STD1	722.338	2.45423	12/30/08 08:53:18
B_2496	249.678	STD2	STD1	420.207	-32.7901	12/30/08 08:53:18
Ba4934	493.409	STD2	STD1	100.771	-.016795	12/30/08 08:53:18
Be3130	313.042	STD2	STD1	268.794	1.64861	12/30/08 08:53:18
Ca3179	317.933	STD2	STD1	3537.31	-24.4074	12/30/08 08:53:18
Cd2265	226.502	STD2	STD1	117.693	-.357002	12/30/08 08:53:18
Co2286	228.616	STD2	STD1	657.089	.569477	12/30/08 08:53:18
Cr2677	267.716	STD2	STD1	248.480	.190501	12/30/08 08:53:18
Cu3247	324.753	STD2	STD1	243.001	-9.67143	12/30/08 08:53:18
Fe2714	271.441	STD2	STD1	5875.79	54.6448	12/30/08 08:53:18
K_7664	766.491	STD2	STD1	34376.1	-617.623	12/30/08 08:53:18
Mg2790	279.078	STD2	STD1	4939.62	-3.12843	12/30/08 08:53:18
Mn2576	257.610	STD2	STD1	223.306	-.387063	12/30/08 08:53:18
Mo2020	202.030	STD2	STD1	450.674	3.74059	12/30/08 08:53:18
Na5889	588.995	STD2	STD1	458.672	-48.7263	12/30/08 08:53:18
Ni2316	231.604	STD2	STD1	238.824	1.64789	12/30/08 08:53:18
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	491.901	-9.26413	12/30/08 08:53:18
Tl1908	190.864	STD2	STD1	1448.01	4.24750	12/30/08 08:53:18
2203/1	220.351	STD2	STD1	240.900	6.97807	12/30/08 08:53:18
2203/2	220.352	STD2	STD1	270.038	.270038	12/30/08 08:53:18
1960/1	196.021	STD2	STD1	411.695	19.4045	12/30/08 08:53:18
1960/2	196.022	STD2	STD1	509.915	-13.5977	12/30/08 08:53:18
V_2924	292.402	STD2	STD1	537.575	.340464	12/30/08 08:53:18
Zn2062	206.200	STD2	STD1	1660.02	.276670	12/30/08 08:53:18
Si2881	288.158	STD2	STD1	776.060	-231.990	12/30/08 08:53:18
Sn1899	189.989	STD2	STD1	639.978	1.81327	12/30/08 08:53:18
Sr4215	421.552	STD2	STD1	86.5965	-.176080	12/30/08 08:53:18
Ti3349	334.941	STD2	STD1	80.6093	1.03717	12/30/08 08:53:18

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 12/30/08 08:59:06
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.8848	10111.97	1058.261	1015.584	1011.498	1023.406	10501.10
SDev	.1571	31.22	1.013	2.680	4.399	6.348	48.86
%RSD	.1469925	.3087200	.0957651	.2638670	.4348871	.6202640	.4652661
#1	106.7738	10134.04	1057.544	1017.479	1008.388	1018.918	10466.55
#2	106.9959	10089.89	1058.977	1013.689	1014.608	1027.895	10535.64

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1041.048	1048.490	1053.238	1010.818	10332.42	48195.26	10186.51
SDev	.148	1.329	5.050	2.314	10.10	56.71	20.49
%RSD	.0142528	.1267967	.4794701	.2289556	.0977950	.1176774	.2011438
#1	1040.944	1047.550	1049.667	1009.182	10325.27	48235.36	10172.02
#2	1041.153	1049.430	1056.809	1012.455	10339.56	48155.15	10201.00

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1057.130	1054.862	48247.64	1035.524	1027.535	1019.322	1025.987
SDev	.126	.170	100.39	4.709	.350	.752	3.931
%RSD	.0119130	.0161118	.2080720	.4547633	.0340467	.0737356	.3831047
#1	1057.219	1054.742	48318.63	1032.194	1027.287	1019.853	1023.208
#2	1057.041	1054.982	48176.66	1038.854	1027.782	1018.790	1028.767

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1012.344	1032.188	1025.211	1020.512	1016.936	1024.970	1057.473
SDev	.469	1.517	1.282	4.658	7.073	4.690	5.797
%RSD	.0463497	.1469709	.1250620	.4564329	.6955303	.4575552	.5482132
#1	1012.675	1033.261	1024.304	1023.806	1011.934	1021.654	1053.373
#2	1012.012	1031.116	1026.117	1017.219	1021.937	1028.286	1061.572

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1091.492	1005.071	1028.780	1023.969
SDev	1.945	.090	.260	.224
%RSD	.1781862	.0089531	.0253049	.0218285
#1	1090.117	1005.134	1028.596	1023.811
#2	1092.867	1005.007	1028.964	1024.127

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 12/30/08 09:04:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.019379	3.141378	.3408858	2.631887	.0369495	-.062618	-2.82985
SDev	.129751	.504328	.9946976	.970010	.0380032	.037897	.50025
%RSD	669.5359	16.05436	291.7979	36.85607	102.8519	60.52080	17.67769
#1	.0723686	3.497992	-.362472	3.317787	.0638218	-.089416	-3.18358
#2	-.111127	2.784764	1.044243	1.945986	.0100771	-.035821	-2.47612

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3548674	.5344999	.0167111	-.147493	10.92596	26.35500	2.139646
SDev	.3312910	.3007879	.1288976	.044161	8.60455	.00000	.466116
%RSD	93.35626	56.27463	771.3282	29.94097	78.75320	.0000000	21.78473
#1	.5891255	.3218108	-.074433	-.116267	17.01030	26.35500	2.469240
#2	.1206093	.7471891	.1078555	-.178720	4.841630	26.35500	1.810052

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.133952	4.491715	4.051605	-.126064	.9804289	2.044427	9.114843
SDev	.063142	4.333973	1.859493	.168062	1.979049	.982282	6.035799
%RSD	47.13760	96.48814	45.89523	133.3145	201.8554	48.04681	66.21944
#1	-.089304	7.556297	5.366466	-.007227	-.418970	2.739005	13.38280
#2	-.178600	1.427134	2.736745	-.244902	2.379828	1.349849	4.846889

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.60186	-.567003	1.752335	2.552373	1.026010	.3516120	-1.21954
SDev	6.82746	1.722012	2.107445	1.086628	.773560	.2080274	.54573
%RSD	262.4068	303.7041	120.2649	42.57326	75.39495	59.16391	44.74918
#1	2.225883	-1.78465	.2621466	3.320735	1.572999	.2045144	-.833649
#2	-7.42960	.6506434	3.242524	1.784010	.4790205	.4987096	-1.60543

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.42388	11.45652	.0202653	.5884157
SDev	.15760	5.55173	.0163393	.4142008
%RSD	11.06816	48.45912	80.62706	70.39255
#1	-1.31244	15.38218	.0318189	.8813000
#2	-1.53532	7.530852	.0087117	.2955315

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 12/30/08 09:10:35
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.43665	394.4493	19.48301	34.47477	10.66160	10.48034	463.2698
SDev	.07864	4.0555	1.88463	.01951	.12826	.13941	6.6700
%RSD	.7535430	1.028155	9.673197	.0565929	1.203021	1.330227	1.439770
#1	10.38104	391.5815	18.15038	34.46097	10.57090	10.38176	458.5533
#2	10.49226	397.3170	20.81565	34.48856	10.75229	10.57892	467.9862

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.78909	10.42780	10.66721	10.16226	229.6873	Q336.8856	442.0010
SDev	.32796	.46420	.15224	.04582	3.3539	4.8615	6.7529
%RSD	3.039693	4.451548	1.427138	.4509241	1.460199	1.443075	1.527813
#1	10.55719	10.09957	10.77485	10.12986	232.0588	Q333.4479	437.2260
#2	11.02099	10.75604	10.55956	10.19466	227.3157	Q340.3231	446.7761

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.83871	31.45703	410.2976	11.22158	10.30685	31.94622	33.03348
SDev	.02106	.10622	6.3353	.74408	.36753	3.16104	.50350
%RSD	.1942594	.3376826	1.544065	6.630772	3.565886	9.894869	1.524200
#1	10.82382	31.53214	405.8179	10.69544	10.56674	34.18141	33.38951
#2	10.85360	31.38192	414.7773	11.74772	10.04697	29.71103	32.67746

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.09215	8.438211	11.23897	33.59441	28.64390	10.89461	30.96491
SDev	.95579	.670856	.21610	4.11439	1.25147	.02425	.23485
%RSD	3.402332	7.950217	1.922738	12.24724	4.369068	.2225712	.7584317
#1	27.41630	8.912579	11.39178	36.50372	29.52882	10.87746	30.79884
#2	28.76799	7.963845	11.08617	30.68510	27.75898	10.91175	31.13097

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	19.43066	34.64410	10.83504	32.24097
SDev	.88712	5.33999	.07334	.14055
%RSD	4.565569	15.41384	.6768800	.4359295
#1	18.80337	30.86816	10.78318	32.14159
#2	20.05795	38.42004	10.88690	32.34036

Method: STL3 Sample Name: ISA Operator: NP
Run Time: 12/30/08 09:16:19
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.273681	425261.6	-.667237	42.18657	1.219332	-.010188	428616.2
SDev	.286415	1188.5	4.935075	.16510	.019002	.114026	1855.6
%RSD	104.6529	.2794783	739.6287	.3913496	1.558366	1119.207	.4329236
#1	-.476206	424421.2	2.822388	42.30331	1.232768	-.090817	427304.2
#2	-.071155	426102.0	-4.15686	42.06982	1.205896	.0704407	429928.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0191441	-2.66483	1.248203	.7705468	173802.9	32.08431	447097.4
SDev	1.263923	.43529	.234153	.1254854	1108.3	4.86150	2151.6
%RSD	6602.167	16.33441	18.75923	16.28525	.6376519	15.15227	.4812359
#1	-.874584	-2.35704	1.413774	.8592784	173019.2	28.64671	445576.0
#2	.9128723	-2.97263	1.082631	.6818152	174586.5	35.52191	448618.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.542986	-2.17826	84.47214	1.078450	3.591194	3.501157	-.014956
SDev	.084211	1.10474	.64865	.325809	.431478	3.803316	3.785292
%RSD	.8824431	50.71662	.7678912	30.21086	12.01489	108.6303	25309.53
#1	9.483439	-1.39709	84.93081	.8480685	3.286093	6.190507	2.661650
#2	9.602532	-2.95942	84.01347	1.308832	3.896295	.8118061	-2.69156

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.013613	2.312344	4.228861	5.152986	.1914368	1.970092	-14.2532
SDev	11.89900	4.193737	2.740619	3.911910	3.585943	.052350	.9517
%RSD	169.6558	181.3630	64.80750	75.91541	1873.174	2.657258	6.676773
#1	-1.40025	5.277763	2.290951	7.919124	2.727081	2.007109	-13.5803
#2	15.42747	-.653076	6.166771	2.386848	-2.34421	1.933075	-14.9261

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	216.5763	5.006713	1.560948	-4.48392
SDev	.7369	.534940	.001855	.08064
%RSD	.3402531	10.68446	.1188467	1.798474
#1	217.0974	4.628453	1.559636	-4.42689
#2	216.0552	5.384973	1.562260	-4.54094

Method: STL3 Sample Name: ISB Operator: NP
Run Time: 12/30/08 09:22:02
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	219.0185	430253.3	103.0007	32.80616	486.1204	465.2709	442434.3
SDev	.7193	65.6	1.7320	.52761	.0048	2.4072	3018.7
%RSD	.3284291	.0152380	1.681521	1.608260	.0009810	.5173809	.6822896
#1	218.5099	430206.9	101.7760	33.17924	486.1171	463.5687	440299.8
#2	219.5272	430299.7	104.2254	32.43309	486.1238	466.9731	444568.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	932.4293	455.0876	467.0164	541.7019	178322.7	48.12649	453250.6
SDev	.8314	1.8573	3.3850	1.6155	87.7	1.62053	2665.3
%RSD	.0891653	.4081190	.7248227	.2982355	.0491576	3.367229	.5880377
#1	931.8414	453.7744	464.6228	540.5596	178260.7	46.98061	451365.9
#2	933.0172	456.4010	469.4099	542.8443	178384.7	49.27238	455135.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	479.8069	-1.11166	67.94466	925.3170	50.36039	50.43612	560.7236
SDev	2.8635	.23369	1.36218	3.9440	.51002	1.37369	35.8180
%RSD	.5968102	21.02210	2.004839	.4262306	1.012738	2.723614	6.387824
#1	477.7820	-.946415	68.90786	922.5282	49.99975	51.40746	535.3965
#2	481.8317	-1.27691	66.98144	928.1058	50.72102	49.46478	586.0508

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.30629	49.84768	50.61565	50.13511	51.03774	468.5698	923.9551
SDev	4.81406	5.74155	2.10196	1.93884	.24155	2.9106	8.1361
%RSD	4.847692	11.51818	4.152794	3.867228	.4732706	.6211669	.8805764
#1	95.90223	45.78780	52.10197	51.50607	51.20854	466.5117	918.2020
#2	102.7103	53.90757	49.12934	48.76414	50.86694	470.6279	929.7082

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	167.7320	2.345103	1.417983	-4.57057
SDev	2.4782	8.328222	.042981	.11129
%RSD	1.477454	355.1325	3.031139	2.434858
#1	165.9797	-3.54384	1.448375	-4.49188
#2	169.4844	8.234045	1.387590	-4.64926

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 12/30/08 09:27:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.54440	4896.835	524.9601	503.0657	503.3053	509.6818	5180.509
SDev	.27970	10.465	1.4782	1.1821	1.4584	4.0293	42.187
%RSD	.5223677	.2137174	.2815866	.2349722	.2897617	.7905581	.8143502
#1	53.74218	4889.435	523.9149	502.2299	502.2740	506.8326	5150.678
#2	53.34662	4904.235	526.0054	503.9016	504.3365	512.5309	5210.340

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	516.3431	519.3940	521.3343	497.2802	5149.941	37410.34	4985.963
SDev	.7539	5.1295	4.7677	1.9209	4.041	134.50	25.625
%RSD	.1460141	.9875852	.9145281	.3862885	.0784737	.3595322	.5139503
#1	515.8101	515.7670	517.9630	495.9219	5147.083	37315.23	4967.843
#2	516.8763	523.0211	524.7056	498.6385	5152.799	37505.44	5004.083

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	525.6990	517.2533	38967.85	514.8193	506.4076	503.1058	536.2605
SDev	1.6741	9.9639	116.95	1.2615	3.8065	.6982	23.0347
%RSD	.3184465	1.926303	.3001304	.2450412	.7516637	.1387855	4.295431
#1	524.5153	510.2078	38885.15	513.9273	503.7160	502.6121	Q552.5485
#2	526.8827	524.2988	39050.55	515.7114	509.0992	503.5996	519.9725

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.9130	510.8985	504.1648	504.4389	500.4345	508.2578	522.7361
SDev	4.6958	1.8939	4.7617	.6233	3.3453	3.4496	6.2612
%RSD	.9245334	.3707078	.9444657	.1235574	.6684818	.6787203	1.197783
#1	511.2335	509.5593	500.7978	504.8796	498.0690	505.8185	518.3088
#2	504.5926	512.2377	507.5318	503.9982	502.8000	510.6970	527.1635

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	539.0994	498.1340	511.8873	506.4904
SDev	6.2550	1.9622	1.1666	.9948
%RSD	1.160274	.3939134	.2278960	.1964063
#1	534.6764	496.7466	511.0624	505.7869
#2	543.5223	499.5215	512.7122	507.1938

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 12/30/08 09:33:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.063455	2.285375	.9076351	.8949674	.0235133	-.098556	-2.24030
SDev	.000138	1.946757	.1774770	.5343703	.0190016	.012622	.66700
%RSD	.2173851	85.18325	19.55379	59.70835	80.81220	12.80695	29.77291
#1	-.063357	.9088101	.7821398	1.272824	.0369495	-.089631	-1.76865
#2	-.063552	3.661940	1.033130	.5171105	.0100771	-.107481	-2.71194

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2403637	-.062962	-.240012	-.105795	14.29833	35.52195	2.468431
SDev	.0817081	.523512	.023201	.148414	8.33460	6.48199	.000068
%RSD	33.99354	831.4791	9.666431	140.2851	58.29068	18.24784	.0027524
#1	.2981401	-.433141	-.256418	-.000850	20.19178	30.93849	2.468478
#2	.1825873	.3072175	-.223607	-.210739	8.404884	40.10540	2.468382

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.215829	1.336999	1.987581	.5571946	1.965769	2.077759	7.824155
SDev	.010613	1.572127	1.967603	.1899921	.721681	1.360631	3.525179
%RSD	4.917139	117.5863	98.99487	34.09799	36.71240	65.48550	45.05508
#1	-.208324	2.448661	3.378887	.6915393	2.476075	3.039870	10.31683
#2	-.223333	.2253370	.5962753	.4228498	1.455464	1.115648	5.331477

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.24264	3.122870	1.387437	2.347031	1.537405	.3722168	-1.32937
SDev	1.09524	1.500737	.332666	2.037865	.004128	.9540207	.39216
%RSD	25.81508	48.05633	23.97705	86.82735	.2685229	256.3078	29.49958
#1	-3.46819	4.184051	1.622667	3.788019	1.540324	1.046811	-1.60666
#2	-5.01710	2.061688	1.152206	.9060429	1.534486	-.302378	-1.05207

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.09377	2.901719	.0115932	.1692991
SDev	.32782	.332262	.0040682	.2014024
%RSD	10.59602	11.45051	35.09102	118.9625
#1	-2.86197	3.136663	.0144699	.3117121
#2	-3.32558	2.666774	.0087166	.0268861

Method: STL3 Sample Name: MB 220-23044/1-A Operator: NP
Run Time: 12/30/08 09:39:12
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.071554	6.809793	.3840423	5.123909	1.128638	-.152218	1.414925
SDev	.123559	10.53520	.2680686	.138606	.014251	.063409	1.167253
%RSD	172.6799	154.7066	69.80184	2.705080	1.262690	41.65676	82.49574
#1	-.158924	-.639719	.1944892	5.221918	1.138715	-.107381	.5895525
#2	.0158156	14.25930	.5735955	5.025900	1.118561	-.197055	2.240297

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4430425	-.089157	.3479619	-.502178	22.13615	28.64671	5.269361
SDev	.1050541	.495031	.2460840	.618455	3.91560	6.48203	1.163944
%RSD	23.71196	555.2361	70.72152	123.1546	17.68870	22.62750	22.08890
#1	.5173269	-.439197	.1739543	-.064864	24.90490	24.06322	6.092393
#2	.3687581	.2608831	.5219696	-.939492	19.36741	33.23020	4.446328

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0669996	-.060090	24.15674	1.074029	6.558959	2.544750	1.830795
SDev	.0526836	.191205	3.91359	.336078	3.424515	2.640763	.746299
%RSD	78.63268	318.1984	16.20081	31.29130	52.21125	103.7730	40.76364
#1	.0297467	.0751123	26.92406	1.311672	8.980456	4.412052	2.358508
#2	.1042526	-.195292	21.38942	.8363863	4.137461	.6774489	1.303082

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.31065	5.056294	7.308515	5.242970	-2.86079	.0885792	2.212640
SDev	3.82353	1.922301	4.174566	2.290198	3.34295	.5555566	.234879
%RSD	165.4743	38.01798	57.11922	43.68131	116.8538	627.1864	10.61533
#1	-5.01429	6.415567	10.26038	6.862384	-.496973	-.304259	2.046555
#2	.3929959	3.697022	4.356650	3.623555	-5.22461	.4814170	2.378724

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.059825	7.510066	-.049101	.4673977
SDev	4.624858	4.133200	.000025	.0076292
%RSD	224.5267	55.03547	.0499249	1.632274
#1	5.330094	10.43268	-.049084	.4620031
#2	-1.21044	4.587452	-.049118	.4727924

Method: STL3 Sample Name: LCS 220-23044/2-A Operator: NP
Run Time: 12/30/08 09:44:56
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.4797	5870.775	1029.991	1037.378	307.0164	108.1714	30751.72
SDev	1.4219	46.092	4.038	3.536	.7458	.7228	287.65
%RSD	.4535984	.7851110	.3920409	.3408143	.2429181	.6681741	.9353819
#1	312.4742	5838.184	1032.846	1034.878	306.4890	107.6603	30548.33
#2	314.4851	5903.368	1027.135	1039.878	307.5437	108.6825	30955.12

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	309.2034	321.5003	318.0804	309.1502	25158.85	19510.72	14942.58
SDev	.8220	2.4801	1.8745	.8690	81.80	123.16	40.98
%RSD	.2658566	.7714267	.5893021	.2810772	.3251202	.6312262	.2742804
#1	308.6221	319.7466	316.7549	308.5358	25101.01	19423.63	14913.60
#2	309.7847	323.2540	319.4058	309.7647	25216.69	19597.80	14971.56

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.8110	1070.636	31209.71	304.7217	1029.695	512.3465	1046.647
SDev	.3476	5.014	284.09	.3221	8.918	.2650	3.242
%RSD	.1617954	.4683007	.9102653	.1057071	.8660760	.0517213	.3097400
#1	214.5653	1067.090	31008.83	304.9495	1023.389	512.1591	1044.354
#2	215.0568	1074.181	31410.60	304.4939	1036.001	512.5339	1048.939

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1010.075	1039.764	1024.667	510.6146	515.8144	314.6777	309.5353
SDev	2.420	1.470	12.636	1.8812	4.5641	1.9010	3.3595
%RSD	.2395454	.1414089	1.233201	.3684120	.8848307	.6041160	1.085334
#1	1008.364	1038.725	1015.732	511.9448	512.5872	313.3335	307.1598
#2	1011.786	1040.804	1033.602	509.2844	519.0417	316.0219	311.9108

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1039.396	1065.964	-.489912	1070.072
SDev	5.129	6.311	.001958	3.113
%RSD	.4934789	.5920187	.3997353	.2908839
#1	1035.769	1061.501	-.488528	1067.871
#2	1043.023	1070.426	-.491297	1072.273

Method: STL3 Sample Name: 220-7654-B-2-A Operator: NP
Run Time: 12/30/08 09:50:39
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.085887	212.9112	2.689966	79.44907	13.18088	-.202358	7928.409
SDev	.067397	5.5718	3.726169	.73370	.07126	.037980	100.384
%RSD	78.47241	2.616975	138.5210	.9234886	.5406000	18.76862	1.266130
#1	-.133544	208.9713	.0551671	79.96788	13.13049	-.229214	7857.427
#2	-.038230	216.8511	5.324766	78.93027	13.23126	-.175502	7999.392

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1682767	.8111899	.8385822	.5327788	1722.119	4717.543	2908.337
SDev	.1538915	.0352373	.0580590	.0235571	7.202	19.446	17.708
%RSD	91.45150	4.343902	6.923468	4.421561	.4181813	.4122015	.6088661
#1	.2770944	.8361064	.7975283	.5161214	1717.027	4703.793	2895.816
#2	.0594589	.7862734	.8796361	.5494362	1727.211	4731.293	2920.859

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	213.9343	4.972434	71240.50	1.384129	3.259046	2.413925	1.498044
SDev	1.7369	1.784577	80.26	.252970	.920909	1.106871	3.153613
%RSD	.8119041	35.88941	.1126636	18.27647	28.25702	45.85356	210.5154
#1	212.7061	6.234321	71183.75	1.205252	2.607865	1.631249	3.727985
#2	215.1625	3.710547	71297.26	1.563006	3.910227	3.196601	-.731897

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.19781	4.513552	2.631934	3.849984	-.463607	1.387444	10.73271
SDev	.34538	1.054038	1.906902	.058232	3.440432	.411934	.54782
%RSD	15.71469	23.35274	72.45252	1.512515	742.1014	29.69014	5.104215
#1	-2.44203	5.258869	1.283551	3.891160	-2.89636	1.096163	10.34534
#2	-1.95359	3.768234	3.980318	3.808808	1.969146	1.678726	11.12008

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7289.448	-3.40165	33.58594	16.76598
SDev	63.143	.27134	.15302	.03376
%RSD	.8662263	7.976576	.4555934	.2013720
#1	7244.799	-3.20979	33.47774	16.74211
#2	7334.097	-3.59352	33.69414	16.78985

Method: STL3 Sample Name: 220-7654-B-3-A Operator: NP
Run Time: 12/30/08 09:56:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0638025	442.9568	1.922274	113.3141	127.5730	-.125916	H153191.5
SDev	.0956144	.6072	3.906824	.7909	1.0356	.012655	2197.6
%RSD	149.8598	.1370826	203.2397	.6979513	.8117545	10.05048	1.434537
#1	-.003807	442.5274	-.840268	112.7549	126.8407	-.134865	H151637.5
#2	.1314121	443.3862	4.684816	113.8733	128.3053	-.116968	H154745.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4958324	1.204089	9.234343	1.571578	1567.124	9617.279	32513.54
SDev	.1055939	.589507	.292711	.160604	12.430	55.097	175.34
%RSD	21.29629	48.95873	3.169807	10.21930	.7931974	.5728961	.5392969
#1	.5704986	.7872448	9.027365	1.685143	1558.334	9578.320	32389.56
#2	.4211662	1.620933	9.441320	1.458014	1575.914	9656.239	32637.53

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.14039	.3905840	94319.98	4.675559	4.398396	4.130172	-1.66290
SDev	.52634	.4036542	474.11	.611939	.492157	3.223587	1.57655
%RSD	1.192424	103.3463	.5026607	13.08803	11.18946	78.04971	94.80714
#1	43.76821	.1051573	93984.74	5.108265	4.050388	6.409592	-2.77769
#2	44.51257	.6760106	94655.23	4.242853	4.746403	1.850752	-.548112

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.97950	6.040416	3.577817	5.294831	1.796256	3.631493	22.49067
SDev	1.42844	1.886392	.203916	3.299244	3.072188	.029423	.07892
%RSD	72.16142	31.22951	5.699464	62.31066	171.0329	.8102238	.3508911
#1	-.969445	4.706535	3.722008	7.627749	3.968621	3.610688	22.54648
#2	-2.98956	7.374297	3.433627	2.961913	-.376109	3.652298	22.43487

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5780.324	-9.56562	987.0084	38.45192
SDev	48.076	.27134	5.9261	.05646
%RSD	.8317242	2.836597	.6004122	.1468237
#1	5746.329	-9.37375	982.8180	38.49184
#2	5814.319	-9.75748	991.1988	38.41200

Method: STL3 Sample Name: 220-7654-B-4-A Operator: NP
Run Time: 12/30/08 10:02:05
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.082409	16.90721	.3128513	79.45247	31.61529	-.179132	35009.23
SDev	.011430	4.15305	2.174652	.23723	.04275	.025291	124.90
%RSD	13.86977	24.56375	695.1071	.2985753	.1352313	14.11846	.3567502
#1	-.090491	13.97056	1.850562	79.28472	31.58506	-.197016	34920.92
#2	-.074326	19.84386	-1.22486	79.62021	31.64553	-.161249	35097.55

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1058572	1.042782	.9390858	.0648839	49.86667	3728.658	30400.75
SDev	.1620199	.060108	.0594002	.2524146	3.87238	1.621	68.94
%RSD	153.0553	5.764162	6.325323	389.0248	7.765461	.0434610	.2267758
#1	.2204226	1.000279	.9810882	-.113600	47.12849	3727.512	30352.00
#2	-.008708	1.085285	.8970836	.2433680	52.60486	3729.804	30449.50

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	848.8662	-.045067	30762.83	6.589434	1.558122	4.889111	.1057800
SDev	2.6211	.849799	4.59	.214819	.203371	1.538911	.9299249
%RSD	.3087810	1885.618	.0149048	3.260049	13.05232	31.47629	879.1118
#1	847.0128	.5558310	30766.07	6.437534	1.701927	3.800937	.7633362
#2	850.7197	-.645966	30759.59	6.741334	1.414317	5.977285	-.551776

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.27006	1.567514	1.552633	6.422947	1.815632	.7334211	4.237299
SDev	3.20442	.174270	.217899	1.862724	.890310	.2951240	.234483
%RSD	141.1600	11.11762	14.03419	29.00108	49.03579	40.23937	5.533780
#1	-.004195	1.690742	1.706711	5.105802	1.186088	.5247369	4.071495
#2	-4.53593	1.444287	1.398555	7.740091	2.445176	.9421052	4.403104

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7646.597	-9.98195	306.1542	.5957220
SDev	6.907	1.65932	.2341	.0951912
%RSD	.0903331	16.62321	.0764759	15.97913
#1	7651.481	-8.80864	305.9887	.6630323
#2	7641.713	L-11.1553	306.3198	.5284116

Method: STL3 Sample Name: 220-7623-A-2-A Operator: NP
Run Time: 12/30/08 10:07:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.119318	756.1579	.8793531	26.66720	18.09515	16.94560	3515.143
SDev	.168687	.1828	.5015179	.59708	.12351	.08870	29.181
%RSD	141.3755	.0241773	57.03260	2.239020	.6825574	.5234630	.8301589
#1	-.238598	756.0286	1.233980	27.08940	18.00782	16.88287	3494.509
#2	-.000039	756.2872	.5247264	26.24499	18.18249	17.00832	3535.777

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.026548	12.04197	28.44625	437.9834	6339.071	658.8748	1793.665
SDev	.400481	.31174	.28092	1.4430	26.285	3.2410	15.370
%RSD	1508.544	2.588782	.9875628	.3294548	.4146479	.4918959	.8568898
#1	-.309731	11.82154	28.64489	436.9630	6320.485	656.5831	1782.797
#2	.2566355	12.26240	28.24761	439.0037	6357.658	661.1665	1804.533

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.13842	3.169739	49809.82	84.71341	5.605256	3.075242	1.542788
SDev	.20009	1.317188	190.81	.39339	1.042328	.105921	.767176
%RSD	.3071812	41.55510	.3830848	.4643822	18.59555	3.444318	49.72659
#1	64.99693	2.238346	49674.89	84.43523	4.868219	3.000345	2.085264
#2	65.27991	4.101131	49944.75	84.99158	6.342293	3.150140	1.000313

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.22918	5.029438	5.891934	4.367479	.4857872	2.183098	174.4445
SDev	4.29003	.706708	1.209886	.679767	1.043637	.976390	.8588
%RSD	132.8521	14.05144	20.53462	15.56428	214.8341	44.72496	.4923104
#1	-.195669	4.529719	5.036416	3.886812	1.223750	1.492687	173.8372
#2	-6.26269	5.529156	6.747453	4.848147	-.252175	2.873510	175.0518

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2352.268	-4.03997	9.483551	12.23803
SDev	8.857	1.59788	.097361	.45588
%RSD	.3765140	39.55194	1.026626	3.725106
#1	2346.005	-2.91009	9.414707	11.91568
#2	2358.530	-5.16984	9.552396	12.56039

Method: STL3 Sample Name: 220-7623-A-3-A Operator: NP
Run Time: 12/30/08 10:13:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.052391	712.5000	1.525549	26.32362	18.05485	16.28235	3543.913
SDev	.005647	6.5847	1.773832	.31426	.13301	.08875	47.190
%RSD	10.77821	.9241706	116.2750	1.193829	.7367075	.5450508	1.331590
#1	-.056384	707.8439	.2712606	26.10141	17.96079	16.21960	3510.545
#2	-.048398	717.1561	2.779837	26.54584	18.14890	16.34511	3577.282

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0625751	11.97561	21.41510	396.8282	5577.796	661.1665	1807.975
SDev	.0015581	.15361	.33960	2.7607	25.469	6.4820	10.947
%RSD	2.490012	1.282668	1.585802	.6956999	.4566134	.9803818	.6054956
#1	.0614733	11.86700	21.17497	394.8761	5559.787	656.5831	1800.234
#2	.0636768	12.08423	21.65524	398.7803	5595.806	665.7499	1815.716

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.76393	.3605390	49984.24	81.17870	2.767308	6.188269	.0148298
SDev	.46321	.0637349	253.21	.04287	1.516961	.978844	.7433528
%RSD	.7380206	17.67768	.5065863	.0528124	54.81723	15.81773	5012.546
#1	62.43639	.4056064	49805.19	81.14838	1.694654	6.880416	-.510800
#2	63.09147	.3154716	50163.29	81.20901	3.839961	5.496122	.5404596

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.506310	3.862836	2.219565	8.616278	1.323759	2.038871	165.6238
SDev	1.493300	.604815	1.972351	2.134281	1.335500	.328357	1.7987
%RSD	294.9378	15.65727	88.86204	24.77033	100.8869	16.10485	1.086022
#1	.5496123	3.435168	.8249024	10.12544	.3794184	1.806687	164.3520
#2	-1.56223	4.290505	3.614228	7.107114	2.268100	2.271054	166.8957

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2342.423	-7.57626	9.410784	11.22876
SDev	19.646	.06127	.052078	.35702
%RSD	.8386909	.8086888	.5533864	3.179535
#1	2328.532	-7.61958	9.373959	10.97630
#2	2356.315	-7.53294	9.447608	11.48121

Method: STL3 Sample Name: 220-7623-A-4-A Operator: NP
Run Time: 12/30/08 10:19:14
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.047703	-.283885	-.267940	1.482901	1.303308	.0000051	14.85670
SDev	.112495	6.192690	.629507	.415413	.023752	.1520163	.83375
%RSD	235.8228	2181.412	234.9432	28.01354	1.822442	2987304.	5.611956
#1	.0318428	4.095009	-.713068	1.189159	1.286513	-.107487	14.26715
#2	-.127249	-4.66278	.1771885	1.776642	1.320103	.1074969	15.44626

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0789967	-.242287	.2152938	-.542506	16.66468	18.33387	5.929645
SDev	.1455821	.033165	.1521922	.470037	7.75518	8.10252	1.164550
%RSD	184.2888	13.68834	70.69047	86.64181	46.53663	44.19426	19.63946
#1	.1819388	-.218836	.3229100	-.874872	11.18094	12.60453	5.106184
#2	-.023945	-.265738	.1076777	-.210140	22.14843	24.06322	6.753106

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3275051	-.525786	23.60633	.8354958	1.683267	.7523398	-2.19670
SDev	.0421502	.892288	1.36219	.2254003	.908177	1.104998	.99787
%RSD	12.87008	169.7057	5.770427	26.97802	53.95320	146.8749	45.42613
#1	.2977005	.1051573	24.56954	.9948779	2.325445	-.029012	-1.49109
#2	.3573098	-1.15673	22.64312	.6761138	1.041090	1.533692	-2.90230

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.60215	-.099221	2.572526	2.786287	-3.32286	-.113271	1.991744
SDev	2.59080	1.601160	.562134	2.542571	1.77475	.471991	.078158
%RSD	99.56374	1613.730	21.85145	91.25302	53.41018	416.6900	3.924079
#1	-.770180	1.032970	2.970015	.9884178	-2.06793	-.447019	1.936479
#2	-4.43412	-1.23141	2.175037	4.584156	-4.57780	.2204764	2.047010

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-4.47532	.3202905	-.086908	-.026851
SDev	.69449	.4221548	.004065	.045607
%RSD	15.51822	131.8037	4.676976	169.8516
#1	-4.96640	.6187990	-.089783	-.059100
#2	-3.98424	.0217819	-.084034	.0053979

Method: STL3 Sample Name: 220-7607-A-1-A Operator: NP
Run Time: 12/30/08 10:24:57
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.197190	166.9825	-.272374	279.2061	31.68583	.0364078	H402583.9
SDev	.061880	9.3246	.359867	1.0085	.75056	.0000395	2132.2
%RSD	31.38107	5.584188	132.1224	.3612194	2.368762	.1085787	.5296378
#1	-.240945	173.5760	-.017910	278.4929	31.15511	.0363798	H401076.2
#2	-.153434	160.3890	-.526838	279.9192	32.21656	.0364357	H404091.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3289513	.6170797	.5700085	.2997003	944.1942	8643.291	54442.41
SDev	.1747630	.0305668	.0584353	1.088136	17.7308	61.579	991.74
%RSD	53.12732	4.953466	10.25165	363.0748	1.877872	.7124492	1.821625
#1	.2053752	.6386937	.5286886	-.469728	931.6566	8686.834	53741.14
#2	.4525274	.5954657	.6113285	1.069129	956.7317	8599.748	55143.67

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	131.0952	.0600898	H159231.0	1.254431	1.852325	.6797936	-1.49021
SDev	.4000	.2336947	317.9	.033335	.858041	2.926012	.05168
%RSD	.3051154	388.9089	.1996538	2.657343	46.32236	430.4265	3.468159
#1	130.8124	-.105157	H159455.8	1.230860	2.459052	-1.38921	-1.45366
#2	131.3781	.2253370	H159006.2	1.278002	1.245599	2.748796	-1.52675

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7082351	2.877407	1.339803	3.149066	-4.26737	.1662796	49.18385
SDev	.0729037	1.222339	.676094	3.338394	2.10001	.2258750	.70362
%RSD	10.29371	42.48058	50.46221	106.0122	49.21087	135.8405	1.430600
#1	.6566844	3.741731	1.817874	.7884651	-5.75230	.3259974	48.68632
#2	.7597858	2.013083	.8617324	5.509667	-2.78244	.0065618	49.68139

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5559.215	L-368.436	4384.689	2.544272
SDev	9.569	4.314	1.115	.073664
%RSD	.1721237	1.170808	.0254185	2.895298
#1	5552.449	L-365.386	4383.900	2.492183
#2	5565.981	L-371.486	4385.477	2.596360

Method: STL3 Sample Name: 220-7607-A-2-A Operator: NP
Run Time: 12/30/08 10:30:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.187401	39.78505	.9647229	301.7350	45.79381	-.017754	H362430.3
SDev	.011131	6.69502	1.430343	.5144	.19952	.126736	2253.8
%RSD	5.939765	16.82798	148.2646	.1704751	.4356828	713.8301	.6218554
#1	-.179530	35.05095	-.046682	301.3712	45.65273	-.107370	H360836.7
#2	-.195271	44.51914	1.976128	302.0987	45.93489	.0718616	H364024.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2653570	.5540266	.5432606	.5346515	1032.138	9571.445	44614.27
SDev	.0512362	.2472336	.0817690	.1373010	11.374	45.374	244.03
%RSD	19.30840	44.62486	15.05153	25.68047	1.101947	.4740590	.5469881
#1	.3015864	.7288471	.4854411	.4375650	1024.095	9539.360	44441.71
#2	.2291275	.3792060	.6010800	.6317379	1040.180	9603.529	44786.82

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	114.9577	-.075112	H163947.0	.7607209	1.253447	2.839285	-1.57120
SDev	.5474	.297430	436.2	.6451838	1.590040	3.806022	1.21899
%RSD	.4761509	395.9788	.2660865	84.81216	126.8534	134.0486	77.58334
#1	114.5707	-.285427	H163638.5	1.216935	2.377775	5.530549	-2.43316
#2	115.3448	.1352019	H164255.4	.3045070	.1291187	.1480214	-.709246

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1420277	1.468845	1.145110	4.307025	-.101903	.4147754	2.870058
SDev	2.255592	.211579	2.278237	6.055134	.698816	.1744268	.312040
%RSD	1588.135	14.40442	198.9536	140.5874	685.7635	42.05332	10.87226
#1	-1.45292	1.618453	2.756067	8.588652	-.596041	.5381138	2.649413
#2	1.736972	1.319236	-.465847	.0253984	.3922343	.2914370	3.090704

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5613.698	L-333.941	4191.440	.8989204
SDev	20.783	8.266	11.358	.0344501
%RSD	.3702133	2.475289	.2709868	3.832388
#1	5599.002	L-328.096	4183.408	.8745605
#2	5628.394	L-339.786	4199.471	.9232803

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 12/30/08 10:36:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.91920	4860.909	515.0062	497.1739	502.6805	501.1514	5083.469
SDev	.92803	25.176	5.8213	5.7752	.2708	2.2812	39.353
%RSD	1.753667	.5179315	1.130342	1.161613	.0538664	.4551876	.7741336
#1	52.26299	4843.107	519.1226	493.0902	502.4890	499.5384	5055.642
#2	53.57542	4878.711	510.8899	501.2576	502.8720	502.7645	5111.295

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.8195	509.7765	513.2758	494.0585	5079.174	37404.61	4951.164
SDev	1.8660	6.7585	4.8491	2.1056	19.173	187.98	26.801
%RSD	.3681860	1.325784	.9447279	.4261865	.3774899	.5025508	.5413002
#1	505.5000	504.9975	509.8469	492.5696	5065.616	37271.69	4932.213
#2	508.1390	514.5555	516.7045	495.5474	5092.731	37537.53	4970.115

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	516.8109	510.4932	38535.41	509.4955	499.5576	501.0115	494.1104
SDev	3.4425	6.7346	210.62	.6578	.6706	1.3653	7.1711
%RSD	.6661097	1.319244	.5465652	.1291078	.1342334	.2725117	1.451321
#1	514.3767	505.7311	38386.48	509.0304	499.0834	500.0461	489.0396
#2	519.2451	515.2553	38684.34	509.9607	500.0318	501.9769	499.1812

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	497.6800	502.0304	498.3223	503.6855	495.6542	501.3614	512.1106
SDev	.9339	.1247	1.0677	.2151	4.5307	3.2884	4.3828
%RSD	.1876515	.0248446	.2142493	.0427098	.9140939	.6559002	.8558387
#1	498.3404	502.1186	497.5673	503.8376	492.4504	499.0361	509.0114
#2	497.0196	501.9422	499.0772	503.5334	498.8579	503.6867	515.2097

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	535.4794	489.4864	507.6288	500.9294
SDev	2.9885	8.5718	3.1914	2.9708
%RSD	.5580983	1.751185	.6286940	.5930504
#1	533.3662	483.4252	505.3722	498.8287
#2	537.5926	495.5476	509.8855	503.0300

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 12/30/08 10:42:05
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0160535	-4.53681	-1.86734	1.035650	.0335904	.0805935	-2.82985
SDev	.0227002	2.03408	1.74935	.297623	.0237520	.0380405	.16675
%RSD	141.4031	44.83510	93.68119	28.73778	70.71068	47.20046	5.892578
#1	.0321050	-5.97513	-.630365	.8251987	.0503856	.1074922	-2.94776
#2	.0000021	-3.09850	-3.10431	1.246101	.0167952	.0536948	-2.71194

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2613757	-.017924	.1245428	-.057331	6.846499	32.08434	1.316043
SDev	.1445326	.158754	.1640354	.056516	.568149	1.62049	.698501
%RSD	55.29686	885.7047	131.7100	98.57756	8.298383	5.050707	53.07587
#1	.3635756	.0943320	.2405333	-.017369	6.444757	30.93849	.8221278
#2	.1591757	-.130180	.0085523	-.097294	7.248240	33.23020	1.809957

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.186007	1.982965	4.556145	.4223607	2.092856	1.643999	2.696150
SDev	.010542	1.933292	1.708139	.8782429	.462941	1.549490	3.553235
%RSD	5.667658	97.49503	37.49089	207.9367	22.12004	94.25131	131.7892
#1	-.178553	3.350008	5.763981	1.043372	2.420205	.5483436	5.208666
#2	-.193462	.6159208	3.348308	-.198651	1.765508	2.739654	.1836337

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.03763	1.140982	2.567380	1.893877	1.142491	.8987652	-.664671
SDev	1.02404	1.308831	.040630	1.086879	2.476102	.1723557	.234531
%RSD	33.71162	114.7109	1.582550	57.38910	216.7283	19.17694	35.28521
#1	-2.31353	2.066465	2.596110	1.125337	-.608377	1.020639	-.498833
#2	-3.76174	.2154990	2.538651	2.662416	2.893360	.7768913	-.830509

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-5.76703	5.546843	.0231518	.1961696
SDev	2.76426	3.891999	.0040857	.1937561
%RSD	47.93220	70.16602	17.64741	98.76968
#1	-3.81240	8.298902	.0260409	.3331759
#2	-7.72166	2.794784	.0202628	.0591634

Method: STL3 Sample Name: 220-7607-A-3-A Operator: NP
Run Time: 12/30/08 10:47:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.199929	82.29039	1.556480	564.9279	115.9071	-.035467	H340139.8
SDev	.129290	1.73837	1.875641	1.2674	.6033	.050776	3039.4
%RSD	64.66796	2.112477	120.5053	.2243529	.5205079	143.1642	.8935639
#1	-.291351	83.51960	2.882758	564.0317	115.4805	.0004371	H337990.6
#2	-.108507	81.06118	.2302012	565.8241	116.3337	-.071371	H342288.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1506203	.3280418	1.102314	.5994848	694.8740	8145.983	52484.08
SDev	.0702429	.4330926	.129062	.0455780	2.4584	22.687	301.32
%RSD	46.63576	132.0236	11.70825	7.602858	.3537889	.2785114	.5741249
#1	.1009511	.0217991	1.193574	.6317133	693.1356	8129.941	52271.01
#2	.2002896	.6342846	1.011054	.5672563	696.6123	8162.026	52697.15

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	528.3558	-.030045	96652.54	2.752556	2.559957	.8417898	.6494101
SDev	1.3264	.318675	205.33	.603923	.088691	1.887693	1.529428
%RSD	.2510403	1060.659	.2124374	21.94042	3.464562	224.2476	235.5104
#1	527.4180	.1952919	96507.35	3.179594	2.622671	-.493011	1.730879
#2	529.2938	-.255382	96797.73	2.325519	2.497243	2.176591	-.432059

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0261867	3.631890	2.023995	2.774953	-3.03144	1.046915	5.117272
SDev	.4818955	.296376	.280936	1.979234	1.70420	.807552	.548118
%RSD	1840.229	8.160379	13.88029	71.32495	56.21733	77.13636	10.71113
#1	-.314565	3.422320	2.222647	1.375423	-4.23649	.4758893	5.504850
#2	.3669382	3.841459	1.825343	4.174483	-1.82639	1.617940	4.729694

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10742.47	L-284.945	4841.876	2.074221
SDev	89.62	1.237	9.893	.046687
%RSD	.8342868	.4340897	.2043132	2.250816
#1	10679.10	L-285.820	4834.880	2.107234
#2	10805.84	L-284.071	4848.871	2.041209

Method: STL3 Sample Name: 220-7607-A-4-A Operator: NP
Run Time: 12/30/08 10:53:32
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.055328	21.91293	10.80047	206.2165	201.5525	-.035459	H142254.7
SDev	.190805	1.11170	.86135	.4526	.6936	.101397	2749.7
%RSD	344.8608	5.073243	7.975144	.2194633	.3441117	285.9586	1.932953
#1	.0795914	21.12685	10.19140	205.8964	201.0621	.0362399	H140310.4
#2	-.190248	22.69902	11.40953	206.5365	202.0430	-.107157	H144199.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1360024	.4988975	.5964997	.2584239	2553.553	H252124.4	21396.73
SDev	.3295298	.2135862	.1865956	.0913984	29.621	1591.3	213.55
%RSD	242.2970	42.81164	31.28176	35.36762	1.159997	.6311696	.9980322
#1	.3690152	.3478692	.4645567	.3230523	2532.607	H250999.2	21245.73
#2	-.097010	.6499257	.7284427	.1937955	2574.498	H253249.7	21547.73

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	348.9001	1.772650	H184321.5	1.070995	.1133757	2.119113	-2.47846
SDev	2.5791	.616104	442.2	.063522	2.864545	3.124604	.62042
%RSD	.7392029	34.75609	.2398807	5.931092	2526.596	147.4487	25.03231
#1	347.0764	2.208301	H184008.8	1.115912	-1.91216	-.090316	-2.91717
#2	350.7238	1.336999	H184634.1	1.026078	2.138915	4.328542	-2.03976

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.07982	1.448465	-.553968	5.561546	-4.77719	1.290881	2.606478
SDev	2.94640	3.176817	2.708643	5.220820	1.07426	.246528	.076889
%RSD	72.21885	219.3229	488.9530	93.87354	22.48737	19.09761	2.949907
#1	-6.16324	-.797883	-2.46927	1.869869	-4.01757	1.116560	2.552109
#2	-1.99640	3.694814	1.361332	9.253223	-5.53681	1.465203	2.660846

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5724.175	L-322.559	3345.279	2.216003
SDev	74.872	4.464	20.856	.016476
%RSD	1.307999	1.384073	.6234311	.7435028
#1	5671.232	L-319.402	3330.532	2.227654
#2	5777.118	L-325.716	3360.026	2.204353

Method: STL3 Sample Name: 220-7607-A-4-B DU Operator: NP
Run Time: 12/30/08 10:59:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0821119	30.95050	7.353989	198.7181	200.1955	-.053371	H136717.9
SDev	.0839784	1.32866	1.896934	1.1285	.3515	.076088	1632.1
%RSD	102.2732	4.292863	25.79463	.5679032	.1755962	142.5631	1.193806
#1	.1414936	30.01100	8.695324	197.9202	200.4441	-.107174	H135563.8
#2	.0227302	31.89001	6.012654	199.5161	199.9469	.0004309	H137872.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.574460	.3959351	.4935595	.6150072	2453.086	H245752.3	20720.74
SDev	.325867	.0615172	.1045137	.2750318	.554	562.3	71.73
%RSD	20.69704	15.53719	21.17551	44.72009	.0225901	.2288140	.3461878
#1	1.804882	.3524359	.4196571	.8094840	2452.694	H245354.7	20670.01
#2	1.344037	.4394343	.5674619	.4205303	2453.478	H246149.9	20771.46

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	335.1668	1.442156	H180879.6	1.922354	.4961934	3.718585	-.974712
SDev	2.0842	.233695	1620.8	1.018486	.2833428	3.101728	.701248
%RSD	.6218408	16.20453	.8960834	52.98117	57.10331	83.41151	71.94408
#1	333.6931	1.276909	H179733.5	1.202176	.6965470	1.525332	-.478855
#2	336.6406	1.607403	H182025.7	2.642532	.2958397	5.911838	-1.47057

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.38113	1.753440	-.132287	7.058198	-2.97177	1.127536	4.272706
SDev	2.25208	1.539205	.343647	4.579851	.14090	.580408	.078232
%RSD	94.58038	87.78203	259.7736	64.88697	4.741265	51.47578	1.830970
#1	-.788667	2.841822	-.375282	3.819755	-3.07140	1.537947	4.217388
#2	-3.97359	.6650575	.1107080	10.29664	-2.87214	.7171260	4.328024

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5540.987	L-314.796	3247.977	2.174943
SDev	34.486	4.887	7.861	.014434
%RSD	.6223793	1.552535	.2420235	.6636469
#1	5516.602	L-311.340	3242.418	2.164737
#2	5565.373	L-318.252	3253.535	2.185150

Method: STL3 Sample Name: 220-7607-A-4-C MS Operator: NP
Run Time: 12/30/08 11:04:59
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.35066	2193.577	52.86395	1253.299	843.6736	53.59828	H146553.4
SDev	.36607	2.098	.66157	6.569	.6841	.48136	1292.1
%RSD	.6613640	.0956278	1.251451	.5241269	.0810811	.8980914	.8816920
#1	55.09181	2195.061	53.33175	1248.654	843.1899	53.25790	H145639.7
#2	55.60951	2192.094	52.39616	1257.944	844.1573	53.93865	H147467.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.60796	509.0665	205.6030	268.6064	3440.545	H247261.4	30281.02
SDev	.21787	3.9788	2.0148	.7078	30.168	683.8	178.15
%RSD	.4221666	.7815859	.9799600	.2635072	.8768341	.2765695	.5883161
#1	51.45390	506.2530	204.1783	268.1059	3419.214	H247744.9	30155.04
#2	51.76202	511.8799	207.0277	269.1069	3461.877	H246777.8	30406.98

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	844.1919	1035.153	H183427.7	513.9038	16.62913	37.61969	1167.190
SDev	1.9477	7.138	1321.9	2.6834	2.23178	.15608	.362
%RSD	.2307170	.6895900	.7206733	.5221545	13.42089	.4148951	.0310083
#1	842.8146	1030.105	H182492.9	512.0064	15.05102	37.50932	1167.446
#2	845.5691	1040.200	H184362.4	515.8013	18.20723	37.73005	1166.934

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.70526	17.07947	16.40349	39.80553	33.24032	508.9868	537.6531
SDev	5.20930	.21162	3.24034	.03876	.54620	3.1662	4.2242
%RSD	10.07499	1.239017	19.75398	.0973707	1.643190	.6220648	.7856762
#1	48.02173	16.92984	14.11223	39.83294	32.85410	506.7479	534.6661
#2	55.38879	17.22911	18.69476	39.77813	33.62654	511.2256	540.6400

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6455.364	760.8638	3164.794	1003.424
SDev	34.137	3.1692	.316	.783
%RSD	.5288197	.4165273	.0099769	.0779877
#1	6431.226	758.6229	3164.570	1002.871
#2	6479.503	763.1048	3165.017	1003.978

Method: STL3 Sample Name: 220-7607-A-4-D MSD Operator: NP
Run Time: 12/30/08 11:10:42
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.67865	2054.169	48.91188	1232.305	950.9244	50.01298	H144831.9
SDev	.63116	20.537	1.03286	11.970	8.8785	.83760	3000.0
%RSD	1.221320	.9997588	2.111677	.9713551	.9336702	1.674757	2.071375
#1	51.23235	2039.648	48.18154	1223.841	944.6464	49.42071	H142710.5
#2	52.12495	2068.691	49.64222	1240.770	957.2024	50.60525	H146953.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.65943	472.4817	190.6144	250.3536	3341.267	H246649.5	30089.60
SDev	.47472	7.9572	4.8600	1.3481	34.570	1153.8	304.63
%RSD	.9559524	1.684132	2.549633	.5384722	1.034638	.4677891	1.012406
#1	49.32375	466.8552	187.1779	249.4003	3316.823	H245833.6	29874.20
#2	49.99511	478.1084	194.0509	251.3068	3365.712	H247465.3	30305.01

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	805.5196	1014.286	H183115.0	474.8522	17.32639	41.28126	1147.078
SDev	8.5272	11.196	1048.9	7.6542	.07692	.44577	4.243
%RSD	1.058600	1.103840	.5727939	1.611903	.4439726	1.079841	.3698801
#1	799.4899	1006.370	H182373.3	469.4399	17.27199	40.96605	1144.078
#2	811.5493	1022.203	H183856.6	480.2645	17.38078	41.59647	1150.078

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.76326	17.84064	17.06904	45.70383	32.42164	473.7403	499.3032
SDev	9.18203	2.86755	1.54696	.11760	1.57421	7.0341	11.5028
%RSD	18.08795	16.07315	9.062928	.2573173	4.855433	1.484792	2.303776
#1	44.27058	19.86831	15.97518	45.78698	31.30851	468.7665	491.1695
#2	57.25594	15.81298	18.16291	45.62067	33.53478	478.7141	507.4370

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6382.513	738.3094	3150.322	982.1323
SDev	86.479	7.6437	22.193	8.7341
%RSD	1.354942	1.035303	.7044754	.8892987
#1	6321.363	732.9045	3134.629	975.9564
#2	6443.663	743.7144	3166.015	988.3082

Method: STL3 Sample Name: 220-7607-A-4-A SD@5 Operator: NP
Run Time: 12/30/08 11:16:25
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.157743	5.938943	2.254336	45.87431	43.06963	-.053571	31209.57
SDev	.236121	1.604215	.741125	.11765	.02375	.050700	165.42
%RSD	149.6872	27.01180	32.87552	.2564669	.0551447	94.63955	.5300170
#1	.0092197	7.073294	1.730282	45.95750	43.05283	-.017721	31092.60
#2	-.324705	4.804591	2.778390	45.79111	43.08642	-.089421	31326.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1669929	.2299749	-.081494	-.049993	564.8347	57560.44	4660.857
SDev	.1183630	.0963555	.234566	.090965	9.6792	200.94	6.755
%RSD	70.87905	41.89827	287.8318	181.9534	1.713637	.3490985	.1449336
#1	.0832977	.2981085	.0843689	.0143284	571.6790	57418.36	4656.081
#2	.2506882	.1618413	-.247357	-.114315	557.9905	57702.53	4665.634

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76.16954	3.605390	80648.18	.3669088	-.484256	2.178189	1.195401
SDev	.41047	2.018272	244.11	.3046682	.029337	2.053361	.954637
%RSD	.5388950	55.97929	.3026808	83.03649	6.058206	94.26918	79.85915
#1	75.87929	5.032524	80475.57	.5823417	-.505001	.7262437	1.870431
#2	76.45979	2.178256	80820.79	.1514758	-.463512	3.630135	.5203707

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.83622	-1.00487	-.225040	3.645100	-.761238	.3524485	5.828733
SDev	2.45349	1.61496	.850255	2.949741	.257909	.8066088	.235657
%RSD	63.95586	160.7138	377.8235	80.92347	33.88025	228.8586	4.043015
#1	-5.57110	.1370826	-.826261	1.559318	-.943608	.9228070	5.662098
#2	-2.10134	-2.14682	.3761806	5.730882	-.578869	-.217910	5.995367

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1200.711	L-59.3562	751.8972	.9689556
SDev	.704	2.1728	3.1602	.4172318
%RSD	.0586247	3.660687	.4203006	43.05994
#1	1200.214	L-57.8197	749.6626	1.263983
#2	1201.209	L-60.8926	754.1318	.6739282

Method: STL3 Sample Name: 220-7607-A-5-A Operator: NP
Run Time: 12/30/08 11:22:08
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.074639	157.8233	20.23068	116.7826	326.8045	-.050991	96489.10
SDev	.141275	3.1379	1.31629	.2962	1.3491	.025294	858.59
%RSD	189.2781	1.988252	6.506385	.2536348	.4128251	49.60581	.8898345
#1	-.174536	160.0422	21.16143	116.5732	325.8505	-.033105	95881.98
#2	.0252577	155.6045	19.29992	116.9921	327.7584	-.068876	97096.22

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7554387	.5719330	1.001130	1.431814	341.8289	H459123.4	15368.91
SDev	.2102979	.3406424	.212962	.309473	7.4593	1040.4	136.26
%RSD	27.83785	59.55985	21.27212	21.61406	2.182180	.2266003	.8866063
#1	.6067356	.3310624	1.151717	1.650645	336.5543	H458387.8	15272.56
#2	.9041417	.8128036	.8505437	1.212984	347.1034	H459859.1	15465.26

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	837.4930	47.90662	H178773.8	3.424007	.3411690	.8689111	.3047520
SDev	6.2844	.46739	1353.0	.052998	1.229184	2.338219	1.002912
%RSD	.7503848	.9756306	.7568435	1.547835	360.2860	269.0976	329.0913
#1	833.0493	47.57613	H177817.0	3.386532	1.210333	-.784459	1.013918
#2	841.9368	48.23712	H179730.5	3.461482	-.527995	2.522282	-.404414

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0346200	-.612667	.8165724	2.051321	-1.50055	6.839949	12.83444
SDev	2.792184	1.318219	1.184733	3.841338	.67239	.324640	.23354
%RSD	8065.223	215.1607	145.0861	187.2616	44.80976	4.746229	1.819651
#1	2.008992	.3194544	1.654305	-.664915	-1.02510	7.069503	12.66930
#2	-1.93975	-1.54479	-.021161	4.767558	-1.97600	6.610393	12.99958

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2440.234	L-375.621	770.1809	15.00971
SDev	18.713	4.404	2.1374	.06695
%RSD	.7668578	1.172569	.2775216	.4460230
#1	2427.002	L-372.507	768.6695	14.96237
#2	2453.466	L-378.736	771.6923	15.05704

Method: STL3 Sample Name: 220-7607-A-6-A Operator: NP
Run Time: 12/30/08 11:27:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1080273	83.08019	.4549238	107.3454	27.71209	-.026695	63784.90
SDev	.1401239	3.65480	2.918410	.8076	.21377	.012677	627.65
%RSD	129.7116	4.399126	641.5162	.7523185	.7713870	47.48919	.9840035
#1	.2071098	85.66453	2.518551	106.7744	27.56093	-.017731	63341.09
#2	.0089447	80.49586	-1.60870	107.9165	27.86325	-.035659	64228.71

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2994732	.2037248	.4765222	.2753566	20548.19	10920.13	9858.576
SDev	.0160760	.5582214	.1163391	.0230116	42.62	1.62	54.971
%RSD	5.368090	274.0075	24.41420	8.357004	.2073935	.0148412	.5575921
#1	.2881057	-.190997	.3942581	.2916283	20518.06	10921.28	9819.706
#2	.3108406	.5984470	.5587864	.2590850	20578.33	10918.99	9897.446

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1015.184	.3755615	H197055.1	-.804114	.3571084	1.487934	-.308482
SDev	2.516	.4248993	666.2	.074980	1.205357	2.854250	.228568
%RSD	.2478287	113.1371	.3380862	9.324556	337.5326	191.8264	74.09434
#1	1013.405	.0751123	H196584.0	-.857133	-.495208	3.506193	-.470104
#2	1016.963	.6760106	H197526.2	-.751095	1.209424	-.530326	-.146860

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.363459	2.474556	-.700778	3.136383	-1.81512	.9545522	3.746277
SDev	6.363671	.353036	1.983315	5.550072	2.54549	.2065980	.232495
%RSD	269.2524	14.26664	283.0163	176.9577	140.2382	21.64344	6.206033
#1	-2.13634	2.724190	-2.10319	7.060877	-3.61505	.8084654	3.581878
#2	6.863254	2.224922	.7016376	-.788110	-.015185	1.100639	3.910675

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11750.10	L-266.821	334.2104	1.216767
SDev	40.88	2.171	.7338	.062762
%RSD	.3478733	.8137414	.2195752	5.158074
#1	11721.20	L-265.286	333.6916	1.172387
#2	11779.00	L-268.356	334.7294	1.261146

Method: STL3 Sample Name: 220-7607-A-7-A Operator: NP
Run Time: 12/30/08 11:33:34
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.185330	540.4231	2.847012	185.1698	307.8124	.0105004	H248694.3
SDev	.137502	7.4108	2.434240	2.2396	1.5581	.0125728	3660.5
%RSD	74.19335	1.371298	85.50158	1.209505	.5061930	119.7369	1.471894
#1	-.282558	535.1829	1.125744	183.5862	306.7107	.0193907	H246105.9
#2	-.088101	545.6633	4.568279	186.7535	308.9142	.0016101	H251282.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.039989	.9328762	2.127609	1.458128	29571.19	10664.60	41652.81
SDev	.004574	.3418936	.124897	.091645	400.83	55.10	330.33
%RSD	.2242224	36.64941	5.870314	6.285117	1.355470	.5166344	.7930609
#1	2.043224	1.174632	2.215924	1.522930	29287.76	10625.65	41419.23
#2	2.036755	.6911209	2.039293	1.393325	29854.62	10703.56	41886.39

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1660.746	.0300449	H194145.2	5.391843	4.624285	2.710722	-2.09591
SDev	22.538	.3186744	673.9	.796117	.764103	1.896569	.34270
%RSD	1.357080	1060.659	.3471145	14.76521	16.52370	69.96544	16.35072
#1	1644.809	.2553818	H193668.6	4.828903	5.164587	1.369646	-1.85359
#2	1676.682	-.195292	H194621.7	5.954783	4.083983	4.051799	-2.33824

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.658160	6.633314	3.620427	4.659430	-1.19355	1.953363	47.04968
SDev	1.370002	1.886520	.203806	3.032559	.37882	.743845	1.30814
%RSD	208.1563	28.44008	5.629349	65.08433	31.73925	38.08022	2.780335
#1	.3105774	7.967285	3.764540	2.515087	-.925678	2.479341	46.12468
#2	-1.62690	5.299343	3.476314	6.803773	-1.46141	1.427385	47.97467

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8339.970	L-351.302	1776.180	7.547200
SDev	103.414	6.478	12.888	.104078
%RSD	1.239985	1.844042	.7256091	1.379029
#1	8266.845	L-346.721	1767.067	7.473606
#2	8413.095	L-355.883	1785.294	7.620795

Method: STL3 Sample Name: 220-7607-A-8-A Operator: NP
Run Time: 12/30/08 11:39:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.179221	18.13425	-.090352	312.4656	47.70174	.0001561	H370186.4
SDev	.022452	4.47594	1.240407	1.2686	.05700	.1266452	2213.6
%RSD	12.52766	24.68224	1372.858	.4059820	.1195011	81132.34	.5979745
#1	-.163345	21.29921	.7867479	311.5685	47.66143	-.089396	H368621.1
#2	-.195097	14.96928	-.967452	313.3625	47.74205	.0897078	H371751.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1747574	.4669488	1.172082	.3238672	1014.123	9989.688	46429.42
SDev	.2368688	.0620655	.035148	.0228654	4.719	1.620	231.46
%RSD	135.5415	13.29172	2.998784	7.060124	.4653772	.0162166	.4985232
#1	.3422489	.4230618	1.147228	.3400355	1017.460	9990.833	46265.75
#2	.0072659	.5108357	1.196935	.3076989	1010.786	9988.542	46593.09

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	117.0791	.4206288	H164673.8	1.452956	1.828859	3.188352	-1.93372
SDev	.4317	.1487148	278.8	.992456	.394225	.277376	.82660
%RSD	.3686994	35.35535	.1693038	68.30604	21.55579	8.699667	42.74650
#1	116.7739	.3154716	H164476.6	2.154728	2.107618	3.384486	-2.51821
#2	117.3843	.5257860	H164870.9	.7511830	1.550100	2.992217	-1.34922

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.056603	2.567004	1.459640	6.199909	-2.84491	.2589842	2.650680
SDev	6.484434	.062478	.559850	1.590998	4.01988	.7618684	.000106
%RSD	11456.00	2.433901	38.35533	25.66163	141.3007	294.1757	.0039942
#1	4.528585	2.611183	1.855514	5.074904	-.002426	-.279738	2.650605
#2	-4.64179	2.522825	1.063767	7.324915	-5.68739	.7977065	2.650755

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5781.307	L-350.325	4325.057	.7912858
SDev	15.947	7.060	8.371	.0458832
%RSD	.2758406	2.015152	.1935466	5.798558
#1	5770.031	L-345.333	4319.138	.7588415
#2	5792.583	L-355.317	4330.976	.8237300

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 12/30/08 11:45:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.10546	4958.507	526.2415	509.7427	506.8659	516.3304	5265.758
SDev	.15173	8.887	1.5658	1.0677	.0428	1.5711	28.681
%RSD	.2804263	.1792308	.2975413	.2094619	.0084381	.3042808	.5446696
#1	53.99818	4952.223	527.3486	508.9877	506.8356	515.2195	5245.477
#2	54.21275	4964.791	525.1343	510.4977	506.8961	517.4414	5286.039

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	522.6133	527.0560	529.0124	498.6642	5226.326	37450.44	5027.661
SDev	.4459	2.5754	2.3671	.5163	12.658	38.89	5.346
%RSD	.0853153	.4886450	.4474577	.1035287	.2422003	.1038462	.1063340
#1	522.2980	525.2349	527.3387	499.0293	5235.276	37422.94	5023.880
#2	522.9286	528.8771	530.6863	498.2992	5217.375	37477.94	5031.441

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	532.0266	521.7750	38875.56	521.0783	513.0924	507.2441	507.0112
SDev	1.5052	2.5494	137.67	.9636	.5355	2.4929	3.5330
%RSD	.2829166	.4886029	.3541238	.1849319	.1043689	.4914624	.6968306
#1	533.0909	519.9724	38778.22	520.3969	512.7138	505.4814	504.5130
#2	530.9623	523.5778	38972.91	521.7597	513.4711	509.0069	509.5094

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.5951	512.8546	513.2105	507.3890	506.9529	514.9514	532.8080
SDev	23.2752	.6705	1.1376	3.6678	.1396	1.7248	2.3498
%RSD	4.668149	.1307405	.2216657	.7228759	.0275405	.3349489	.4410139
#1	515.0531	513.3287	512.4061	504.7955	506.8542	513.7318	531.1465
#2	482.1370	512.3805	514.0149	509.9825	507.0516	516.1711	534.4695

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	547.8375	501.4908	512.7775	511.6104
SDev	5.6583	1.9912	.4444	.2354
%RSD	1.032847	.3970514	.0866572	.0460088
#1	551.8386	500.0829	512.4633	511.4440
#2	543.8365	502.8988	513.0917	511.7769

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 12/30/08 11:50:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.063462	-.367683	1.049229	.5167828	.1242845	.0716939	-2.24030
SDev	.078857	4.065671	2.497459	.0794399	.0190016	.0506780	.66700
%RSD	124.2599	1105.753	238.0280	15.37200	15.28880	70.68665	29.77291
#1	-.007701	-3.24255	2.815199	.5729552	.1377207	.0358591	-2.71194
#2	-.119222	2.507180	-.716741	.4606103	.1108484	.1075287	-1.76865

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1703254	.2212957	.0084652	.0238336	11.34089	21.77151	1.809814
SDev	.0607832	.4918599	.2810454	.0794633	.80260	.00000	2.794340
%RSD	35.68649	222.2637	3320.023	333.4082	7.077015	.0000000	154.3993
#1	.1273452	-.126502	-.190264	.0800226	10.77337	21.77151	-.166083
#2	.2133056	.5690932	.2071943	-.032355	11.90841	21.77151	3.785711

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.215827	1.261887	9.999057	.5101902	1.412349	2.292066	3.958897
SDev	.010493	1.848312	2.832486	.8205467	1.103577	.855411	.884891
%RSD	4.861808	146.4721	28.32754	160.8315	78.13773	37.32053	22.35195
#1	-.223247	2.568840	12.00193	1.090404	2.192696	1.687199	4.584610
#2	-.208407	-.045067	7.996187	-.070024	.6320019	2.896933	3.333185

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.92647	.5778177	1.828389	3.746695	-.622663	.3893761	-1.21821
SDev	4.36815	.3772235	1.466210	.718150	1.130487	.3741983	.07884
%RSD	226.7439	65.28416	80.19134	19.16756	181.5568	96.10201	6.471765
#1	1.162279	.8445550	2.865156	3.238887	-1.42204	.6539743	-1.27395
#2	-5.01521	.3110805	.7916223	4.254504	.1767120	.1247780	-1.16246

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.67502	5.824304	.0173663	.2364589
SDev	.31195	3.318781	.0040682	.1900680
%RSD	8.488506	56.98159	23.42570	80.38102
#1	-3.45443	8.171036	.0144897	.3708573
#2	-3.89560	3.477571	.0202430	.1020605

Method: STL3 Sample Name: 220-7607-A-9-A Operator: NP
Run Time: 12/30/08 11:56:27
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.186635	39.28035	3.895212	410.1598	77.99022	.0271782	H498961.1
SDev	.179930	4.74113	.528107	5.3668	.23277	.0125260	10101.1
%RSD	96.40768	12.06997	13.55785	1.308463	.2984596	46.08851	2.024424
#1	-.313864	35.92787	3.521784	406.3649	77.82562	.0183210	H491818.5
#2	-.059405	42.63284	4.268641	413.9547	78.15481	.0360354	H506103.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4343261	.6389633	.6004353	.5022341	1350.990	8229.633	47430.69
SDev	.2833249	.0603615	.2922017	.3203838	15.772	72.922	355.82
%RSD	65.23323	9.446793	48.66498	63.79172	1.167457	.8860962	.7501975
#1	.6346670	.5962812	.3938175	.7287796	1339.837	8178.068	47179.09
#2	.2339851	.6816453	.8070531	.2756885	1362.142	8281.196	47682.30

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	195.5933	-.150225	97551.23	.8095481	1.151372	2.680126	-.480175
SDev	2.7686	.616104	708.38	.6482545	.689889	.476817	1.260277
%RSD	1.415509	410.1218	.7261650	80.07609	59.91890	17.79085	262.4619
#1	193.6356	.2854268	97050.33	1.267933	.6635464	3.017286	.4109752
#2	197.5511	-.585876	98052.13	.3511630	1.639197	2.342965	-1.37133

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.53710	2.895608	.2798113	6.230314	-4.43201	.5707192	7.716204
SDev	.89646	.066646	1.067661	.097309	1.23711	1.361752	.468709
%RSD	19.75846	2.301628	381.5645	1.561863	27.91316	238.6028	6.074352
#1	-5.17099	2.942734	-.475139	6.299122	-3.55724	-.392185	7.384776
#2	-3.90321	2.848483	1.034761	6.161506	-5.30678	1.533623	8.047631

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5668.075	L-362.499	6457.410	1.547042
SDev	58.569	6.908	52.795	.038406
%RSD	1.033308	1.905782	.8175897	2.482564
#1	5626.661	L-357.614	6420.078	1.574200
#2	5709.489	L-367.384	6494.742	1.519885

Method: STL3 Sample Name: 220-7607-A-10-A Operator: NP
Run Time: 12/30/08 12:02:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.187512	82.51677	3.096504	235.8049	104.8424	.0182514	H286855.0
SDev	.151966	3.24024	.722270	2.0774	.0047	.0506781	1875.9
%RSD	81.04329	3.926771	23.32534	.8809901	.0045281	277.6675	.6539654
#1	-.294968	84.80797	2.585782	234.3359	104.8390	.0540862	H285528.5
#2	-.080056	80.22557	3.607227	237.2738	104.8457	-.017583	H288181.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3772141	.6011796	.7998163	1.067407	3353.460	10891.49	43664.29
SDev	.0084319	.0604138	.0340599	.068496	20.772	25.93	119.24
%RSD	2.235314	10.04920	4.258463	6.417043	.6194236	.2380591	.2730868
#1	.3831764	.5584607	.7757323	1.115841	3338.773	10909.82	43579.97
#2	.3712519	.6438986	.8239002	1.018973	3368.149	10873.15	43748.60

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	538.7916	4.536782	H123984.7	4.895697	1.354298	2.666497	-1.03832
SDev	3.0528	.701084	383.7	1.078158	.454211	.619771	3.34030
%RSD	.5665947	15.45333	.3094732	22.02256	33.53846	23.24287	321.7028
#1	536.6329	5.032524	H123713.4	4.133324	1.033122	3.104741	1.323631
#2	540.9502	4.041041	H124256.0	5.658069	1.675473	2.228253	-3.40027

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.12490	-.179378	2.119186	4.733182	-1.47418	.0725292	5.535285
SDev	.14436	1.446509	.041195	1.125555	.39346	.1850434	.078974
%RSD	6.793581	806.4044	1.943883	23.78010	26.69005	255.1295	1.426733
#1	-2.22698	-1.20221	2.148315	5.529070	-1.75240	.2033746	5.591127
#2	-2.02283	.8434585	2.090057	3.937294	-1.19596	-.058316	5.479442

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5350.497	L-319.365	3191.870	1.473967
SDev	21.624	.573	2.406	.053209
%RSD	.4041443	.1793753	.0753842	3.609909
#1	5335.207	L-318.960	3190.169	1.511592
#2	5365.787	L-319.771	3193.572	1.436343

Method: STL3 Sample Name: 220-7586-C-1-A Operator: NP
Run Time: 12/30/08 12:07:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.126106	2.280418	3.685351	223.7730	190.2796	-.027035	47160.84
SDev	.098947	2.336693	1.171984	1.0278	.5130	.139412	244.95
%RSD	78.46294	102.4677	31.80116	.4593170	.2696270	515.6702	.5194023
#1	-.056140	.6281267	2.856633	223.0462	190.6424	-.125614	46987.63
#2	-.196072	3.932710	4.514069	224.4998	189.9168	.0715440	47334.05

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1811831	.9264463	-1.29982	.5182806	11560.74	26623.12	36842.99
SDev	.0367397	.8068182	.17007	.1142450	14.08	131.26	28.99
%RSD	20.27769	87.08742	13.08443	22.04308	.1217556	.4930332	.0786815
#1	.1552042	.3559397	-1.17956	.4374972	11550.79	26530.31	36822.49
#2	.2071620	1.496953	-1.42009	.5990640	11570.69	26715.94	36863.49

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5632.197	.3004493	73985.67	5.163919	.4500095	2.967514	-1.46054
SDev	17.622	.6585938	331.27	.743835	.1528707	2.519999	1.50444
%RSD	.3128811	219.2030	.4477468	14.40447	33.97055	84.91953	103.0057
#1	5619.736	-.165247	73751.43	4.637948	.3419136	1.185606	-.396742
#2	5644.658	.7661454	74219.91	5.689889	.5581054	4.749423	-2.52434

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.17161	-1.05468	1.200426	4.039636	.8189497	.7205651	2.057455
SDev	4.55637	.86222	.659656	3.742032	.0721224	.2973686	.153871
%RSD	209.8147	81.75211	54.95184	92.63289	8.806690	41.26880	7.478729
#1	1.050223	-.444996	.7339785	1.393620	.7679515	.9308364	1.948651
#2	-5.39345	-1.66436	1.666873	6.685652	.8699479	.5102937	2.166259

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7032.825	-6.91563	332.6429	-.363341
SDev	12.753	3.01717	.9705	.000727
%RSD	.1813323	43.62821	.2917550	.2001954
#1	7023.807	-9.04909	331.9567	-.363855
#2	7041.842	-4.78217	333.3292	-.362826

Method: STL3 Sample Name: 220-7586-C-2-A Operator: NP
Run Time: 12/30/08 12:13:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.225737	79.72797	1.941108	11.80578	15.06530	-.025278	4594.494
SDev	.207945	3.55948	.544318	.01986	.10451	.037972	48.524
%RSD	92.11837	4.464526	28.04160	.1682250	.6937046	150.2157	1.056137
#1	-.372777	82.24490	2.325998	11.79173	14.99140	-.052129	4560.183
#2	-.078698	77.21104	1.556217	11.81982	15.13920	.0015719	4628.806

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1537044	.3056948	1.538722	.2187161	158.0325	860.5478	2748.945
SDev	.0579200	.1563065	.199241	.3090757	4.4465	.0000	20.957
%RSD	37.68271	51.13154	12.94848	141.3136	2.813655	.0000000	.7623784
#1	.1127488	.1951694	1.397837	.0001666	161.1766	860.5478	2734.126
#2	.1946601	.4162202	1.679606	.4372656	154.8884	860.5478	2763.764

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.907589	-.135202	13728.92	.4555182	1.918900	3.072727	-2.32316
SDev	.063206	.722329	66.14	.4479296	.817685	1.648225	1.30196
%RSD	.9150291	534.2582	.4817722	98.33408	42.61215	53.64045	56.04259
#1	6.862895	-.645966	13775.69	.1387841	1.340710	4.238198	-1.40254
#2	6.952283	.3755614	13682.15	.7722522	2.497090	1.907256	-3.24379

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.54433	1.518281	2.118260	3.775810	1.663448	.0489871	2.978792
SDev	1.56966	.784564	1.617537	2.037909	.867685	.5144814	.234396
%RSD	101.6403	51.67449	76.36161	53.97276	52.16186	1050.239	7.868822
#1	-2.65425	2.073052	.9744881	5.216829	2.276994	-.314806	3.144535
#2	-.434412	.9635107	3.262031	2.334791	1.049902	.4127803	2.813049

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6999.950	-.116596	45.38112	6.982078
SDev	33.493	3.348777	.06430	.045179
%RSD	.4784695	2872.121	.1416783	.6470670
#1	6976.267	2.251347	45.33566	6.950132
#2	7023.633	-2.48454	45.42658	7.014024

Method: STL3 Sample Name: 220-7586-C-3-A Operator: NP
Run Time: 12/30/08 12:19:21
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0216887	1.919970	1.068873	91.25977	143.4210	.0087799	93289.13
SDev	.1532283	4.865605	2.129497	1.54250	.9691	.0380057	1516.77
%RSD	706.4899	253.4209	199.2283	1.690226	.6756878	432.8700	1.625876
#1	-.086660	-1.52053	-.436909	90.16906	142.7357	-.018094	92216.62
#2	.1300375	5.360473	2.574655	92.35048	144.1062	.0356541	94361.65

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0686922	5.855697	.0844916	.9799354	743.6792	6631.145	61463.57
SDev	.3749319	.680705	.6281273	.1260698	16.0179	68.061	563.13
%RSD	545.8143	11.62466	743.4197	12.86511	2.153876	1.026391	.9161975
#1	-.196425	5.374365	-.359661	.8907906	732.3528	6583.018	61065.38
#2	.3338091	6.337027	.5286447	1.069080	755.0056	6679.271	61861.76

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	822.4418	.5858759	73849.69	8.496090	1.922009	2.426214	-.441952
SDev	13.2953	.2549396	428.70	.765735	.894448	1.660428	.140686
%RSD	1.616562	43.51427	.5805035	9.012795	46.53713	68.43700	31.83283
#1	813.0406	.7661454	73546.55	7.954633	1.289538	3.600314	-.342472
#2	831.8430	.4056064	74152.83	9.037546	2.554478	1.252114	-.541431

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.42304	4.233729	.7669808	4.259762	-1.24759	.8022586	6.860853
SDev	4.14926	3.099637	.2064941	1.458039	2.06581	.0984610	.549072
%RSD	121.2157	73.21291	26.92298	34.22819	165.5847	12.27297	8.002975
#1	-.489068	2.041955	.9129941	5.290751	.2131635	.7326362	7.249105
#2	-6.35701	6.425504	.6209674	3.228772	-2.70834	.8718810	6.472600

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12310.10	-9.79863	484.6527	-.433074
SDev	137.83	2.20199	5.0791	.010060
%RSD	1.119621	22.47246	1.047986	2.323014
#1	12212.64	-8.24159	481.0613	-.440188
#2	12407.55	L-11.3557	488.2442	-.425960

Method: STL3 Sample Name: 220-7586-C-4-A Operator: NP
Run Time: 12/30/08 12:25:04
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.107315	L-10.2486	.3242959	-1.19499	.6986805	.0896124	12.26268
SDev	.028047	3.2496	1.214368	.03932	.0142512	.1013831	.83375
%RSD	26.13490	31.70741	374.4630	3.290215	2.039724	113.1351	6.799105
#1	-.127147	-7.95080	-.534392	-1.22280	.6886035	.1613011	12.85223
#2	-.087483	L-12.5464	1.182984	-1.16719	.7087576	.0179237	11.67313

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2082992	.4146881	.4307144	.2756051	38.94955	27.50085	4.610411
SDev	.0332844	.0300429	.3163264	.2292111	1.11303	8.10252	.698434
%RSD	15.97914	7.244709	73.44228	83.16649	2.857613	29.46279	15.14905
#1	.1847636	.3934445	.2070378	.1135284	39.73658	21.77151	5.104278
#2	.2318349	.4359317	.6543909	.4376819	38.16253	33.23020	4.116544

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0148707	-.600898	37.50411	.5264504	.6161624	2.228236	-1.55822
SDev	.0210788	.276184	2.63789	.6648189	.2314755	.505046	1.48468
%RSD	141.7475	45.96192	7.033599	126.2833	37.56728	22.66573	95.28082
#1	-.000034	-.405607	39.36937	.0563525	.7798402	2.585357	-2.60805
#2	.0297757	-.796190	35.63884	.9965483	.4524845	1.871114	-.508389

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.87111	-.017935	.9321358	3.720069	-.761110	-.186049	.8844529
SDev	5.66540	.489897	.1024585	.756750	.000600	.275859	.7049904
%RSD	302.7831	2731.575	10.99180	20.34237	.0787993	148.2720	79.70921
#1	-5.87716	.3284747	1.004585	4.255171	-.760686	-.381111	.3859494
#2	2.134936	-.364344	.8596867	3.184965	-.761534	.0090124	1.382956

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-5.50475	-.447228	.0719063	-.018793
SDev	5.88654	.301643	.0000175	.057031
%RSD	106.9358	67.44740	.0243466	303.4761
#1	-1.34233	-.233934	.0718939	-.059120
#2	-9.66716	-.660522	.0719186	.0215345

Method: STL3 Sample Name: 220-7586-C-5-A Operator: NP
Run Time: 12/30/08 12:32:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.028712	4.008320	.1058505	82.00621	133.8645	-.125523	86247.52
SDev	.044268	1.935114	.5077831	.10032	.6128	.101496	859.43
%RSD	154.1817	48.27743	479.7173	.1223342	.4577806	80.85828	.9964727
#1	.0025906	2.639988	.4649073	82.07715	134.2978	-.197292	85639.81
#2	-.060014	5.376653	-.253206	81.93527	133.4312	-.053755	86855.23

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2273248	5.375942	-.095358	.0320637	695.1421	6199.152	57366.93
SDev	.2519035	.186084	.232310	.4812514	9.9623	24.307	41.42
%RSD	110.8121	3.461416	243.6188	1500.922	1.433136	.3921099	.0721940
#1	.4054475	5.244361	-.259626	.3723598	688.0977	6181.964	57396.21
#2	.0492021	5.507523	.0689099	-.308232	702.1865	6216.340	57337.64

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	764.9331	.9464149	70764.00	8.654638	.7528476	1.673157	-1.11104
SDev	5.2317	.2549396	368.78	.237480	.0414809	.418310	1.73988
%RSD	.6839479	26.93740	.5211461	2.743958	5.509866	25.00126	156.5998
#1	761.2337	.7661454	70503.23	8.486714	.7235161	1.377367	.1192448
#2	768.6325	1.126684	71024.77	8.822561	.7821789	1.968947	-2.34132

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.63543	.5208132	.8678906	3.050649	-1.08696	.2870742	5.816889
SDev	.34698	2.981897	1.426523	.037909	1.18025	.4789526	.157352
%RSD	7.485386	572.5463	164.3667	1.242656	108.5828	166.8393	2.705084
#1	-4.88079	-1.58771	1.876595	3.023843	-1.92153	.6257448	5.928153
#2	-4.39008	2.629332	-.140814	3.077455	-.252397	-.051596	5.705625

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11546.00	-7.73038	459.1796	-.468400
SDev	113.12	.90483	2.0720	.033959
%RSD	.9797674	11.70480	.4512375	7.249927
#1	11466.01	-7.09057	457.7145	-.492412
#2	11625.99	-8.37019	460.6447	-.444387

Method: STL3 Sample Name: 220-7586-C-6-A Operator: NP
Run Time: 12/30/08 12:38:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.059649	-1.43784	-.393176	10.04067	12.76436	-.026913	7997.505
SDev	.140494	6.80337	1.257932	.27811	.00475	.012628	22.011
%RSD	235.5360	473.1663	319.9414	2.769873	.0372192	46.91998	.2752248
#1	.0396956	-6.24855	.4963166	9.844018	12.76772	-.017984	7981.941
#2	-.158993	3.372869	-1.28267	10.23733	12.76100	-.035842	8013.069

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0563477	-.396606	1.301001	.0891641	20.38945	982.0099	4708.122
SDev	.0080158	.434627	.187516	.0800369	6.33709	3.2410	7.218
%RSD	14.22561	109.5867	14.41318	89.76357	31.08024	.3300352	.1533128
#1	.0506797	-.089278	1.433595	.1457587	24.87045	984.3016	4703.018
#2	.0620157	-.703934	1.168408	.0325695	15.90845	979.7181	4713.226

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3721953	-.090135	14227.75	.4635093	.2899135	2.704552	-.063945
SDev	.0421504	.446144	36.46	.5029076	.3472488	2.389395	.305741
%RSD	11.32479	494.9748	.2562271	108.5000	119.7767	88.34714	478.1314
#1	.4020001	.2253370	14201.98	.1078998	.5354555	1.014995	.1522468
#2	.3423905	-.405607	14253.53	.8191187	.0443715	4.394110	-.280137

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.95321	.9445581	-.037518	4.185698	-.263187	.2138079	.7750959
SDev	4.50187	.6863742	.177940	3.668080	.171816	.4860892	.2349517
%RSD	113.8790	72.66617	474.2824	87.63364	65.28262	227.3486	30.31259
#1	-7.13651	1.429898	.0883050	1.591974	-.141695	.5575249	.6089600
#2	-.769903	.4592183	-.163341	6.779423	-.384680	-.129909	.9412318

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9844.283	-.490306	53.27654	-.054437
SDev	30.013	3.379064	.01587	.023096
%RSD	.3048742	689.1744	.0297857	42.42671
#1	9823.060	1.899053	53.26532	-.038106
#2	9865.505	-2.87967	53.28776	-.070769

Method: STL3 Sample Name: 220-7588-D-1-A @5 Operator: NP
Run Time: 12/30/08 12:43:58
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.163457	84.03262	18.42982	1774.857	108.5508	-.097544	40112.39
SDev	.022472	1.82448	1.72750	2.457	.3848	.012672	46.52
%RSD	13.74804	2.171160	9.373397	.1384389	.3544736	12.99133	.1159807
#1	-.179347	82.74252	17.20829	1773.119	108.2787	-.106505	40079.50
#2	-.147566	85.32272	19.65135	1776.594	108.8229	-.088583	40145.29

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4066593	4.026897	11.11344	6.722199	1596.119	66251.86	14383.21
SDev	.2318272	.496529	.33957	.022944	3.847	222.01	33.30
%RSD	57.00774	12.33032	3.055533	.3413229	.2410037	.3350992	.2315269
#1	.5705858	4.377996	10.87332	6.705975	1598.839	66094.88	14359.67
#2	.2427326	3.675798	11.35355	6.738423	1593.399	66408.84	14406.76

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	414.3735	2.058077	96183.05	17.74549	2.942532	4.376885	5.392121
SDev	.3474	.169960	75.01	.04738	.131385	3.299706	.882126
%RSD	.0838382	8.258184	.0779852	.2669735	4.465044	75.38938	16.35954
#1	414.1278	2.178256	96130.02	17.77899	3.035436	6.710129	4.768364
#2	414.6191	1.937897	96236.09	17.71199	2.849629	2.043640	6.015878

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.78820	3.584258	2.621151	5.324143	2.478521	3.564387	10.68382
SDev	4.78026	.318974	.356227	5.317812	.742566	.048950	.31351
%RSD	126.1881	8.899296	13.59048	99.88109	29.96004	1.373313	2.934448
#1	-.408047	3.358710	2.873042	9.084405	1.953448	3.529774	10.46214
#2	-7.16836	3.809807	2.369261	1.563882	3.003595	3.599000	10.90551

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2432.277	-4.29156	225.6595	5.958445
SDev	10.941	.00005	.4195	.026233
%RSD	.4498251	.0010685	.1858945	.4402694
#1	2424.541	-4.29153	225.3629	5.939895
#2	2440.013	-4.29160	225.9561	5.976994

Method: STL3 Sample Name: 220-7588-D-2-A Operator: NP
Run Time: 12/30/08 12:49:41
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.201883	248.3242	4.041849	15.70853	121.8425	-.035276	H199505.1
SDev	.219522	1.2926	.097570	.83614	.8836	.101475	3401.7
%RSD	108.7373	.5205482	2.413993	5.322843	.7251744	287.6635	1.705065
#1	-.357108	247.4102	4.110842	16.29977	121.2177	.0364782	H197099.8
#2	-.046657	249.2382	3.972857	15.11729	122.4673	-.107030	H201910.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2212936	.6977031	2.772908	3.256516	4884.665	5250.372	21924.08
SDev	.0656975	.2153878	.176393	.000183	41.274	8.102	200.27
%RSD	29.68791	30.87099	6.361295	.0056325	.8449690	.1543201	.9134898
#1	.2677487	.8500053	2.897636	3.256646	4855.480	5244.643	21782.46
#2	.1748385	.5454009	2.648179	3.256387	4913.850	5256.102	22065.69

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	342.3648	-.465696	H194444.5	2.400574	2.166544	3.366110	-1.48883
SDev	3.0844	.849799	673.5	1.072517	.671542	.681008	.85826
%RSD	.9009165	182.4791	.3463925	44.67754	30.99597	20.23132	57.64653
#1	340.1838	-1.06659	H193968.2	1.642189	2.641396	2.884564	-.881951
#2	344.5458	.1352019	H194920.8	3.158958	1.691693	3.847655	-2.09571

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.06390	3.285427	1.607142	6.132982	-2.17695	2.112790	11.34041
SDev	1.44996	3.696374	.838607	.543804	.95583	1.351444	.54515
%RSD	35.67917	112.5082	52.18002	8.866877	43.90682	63.96492	4.807129
#1	-5.08918	5.899158	1.014157	5.748455	-2.85282	1.157175	10.95493
#2	-3.03862	.6716961	2.200127	6.517510	-1.50107	3.068406	11.72589

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5416.809	-1.37028	916.4700	3.368852
SDev	68.846	.72502	6.0478	.123868
%RSD	1.270968	52.91063	.6598997	3.676863
#1	5368.127	-1.88295	912.1935	3.281264
#2	5465.490	-.857611	920.7464	3.456440

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 12/30/08 12:56:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.33248	4958.420	524.6686	511.7563	506.9800	519.5382	5291.816
SDev	.14762	8.541	.8675	4.2678	2.3894	2.7121	43.188
%RSD	.2716985	.1722498	.1653475	.8339561	.4713088	.5220159	.8161359
#1	54.22810	4952.381	524.0551	508.7386	505.2905	517.6205	5261.277
#2	54.43686	4964.459	525.2820	514.7742	508.6696	521.4559	5322.355

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	525.0277	525.3528	531.5963	497.8612	5259.521	37171.99	5029.156
SDev	5.5861	3.5122	4.7786	1.8984	62.869	1.62	34.033
%RSD	1.063966	.6685385	.8989199	.3813169	1.195343	.0043618	.6767132
#1	521.0778	522.8693	528.2173	496.5188	5215.066	37170.85	5005.091
#2	528.9777	527.8362	534.9753	499.2036	5303.977	37173.14	5053.221

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	534.1332	524.8096	38847.94	522.4510	511.1520	510.1503	508.2672
SDev	5.6216	9.0078	14.83	1.3594	3.6578	1.8407	8.6523
%RSD	1.052462	1.716402	.0381814	.2601971	.7156037	.3608246	1.702306
#1	530.1581	518.4401	38837.45	521.4897	508.5656	508.8487	502.1491
#2	538.1082	531.1791	38858.43	523.4122	513.7385	511.4519	514.3853

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.1184	517.5156	507.9744	512.8922	504.6574	515.5024	537.6221
SDev	1.5992	1.6046	4.6828	.5447	6.6188	3.4384	2.8934
%RSD	.3210505	.3100638	.9218557	.1062020	1.311537	.6669968	.5381811
#1	496.9876	516.3809	504.6632	513.2773	499.9772	513.0711	535.5762
#2	499.2492	518.6502	511.2856	512.5070	509.3376	517.9337	539.6680

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	550.7698	503.7964	511.8244	512.4270
SDev	2.3428	6.0392	1.6932	3.5256
%RSD	.4253621	1.198737	.3308145	.6880130
#1	552.4264	499.5260	510.6271	509.9341
#2	549.1132	508.0667	513.0217	514.9200

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 12/30/08 13:01:55
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.075287	1.143636	.8389600	1.063519	.0571037	.0269325	12.73432
SDev	.253028	3.154004	2.726232	.177919	.0000000	.0633602	.50025
%RSD	336.0860	275.7873	324.9537	16.72924	.0000000	235.2554	3.928367
#1	.1036310	-1.08658	2.766697	1.189326	.0571037	.0717349	12.38059
#2	-.254204	3.373854	-1.08878	.9377113	.0571037	-.017870	13.08805

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2224538	.4199137	-.206984	.1936671	5.455176	18.33391	2.962726
SDev	.1551974	.1586860	.210753	.2512988	1.369991	1.62053	.232452
%RSD	69.76611	37.79015	101.8209	129.7581	25.11359	8.838983	7.845871
#1	.3321949	.5321216	-.356009	.3713622	6.423906	19.47979	2.798358
#2	.1127127	.3077057	-.057959	.0159721	4.486447	17.18802	3.127095

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.163754	1.877807	5.855716	.5425254	.5418982	3.123070	4.464503
SDev	.063199	1.827067	.994613	.4167726	1.079381	1.433440	4.017636
%RSD	38.59360	97.29791	16.98533	76.82085	199.1852	45.89844	89.99065
#1	-.119066	3.169739	6.559013	.8372282	1.305136	4.136665	7.305401
#2	-.208442	.5858758	5.152419	.2478227	-.221339	2.109474	1.623606

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.12128	.0887673	.7674743	3.924882	1.515935	.0375496	3.263675
SDev	.13805	.8655852	1.186048	2.328782	.359789	.4246253	.000735
%RSD	6.507877	975.1176	154.5391	59.33380	23.73382	1130.839	.0225270
#1	-2.02366	.7008284	1.606137	5.571580	1.261526	.3378050	3.263155
#2	-2.21890	-.523294	-.071188	2.278185	1.770344	-.262706	3.264195

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.86532	3.904266	.0632367	.2472843
SDev	.92584	5.128973	.0040927	.2052186
%RSD	32.31203	131.3684	6.472036	82.98895
#1	-2.21065	7.530998	.0661307	.3923957
#2	-3.51999	.2775339	.0603427	.1021728

Method: STL3 Sample Name: 220-7630-A-20-A @10 Operator: NP
Run Time: 12/30/08 13:07:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2238312	2223.475	30.82210	2.497262	2009.301	1.099346	3996.335
SDev	.1798092	1.002	1.73986	.161075	4.836	.012731	29.348
%RSD	80.33248	.0450552	5.644844	6.450065	.2406755	1.158063	.7343738
#1	.0966869	2222.767	32.05237	2.611159	2005.882	1.108349	3975.583
#2	.3509755	2224.184	29.59183	2.383364	2012.721	1.090344	4017.087

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4191251	2.909179	164.6004	29.24975	5045.670	275.0086	469.5684
SDev	.0573377	.216003	1.8159	.30936	19.087	4.8615	4.4267
%RSD	13.68034	7.424893	1.103197	1.057638	.3782789	1.767767	.9427100
#1	.3785812	2.756442	163.3164	29.03100	5032.173	271.5710	466.4382
#2	.4596690	3.061917	165.8845	29.46850	5059.166	278.4462	472.6985

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	150.4273	.4056064	193.0093	7.881682	29023.35	1.067121	1.862120
SDev	.3685	.0849798	.0216	.034063	246.79	1.255540	2.251637
%RSD	.2449597	20.95130	.0111972	.4321803	.8503010	117.6568	120.9179
#1	150.1667	.3455166	193.0246	7.857596	28848.84	.1793203	.2699723
#2	150.6878	.4656962	192.9940	7.905769	29197.85	1.954922	3.454268

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1880118	29407.03	28831.79	2.091491	-.985795	13.61250	337.5371
SDev	2.121901	176.94	281.66	1.145350	1.476394	.63416	3.4440
%RSD	1128.600	.6016869	.9768953	54.76236	149.7669	4.658692	1.020318
#1	-1.31240	29281.92	28632.63	1.281606	-2.02976	13.16408	335.1019
#2	1.688422	29532.15	29030.95	2.901375	.0581739	14.06092	339.9724

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	283.6536	15.09741	82.16545	72.04646
SDev	1.3374	1.02534	.01980	.01504
%RSD	.4715029	6.791508	.0240964	.0208764
#1	282.7079	15.82244	82.15145	72.03583
#2	284.5993	14.37238	82.17945	72.05710

Method: STL3 Sample Name: 220-7607-A-4-A PDS Operator: NP
Run Time: 12/30/08 13:13:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.24658	2157.328	51.11883	404.7176	2109.004	50.95061	H148523.8
SDev	.35523	14.197	.36166	5.0403	27.058	.77289	2256.8
%RSD	.6671386	.6581003	.7074975	1.245380	1.282994	1.516947	1.519486
#1	52.99540	2147.289	50.86310	401.1536	2089.871	50.40410	H146928.0
#2	53.49777	2167.367	51.37457	408.2816	2128.137	51.49714	H150119.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.23994	490.7411	195.7379	261.3025	3453.309	H254832.1	30165.35
SDev	.44999	4.4564	2.9508	1.8667	36.769	753.5	263.43
%RSD	.8956834	.9080880	1.507533	.7143855	1.064748	.2956934	.8732835
#1	49.92175	487.5900	193.6514	259.9826	3427.309	H254299.3	29979.08
#2	50.55813	493.8922	197.8245	262.6225	3479.308	H255365.0	30351.62

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	832.5564	198.5519	H180368.4	489.3571	22.56317	63.80781	303.3260
SDev	10.6114	2.5494	490.7	7.2888	.65122	.87997	4.6396
%RSD	1.274555	1.283996	.2720721	1.489461	2.886229	1.379102	1.529586
#1	825.0530	196.7491	H180021.4	484.2031	22.10268	63.18557	300.0453
#2	840.0598	200.3545	H180715.4	494.5110	23.02366	64.43005	306.6067

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.75361	21.82034	22.93318	67.12718	57.15790	486.7576	509.5426
SDev	4.81379	1.69830	.12840	.52232	1.59607	5.1196	8.9996
%RSD	9.484633	7.783093	.5599001	.7781113	2.792387	1.051780	1.766216
#1	54.15747	20.61946	22.84239	66.75784	56.02931	483.1375	503.1789
#2	47.34974	23.02121	23.02398	67.49652	58.28649	490.3777	515.9063

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5872.856	L-112.082	3304.366	194.3896
SDev	60.527	8.474	23.217	2.0474
%RSD	1.030629	7.560820	.7026147	1.053229
#1	5830.057	L-106.089	3287.949	192.9419
#2	5915.656	L-118.074	3320.783	195.8373

Method: STL3 Sample Name: 220-7588-D-2-A @10 Operator: NP
Run Time: 12/30/08 13:19:06
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.130687	28.81495	.2514521	1.642682	13.00285	-.062670	21512.86
SDev	.033743	2.13433	2.075222	.079166	.01900	.012673	204.10
%RSD	25.81943	7.407019	825.2949	4.819290	.1461359	20.22252	.9487465
#1	-.106828	27.30575	1.718856	1.698660	13.01628	-.053708	21368.54
#2	-.154547	30.32414	-1.21595	1.586703	12.98941	-.071631	21657.18

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2058619	.3056702	.1623082	.3481144	538.9813	334.5938	2298.805
SDev	.0172293	.0632185	.2110052	.0340739	2.5000	1.6205	16.535
%RSD	8.369361	20.68192	130.0028	9.788126	.4638445	.4843153	.7192795
#1	.2180449	.3503724	.3115113	.3722082	537.2136	333.4479	2287.113
#2	.1936789	.2609680	.0131050	.3240205	540.7491	335.7396	2310.497

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.54771	.5708535	47455.90	.7989908	-.098257	3.447947	1.102686
SDev	.33684	.7010838	74.98	.4504503	1.424525	2.911407	2.018779
%RSD	.9216382	122.8133	.1580071	56.37740	1449.789	84.43886	183.0783
#1	36.30953	1.066595	47402.88	1.117507	.9090338	5.506622	2.530178
#2	36.78589	.0751123	47508.92	.4804743	-1.10555	1.389271	-.324806

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.586833	-.358067	.0307528	5.823348	-1.31109	.3747522	5.502363
SDev	3.550281	.441418	2.355956	4.929529	1.13076	.2101229	.077971
%RSD	604.9901	123.2782	7660.940	84.65111	86.24548	56.06984	1.417052
#1	-3.09726	-.670197	1.696665	9.309052	-2.11066	.5233315	5.447229
#2	1.923595	-.045937	-1.63516	2.337645	-.511525	.2261728	5.557498

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	566.2644	.1818828	99.16598	.3750293
SDev	1.5360	.5129403	.47741	.1017511
%RSD	.2712525	282.0169	.4814223	27.13150
#1	567.3505	.5445864	98.82840	.4469782
#2	565.1783	-.180821	99.50356	.3030804

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 12/30/08 13:24:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.61738	4979.001	530.0950	511.1250	509.4322	520.0225	5282.855
SDev	.48402	26.270	3.6623	3.8499	.6603	6.8424	83.209
%RSD	.9027217	.5276225	.6908743	.7532165	.1296152	1.315784	1.575070
#1	53.27513	4960.425	527.5053	508.4027	508.9653	515.1842	5224.018
#2	53.95963	4997.577	532.6846	513.8473	509.8991	524.8608	5341.692

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	526.5469	527.4517	530.1141	500.0966	5253.123	37387.42	5019.768
SDev	3.1024	6.5425	7.1806	.0897	22.217	50.24	28.662
%RSD	.5892048	1.240400	1.354531	.0179418	.4229274	.1343707	.5709756
#1	524.3532	522.8254	525.0367	500.0331	5237.413	37351.89	4999.501
#2	528.7407	532.0779	535.1915	500.1600	5268.833	37422.94	5040.034

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	533.5601	525.2002	39116.38	523.6896	514.2898	512.9276	504.4498
SDev	3.1901	5.9911	232.09	7.8626	3.3865	4.7496	5.6651
%RSD	.5978805	1.140722	.5933352	1.501384	.6584866	.9259745	1.123034
#1	531.3043	520.9639	38952.27	518.1299	511.8952	509.5691	500.4439
#2	535.8157	529.4365	39280.49	529.2493	516.6844	516.2861	508.4557

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	499.6651	516.9959	512.9381	514.7579	509.2606	515.3092	535.7391
SDev	5.0058	1.4843	4.3360	4.7737	4.7013	4.4971	7.4387
%RSD	1.001833	.2870931	.8453288	.9273731	.9231716	.8727083	1.388491
#1	496.1255	515.9464	509.8721	511.3823	505.9362	512.1292	530.4792
#2	503.2048	518.0454	516.0041	518.1334	512.5850	518.4891	540.9991

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	548.7012	503.6280	515.2971	514.4291
SDev	.6031	7.6657	1.3209	1.9789
%RSD	.1099211	1.522088	.2563385	.3846700
#1	549.1276	498.2075	514.3631	513.0299
#2	548.2747	509.0484	516.2311	515.8284

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 12/30/08 13:30:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.055370	4.224380	-1.10524	1.567625	.1041303	-.026841	8.843276
SDev	.213316	.201507	1.52737	.574909	.0000000	.038071	.000000
%RSD	385.2536	4.770091	138.1935	36.67391	.0000000	141.8408	.0000000
#1	-.206207	4.081893	-.025226	1.974147	.1041303	.0000796	8.843276
#2	.0954669	4.366867	-2.18525	1.161103	.1041303	-.053761	8.843276

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2937327	.3553346	.2071983	.3150034	2.910708	30.93846	3.127047
SDev	.2667468	.4927526	.0937903	.1266192	2.802740	3.24102	1.862916
%RSD	90.81277	138.6728	45.26596	40.19614	96.29067	10.47569	59.57429
#1	.1051142	.0069059	.1408785	.2254701	4.892544	28.64671	1.809766
#2	.4823512	.7037633	.2735181	.4045367	.9288714	33.23020	4.444327

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.215853	2.433638	10.90111	1.250493	.3473451	2.068203	5.532832
SDev	.010546	1.465903	1.68652	.744479	1.008249	1.837378	2.827957
%RSD	4.885684	60.23502	15.47105	59.53485	290.2729	88.83932	51.11228
#1	-.223310	3.470188	12.09366	.7240665	-.365594	3.367425	7.532500
#2	-.208396	1.397089	9.708562	1.776919	1.060285	.7689810	3.533165

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.739041	-1.95775	1.497566	2.250700	1.701560	.1151121	.6633825
SDev	3.412465	1.34920	.838027	3.066180	.623775	.1873848	.2356507
%RSD	196.2268	68.91599	55.95929	136.2322	36.65903	162.7846	35.52261
#1	4.152018	-2.91178	.9049909	4.418817	1.260484	-.017389	.4967523
#2	-.673936	-1.00372	2.090140	.0825839	2.142635	.2476132	.8300127

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.254331	5.333460	.0864108	.2149057
SDev	1.613403	.874635	.0040822	.1748170
%RSD	71.56903	16.39901	4.724173	81.34589
#1	3.395179	4.715000	.0892974	.3385200
#2	1.113483	5.951920	.0835243	.0912914

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 23360

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Matt [signature] Date 1/2/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W010209 Autosampler Type: TYPE TJA
Sample Positions: 161/192 QC Positions: 4/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	4	10
2	Sample (16mm)	Samples	17	1
3	Sample (16mm)	Samples	48	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	31	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ISA	-NA-	1	QC Standard
7	1	7	ISB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
(16...19	Not Used)					

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-23290/1-A	1	-NA-	Sample
2	1	2	LCS 220-23290/2-A	1	-NA-	Sample
3	1	3	LB 220-23272/2-C	1	-NA-	Sample
4	1	4	220-7654-A-1-B	1	-NA-	Sample
5	1	5	220-7654-A-2-B	1	-NA-	Sample
6	1	6	220-7654-A-3-B	1	-NA-	Sample

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
7	1	7	220-7654-A-4-B	1	-NA-	Sample
8	1	8	220-7635-F-2-B	1	-NA-	Sample
9	1	9	220-7635-F-2-C DU	1	-NA-	Sample
10	1	10	220-7635-F-2-D MS	1	-NA-	Sample
11	1	11	220-7635-F-3-B	1	-NA-	Sample
12	1	12	220-7644-B-1-F	1	-NA-	Sample
13	2	1	220-7653-E-1-B	1	-NA-	Sample
14	2	2	220-7653-E-2-B	1	-NA-	Sample
15	2	3	220-7653-E-2-B SD@5	1	-NA-	Sample
16	2	4	220-7653-E-3-B	1	-NA-	Sample
17	2	5	220-7659-F-1-B	1	-NA-	Sample
18	2	6	220-7659-F-2-B	1	-NA-	Sample
19	2	7	220-7659-F-3-B	1	-NA-	Sample
20	2	8	220-7659-F-4-B	1	-NA-	Sample
21	2	9	220-7659-F-5-B	1	-NA-	Sample
22	2	10	220-7659-F-6-B	1	-NA-	Sample
23	2	11	220-7634-A-1-D	1	-NA-	Sample
24	2	12	220-7634-A-2-D	1	-NA-	Sample
25	3	1	220-7634-A-3-D	1	-NA-	Sample
26	3	2	220-7634-A-4-D	1	-NA-	Sample
27	3	3	(empty)	1	-NA-	-NA-
28	3	4	(empty)	1	-NA-	-NA-
29	3	5	(empty)	1	-NA-	-NA-
30	3	6	(empty)	1	-NA-	-NA-
31	3	7	(empty)	1	-NA-	-NA-
(32...48	Not Used)					

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 01/02/09 11:21:57

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00313	.08973	-.00247	.0783	.00043	-.00703	.00587
SDev	.00170	.00019	.00294	.0002	.00014	.00033	.00009
%RSD	54.161	.21014	118.81	.2407	32.636	4.6917	1.6071
#1	-.00433	.08987	-.00455	.0785	.00053	-.00680	.00580
#2	-.00193	.08960	-.00040	.0782	.00033	-.00727	.00593

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00453	-.00060	-.00190	.03897	-.00883	.01843	.00107
SDev	.00160	.00000	.00042	.00061	.00080	.00014	.00066
%RSD	35.355	.00000	22.330	1.5727	9.0723	.76721	61.872
#1	.00340	-.00060	-.00220	.03940	-.00940	.01833	.00060
#2	.00567	-.00060	-.00160	.03853	-.00827	.01853	.00153

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00217	-.00937	.09987	-.00537	.01700	-.00440	-.02730
SDev	.00042	.00146	.00019	.00108	.00075	.00321	.00467
%RSD	19.581	15.602	.18882	20.203	4.4368	72.853	17.095
#1	.00247	-.01040	.10000	-.00460	.01753	-.00213	-.02400
#2	.00187	-.00833	.09973	-.00613	.01647	-.00667	-.03060

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	.01180	-.05133	.02623	.00133	-.00043	.3019	.00100
SDev	.00528	.00368	.00090	.00094	.00005	.0010	.00236
%RSD	44.743	7.1629	3.4142	70.711	10.879	.3279	235.70
#1	.00807	-.04873	.02687	.00067	-.00040	.3012	-.00067
#2	.01553	-.05393	.02560	.00200	-.00047	.3026	.00267

Elem	Sr4215	Ti3349
Avge	.00197	-.01440
SDev	.00005	.00057
%RSD	2.3970	3.9284
#1	.00193	-.01400
#2	.00200	-.01480

Method: STL3 Standard: STD2
Run Time: 01/02/09 11:27:45

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.82700	5.1908	1.3694	2.452	10.070	3.6281	13.936
SDev	.00773	.0282	.0045	.018	.014	.0204	.090
%RSD	.93483	.54399	.32899	.7209	.14372	.56131	.64881
#1	.82153	5.1708	1.3662	2.440	10.060	3.6137	13.872
#2	.83247	5.2107	1.3726	2.465	10.080	3.6425	13.999

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.4036	1.5238	3.9729	4.1844	1.8489	1.4735	10.011
SDev	.0542	.0125	.0198	.0075	.0111	.0053	.043
%RSD	.64454	.81979	.49716	.17913	.60170	.35830	.42519
#1	8.3653	1.5150	3.9589	4.1791	1.8411	1.4698	9.9814
#2	8.4419	1.5327	3.9869	4.1897	1.8568	1.4773	10.042

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.4717	2.2027	109.53	4.1108	2.0270	.68250	4.1458
SDev	.0245	.0323	.35	.0309	.0086	.00740	.0150
%RSD	.54818	1.4660	.31538	.75112	.42558	1.0844	.36159
#1	4.4543	2.1799	109.29	4.0889	2.0209	.67727	4.1352
#2	4.4890	2.2255	109.78	4.1326	2.0331	.68773	4.1564

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6616	2.3390	1.9474	1.8187	.58523	1.597	1.5534
SDev	.0239	.0144	.0065	.0100	.00542	.001	.0249
%RSD	.65143	.61471	.33163	.54949	.92633	.0649	1.6054
#1	3.6447	2.3288	1.9429	1.8117	.58140	1.597	1.5357
#2	3.6785	2.3491	1.9520	1.8258	.58907	1.598	1.5710

Elem	Sr4215	Ti3349
Avge	11.577	12.431
SDev	.043	.056
%RSD	.37379	.45013
#1	11.547	12.392
#2	11.608	12.471

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	120.245	.376766	01/02/09 11:27:45
Al3082	308.215	STD2	STD1	2160.39	-193.859	01/02/09 11:27:45
As1890	189.042	STD2	STD1	727.279	1.79742	01/02/09 11:27:45
B_2496	249.678	STD2	STD1	422.343	-33.0835	01/02/09 11:27:45
Ba4934	493.409	STD2	STD1	99.3101	-.043034	01/02/09 11:27:45
Be3130	313.042	STD2	STD1	275.060	1.93459	01/02/09 11:27:45
Ca3179	317.933	STD2	STD1	3589.46	-21.0582	01/02/09 11:27:45
Cd2265	226.502	STD2	STD1	119.317	-.540904	01/02/09 11:27:45
Co2286	228.616	STD2	STD1	656.328	.393797	01/02/09 11:27:45
Cr2677	267.716	STD2	STD1	251.578	.477999	01/02/09 11:27:45
Cu3247	324.753	STD2	STD1	241.301	-9.40268	01/02/09 11:27:45
Fe2714	271.441	STD2	STD1	5963.19	52.6748	01/02/09 11:27:45
K_7664	766.491	STD2	STD1	34361.9	-633.404	01/02/09 11:27:45
Mg2790	279.078	STD2	STD1	4994.15	-5.32709	01/02/09 11:27:45
Mn2576	257.610	STD2	STD1	223.719	-.484724	01/02/09 11:27:45
Mo2020	202.030	STD2	STD1	452.066	4.23435	01/02/09 11:27:45
Na5889	588.995	STD2	STD1	456.905	-45.6296	01/02/09 11:27:45
Ni2316	231.604	STD2	STD1	242.418	1.30098	01/02/09 11:27:45
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	494.405	-8.40489	01/02/09 11:27:45
Tl1908	190.864	STD2	STD1	1446.32	6.36383	01/02/09 11:27:45
2203/1	220.351	STD2	STD1	240.128	6.55551	01/02/09 11:27:45
2203/2	220.352	STD2	STD1	273.414	-3.22629	01/02/09 11:27:45
1960/1	196.021	STD2	STD1	418.389	21.4773	01/02/09 11:27:45
1960/2	196.022	STD2	STD1	517.523	-13.5764	01/02/09 11:27:45
V_2924	292.402	STD2	STD1	544.625	-.726167	01/02/09 11:27:45
Zn2062	206.200	STD2	STD1	1707.64	.739977	01/02/09 11:27:45
Si2881	288.158	STD2	STD1	773.324	-233.467	01/02/09 11:27:45
Sn1899	189.989	STD2	STD1	643.276	-.643276	01/02/09 11:27:45
Sr4215	421.552	STD2	STD1	86.4801	-.170077	01/02/09 11:27:45
Ti3349	334.941	STD2	STD1	80.3938	1.15767	01/02/09 11:27:45

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 01/02/09 11:33:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.3414	9961.908	1042.909	1012.395	1003.734	1011.141	10331.31
SDev	.7494	72.792	7.625	6.296	1.063	5.719	114.22
%RSD	.7047439	.7307029	.7311406	.6219032	.1058692	.5655606	1.105530
#1	105.8114	9910.436	1037.518	1007.943	1002.983	1007.097	10250.54
#2	106.8713	10013.38	1048.301	1016.847	1004.485	1015.184	10412.07

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1024.344	1032.461	1036.855	1001.096	10161.36	47602.68	10114.32
SDev	5.734	7.926	7.128	.782	41.28	241.36	28.99
%RSD	.5598000	.7677090	.6874507	.0781346	.4062732	.5070206	.2866097
#1	1020.290	1026.856	1031.814	1000.543	10132.17	47432.02	10093.82
#2	1028.399	1038.066	1041.895	1001.649	10190.55	47773.35	10134.82

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1040.441	1037.326	47625.91	1021.178	1008.018	1002.815	1010.898
SDev	4.862	8.226	194.65	6.612	9.136	6.339	10.688
%RSD	.4673314	.7929995	.4087013	.6475078	.9062839	.6321395	1.057248
#1	1037.003	1031.509	47488.27	1016.503	1001.558	998.3323	1003.340
#2	1043.879	1043.142	47763.54	1025.854	1014.478	1007.297	1018.455

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	990.8290	1012.736	1005.662	1001.364	1005.719	1013.746	1038.571
SDev	5.0122	6.181	10.610	6.922	5.171	6.119	7.809
%RSD	.5058633	.6103321	1.055075	.6912784	.5141658	.6035556	.7519222
#1	987.2849	1008.366	998.1588	996.4695	1002.063	1009.419	1033.049
#2	994.3732	1017.107	1013.164	1006.259	1009.375	1018.072	1044.093

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1065.217	963.0067	1015.131	1009.987
SDev	2.414	6.6170	4.588	4.638
%RSD	.2265901	.6871187	.4519607	.4592024
#1	1063.510	958.3278	1011.887	1006.708
#2	1066.923	967.6856	1018.375	1013.267

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 01/02/09 11:39:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.163709	6.269677	2.139430	2.139540	.0198620	-.073145	.2392989
SDev	.073966	.094817	3.465227	1.074487	.0327707	.064695	.6768349
%RSD	45.18122	1.512304	161.9697	50.22047	164.9916	88.44801	282.8409
#1	-.111407	6.202632	4.589715	2.899317	.0430344	-.118891	.7178934
#2	-.216010	6.336723	-.310856	1.379763	-.003310	-.027398	-.239296

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.080245	-.077128	.2011435	-.420402	1.992730	2.290832	1.663189
SDev	.043882	.181846	.0357508	.101462	6.480423	1.619863	2.354872
%RSD	54.68564	235.7726	17.77378	24.13447	325.2033	70.71066	141.5877
#1	-.049215	-.205712	.1758639	-.348658	6.575081	3.436248	3.328335
#2	-.111274	.0514568	.2264231	-.492146	-2.58962	1.145416	-.001957

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.238694	5.319309	1.705779	.3234639	-1.38811	3.284752	9.387461
SDev	.094867	2.045817	1.378479	.3534903	.49318	1.773456	5.903472
%RSD	39.74428	38.46020	80.81228	109.2827	35.52889	53.99054	62.88679
#1	-.171613	6.765920	2.680511	.5734193	-1.73684	4.538775	13.56185
#2	-.305775	3.872698	.7310473	.0735086	-1.03938	2.030730	5.213075

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.531661	-.461683	-1.85123	4.992447	-.136866	-.652203	-.684893
SDev	.068535	1.073214	.20360	2.011762	1.296269	.569133	.403494
%RSD	12.89072	232.4570	10.99802	40.29610	947.1063	87.26323	58.91341
#1	-.483199	-1.22056	-1.99520	6.414978	.7797346	-1.05464	-.970207
#2	-.580122	.2971941	-1.70726	3.569917	-1.05347	-.249765	-.399580

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-5.90806	7.269772	.0172910	.6056453
SDev	1.76088	5.307296	.0203693	.3486194
%RSD	29.80478	73.00498	117.8031	57.56165
#1	-4.66292	11.02260	.0316943	.8521565
#2	-7.15319	3.516947	.0028877	.3591341

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 01/02/09 12:12:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.988520	384.8954	18.12908	31.63687	10.25211	10.11001	444.0164
SDev	.153038	8.1582	1.76527	.47880	.04682	.06483	5.9223
%RSD	1.532134	2.119596	9.737246	1.513412	.4566411	.6412117	1.333802
#1	10.09673	390.6642	16.88084	31.29831	10.21901	10.06417	439.8286
#2	9.880306	379.1267	19.37732	31.97543	10.28522	10.15585	448.2040

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.38708	9.959232	10.79180	9.656752	242.6974	Q294.3669	426.2325
SDev	.04730	.309332	.16595	.216179	11.8312	6.4793	4.2386
%RSD	.4553952	3.105978	1.537754	2.238630	4.874873	2.201104	.9944401
#1	10.35363	9.740502	10.90915	9.809613	251.0633	Q289.7854	423.2353
#2	10.42053	10.17796	10.67446	9.503890	234.3315	Q298.9485	429.2297

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.16513	31.22269	393.5476	10.50862	7.948456	32.44697	31.44431
SDev	.14770	.19179	2.8431	.05616	1.248939	.17557	.53772
%RSD	1.452988	.6142791	.7224343	.5344104	15.71297	.5410847	1.710057
#1	10.06069	31.08707	391.5371	10.54833	7.065323	32.32282	31.06409
#2	10.26957	31.35831	395.5579	10.46891	8.831589	32.57111	31.82453

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.89231	9.972388	6.937207	33.56935	30.19773	9.760025	30.54434
SDev	1.49801	.703337	1.521330	.09900	.72566	.566971	.96657
%RSD	5.011354	7.052846	21.93001	.2949117	2.403035	5.809113	3.164471
#1	28.83306	9.475054	5.861465	33.63935	29.68461	9.359117	29.86087
#2	30.95157	10.46972	8.012950	33.49934	30.71085	10.16093	31.22781

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	13.46353	30.03949	10.41152	30.96780
SDev	1.68378	.87943	.04880	.21983
%RSD	12.50620	2.927575	.4686724	.7098703
#1	14.65414	29.41765	10.37702	30.81236
#2	12.27292	30.66135	10.44603	31.12325

Method: STL3 Sample Name: ISA Operator: NP
Run Time: 01/02/09 12:18:16
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.376174	417491.6	-.817070	10.11014	1.102342	-.147845	428245.3
SDev	.215612	985.8	2.974308	.29913	.028089	.064846	6180.0
%RSD	57.31707	.2361128	364.0211	2.958731	2.548137	43.86088	1.443104
#1	-.528634	416794.6	1.286083	9.898626	1.082480	-.101992	423875.4
#2	-.223713	418188.7	-2.92022	10.32166	1.122204	-.193698	432615.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.27481	-2.64245	1.238401	.5562763	172435.9	20.61717	442519.7
SDev	.88019	.09692	.415190	.2735736	1241.4	4.85950	2123.1
%RSD	69.04482	3.667884	33.52631	49.17945	.7199024	23.57015	.4797676
#1	-1.89721	-2.71098	.9448176	.7497221	171558.1	17.18098	441018.5
#2	-.652424	-2.57391	1.531986	.3628306	173313.7	24.05335	444020.9

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.172781	-3.01377	34.52679	.2951440	-1.24793	4.603507	.3520827
SDev	.179308	1.72616	.36616	.1935793	.79269	2.450767	1.847248
%RSD	1.954786	57.27565	1.060505	65.58809	63.51987	53.23696	524.6632
#1	9.045991	-4.23435	34.78570	.1582627	-1.80845	6.336461	1.658285
#2	9.299571	-1.79320	34.26788	.4320252	-.687420	2.870553	-.954119

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.19025	-1.62090	-1.06253	6.694036	.4150696	1.130408	-12.8914
SDev	1.96554	.47815	1.42715	4.761803	2.178386	.257628	.3912
%RSD	14.90149	29.49909	134.3167	71.13501	524.8244	22.79068	3.034537
#1	11.80040	-1.28280	-2.07168	10.06114	-1.12528	.9482377	-13.1681
#2	14.58009	-1.95901	-.053379	3.326932	1.955421	1.312578	-12.6148

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	29.03206	1.149065	1.367159	-4.49311
SDev	.43431	1.753374	.076783	.05152
%RSD	1.495969	152.5914	5.616278	1.146712
#1	28.72496	-.090758	1.421453	-4.52954
#2	29.33917	2.388888	1.312865	-4.45667

Method: STL3 Sample Name: ISB Operator: NP
Run Time: 01/02/09 12:24:00
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.6210	417770.8	93.86151	10.33805	475.0433	453.4904	431044.6
SDev	1.8935	1719.5	.16100	.33238	.5618	4.7064	5523.1
%RSD	.8822420	.4115910	.1715260	3.215115	.1182613	1.037817	1.281339
#1	213.2821	416554.9	93.97535	10.10302	474.6461	450.1625	427139.2
#2	215.9599	418986.6	93.74766	10.57308	475.4406	456.8183	434950.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	906.7218	442.7364	455.0664	527.8414	173153.3	29.78034	443003.8
SDev	5.0117	5.0112	6.9499	1.0926	1430.7	1.61982	3338.8
%RSD	.5527300	1.131861	1.527228	.2069853	.8262799	5.439218	.7536839
#1	903.1780	439.1930	450.1521	527.0689	172141.7	28.63495	440642.8
#2	910.2656	446.2799	459.9807	528.6140	174165.0	30.92572	445364.7

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	467.5533	-1.65758	33.78051	903.3723	42.39955	51.94966	542.0948
SDev	4.1239	.40490	.25846	5.9864	.09406	1.05463	32.8809
%RSD	.8820197	24.42733	.7651216	.6626690	.2218507	2.030108	6.065525
#1	464.6372	-1.37127	33.96327	899.1393	42.33304	52.69540	518.8445
#2	470.4693	-1.94388	33.59775	907.6054	42.46606	51.20392	565.3451

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	104.5978	43.68503	41.75707	54.18166	47.47776	455.1707	903.1311
SDev	14.9882	1.55002	.91501	2.01593	.87084	4.0323	12.8451
%RSD	14.32937	3.548164	2.191280	3.720683	1.834198	.8858894	1.422290
#1	115.1960	44.78106	41.11006	55.60713	46.86199	452.3194	894.0482
#2	93.99950	42.58901	42.40408	52.75618	48.09354	458.0219	912.2140

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	36.81077	-.466235	1.342967	-4.50725
SDev	1.00886	5.460050	.071142	.03087
%RSD	2.740664	1171.094	5.297366	.6848080
#1	37.52414	3.394604	1.393271	-4.52907
#2	36.09740	-4.32707	1.292662	-4.48542

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 01/02/09 12:29:43
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.75175	4833.023	512.4981	490.8974	498.1594	496.6392	5028.356
SDev	.26126	4.369	5.1227	.1153	.5009	.4536	.338
%RSD	.4952566	.0903991	.9995601	.0234915	.1005494	.0913285	.0067291
#1	52.56701	4836.113	516.1204	490.9790	498.5136	496.9600	5028.596
#2	52.93648	4829.934	508.8757	490.8159	497.8052	496.3185	5028.117

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500.6580	505.7948	507.8021	492.3398	4993.833	37367.42	4908.187
SDev	1.0256	.6443	.0232	1.0362	39.590	11.34	9.882
%RSD	.2048406	.1273859	.0045767	.2104666	.7927785	.0303435	.2013277
#1	499.9328	506.2504	507.7857	493.0726	5021.828	37359.40	4915.174
#2	501.3831	505.3392	507.8186	491.6071	4965.839	37375.44	4901.200

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.2867	506.0275	38830.76	500.5070	492.0994	495.7466	526.0556
SDev	1.0018	2.9409	20.31	.2621	1.7911	2.2704	27.1412
%RSD	.1963237	.5811650	.0523110	.0523584	.3639744	.4579824	5.159370
#1	509.5783	503.9480	38845.12	500.3217	490.8329	497.3521	545.2473
#2	510.9951	508.1070	38816.39	500.6923	493.3659	494.1412	506.8639

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480.8668	495.6295	490.3364	495.3626	496.5147	497.2207	506.5936
SDev	5.4401	2.0872	1.6432	3.1373	.5342	.7902	.7234
%RSD	1.131305	.4211261	.3351237	.6333320	.1075972	.1589207	.1428010
#1	477.0201	494.1536	489.1745	497.5810	496.8924	497.7794	507.1052
#2	484.7135	497.1054	491.4984	493.1442	496.1369	496.6620	506.0821

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	521.0314	463.0087	505.2868	497.0267
SDev	1.9289	6.8836	.2854	.6255
%RSD	.3702037	1.486703	.0564798	.1258429
#1	522.3953	458.1413	505.0850	496.5845
#2	519.6674	467.8762	505.4886	497.4690

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 01/02/09 12:35:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.228281	1.026430	-.764355	.2956611	-.023172	-.128198	1.076841
SDev	.175859	1.834676	1.337259	.7754172	.000000	.090801	.169209
%RSD	77.03593	178.7434	174.9527	262.2656	.0000000	70.82909	15.71350
#1	-.103931	-.270882	.1812303	.8439639	-.023172	-.063992	1.196490
#2	-.352632	2.323742	-1.70994	-.252642	-.023172	-.192404	.9571915

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2615944	-.325500	.3940181	-.531508	2.413168	12.59942	.4971237
SDev	.0100650	.218798	.0474177	.011854	6.450003	3.23968	.7060770
%RSD	3.847553	67.21890	12.03441	2.230171	267.2837	25.71294	142.0325
#1	.2687115	-.170787	.4275474	-.539890	6.974008	14.89022	-.002148
#2	.2544774	-.480213	.3604887	-.523127	-2.14767	10.30862	.9963955

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.358048	1.446611	-.411212	-.315090	-.712549	3.285197	9.185086
SDev	.031637	1.172083	1.012320	.594687	.749068	1.971356	3.334076
%RSD	8.836067	81.02266	246.1792	188.7356	105.1251	60.00725	36.29879
#1	-.335677	2.275399	.3046056	.1054173	-.182878	4.679156	11.54263
#2	-.380419	.6178234	-1.12703	-.735597	-1.24222	1.891237	6.827539

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.78651	1.359396	-1.74762	4.588338	.6740006	-1.09226	-.911031
SDev	2.25209	.644228	1.44460	2.149933	1.613667	.01346	.081005
%RSD	126.0606	47.39074	82.66113	46.85646	239.4163	1.232574	8.891517
#1	-.194045	.9038581	-.726131	6.108570	1.815036	-1.10178	-.968310
#2	-3.37898	1.814933	-2.76910	3.068106	-.467034	-1.08274	-.853753

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-9.78314	3.581229	.0115081	.2358761
SDev	.14902	.819065	.0040732	.1515993
%RSD	1.523280	22.87107	35.39390	64.27075
#1	-9.88851	4.160395	.0143882	.3430730
#2	-9.67776	3.002062	.0086279	.1286792

Method: STL3 Sample Name: MB 220-23290/1-A Operator: NP
Run Time: 01/02/09 12:41:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.148190	-6.33149	-.848949	2.180078	1.585652	-.155807	2.392976
SDev	.175661	8.96083	.095275	.299742	.009363	.077796	.338417
%RSD	118.5378	141.5279	11.22274	13.74915	.5904779	49.93138	14.14212
#1	-.272402	.0047714	-.916318	1.968128	1.579031	-.210817	2.153679
#2	-.023979	L-12.6678	-.781579	2.392028	1.592272	-.100796	2.632273

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0297645	.0669695	.5786082	-.080787	15.89786	3.436216	1.831475
SDev	.1256335	.2793281	.0711358	.102541	9.25732	6.479315	3.531195
%RSD	422.0922	417.0978	12.29429	126.9275	58.23001	188.5596	192.8061
#1	-.059072	.2644843	.6289088	-.153295	22.44377	-1.14535	-.665457
#2	.1186007	-.130545	.5283076	-.008280	9.351940	8.017784	4.328406

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0447102	.8739944	36.90270	.6285333	-1.04505	2.242592	3.453115
SDev	.0316413	.4475225	3.03696	.0565456	.41294	.630912	2.074997
%RSD	70.76986	51.20428	8.229636	8.996430	39.51368	28.13317	60.09057
#1	.0670840	1.190441	39.05015	.5885495	-1.33704	1.796470	4.920359
#2	.0223364	.5575482	34.75524	.6685170	-.753059	2.688715	1.985871

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.474546	.6946092	-1.91418	3.891426	-1.06113	-.372284	3.472001
SDev	6.276148	1.189933	.02502	1.715712	1.54209	.030248	.322826
%RSD	180.6322	171.3098	1.307221	44.08955	145.3254	8.124855	9.297980
#1	7.912453	-.146801	-1.93187	2.678234	.0292931	-.350896	3.243729
#2	-.963360	1.536019	-1.89648	5.104617	-2.15155	-.393673	3.700274

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	19.23096	6.390312	-.112474	.1015398
SDev	.00220	.667347	.008161	.0227648
%RSD	.0114174	10.44311	7.255456	22.41962
#1	19.22941	6.862198	-.106704	.1176370
#2	19.23251	5.918426	-.118245	.0854426

Method: STL3 Sample Name: LCS 220-23290/2-A Operator: NP
Run Time: 01/02/09 12:46:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	304.9292	5633.930	985.4145	1010.548	300.9196	108.3505	30103.02
SDev	3.3802	43.671	11.4051	7.754	2.6123	1.1430	467.52
%RSD	1.108529	.7751506	1.157393	.7673456	.8681024	1.054896	1.553082
#1	302.5390	5603.049	977.3498	1005.065	299.0724	107.5423	29772.43
#2	307.3194	5664.810	993.4791	1016.031	302.7668	109.1587	30433.60

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	300.7998	303.1305	309.7540	298.8029	24531.59	18306.88	14660.49
SDev	2.8322	4.0902	4.2461	3.1109	256.87	132.83	162.46
%RSD	.9415647	1.349315	1.370802	1.041113	1.047111	.7255579	1.108138
#1	298.7971	300.2383	306.7515	296.6032	24349.96	18212.95	14545.62
#2	302.8025	306.0227	312.7564	301.0027	24713.23	18400.80	14775.37

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	207.9068	1033.031	29814.23	301.7354	989.5095	496.8231	1010.418
SDev	2.2257	16.132	167.20	2.7822	8.8098	.0093	9.096
%RSD	1.070533	1.561630	.5608212	.9220747	.8903188	.0018807	.9001841
#1	206.3330	1021.624	29695.99	299.7681	983.2800	496.8297	1003.987
#2	209.4806	1044.438	29932.46	303.7028	995.7390	496.8164	1016.850

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	964.5787	990.1846	989.1717	495.5516	499.3688	305.6121	309.7330
SDev	4.9947	5.0152	10.7041	.6067	1.1870	5.1451	4.7343
%RSD	.5178090	.5064890	1.082127	.1224290	.2377100	1.683527	1.528517
#1	961.0470	986.6383	981.6028	495.9806	498.5294	301.9739	306.3854
#2	968.1105	993.7308	996.7407	495.1226	500.2082	309.2502	313.0807

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1034.043	1031.761	-.441907	1029.166
SDev	18.320	15.119	.005741	10.660
%RSD	1.771728	1.465382	1.299220	1.035810
#1	1021.088	1021.070	-.437847	1021.628
#2	1046.997	1042.452	-.445967	1036.704

Method: STL3 Sample Name: LB 220-23272/2-C Operator: NP
Run Time: 01/02/09 12:52:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.287098	16.28522	12.66823	-.500366	1.721375	-.164809	128.3831
SDev	.039854	.00110	.83294	.497083	.014045	.038836	2.1997
%RSD	3.096442	.0067745	6.575053	99.34386	.8158987	23.56409	1.713393
#1	1.315279	16.28444	12.07925	-.148875	1.731306	-.192270	126.8276
#2	1.258916	16.28600	13.25722	-.851856	1.711444	-.137348	129.9385

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2505201	.7930436	1.307999	4.953084	61.56710	145.4654	17.48148
SDev	.0294027	.1883945	.201635	.033565	7.01514	.0000	.70641
%RSD	11.73665	23.75588	15.41551	.6776533	11.39430	.0000000	4.040925
#1	.2297293	.9262586	1.165422	4.976818	66.52755	145.4654	16.98197
#2	.2713109	.6598285	1.450577	4.929350	56.60664	145.4654	17.98099

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3056749	3.330219	H203276.8	1.679771	24.62095	23.85784	L-12.5290
SDev	.0210979	1.491742	716.3	.229621	.70228	2.13968	3.3569
%RSD	6.902075	44.79409	.3523600	13.66979	2.852366	8.968447	26.79264
#1	.2907564	4.385040	H203783.2	1.517404	25.11754	25.37082	L-10.1554
#2	.3205934	2.275399	H202770.3	1.842137	24.12437	22.34486	L-14.9027

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.705867	28.40280	22.73217	32.49641	6.553637	-.819186	10.47044
SDev	2.525016	.55620	.77521	1.85396	2.711825	.061473	.40361
%RSD	357.7183	1.958261	3.410193	5.705125	41.37893	7.504195	3.854754
#1	1.079589	28.79609	23.28032	33.80736	8.471187	-.862654	10.18505
#2	-2.49132	28.00950	22.18401	31.18547	4.636087	-.775717	10.75584

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	84.61386	-5.83039	.6026644	.6317289
SDev	.57832	.66757	.0121839	.2501449
%RSD	.6834776	11.44984	2.021672	39.59687
#1	85.02280	-5.35835	.5940491	.8086081
#2	84.20493	-6.30243	.6112797	.4548498

Method: STL3 Sample Name: 220-7654-A-1-B Operator: NP
Run Time: 01/02/09 12:58:19
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.094598	17.42868	-.694149	194.1192	214.7349	-.247420	78929.14
SDev	.226636	7.75673	1.245057	.7367	.9129	.025843	817.61
%RSD	239.5776	44.50558	179.3645	.3795271	.4251322	10.44505	1.035884
#1	-.254854	22.91352	-1.57454	193.5983	214.0894	-.265694	78351.00
#2	.0656578	11.94384	.1862393	194.6402	215.3805	-.229146	79507.28

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.306565	.0319614	1.591450	.4940686	7.345140	23183.97	28766.40
SDev	.076705	.1846376	.498393	.0798048	3.956720	42.12	109.24
%RSD	25.02074	577.6893	31.31689	16.15258	53.86855	.1816645	.3797333
#1	-.252326	-.098597	1.239033	.4376381	10.14296	23154.19	28689.15
#2	-.360803	.1625199	1.943867	.5504991	4.547316	23213.75	28843.63

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.10908	11.82906	H162275.3	5.007060	-1.61553	7.565474	-.748117
SDev	.09483	.29835	540.2	.037217	.06199	1.134757	.114369
%RSD	.6721472	2.522160	.3328616	.7432841	3.837362	14.99915	15.28753
#1	14.17614	12.04002	H161893.4	5.033376	-1.57169	8.367868	-.667246
#2	14.04202	11.61810	H162657.3	4.980743	-1.65937	6.763080	-.828987

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.527933	1.635907	-3.23961	10.46145	1.763521	-1.03760	6.485395
SDev	5.522776	1.656141	.73388	1.00594	1.392916	.92118	.240464
%RSD	156.5443	101.2368	22.65348	9.615702	78.98498	88.77975	3.707771
#1	-.377259	2.806976	-3.75855	11.17276	2.748461	-1.68897	6.655428
#2	7.433124	.4648390	-2.72068	9.750144	.7785801	-.386227	6.315361

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4564.683	-7.20435	475.7672	.1310343
SDev	25.920	.72771	.9775	.0099054
%RSD	.5678354	10.10103	.2054654	7.559412
#1	4546.355	-7.71892	475.0760	.1240301
#2	4583.011	-6.68978	476.4584	.1380385

Method: STL3 Sample Name: 220-7654-A-2-B Operator: NP
Run Time: 01/02/09 13:04:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.062510	9.299679	-.116254	72.94840	10.17929	-.146623	7130.584
SDev	.022912	1.312746	4.437038	.31802	.00936	.038835	119.123
%RSD	36.65301	14.11604	3816.661	.4359491	.0919843	26.48644	1.670597
#1	-.078711	10.22793	3.021206	72.72352	10.17267	-.119163	7046.352
#2	-.046309	8.371427	-3.25371	73.17326	10.18591	-.174084	7214.817

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.193661	.4775553	.7117898	.8602350	30.18412	4488.810	2546.159
SDev	.199591	.5569611	.1416082	.0682083	1.99978	6.479	22.376
%RSD	103.0624	116.6276	19.89466	7.929032	6.625272	.1443429	.8787962
#1	-.052528	.0837243	.6116577	.8120044	31.59817	4484.228	2530.337
#2	-.334793	.8713863	.8119219	.9084656	28.77006	4493.391	2561.981

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	152.0838	.9041320	67966.22	1.186538	-2.80026	3.574133	-.828862
SDev	1.5713	.1917953	400.69	.578768	.56061	1.158972	1.633597
%RSD	1.033201	21.21319	.5895377	48.77789	20.01991	32.42667	197.0891
#1	150.9727	.7685123	67682.89	.7772868	-2.40385	4.393650	-1.98399
#2	153.1949	1.039752	68249.55	1.595788	-3.19667	2.754616	.3262653

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.373437	2.217016	-5.30579	5.697914	-.680807	-.608164	6.929272
SDev	4.772428	3.800093	1.05677	3.649080	3.828720	.614130	.080307
%RSD	1277.974	171.4057	19.91738	64.04238	562.3798	100.9810	1.158957
#1	3.001179	4.904088	-6.05304	8.278203	-3.38812	-.173908	6.986057
#2	-3.74805	-.470055	-4.55854	3.117625	2.026507	-1.04242	6.872486

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6471.413	-4.80245	30.58815	.0625753
SDev	54.276	1.45554	.13611	.0110600
%RSD	.8387036	30.30829	.4449653	17.67469
#1	6433.034	-5.83167	30.49191	.0547547
#2	6509.792	-3.77323	30.68440	.0703959

Method: STL3 Sample Name: 220-7654-A-3-B Operator: NP
Run Time: 01/02/09 13:09:45
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.177930	7.211957	.7859375	114.3238	122.5454	-.201654	H154339.2
SDev	.119076	1.420610	.3351833	1.4922	.8708	.090828	2087.4
%RSD	66.92273	19.69798	42.64758	1.305240	.7105684	45.04157	1.352448
#1	-.262129	6.207434	1.022948	113.2687	121.9296	-.137428	H152863.2
#2	-.093731	8.216479	.5489271	115.3790	123.1611	-.265879	H155815.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2120234	.0699336	4.752148	.4499953	15.09096	9546.881	33797.25
SDev	.4832918	.1855784	.165970	.0568268	5.88816	25.917	228.84
%RSD	227.9427	265.3638	3.492531	12.62830	39.01784	.2714721	.6770889
#1	.5537623	-.061290	4.634790	.4098127	10.92739	9565.207	33635.44
#2	-.129715	.2011573	4.869507	.4901779	19.25452	9528.555	33959.06

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.96549	.9192009	94719.45	2.397695	-.450581	7.315951	.7521151
SDev	.32695	.2131058	145.04	.580457	.469091	1.107795	.2784649
%RSD	1.212492	23.18381	.1531256	24.20896	104.1081	15.14219	37.02424
#1	26.73429	.7685123	94822.02	1.987250	-.782278	6.532621	.5552107
#2	27.19668	1.069889	94616.90	2.808140	-.118883	8.099280	.9490195

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.343454	.0202228	-.686429	10.72841	.4797888	-.644111	14.11798
SDev	1.156388	.2175997	.811922	.86795	1.588199	.258892	.24134
%RSD	34.58663	1076.009	118.2819	8.090229	331.0204	40.19376	1.709477
#1	4.161144	.1740891	-1.26054	10.11467	-.643237	-.827176	13.94732
#2	2.525765	-.133643	-.112314	11.34214	1.602815	-.461046	14.28863

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5264.229	L-13.7231	984.9406	.1049730
SDev	34.458	1.2735	1.8967	.0335885
%RSD	.6545621	9.279750	.1925724	31.99725
#1	5239.863	L-12.8226	983.5994	.0812224
#2	5288.594	L-14.6236	986.2818	.1287237

Method: STL3 Sample Name: 220-7654-A-4-B Operator: NP
Run Time: 01/02/09 13:15:28
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.143067	9.798781	-3.55349	77.81850	30.36573	-.155857	33340.47
SDev	.131161	1.821041	.75427	.03898	.00936	.051845	510.84
%RSD	91.67757	18.58436	21.22622	.0500945	.0308330	33.26438	1.532201
#1	-.235812	11.08645	-4.08684	77.79093	30.35910	-.119197	32979.25
#2	-.050323	8.511111	-3.02014	77.84606	30.37234	-.192517	33701.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0619200	.3662195	1.422426	.1126375	17.86316	3297.597	28640.32
SDev	.1096647	.2189958	.037548	.0801225	4.76976	22.678	129.05
%RSD	177.1069	59.79907	2.639736	71.13305	26.70167	.6877024	.4505829
#1	.1394647	.2113660	1.448977	.1692927	14.49043	3281.561	28549.07
#2	-.015625	.5210729	1.395875	.0559824	21.23589	3313.632	28731.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	655.3312	.0452067	31281.91	5.683849	-.727317	4.815304	.9928149
SDev	5.2414	1.065530	216.25	.530203	.359785	.968217	1.611496
%RSD	.7998111	2357.016	.6912820	9.328244	49.46747	20.10708	162.3158
#1	651.6250	-.708236	31129.00	5.308939	-.981723	5.499937	2.132314
#2	659.0375	.7986499	31434.82	6.058759	-.472910	4.130672	-.146685

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.04649	1.675238	-1.92759	6.364364	1.711333	-.272050	4.836358
SDev	3.61747	1.957875	.43806	1.914216	.926905	.733399	.401534
%RSD	89.39786	116.8715	22.72584	30.07710	54.16272	269.5827	8.302398
#1	-6.60443	.2908109	-1.61784	7.717919	1.055913	.2465418	4.552431
#2	-1.48855	3.059664	-2.23735	5.010809	2.366754	-.790641	5.120285

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7493.403	L-12.2647	297.0363	-.215890
SDev	80.505	2.4259	1.4732	.026531
%RSD	1.074339	19.77941	.4959628	12.28908
#1	7436.477	L-10.5493	295.9946	-.197129
#2	7550.328	L-13.9800	298.0780	-.234650

Method: STL3 Sample Name: 220-7635-F-2-B Operator: NP
Run Time: 01/02/09 13:21:11
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3980242	523.8866	10.12967	165.2572	108.5625	-.145352	43848.50
SDev	.2323411	3.7806	.13258	.9943	.4869	.064762	150.77
%RSD	58.37362	.7216505	1.308820	.6016837	.4484793	44.55516	.3438331
#1	.2337342	526.5599	10.22342	164.5541	108.2182	-.191145	43741.89
#2	.5623141	521.2133	10.03593	165.9603	108.9068	-.099558	43955.11

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0199756	.7308689	3.227575	8.048609	1644.384	3161.295	33440.21
SDev	.0465122	.4316269	.094850	.091319	8.400	8.099	90.87
%RSD	232.8454	59.05668	2.938732	1.134599	.5108086	.2562011	.2717515
#1	.0528647	.4256626	3.294644	7.984036	1638.445	3155.568	33375.96
#2	-.012914	1.036075	3.160506	8.113181	1650.324	3167.022	33504.47

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	216.6267	6.705645	48623.95	3.769990	-1.26971	1.653550	.4353054
SDev	.4852	.639318	137.42	.080674	1.90028	.492143	2.143494
%RSD	.2239736	9.534023	.2826159	2.139903	149.6618	29.76279	492.4114
#1	216.2836	7.157711	48526.79	3.712945	.0739842	2.001547	1.950984
#2	216.9697	6.253579	48721.12	3.827035	-2.61341	1.305553	-1.08037

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.999247	1.229602	-2.51830	4.310927	-3.67039	-.098533	14.34186
SDev	1.777661	.204097	2.74709	1.774940	2.07731	.712028	.56329
%RSD	177.9000	16.59858	109.0853	41.17305	56.59638	722.6314	3.927564
#1	-2.25624	1.373921	-.575809	5.566000	-5.13926	-.602013	13.94355
#2	.2577490	1.085284	-4.46079	3.055855	-2.20151	.4049473	14.74016

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5697.003	-6.90763	1486.239	5.812081
SDev	.541	.84925	2.451	.003372
%RSD	.0095029	12.29441	.1649104	.0580244
#1	5696.621	-7.50815	1484.506	5.809696
#2	5697.386	-6.30712	1487.972	5.814465

Method: STL3 Sample Name: 220-7635-F-2-C DU Operator: NP
Run Time: 01/02/09 13:26:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6473691	536.6235	11.08802	172.6922	115.6466	-.200341	45803.68
SDev	.1871172	4.2552	1.87106	.1193	.5056	.064945	250.09
%RSD	28.90424	.7929500	16.87460	.0690953	.4371989	32.41695	.5460026
#1	.5150573	533.6147	9.764978	172.6078	115.2891	-.154419	45626.84
#2	.7796810	539.6324	12.41105	172.7765	116.0041	-.246264	45980.52

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1026924	.8604438	2.998975	8.161288	1624.097	3328.523	34971.97
SDev	.0175802	.7424609	.011844	.000054	8.472	14.578	153.74
%RSD	17.11927	86.28814	.3949385	.0006610	.5216376	.4379835	.4396105
#1	.1151234	1.385443	2.990600	8.161250	1618.107	3318.214	34863.26
#2	.0902613	.3354447	3.007350	8.161326	1630.088	3338.831	35080.68

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	224.5016	6.600163	50480.33	4.213273	.3857219	3.437044	1.197041
SDev	.9493	.063932	70.00	.266786	.7627451	2.880657	1.913302
%RSD	.4228289	.9686384	.1386695	6.332040	197.7448	83.81204	159.8360
#1	223.8304	6.554956	50430.83	4.401920	-.153620	1.400112	2.549950
#2	225.1728	6.645370	50529.83	4.024627	.9250641	5.473976	-.155868

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.05909	2.437908	-.639632	5.117298	.0704884	.4089042	13.26016
SDev	2.73123	1.659393	1.971999	3.392304	1.855825	1.181549	.16170
%RSD	132.6424	68.06630	308.3019	66.29092	2632.809	288.9549	1.219465
#1	-3.99036	3.611276	-2.03405	2.718577	-1.24178	-.426577	13.37450
#2	-.127821	1.264539	.7547811	7.516019	1.382755	1.244385	13.14582

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5950.020	-4.76341	1552.235	6.131473
SDev	21.188	1.69796	5.784	.025542
%RSD	.3560996	35.64594	.3725962	.4165665
#1	5935.039	-3.56277	1548.145	6.113412
#2	5965.003	-5.96405	1556.324	6.149533

Method: STL3 Sample Name: 220-7635-F-2-D MS Operator: NP
Run Time: 01/02/09 13:32:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.89925	2632.489	52.62341	1200.712	2063.121	52.72487	54666.54
SDev	.23995	5.156	1.90891	3.298	.417	.37681	580.05
%RSD	.4623428	.1958423	3.627484	.2746983	.0201994	.7146678	1.061067
#1	51.72958	2628.844	51.27361	1198.380	2063.416	52.45843	54256.38
#2	52.06892	2636.135	53.97321	1203.044	2062.827	52.99131	55076.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.01781	508.0759	204.6811	256.3434	2830.876	14837.47	44435.31
SDev	.02427	2.6779	1.1610	.8124	13.856	4.86	74.42
%RSD	.0475739	.5270652	.5672361	.3169364	.4894443	.0327501	.1674737
#1	51.03497	506.1823	203.8601	256.9179	2821.079	14840.90	44382.68
#2	51.00065	509.9694	205.5020	255.7689	2840.674	14834.03	44487.93

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	731.8055	1048.793	58173.04	497.0779	19.20363	52.66908	1123.366
SDev	3.6280	12.722	57.75	6.9647	.44219	.71478	11.679
%RSD	.4957573	1.213051	.0992645	1.401129	2.302644	1.357106	1.039636
#1	729.2401	1039.797	58132.21	492.1531	19.51631	53.17450	1115.108
#2	734.3709	1057.789	58213.88	502.0027	18.89095	52.16366	1131.624

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.11289	21.10399	18.25407	53.21320	51.57820	505.3199	519.8055
SDev	3.62384	1.31260	.00764	1.85454	1.56818	1.0315	4.9075
%RSD	6.345054	6.219682	.0418484	3.485112	3.040384	.2041337	.9441105
#1	54.55045	22.03214	18.25947	54.52456	50.46934	504.5905	516.3354
#2	59.67534	20.17584	18.24867	51.90184	52.68707	506.0493	523.2757

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7040.344	1049.286	1508.027	1039.030
SDev	13.108	10.588	1.598	3.848
%RSD	.1861898	1.009071	.1059765	.3703703
#1	7031.075	1041.799	1506.897	1036.309
#2	7049.613	1056.773	1509.157	1041.751

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 01/02/09 13:38:19
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.57207	4848.459	522.8970	498.2932	493.6044	506.9365	5174.687
SDev	.29492	21.331	4.0858	.0523	2.1301	3.3453	32.996
%RSD	.5505158	.4399601	.7813866	.0104931	.4315406	.6599078	.6376383
#1	53.36353	4833.376	520.0078	498.2563	492.0982	504.5710	5151.355
#2	53.78062	4863.542	525.7861	498.3302	495.1106	509.3020	5198.019

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	511.6739	518.8491	520.7742	491.7315	5067.186	37445.31	4960.698
SDev	2.6926	2.4456	2.6218	1.3873	35.507	202.48	4.008
%RSD	.5262352	.4713449	.5034399	.2821176	.7007157	.5407383	.0807922
#1	509.7699	517.1199	518.9203	490.7506	5042.079	37302.13	4957.864
#2	513.5778	520.5784	522.6281	492.7125	5092.293	37588.48	4963.532

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	521.6598	521.1717	38674.56	505.3299	504.5514	505.1617	493.4191
SDev	.7595	1.8114	176.34	3.1139	3.3546	.7437	7.3971
%RSD	.1456014	.3475630	.4559522	.6162195	.6648663	.1472126	1.499153
#1	521.1227	519.8909	38549.87	503.1280	502.1794	505.6876	488.1886
#2	522.1969	522.4526	38799.25	507.5318	506.9235	504.6359	498.6497

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	499.1940	504.6506	504.5012	505.4014	504.6806	506.2006	523.2751
SDev	2.7767	2.0899	6.0727	.0202	2.2737	2.8425	4.6691
%RSD	.5562370	.4141198	1.203709	.0039879	.4505293	.5615398	.8922901
#1	501.1574	506.1284	500.2071	505.3872	506.2884	504.1907	519.9735
#2	497.2306	503.1728	508.7953	505.4157	503.0729	508.2106	526.5767

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	530.3182	472.4538	507.9156	504.5258
SDev	4.6156	.6994	1.7890	1.0458
%RSD	.8703483	.1480363	.3522156	.2072865
#1	533.5819	471.9592	506.6506	503.7862
#2	527.0544	472.9483	509.1806	505.2653

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 01/02/09 13:44:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.115845	6.358094	.0872411	.7881592	.0132414	-.210666	1.076840
SDev	.209547	8.141089	1.057447	.5977135	.0327707	.025954	.507627
%RSD	180.8858	128.0429	1212.097	75.83665	247.4874	12.32005	47.14042
#1	-.264016	12.11471	-.660487	1.210806	.0364137	-.192313	.7178934
#2	.0323271	.6014754	.8349690	.3655119	-.009931	-.229018	1.435786

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.144144	.0496492	.1758449	-.869986	1.992569	3.436216	-1.00074
SDev	.169192	.4297976	.1423859	.283773	2.505440	3.239680	1.88361
%RSD	117.3764	865.6694	80.97241	32.61812	125.7392	94.28046	188.2222
#1	-.024508	-.254264	.2765270	-.669328	.2209554	1.145416	-2.33266
#2	-.263781	.3535620	.0751629	-1.07064	3.764182	5.727016	.3311766

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.298414	3.043911	2.528208	-.160539	-2.05841	5.274976	3.579392
SDev	.031621	1.683537	.775395	.238793	.60127	.814906	3.895721
%RSD	10.59627	55.30835	30.66973	148.7447	29.21048	15.44852	108.8375
#1	-.320774	4.234351	3.076495	.0083133	-2.48357	4.698751	6.334084
#2	-.276055	1.853470	1.979922	-.329391	-1.63324	5.851202	.8247016

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.215416	.7994611	-3.48580	7.614534	.5877430	-1.36594	-1.36729
SDev	.407847	1.053573	1.42745	.039623	2.367927	.19743	.08100
%RSD	18.40951	131.7853	40.95050	.5203570	402.8848	14.45349	5.924501
#1	2.503808	1.544450	-4.49516	7.586516	-1.08663	-1.22634	-1.42457
#2	1.927025	.0544727	-2.47644	7.642551	2.262120	-1.50555	-1.31001

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-11.1422	1.887378	.0172734	.3350860
SDev	2.0686	2.365457	.0040874	.1780932
%RSD	18.56585	125.3303	23.66278	53.14852
#1	-9.67945	3.560008	.0201636	.4610169
#2	-12.6050	.2147474	.0143832	.2091550

Method: STL3 Sample Name: 220-7635-F-3-B Operator: NP
Run Time: 01/02/09 13:49:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.072241	498.1527	.7069091	20.89759	59.45366	-.199606	65259.16
SDev	.016992	1.2214	1.802577	.02055	.69755	.064857	634.02
%RSD	23.52158	.2451866	254.9942	.0983567	1.173267	32.49240	.9715471
#1	-.084256	497.2890	1.981523	20.88306	58.96041	-.245466	64810.83
#2	-.060225	499.0164	-.567705	20.91212	59.94690	-.153745	65707.48

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0400008	.3670768	2.038639	2.612815	1247.650	2004.444	30210.48
SDev	.0139632	.1244951	.082993	.273101	3.365	11.339	255.67
%RSD	34.90717	33.91528	4.071010	10.45235	.2697325	.5656887	.8463056
#1	.0301274	.4551081	2.097325	2.419704	1250.029	1996.426	30029.69
#2	.0498743	.2790454	1.979955	2.805926	1245.270	2012.462	30391.27

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.20887	3.676803	18326.16	1.848614	-.540421	4.515246	1.866144
SDev	.06328	.149174	136.38	.484527	2.600050	2.215606	1.102257
%RSD	.2027703	4.057172	.7441998	26.21029	481.1160	49.06945	59.06601
#1	31.16412	3.782285	18229.72	2.191227	-2.37893	6.081916	2.645558
#2	31.25362	3.571321	18422.59	1.506002	1.298092	2.948576	1.086731

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.919523	1.924037	-1.77155	4.777415	3.989121	1.472041	6.296146
SDev	.341975	.940299	3.42875	2.662821	1.319834	.049805	.241504
%RSD	8.724910	48.87115	193.5452	55.73770	33.08583	3.383375	3.835740
#1	4.161335	1.259145	-4.19605	6.660314	4.922384	1.436824	6.466916
#2	3.677710	2.588929	.6529423	2.894516	3.055857	1.507259	6.125378

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5667.954	.7869948	372.4483	9.791047
SDev	45.778	5.973806	1.6133	.128206
%RSD	.8076560	759.0655	.4331616	1.309421
#1	5635.584	5.011114	371.3075	9.700392
#2	5700.323	-3.43712	373.5891	9.881702

Method: STL3 Sample Name: 220-7644-B-1-F Operator: NP
Run Time: 01/02/09 13:55:29
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.248648	26.06397	4.182110	24.71209	74.22107	-.201616	H135571.3
SDev	.163976	2.44063	4.553035	.07875	.14981	.039007	1408.8
%RSD	65.94675	9.363991	108.8693	.3186830	.2018404	19.34697	1.039182
#1	-.132700	27.78975	.9626282	24.65640	74.11514	-.229198	H134575.1
#2	-.364597	24.33818	7.401593	24.76778	74.32700	-.174034	H136567.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.174360	1.919129	.4559724	.5784880	351.4994	1663.116	2271.229
SDev	.006352	.122398	.0816274	.1477396	4.4911	8.099	13.916
%RSD	3.643231	6.377811	17.90182	25.53892	1.277711	.4869835	.6127074
#1	-.169868	1.832580	.3982531	.6829557	348.3236	1657.389	2261.389
#2	-.178851	2.005678	.5136917	.4740204	354.6751	1668.843	2281.069

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	841.0923	1.461680	H153436.4	4.691507	2.013807	8.898169	-2.24992
SDev	4.0181	.639318	463.3	.787712	.842702	.315636	1.16329
%RSD	.4777277	43.73857	.3019339	16.79017	41.84619	3.547202	51.70350
#1	838.2510	1.913746	H153108.8	4.134511	2.609687	9.121358	-3.07249
#2	843.9335	1.009614	H153764.0	5.248504	1.417927	8.674981	-1.42735

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.08498	4.855505	.5942888	13.97092	-1.26367	.1374346	9.866433
SDev	.61746	2.604070	.0366623	.21757	.51191	.1351485	.644044
%RSD	29.61481	53.63128	6.169102	1.557341	40.51001	98.33662	6.527631
#1	-2.52159	6.696860	.5683646	14.12477	-.901690	.2329991	10.32184
#2	-1.64837	3.014150	.6202129	13.81707	-1.62564	.0418702	9.411025

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	558.2556	-2.47937	352.9896	.7868133
SDev	1.9407	1.75877	.8224	.0386439
%RSD	.3476369	70.93587	.2329948	4.911445
#1	556.8833	-1.23574	352.4081	.8141386
#2	559.6279	-3.72301	353.5712	.7594879

Method: STL3 Sample Name: 220-7653-E-1-B Operator: NP
Run Time: 01/02/09 14:01:12
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0636847	15.48608	1.216904	116.1699	82.20892	-.265839	67419.30
SDev	.2267534	3.14683	1.956601	.8758	.61328	.025995	776.50
%RSD	356.0566	20.32039	160.7852	.7539207	.7460024	9.778522	1.151751
#1	-.096654	13.26093	-.166622	115.5506	81.77526	-.247458	66870.23
#2	.2240236	17.71122	2.600430	116.7892	82.64257	-.284221	67968.37

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2027532	.3619455	.8251669	.3696156	20.84595	5914.828	13963.66
SDev	.1312154	.2792527	.0117026	.0112390	2.27183	24.298	116.77
%RSD	64.71677	77.15324	1.418207	3.040722	10.89820	.4107950	.8362566
#1	.1099700	.1644841	.8334419	.3616685	22.45237	5897.647	13881.09
#2	.2955365	.5594070	.8168919	.3775628	19.23952	5932.009	14046.23

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.094750	.8589256	71127.20	-.416849	-.484396	2.114189	.4937063
SDev	.042231	.3835906	339.27	.442787	1.379081	1.606194	.5600370
%RSD	1.364595	44.65936	.4769950	106.2224	284.7012	75.97208	113.4352
#1	3.064889	.5876860	70887.30	-.729947	-1.45955	3.249940	.8897122
#2	3.124612	1.130165	71367.10	-.103751	.4907615	.9784388	.0977004

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8276233	-.892154	-.281572	2.618231	1.103491	-.245445	7.796873
SDev	4.978128	1.841973	1.147911	2.090697	.635875	.517536	.321959
%RSD	601.4968	206.4637	407.6790	79.85149	57.62389	210.8562	4.129336
#1	-2.69244	-2.19463	-1.09327	4.096577	1.553122	-.611399	7.569213
#2	4.347691	.4103184	.5301232	1.139885	.6538600	.1205083	8.024532

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2730.960	-2.01497	276.7185	.1790014
SDev	32.229	.66713	1.5655	.0399064
%RSD	1.180145	33.10886	.5657237	22.29388
#1	2708.170	-1.54324	275.6115	.1507833
#2	2753.749	-2.48670	277.8254	.2072194

Method: STL3 Sample Name: 220-7653-E-2-B Operator: NP
Run Time: 01/02/09 14:06:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.036787	20.22716	-1.68702	132.1488	93.68916	-.284214	89953.93
SDev	.141846	4.98481	1.98134	1.2926	.51029	.025943	782.59
%RSD	385.5894	24.64414	117.4461	.9781022	.5446610	9.127817	.8699903
#1	-.137087	23.75195	-.286002	131.2348	93.32834	-.302558	89400.55
#2	.0635133	16.70237	-3.08804	133.0628	94.04999	-.265870	90507.30

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.019806	.0086441	.4401693	.4022486	19.67268	5733.855	15607.57
SDev	.177390	.0951981	.1067854	.1474795	16.86271	8.099	92.52
%RSD	895.6410	1101.313	24.26007	36.66377	85.71640	.1412535	.5928013
#1	-.145240	-.058671	.5156779	.2979648	7.748940	5739.583	15542.15
#2	.1056280	.0759593	.3646606	.5065323	31.59642	5728.128	15672.99

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.079900	.0000001	81552.80	.2773923	.9048384	1.929496	.3769035
SDev	.021058	1.044219	139.61	.1954322	.2263814	3.397542	1.281203
%RSD	.6837208	876e6	.1711958	70.45336	25.01899	176.0845	339.9288
#1	3.065010	-.738374	81454.07	.4155838	.7447625	-.472929	1.282851
#2	3.094790	.7383745	81651.52	.1392009	1.064914	4.331921	-.529044

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2497417	3.171498	-.227592	3.859115	-1.93654	.4535198	9.106074
SDev	.2089513	1.308588	.992716	5.345197	.50362	.3743676	.725744
%RSD	83.66695	41.26089	436.1824	138.5084	26.00599	82.54714	7.969894
#1	.1019908	4.096809	-.929548	.0794902	-1.58043	.7182377	9.619253
#2	.3974926	2.246186	.4743641	7.638740	-2.29265	.1888019	8.592895

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2132.562	-3.17279	334.9652	.3707242
SDev	11.296	1.15289	.6440	.0367130
%RSD	.5296719	36.33673	.1922551	9.903044
#1	2124.575	-3.98801	334.5099	.3447642
#2	2140.550	-2.35758	335.4206	.3966842

Method: STL3 Sample Name: 220-7653-E-2-B SD@5 Operator: NP
Run Time: 01/02/09 14:12:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.060301	12.47053	-2.71033	25.24164	18.97485	-.256672	18357.82
SDev	.096391	2.15003	1.02036	.37789	.03277	.038946	81.73
%RSD	159.8493	17.24086	37.64719	1.497092	.1727059	15.17360	.4451990
#1	-.128460	13.99083	-1.98882	24.97443	18.95168	-.229133	18300.03
#2	.0078575	10.95023	-3.43184	25.50885	18.99803	-.284212	18415.61

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.232414	-.090932	.4284051	-.578959	1.997893	857.9020	3115.519
SDev	.073138	.061192	.3559185	.011476	.840946	3.2396	.235
%RSD	31.46863	67.29353	83.07989	1.982243	42.09165	.3776236	.0075580
#1	-.284130	-.047663	.1767327	-.570844	1.403255	855.6113	3115.686
#2	-.180698	-.134201	.6800774	-.587074	2.592532	860.1928	3115.353

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3728083	-.436997	19862.67	.2137966	-1.88179	3.683397	.2298652
SDev	.0316899	.468833	17.45	.5595298	.34847	.931607	2.098589
%RSD	8.500326	107.2851	.0878383	261.7114	18.51802	25.29207	912.9650
#1	.3504002	-.768512	19850.33	-.181851	-2.12820	4.342143	1.713792
#2	.3952165	-.105482	19875.00	.6094439	-1.63539	3.024651	-1.25406

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8190791	.7184317	-3.18056	6.317006	-1.59283	-.621860	1.024700
SDev	3.476392	2.310605	.63113	1.518595	.24427	.569731	.241828
%RSD	424.4269	321.6179	19.84324	24.03979	15.33573	91.61724	23.59983
#1	3.277259	-.915412	-2.73428	7.390815	-1.76556	-1.02472	.8537024
#2	-1.63910	2.352276	-3.62683	5.243197	-1.42011	-.219000	1.195698

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	418.3271	-1.39379	68.39784	-.028417
SDev	2.9640	1.72842	.25104	.076131
%RSD	.7085438	124.0089	.3670234	267.9094
#1	416.2312	-.171609	68.22034	-.082250
#2	420.4230	-2.61596	68.57536	.0254161

Method: STL3 Sample Name: 220-7653-E-3-B Operator: NP
Run Time: 01/02/09 14:18:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.048934	16.13364	-.021505	111.2432	44.79880	-.293297	39150.38
SDev	.181457	4.90038	1.038048	.0797	.24344	.012996	449.59
%RSD	370.8232	30.37369	4826.994	.0716764	.5434019	4.430859	1.148367
#1	-.177243	19.59873	.7125056	111.1868	44.62666	-.284107	38832.46
#2	.0793761	12.66855	-.755516	111.2996	44.97093	-.302486	39468.28

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.077627	.2126351	.5977565	-.056471	16.68212	2834.857	3482.587
SDev	.043498	.1842099	.0950191	.022511	.83713	.000	23.072
%RSD	56.03413	86.63194	15.89596	39.86359	5.018107	.0000000	.6624846
#1	-.046870	.3428912	.5305678	-.072388	17.27406	2834.857	3466.273
#2	-.108385	.0823790	.6649451	-.040553	16.09019	2834.857	3498.901

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.014931	.3917906	57924.82	-.495538	-2.43695	2.877719	.0016599
SDev	.010495	.8311132	6.31	.225689	.68556	3.154104	1.212231
%RSD	70.28902	212.1320	.0108912	45.54425	28.13193	109.6043	73029.06
#1	-.007510	-.195895	57920.36	-.655124	-1.95219	5.108007	.8588368
#2	-.022351	.9794764	57929.28	-.335952	-2.92172	.6474310	-.855517

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.716937	-.001613	-3.65339	3.973218	.6823301	-.177713	2.731266
SDev	.886499	1.156910	.45024	4.911102	.3653109	.573557	.241541
%RSD	23.85025	71725.88	12.32389	123.6051	53.53873	322.7435	8.843570
#1	3.090087	.8164464	-3.33503	7.445891	.4240163	-.583279	2.560470
#2	4.343786	-.819672	-3.97176	.5005446	.9406439	.2278530	2.902061

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2908.271	-.256552	146.5543	.3595749
SDev	27.382	.667007	.1944	.1229130
%RSD	.9415127	259.9885	.1326444	34.18287
#1	2888.909	.2150925	146.4168	.2726622
#2	2927.633	-.728197	146.6918	.4464875

Method: STL3 Sample Name: 220-7659-F-1-B Operator: NP
Run Time: 01/02/09 14:24:05
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.143696	244.9148	1.875965	28.65295	236.9175	-.329527	76682.98
SDev	.029639	2.5496	.311891	.29111	2.8651	.064824	1559.26
%RSD	20.62586	1.041012	16.62563	1.015991	1.209324	19.67180	2.033383
#1	-.164654	243.1119	1.655425	28.44711	234.8916	-.283690	75580.41
#2	-.122738	246.7176	2.096505	28.85880	238.9435	-.375365	77785.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.136605	.2620859	.8937122	1.029292	5251.956	776.5790	7530.085
SDev	.089463	.2170548	.4114782	.216150	77.882	11.3388	75.877
%RSD	65.49068	82.81819	46.04147	20.99989	1.482905	1.460094	1.007655
#1	-.199865	.4155668	.6027531	.8764507	5196.886	768.5612	7476.432
#2	-.073344	.1086050	1.184671	1.182133	5307.027	784.5967	7583.739

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	713.6846	.5575479	9882.338	.4771193	.4264940	2.482296	1.400363
SDev	10.9681	.1278636	101.620	.2787296	.5248863	.903439	1.656483
%RSD	1.536821	22.93321	1.028296	58.41926	123.0700	36.39531	118.2895
#1	705.9290	.6479612	9810.481	.2800278	.7976447	3.121124	2.571673
#2	721.4401	.4671347	9954.193	.6742109	.0553433	1.843468	.2290532

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.188094	3.809302	-1.26302	5.022000	-2.60584	-.049372	6.381916
SDev	4.120067	.790089	.39255	2.663177	2.62146	.182137	.559027
%RSD	129.2329	20.74105	31.08052	53.03022	100.5995	368.9096	8.759549
#1	.2747670	4.367979	-.985446	6.905150	-4.45950	.0794187	5.986624
#2	6.101421	3.250624	-1.54060	3.138849	-.752186	-.178162	6.777207

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6897.450	-4.30935	283.2118	2.345087
SDev	66.536	.42303	2.8454	.043245
%RSD	.9646421	9.816643	1.004701	1.844084
#1	6850.402	-4.01022	281.1997	2.375666
#2	6944.498	-4.60849	285.2238	2.314507

Method: STL3 Sample Name: 220-7659-F-2-B Operator: NP
Run Time: 01/02/09 14:29:48
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.226754	88.42511	1.134106	41.54086	144.0890	-.293241	76480.05
SDev	.175388	2.44679	3.494354	.23590	.1779	.038933	573.79
%RSD	77.34703	2.767074	308.1152	.5678769	.1234645	13.27678	.7502473
#1	-.102736	86.69497	-1.33678	41.70767	143.9633	-.320771	76074.32
#2	-.350772	90.15525	3.604987	41.37405	144.2148	-.265711	76885.78

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.653359	.1405895	.6033348	1.447774	15198.96	428.3784	7430.530
SDev	.070313	.0326371	.3190194	.011227	33.45	8.0992	47.106
%RSD	10.76178	23.21447	52.87602	.7754540	.2200683	1.890662	.6339542
#1	-.603640	.1636675	.3777540	1.455713	15222.61	422.6514	7397.221
#2	-.703077	.1175116	.8289156	1.439836	15175.31	434.1054	7463.839

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1701.230	.1356200	12206.42	.7541817	-1.57725	5.501848	.0680826
SDev	3.322	.6393179	107.54	.2473314	.66519	1.141723	.5179918
%RSD	.1952696	471.4039	.8810316	32.79467	42.17370	20.75163	760.8290
#1	1698.881	.5876860	12130.37	.5792920	-1.10690	4.694528	-.298193
#2	1703.580	-.316446	12282.46	.9290714	-2.04761	6.309168	.4343581

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.261700	.2908032	-2.51058	7.240028	2.019265	.2438857	15.87340
SDev	1.712981	.4536277	1.22361	1.891929	.360941	.2373302	.15911
%RSD	52.51804	155.9913	48.73823	26.13151	17.87488	97.31207	1.002387
#1	4.472960	-.029960	-1.64536	5.902232	2.274489	.4117035	15.98591
#2	2.050439	.6115664	-3.37581	8.577824	1.764041	.0760679	15.76089

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7548.536	-1.71069	224.1761	.7841178
SDev	46.760	2.84987	.6606	.0433861
%RSD	.6194559	166.5914	.2946759	5.533109
#1	7515.472	-3.72585	223.7089	.7534392
#2	7581.601	.3044676	224.6432	.8147964

Method: STL3 Sample Name: 220-7659-F-3-B Operator: NP
Run Time: 01/02/09 14:35:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.049759	97.35698	4.055244	42.54040	142.0135	-.210577	78133.48
SDev	.148695	.20658	2.086245	.24988	.8474	.103753	670.75
%RSD	298.8315	.2121857	51.44562	.5874046	.5966763	49.27085	.8584618
#1	-.154902	97.50305	5.530442	42.36371	141.4143	-.137213	77659.19
#2	.0553844	97.21091	2.580046	42.71710	142.6126	-.283942	78607.77

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.709422	-.341320	.2880888	-.088720	15501.72	436.3961	7525.333
SDev	.021825	.338525	.0558871	.090741	97.28	3.2396	58.923
%RSD	3.076421	99.18117	19.39925	102.2785	.6275588	.7423622	.7829987
#1	-.693990	-.101947	.2485707	-.152883	15432.93	434.1054	7483.668
#2	-.724855	-.580694	.3276069	-.024556	15570.51	438.6869	7566.998

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1739.964	.4369972	12167.38	.0143923	-2.12959	3.547914	-1.04283
SDev	10.325	.8524237	25.76	.2797696	.69111	3.536039	.06962
%RSD	.5933855	195.0639	.2117166	1943.885	32.45280	99.66530	6.676376
#1	1732.663	-.165757	12185.60	.2122192	-2.61828	6.048271	-1.09206
#2	1747.264	1.039752	12149.17	-.183435	-1.64090	1.047557	-.993597

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.44523	3.036100	-4.70921	4.574964	1.489728	.0975188	2.989629
SDev	4.12367	2.095644	2.08233	5.897240	1.193454	.2386752	.315890
%RSD	285.3303	69.02420	44.21822	128.9024	80.11227	244.7478	10.56620
#1	1.470648	4.517944	-6.18164	8.744942	.6458278	-.071250	2.766261
#2	-4.36110	1.554256	-3.23678	.4049853	2.333627	.2662877	3.212997

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7661.075	-1.63964	225.2080	1.355383
SDev	47.931	1.85174	.2998	.009633
%RSD	.6256478	112.9360	.1331356	.7107214
#1	7627.182	-2.94901	224.9959	1.348572
#2	7694.967	-.330258	225.4200	1.362195

Method: STL3 Sample Name: 220-7659-F-4-B Operator: NP
Run Time: 01/02/09 14:41:14
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.286828	126.3776	2.060275	28.57683	108.2580	-.283909	88617.45
SDev	.089851	2.9508	1.200093	.17198	.5243	.077795	658.06
%RSD	31.32584	2.334871	58.24917	.6018234	.4843349	27.40135	.7425814
#1	-.223294	124.2911	2.908869	28.45522	108.6287	-.338918	88152.14
#2	-.350363	128.4641	1.211681	28.69844	107.8872	-.228899	89082.77

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.450788	-.209512	.4504020	.2892650	15387.42	457.0133	9611.716
SDev	.102344	.029986	.0852922	.2845278	73.37	.0000	.428
%RSD	22.70338	14.31236	18.93691	98.36233	.4768176	.0000000	.0044543
#1	-.378420	-.188308	.5107127	.4904565	15335.54	457.0133	9612.019
#2	-.523157	-.230715	.3900913	.0880735	15439.30	457.0133	9611.413

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2441.135	.6630303	15015.55	21.14309	-2.08591	4.222018	.2478422
SDev	6.644	.4901434	97.10	.56771	.62794	.965236	.3453227
%RSD	.2721745	73.92475	.6466364	2.685107	30.10396	22.86195	139.3317
#1	2436.437	.3164465	14946.89	20.74166	-1.64189	4.904543	.0036622
#2	2445.833	1.009614	15084.20	21.54453	-2.52994	3.539494	.4920222

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.480532	1.421994	-3.83784	7.430142	-2.20517	.0107072	4.585206
SDev	1.867265	2.212860	.16333	1.123844	.64740	.1068252	.075995
%RSD	41.67507	155.6167	4.255729	15.12547	29.35836	997.6978	1.657406
#1	3.160176	2.986723	-3.95333	8.224820	-1.74738	-.064830	4.531469
#2	5.800888	-.142734	-3.72235	6.635465	-2.66295	.0862440	4.638943

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7529.971	-.869944	235.8180	1.395471
SDev	33.656	1.848281	.9809	.029462
%RSD	.4469643	212.4598	.4159625	2.111282
#1	7506.172	.4369881	235.1243	1.374638
#2	7553.769	-2.17688	236.5116	1.416304

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 01/02/09 14:46:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.31044	4859.144	523.1782	493.7370	494.2764	504.0756	5159.611
SDev	.08577	9.575	7.6114	.4149	.4495	.7004	9.983
%RSD	.1608913	.1970571	1.454841	.0840332	.0909312	.1389508	.1934912
#1	53.24979	4865.915	528.5602	493.4436	493.9586	503.5804	5152.552
#2	53.37109	4852.373	517.7961	494.0304	494.5942	504.5709	5166.670

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.2325	516.5617	517.3953	491.7824	5061.596	37581.61	4958.516
SDev	1.1298	1.6317	.7586	.0927	33.835	84.23	10.368
%RSD	.2218548	.3158832	.1466097	.0188463	.6684744	.2241291	.2091022
#1	508.4337	517.7155	516.8589	491.8479	5037.671	37641.17	4951.184
#2	510.0314	515.4079	517.9316	491.7168	5085.521	37522.05	4965.847

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.7514	514.1949	38806.07	501.3888	502.3713	498.7323	491.1683
SDev	1.4342	4.7310	102.91	2.3165	1.5156	2.1023	7.4155
%RSD	.2764791	.9200706	.2651876	.4620089	.3016963	.4215305	1.509766
#1	517.7372	510.8496	38878.84	499.7508	501.2996	497.2458	485.9247
#2	519.7656	517.5402	38733.31	503.0268	503.4430	500.2189	496.4118

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	495.8621	501.4968	502.8071	496.6162	502.9699	505.3288	521.1105
SDev	4.0965	3.2522	.6486	1.9135	2.4804	.2590	1.2860
%RSD	.8261339	.6484985	.1290055	.3853015	.4931504	.0512482	.2467870
#1	492.9654	499.1971	502.3485	495.2631	501.2160	505.5119	520.2012
#2	498.7587	503.7964	503.2658	497.9692	504.7238	505.1457	522.0199

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	528.9584	487.1831	507.7429	503.1755
SDev	5.5390	.6083	.1021	.9777
%RSD	1.047150	.1248598	.0201068	.1942993
#1	532.8751	486.7530	507.8151	502.4842
#2	525.0417	487.6132	507.6707	503.8668

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 01/02/09 14:52:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0362704	1.454212	-1.06894	.4489056	-.000000	-.183233	1.435787
SDev	.0397499	5.291241	1.17647	.4784882	.014045	.012992	.338417
%RSD	109.5930	363.8562	110.0600	106.5899	3016e6	7.090550	23.57017
#1	.0643778	5.195684	-1.90083	.7872479	.0099310	-.174047	1.196490
#2	.0081630	-2.28726	-.237046	.1105634	-.009931	-.192420	1.675084

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.018928	.1996338	.4778697	-.909570	12.51390	13.74480	.4976488
SDev	.281124	.2770609	.4743178	.068468	.57977	1.61986	.2355619
%RSD	1485.238	138.7845	99.25674	7.527497	4.632998	11.78528	47.33496
#1	.1798567	.0037222	.1424763	-.957984	12.92386	12.59938	.6642162
#2	-.217712	.3955454	.8132630	-.861156	12.10394	14.89022	.3310814

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.275998	1.582231	.2741430	.2036546	-.873800	4.331054	5.623672
SDev	.021109	.681939	.4738524	.8235820	.244655	2.921401	1.282391
%RSD	7.648314	43.09984	172.8486	404.4014	27.99901	67.45245	22.80344
#1	-.261072	2.064434	.6092073	-.378706	-.700803	6.396796	6.530460
#2	-.290925	1.100027	-.060921	.7860150	-1.04680	2.265311	4.716885

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.432183	.3652200	-1.49298	6.248268	.4898665	-.873127	-1.08218
SDev	3.614031	1.437196	1.08432	3.076573	2.610592	.186848	.15993
%RSD	836.2277	393.5151	72.62786	49.23882	532.9191	21.39991	14.77813
#1	2.123323	-.651031	-.726251	8.423734	2.335834	-.741006	-.969092
#2	-2.98769	1.381471	-2.25971	4.072802	-1.35610	-1.00525	-1.19526

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-14.1066	2.251985	.0143832	.2278747
SDev	1.5220	.940294	.0000071	.1933147
%RSD	10.78946	41.75399	.0494119	84.83377
#1	-13.0304	2.916873	.0143882	.3645689
#2	-15.1828	1.587097	.0143782	.0911806

Method: STL3 Sample Name: 220-7659-F-5-B Operator: NP
Run Time: 01/02/09 14:58:24
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.339505	180.8273	2.397663	43.32333	69.75211	-.320383	81506.97
SDev	.121004	1.5189	.946820	.46904	.03745	.077852	1107.47
%RSD	35.64131	.8399696	39.48928	1.082643	.0536911	24.29957	1.358739
#1	-.425067	179.7533	3.067165	42.99166	69.72563	-.265334	80723.88
#2	-.253942	181.9013	1.728160	43.65498	69.77859	-.375433	82290.07

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.208583	.1890120	.2563493	.4577996	13636.01	509.7015	8144.677
SDev	.176766	.0286990	.1357230	.3188246	86.58	9.7190	28.823
%RSD	84.74627	15.18366	52.94455	69.64282	.6349252	1.906804	.3538862
#1	-.083590	.2093053	.3523199	.6832427	13574.79	502.8292	8124.296
#2	-.333575	.1687188	.1603786	.2323566	13697.23	516.5739	8165.058

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2166.834	1.506887	14932.66	.9669345	-.729574	3.193914	1.053571
SDev	15.724	1.001598	17.88	1.377266	.497030	1.698072	1.696747
%RSD	.7256900	66.46803	.1197236	142.4364	68.12605	53.16586	161.0473
#1	2155.715	.7986499	14945.30	-.006940	-.378121	1.993196	-.146211
#2	2177.952	2.215123	14920.02	1.940809	-1.08103	4.394632	2.253352

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.026283	.8419218	-1.51474	4.127708	1.322420	-.446348	7.253116
SDev	1.127791	2.410312	.45818	2.976905	.863577	.394447	.959973
%RSD	4291.025	286.2869	30.24780	72.12004	65.30276	88.37225	13.23532
#1	-.823751	2.546270	-1.83872	2.022718	1.933061	-.725264	6.574312
#2	.7711859	-.862426	-1.19076	6.232697	.7117791	-.167431	7.931920

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7410.145	.2537160	214.9843	2.066306
SDev	59.610	1.484231	.1357	.059903
%RSD	.8044423	584.9969	.0631363	2.899061
#1	7367.994	1.303225	214.8884	2.108665
#2	7452.296	-.795794	215.0803	2.023948

Method: STL3 Sample Name: 220-7659-F-6-B Operator: NP
Run Time: 01/02/09 15:04:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.168230	10.39160	1.245180	-4.16980	1.089101	-.265721	51.92754
SDev	.022745	1.64443	2.292177	.15946	.018726	.077864	.33842
%RSD	13.52028	15.82464	184.0840	3.824239	1.719401	29.30291	.6517125
#1	-.152146	11.55439	2.865994	-4.28256	1.075860	-.210663	51.68824
#2	-.184313	9.228810	-.375634	-4.05704	1.102342	-.320779	52.16684

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.136057	-.351275	.7460402	-.016229	24.67817	92.77716	7.492370
SDev	.050892	.186459	.0001913	.079405	.84890	6.47936	2.589625
%RSD	37.40474	53.08062	.0256427	489.2805	3.439863	6.983783	34.56349
#1	-.100071	-.219428	.7459049	.0399191	24.07792	88.19556	5.661229
#2	-.172043	-.483121	.7461755	-.072377	25.27844	97.35876	9.323511

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1788702	.0000002	314.8076	.8304689	-1.28291	2.706666	-.561715
SDev	.0104725	.2344166	1.8954	.2972444	.75030	1.647909	1.490799
%RSD	5.854787	112e6	.6020846	35.79236	58.48418	60.88335	265.4016
#1	.1862754	.1657578	316.1478	1.040652	-1.81345	1.541418	.4924398
#2	.1714651	-.165757	313.4673	.6202854	-.752368	3.871913	-1.61587

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.487609	-.731545	-1.55893	4.826188	-1.53975	-1.16225	2.959268
SDev	.478594	1.902488	2.07477	1.459520	2.02525	.81908	.080526
%RSD	10.66479	260.0642	133.0899	30.24167	131.5317	70.47334	2.721138
#1	4.149192	.6137167	-3.02601	3.794151	-2.97181	-1.74142	2.902328
#2	4.826026	-2.07681	-.091840	5.858224	-.107676	-.583075	3.016208

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.7133203	-2.65810	.0767416	.2331891
SDev	3.065214	.48529	.0000071	.0720096
%RSD	429.7108	18.25703	.0092610	30.88034
#1	2.880754	-3.00126	.0767466	.1822706
#2	-1.45411	-2.31495	.0767366	.2841075

Method: STL3 Sample Name: 220-7634-A-1-D Operator: NP
Run Time: 01/02/09 15:09:51
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.160190	17.72613	1.122021	.5490062	2.330478	-.311507	58.86717
SDev	.147368	6.51503	.720166	.0796581	.014045	.013001	1.69209
%RSD	91.99580	36.75381	64.18474	14.50952	.6026452	4.173595	2.874418
#1	-.264395	13.11931	.6127865	.4926794	2.340409	-.302314	57.67068
#2	-.055985	22.33295	1.631255	.6053330	2.320547	-.320700	60.06366

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4920050	-.309841	1.550950	15.53985	142.5403	-6.87234	15.15770
SDev	.2695230	.309042	.094946	.17062	2.2678	1.61982	.23549
%RSD	54.78054	99.74220	6.121778	1.097929	1.590959	23.57011	1.553628
#1	.3014235	-.091315	1.483813	15.66049	140.9367	-5.72695	14.99118
#2	.6825865	-.528367	1.618087	15.41920	144.1438	-8.01772	15.32422

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.372092	-.421928	128.0705	.5185840	-.632210	3.285025	-.058815
SDev	.010560	.021311	1.0554	.0695238	1.132049	.625201	.325422
%RSD	.7696325	5.050784	.8240735	13.40647	179.0620	19.03186	553.2925
#1	1.364624	-.406859	127.3242	.5677448	.1682689	2.842941	.1712924
#2	1.379559	-.436997	128.8168	.4694233	-1.43269	3.727109	-.288923

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.55090	.2679007	-1.08219	5.093844	-.339147	-.551167	23.90099
SDev	1.56867	.6120363	1.39167	.729807	.415818	.153801	.56371
%RSD	101.1457	228.4564	128.5970	14.32724	122.6071	27.90467	2.358541
#1	-2.66012	.7006757	-.098135	4.577792	-.633174	-.659921	24.29959
#2	-.441685	-.164874	-2.06625	5.609895	-.045119	-.442413	23.50238

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	47.62551	4.056374	.0967745	.7496964
SDev	1.71090	.818704	.0041122	.0834079
%RSD	3.592403	20.18314	4.249301	11.12556
#1	46.41572	3.477463	.0996823	.8086746
#2	48.83530	4.635284	.0938667	.6907180

Method: STL3 Sample Name: 220-7634-A-2-D Operator: NP
Run Time: 01/02/09 15:15:34
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.072119	-2.00384	-.709900	-.676685	2.327167	-.174136	-3.70911
SDev	.147297	4.26353	2.301871	.000670	.046815	.051788	.16921
%RSD	204.2425	212.7681	324.2529	.0989822	2.011682	29.74002	4.561964
#1	.0320361	1.010932	.9177689	-.676211	2.294064	-.137517	-3.82876
#2	-.176274	-5.01861	-2.33757	-.677159	2.360270	-.210756	-3.58946

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.160548	.1971610	.0000528	-.313831	8.539869	1.145448	1.829088
SDev	.133987	.1539635	.0116906	.204591	6.200544	3.239680	.235494
%RSD	83.45622	78.09023	22148.20	65.19152	72.60702	282.8308	12.87494
#1	-.255291	.3060296	-.008214	-.458499	4.155422	-1.14535	1.662569
#2	-.065805	.0882924	.0083193	-.169163	12.92431	3.436248	1.995607

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.328182	.2260330	19.35754	-.072720	-.809499	5.432340	-.886828
SDev	.010477	.3409693	.06461	.456541	.207455	3.846669	.004997
%RSD	3.192486	150.8493	.3337827	627.8097	25.62754	70.81054	.5634894
#1	-.335591	-.015069	19.31186	-.395543	-.956192	8.152346	-.883295
#2	-.320774	.4671347	19.40323	.2501034	-.662807	2.712334	-.890362

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.749355	1.274188	-1.85043	8.158779	-.029727	-.687600	12.92071
SDev	2.113641	1.269121	.32251	5.147513	1.241074	.766718	.00019
%RSD	76.87770	99.60233	17.42901	63.09171	4174.888	111.5064	.0014822
#1	4.243925	.3767839	-1.62238	11.79862	.8478450	-.145449	12.92085
#2	1.254785	2.171591	-2.07848	4.518938	-.907299	-1.22975	12.92058

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4.059899	2.809139	-.092167	-.002765
SDev	2.170222	4.033006	.004073	.003766
%RSD	53.45509	143.5673	4.419297	136.2281
#1	2.525320	5.660905	-.095048	-.005428
#2	5.594478	-.042627	-.089287	-.000102

Method: STL3 Sample Name: 220-7634-A-3-D Operator: NP
Run Time: 01/02/09 15:21:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0080331	10.16301	.6140072	-.874314	2.234478	-.311689	-6.22173
SDev	.0567592	1.70855	.9448345	.039223	.018726	.064702	.00000
%RSD	706.5705	16.81145	153.8800	4.486150	.8380488	20.75858	.0000000
#1	-.032102	11.37113	1.282106	-.902049	2.221236	-.265938	-6.22173
#2	.0481679	8.954879	-.054092	-.846579	2.247719	-.357440	-6.22173

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0430875	.7659508	.4278001	1.552229	5.915599	L-17.1809	2.162031
SDev	.4546439	.0933019	.1895294	.090831	4.782245	3.2396	.706618
%RSD	1055.165	12.18118	44.30328	5.851671	80.84126	18.85600	32.68305
#1	-.278394	.6999764	.2937825	1.488002	2.534041	L-19.4717	2.661685
#2	.3645692	.8319252	.5618176	1.616457	9.297157	L-14.8902	1.662377

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.328166	.1958954	22.90618	.4206124	-.456651	4.290057	-1.61197
SDev	.052842	.1704850	.51693	.0117977	1.084376	3.010457	.13737
%RSD	16.10213	87.02856	2.256725	2.804898	237.4629	70.17291	8.521852
#1	-.290801	.0753443	22.54065	.4122701	.3101190	6.418772	-1.70911
#2	-.365531	.3164465	23.27170	.4289546	-1.22342	2.161342	-1.51484

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.280333	.0502528	-.710322	5.843771	1.176861	-.506335	13.54716
SDev	2.453484	.6227806	1.314828	4.161422	.704931	1.230625	.40245
%RSD	74.79373	1239.295	185.1030	71.21124	59.89926	243.0454	2.970703
#1	1.545459	.4906252	.2194015	8.786341	1.675322	.3638478	13.26258
#2	5.015209	-.390120	-1.64005	2.901202	.6783994	-1.37652	13.83173

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	14.89415	1.972806	-.092115	-.021727
SDev	1.84647	2.365166	.004077	.030325
%RSD	12.39729	119.8884	4.425689	139.5714
#1	16.19981	3.645231	-.089232	-.043170
#2	13.58850	.3003811	-.094997	-.000284

Method: STL3 Sample Name: 220-7634-A-4-D Operator: NP
Run Time: 01/02/09 15:27:01
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.240387	14.76622	-.750200	-.859986	2.221236	-.412547	3.469814
SDev	.181363	2.94177	1.151035	.298931	.000000	.077753	.169208
%RSD	75.44628	19.92229	153.4304	34.76001	.0000000	18.84702	4.876576
#1	-.368629	12.68607	-1.56410	-1.07136	2.221236	-.467527	3.350166
#2	-.112144	16.84636	.0637046	-.648610	2.221236	-.357568	3.589462

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0746572	.2189137	.5534058	.2090064	9.526441	L-14.8901	4.497360
SDev	.3424984	.4329903	.0356808	.4436128	3.125940	3.2397	1.647986
%RSD	458.7611	197.7904	6.447495	212.2484	32.81330	21.75725	36.64340
#1	.3168402	-.087257	.5281756	.5226880	11.73681	L-17.1809	3.332058
#2	-.167526	.5250841	.5786359	-.104675	7.316067	L-12.5993	5.662662

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4101312	.3013774	72.11485	-.090829	1.541148	2.112974	-.455820
SDev	.0000553	.0639317	.06461	.798984	.828571	.400066	.834585
%RSD	.0134827	21.21316	.0895980	879.6547	53.76323	18.93379	183.0955
#1	.4100921	.2561708	72.16054	.4741375	.9552601	2.395863	.1343213
#2	.4101703	.3465839	72.06916	-.655796	2.127037	1.830085	-1.04596

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.063620	4.478753	.0739486	3.500653	-.667653	-.214828	42.91816
SDev	4.635165	.611033	1.547294	1.597792	1.999124	.616878	.56340
%RSD	435.7913	13.64293	2092.391	45.64267	299.4255	287.1493	1.312731
#1	4.341177	4.910819	-1.02015	4.630463	-2.08125	-.651027	42.51978
#2	-2.21394	4.046687	1.168051	2.370844	.7459406	.2213702	43.31655

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	25.63582	3.666971	-.054844	.0907031
SDev	1.22328	3.426666	.008150	.0681748
%RSD	4.771765	93.44679	14.86020	75.16258
#1	24.77083	1.243952	-.060606	.0424962
#2	26.50081	6.089990	-.049081	.1389100

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 01/02/09 15:32:45
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.78046	4891.354	520.2400	489.5141	497.2656	499.4913	5081.241
SDev	.14118	11.462	1.6985	.2369	.4822	2.9303	28.766
%RSD	.2674940	.2343354	.3264918	.0483854	.0969677	.5866486	.5661131
#1	52.88029	4899.459	521.4410	489.3466	497.6066	497.4193	5060.901
#2	52.68062	4883.249	519.0389	489.6816	496.9246	501.5634	5101.582

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.5677	509.6442	509.8485	496.3680	5009.840	37957.30	4946.155
SDev	1.0245	.7215	2.4199	.6386	3.174	38.88	4.705
%RSD	.2038518	.1415651	.4746293	.1286618	.0633492	.1024232	.0951234
#1	501.8433	509.1340	508.1373	496.8195	5012.084	37929.81	4949.482
#2	503.2921	510.1544	511.5596	495.9164	5007.596	37984.79	4942.829

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.3004	510.7742	39388.76	497.0318	500.7294	500.5505	490.8519
SDev	.5170	4.9653	75.80	2.4019	.4354	3.3794	2.0214
%RSD	.1009078	.9721221	.1924369	.4832560	.0869624	.6751340	.4118208
#1	511.9349	507.2632	39442.36	495.3334	500.4215	498.1610	489.4226
#2	512.6659	514.2853	39335.16	498.7302	501.0373	502.9401	492.2813

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.6474	499.5201	501.3325	498.7362	504.1838	500.6646	511.9412
SDev	3.6846	.4702	.4180	3.5692	2.9993	2.5939	3.3021
%RSD	.7479189	.0941324	.0833842	.7156441	.5948762	.5180966	.6450095
#1	490.0420	499.1876	501.0369	496.2123	502.0630	498.8304	509.6062
#2	495.2528	499.8526	501.6281	501.2599	506.3046	502.4987	514.2761

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	527.2472	488.3163	506.8856	501.3326
SDev	.8218	9.2493	.0455	.3637
%RSD	.1558621	1.894119	.0089699	.0725544
#1	527.8283	481.7761	506.9177	501.0754
#2	526.6661	494.8566	506.8534	501.5897

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 01/02/09 15:38:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.276291	11.53940	-1.59916	.2805671	-.000000	-.265725	1.914381
SDev	.096134	.20305	.71448	.3983500	.014045	.000056	1.015252
%RSD	34.79445	1.759589	44.67844	141.9803	3016e6	.0211032	53.03292
#1	-.344268	11.39582	-1.09394	.5622430	.0099310	-.265685	1.196490
#2	-.208314	11.68297	-2.10437	-.001109	-.009931	-.265765	2.632273

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.140369	.5947388	.2849526	-.805249	3.346436	14.89018	.4970758
SDev	.196466	.0890082	.3439949	.330628	2.242039	6.47932	3.060679
%RSD	139.9642	14.96593	120.7201	41.05911	66.99780	43.51400	615.7369
#1	-.279291	.5318006	.0417115	-1.03904	1.761075	10.30862	-1.66715
#2	-.001446	.6576772	.5281937	-.571460	4.931797	19.47175	2.661303

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.365506	2.184986	.4416743	.2930723	-1.92479	5.438726	5.030309
SDev	.021109	1.875332	.4092352	.5598196	1.17912	.738574	2.961832
%RSD	5.775306	85.82813	92.65543	191.0176	61.25968	13.57991	58.87972
#1	-.380433	3.511046	.7310473	.6889245	-1.09103	5.960977	7.124640
#2	-.350580	.8589253	.1523013	-.102780	-2.75855	4.916476	2.935977

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.868040	-1.04276	-2.36584	6.903496	2.503683	-1.10267	-.456260
SDev	.135367	.85064	1.34311	2.228539	2.245695	.18567	.081254
%RSD	15.59453	81.57546	56.77108	32.28131	89.69566	16.83787	17.80873
#1	-.772321	-.441270	-1.41612	8.479311	.9157369	-1.23395	-.513716
#2	-.963759	-1.64425	-3.31557	5.327681	4.091629	-.971383	-.398805

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-7.99904	2.380476	.0201385	.2439038
SDev	.92267	1.971228	.0000213	.1630512
%RSD	11.53480	82.80817	.1058656	66.85065
#1	-8.65147	3.774344	.0201536	.3591984
#2	-7.34662	.9866068	.0201234	.1286091

Metals Worksheet

Batch Number: 220-23238
Method: 3010A
Analyst: Capece, Bill

Date Open: Dec 29 2008 12:37PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00034	MSPK1_00002
MB~220-23238/1				50 mL	50 mL				
LCS~220-23238/2				50 mL	50 mL			50 mL	
LB~220-23174/1-A				10 mL	50 mL				
220-7630-A-8-A	PS133-16SB-19-19.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-A-11-A	PS133-17SB-19-19.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-A-14-A	PS133-18SB-1-1.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-A-16-A	PS133-18SB-9-9.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-A-18-A	PS133-19SB-3-3.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-A-21-A	PS133-20SB-1-1.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-B-26-A	PS133-15SB-5-5.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-B-28-A	PS133-14SB-3-3.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-B-31-A	PS133-22SB-11-11.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7630-A-37-A	PS133-13SB-3-3.5	3010A_L, 6010B	P	10 mL	50 mL				
220-7561-B-1	BBMW-1S	3010A, 6010B	T	50 mL	50 mL				
220-7561-B-1~DU		3010A, 6010B	T	50 mL	50 mL				
220-7561-B-1~MS		3010A, 6010B	T	50 mL	50 mL	0.050 mL	0.100 mL		0.050 mL
220-7654-B-1	MW-26S	3010A, 6010B	T	50 mL	50 mL				
220-7654-B-2	MW-26I	3010A, 6010B	T	50 mL	50 mL				
220-7654-B-3	MW-30S	3010A, 6010B	T	50 mL	50 mL				
220-7654-B-4	MW-30I	3010A, 6010B	T	50 mL	50 mL				
220-7623-A-1	MW-55	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-7623-A-2	MW-29S	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-7623-A-3	REP121908	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-7623-A-4	FB121908	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-7635-F-1	CHA-3S	3010A, 6010B	T	50 mL	50 mL				

Metals Worksheet

Batch Number: 220-23238
Method: 3010A
Analyst: Capece, Bill

Date Open: Dec 29 2008 12:37PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00002
MB~220-23238/1				
LCS~220-23238/2				
LB~220-23174/1-A				
220-7630-A-8-A	PS133-16SB-19-19.5	3010A_L, 6010B	P	
220-7630-A-11-A	PS133-17SB-19-19.5	3010A_L, 6010B	P	
220-7630-A-14-A	PS133-18SB-1-1.5	3010A_L, 6010B	P	
220-7630-A-16-A	PS133-18SB-9-9.5	3010A_L, 6010B	P	
220-7630-A-18-A	PS133-19SB-3-3.5	3010A_L, 6010B	P	
220-7630-A-21-A	PS133-20SB-1-1.5	3010A_L, 6010B	P	
220-7630-B-26-A	PS133-15SB-5-5.5	3010A_L, 6010B	P	
220-7630-B-28-A	PS133-14SB-3-3.5	3010A_L, 6010B	P	
220-7630-B-31-A	PS133-22SB-11-11.5	3010A_L, 6010B	P	
220-7630-A-37-A	PS133-13SB-3-3.5	3010A_L, 6010B	P	
220-7561-B-1	BBMW-1S	3010A, 6010B	T	
220-7561-B-1~DU		3010A, 6010B	T	
220-7561-B-1~MS		3010A, 6010B	T	0.050 mL
220-7654-B-1	MW-26S	3010A, 6010B	T	
220-7654-B-2	MW-26I	3010A, 6010B	T	
220-7654-B-3	MW-30S	3010A, 6010B	T	
220-7654-B-4	MW-30I	3010A, 6010B	T	
220-7623-A-1	MW-55	200.7_P_TOT, 200.7_CWA	T	
220-7623-A-2	MW-29S	200.7_P_TOT, 200.7_CWA	T	
220-7623-A-3	REP121908	200.7_P_TOT, 200.7_CWA	T	
220-7623-A-4	FB121908	200.7_P_TOT, 200.7_CWA	T	
220-7635-F-1	CHA-3S	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00006
Lot # of Nitric Acid: MNITRICACD-00005
DigestionTubes: A805LS309
Hot Block ID number: hb5

Metals Worksheet

Batch Number: 220-23290
Method: 3010A
Analyst: Capece, Bill

Date Open: Dec 30 2008 12:37PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00034	MSPK1_00003
MB~220-23290/1				50 mL	50 mL				
LCS~220-23290/2				50 mL	50 mL			50 mL	
LB~220-23272/2-A				10 mL	50 mL				
220-7654-A-1-A	MW-26S	3010A, 6010B	D	50 mL	50 mL				
220-7654-A-2-A	MW-26I	3010A, 6010B	D	50 mL	50 mL				
220-7654-A-3-A	MW-30S	3010A, 6010B	D	50 mL	50 mL				
220-7654-A-4-A	MW-30I	3010A, 6010B	D	50 mL	50 mL				
220-7635-F-2	CHA-3I	3010A, 6010B	T	50 mL	50 mL				
220-7635-F-2~DU		3010A, 6010B	T	50 mL	50 mL				
220-7635-F-2~MS		3010A, 6010B	T	50 mL	50 mL	0.050 mL	0.100 mL		0.050 mL
220-7635-F-3	PZ-3	3010A, 6010B	T	50 mL	50 mL				
220-7644-B-1-D	NGLA-SB-07-08 (COMP)	3010A_L, 6010B	P	10 mL	50 mL				
220-7653-E-1-A	MW-01	3010A, 6010B	D	50 mL	50 mL				
220-7653-E-2-A	MW-02	3010A, 6010B	D	50 mL	50 mL				
220-7653-E-3-A	MW-03	3010A, 6010B	D	50 mL	50 mL				
220-7659-F-1	CH-MW6	3010A, 6010B	T	50 mL	50 mL				
220-7659-F-2	CH-MW7	3010A, 6010B	T	50 mL	50 mL				
220-7659-F-3	CH-MW7 DUPLICATE	3010A, 6010B	T	50 mL	50 mL				
220-7659-F-4	CH-MW8	3010A, 6010B	T	50 mL	50 mL				
220-7659-F-5	CH-MW9	3010A, 6010B	T	50 mL	50 mL				
220-7659-F-6	EQUIPMENT BLANK	3010A, 6010B	T	50 mL	50 mL				
220-7634-A-1-B	CG 09-26	3010A_L, 6010B	P	1.10 mL	50 mL				
220-7634-A-2-B	CG 09-27	3010A_L, 6010B	P	1.11 mL	50 mL				
220-7634-A-3-B	CG 09-28	3010A_L, 6010B	P	1.12 mL	50 mL				
220-7634-A-4-B	CG 09-29	3010A_L, 6010B	P	1.11 mL	50 mL				

Metals Worksheet

Batch Number: 220-23290
Method: 3010A
Analyst: Capece, Bill

Date Open: Dec 30 2008 12:37PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-23290/1				
LCS~220-23290/2				
LB~220-23272/2-A				
220-7654-A-1-A	MW-26S	3010A, 6010B	D	
220-7654-A-2-A	MW-26I	3010A, 6010B	D	
220-7654-A-3-A	MW-30S	3010A, 6010B	D	
220-7654-A-4-A	MW-30I	3010A, 6010B	D	
220-7635-F-2	CHA-3I	3010A, 6010B	T	
220-7635-F-2~DU		3010A, 6010B	T	
220-7635-F-2~MS		3010A, 6010B	T	0.050 mL
220-7635-F-3	PZ-3	3010A, 6010B	T	
220-7644-B-1-D	NGLA-SB-07-08 (COMP)	3010A_L, 6010B	P	
220-7653-E-1-A	MW-01	3010A, 6010B	D	
220-7653-E-2-A	MW-02	3010A, 6010B	D	
220-7653-E-3-A	MW-03	3010A, 6010B	D	
220-7659-F-1	CH-MW6	3010A, 6010B	T	
220-7659-F-2	CH-MW7	3010A, 6010B	T	
220-7659-F-3	CH-MW7 DUPLICATE	3010A, 6010B	T	
220-7659-F-4	CH-MW8	3010A, 6010B	T	
220-7659-F-5	CH-MW9	3010A, 6010B	T	
220-7659-F-6	EQUIPMENT BLANK	3010A, 6010B	T	
220-7634-A-1-B	CG 09-26	3010A_L, 6010B	P	
220-7634-A-2-B	CG 09-27	3010A_L, 6010B	P	
220-7634-A-3-B	CG 09-28	3010A_L, 6010B	P	
220-7634-A-4-B	CG 09-29	3010A_L, 6010B	P	

Lot # of hydrochloric acid: WHCLACD-00006
Lot # of Nitric Acid: MNITRICACD-00005
DigestionTubes: A805LS309
Hot Block ID number: hb3

Metals Worksheet

Batch Number: 220-23290
Method: 3010A
Analyst: Capece, Bill

Date Open: Dec 30 2008 12:37PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Comments Analysis comment
MB~220-23290/1				
LCS~220-23290/2				
LB~220-23272/2-A				
220-7654-A-1-A	MW-26S	3010A, 6010B	D	
220-7654-A-2-A	MW-26I	3010A, 6010B	D	
220-7654-A-3-A	MW-30S	3010A, 6010B	D	
220-7654-A-4-A	MW-30I	3010A, 6010B	D	
220-7635-F-2	CHA-3I	3010A, 6010B	T	
220-7635-F-2~DU		3010A, 6010B	T	
220-7635-F-2~MS		3010A, 6010B	T	
220-7635-F-3	PZ-3	3010A, 6010B	T	
220-7644-B-1-D	NGLA-SB-07-08 (COMP)	3010A_L, 6010B	P	
220-7653-E-1-A	MW-01	3010A, 6010B	D	
220-7653-E-2-A	MW-02	3010A, 6010B	D	
220-7653-E-3-A	MW-03	3010A, 6010B	D	
220-7659-F-1	CH-MW6	3010A, 6010B	T	
220-7659-F-2	CH-MW7	3010A, 6010B	T	
220-7659-F-3	CH-MW7 DUPLICATE	3010A, 6010B	T	
220-7659-F-4	CH-MW8	3010A, 6010B	T	
220-7659-F-5	CH-MW9	3010A, 6010B	T	
220-7659-F-6	EQUIPMENT BLANK	3010A, 6010B	T	
220-7634-A-1-B	CG 09-26	3010A_L, 6010B	P	1 gram added (specific grav. 4.55g=5mL / 1g=1.10mL)
220-7634-A-2-B	CG 09-27	3010A_L, 6010B	P	1 gram added (specific grav. 4.51g=5mL / 1g=1.11mL)
220-7634-A-3-B	CG 09-28	3010A_L, 6010B	P	1 gram added (specific grav. 4.48g=5mL / 1g=1.12mL)
220-7634-A-4-B	CG 09-29	3010A_L, 6010B	P	1 gram added (specific grav. 4.50g=5mL / 1g=1.11mL)

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG No.: 220-7654

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
MW-26S	220-7654-1
MW-26I	220-7654-2
MW-30S	220-7654-3
MW-30I	220-7654-4

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-26S
Lab Sample ID: 220-7654-1
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 12:10
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	199	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-26I
Lab Sample ID: 220-7654-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 12:45
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.9	1.0	0.10	mg/L			1	9060
	Alkalinity	117	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-30S
Lab Sample ID: 220-7654-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 13:35
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.42	1.0	0.10	mg/L	J		1	9060
	Alkalinity	209	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-30I
Lab Sample ID: 220-7654-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7654-1
SDG ID.: 220-7654
Matrix: Water
Date Sampled: 12/23/2008 14:10
Reporting Basis: WET
Date Received: 12/24/2008 10:40

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	2.4	1.0	0.10	mg/L			1	9060
	Alkalinity	111	2.0	0.16	mg/L			1	SM 2320B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Analyst: DM Batch Start Date: 12/27/2008

Reporting Units: mg/L Analytical Batch No.: 23295

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	17:01	Total Organic Carbon - Quad	9.9	10.0	99	85-115		WTOCICVSTK_00009
2	ICB	17:37	Total Organic Carbon - Quad	0.27				J	
3	CCV	02:30	Total Organic Carbon - Quad	10.2	10.0	102	85-115		WTOCICVSTK_00009
4	CCB	03:10	Total Organic Carbon - Quad	1.0				U	
6	CCV	09:35	Total Organic Carbon - Quad	10.3	10.0	103	85-115		WTOCICVSTK_00009
7	CCB	10:13	Total Organic Carbon - Quad	1.0				U	
15	CCV	17:05	Total Organic Carbon - Quad	10.7	10.0	107	85-115		WTOCICVSTK_00009
16	CCB	17:46	Total Organic Carbon - Quad	1.0				U	
25	CCV	23:56	Total Organic Carbon - Quad	9.8	10.0	98	85-115		WTOCICVSTK_00009
26	CCB	00:36	Total Organic Carbon - Quad	1.0				U	
27	CCV	08:16	Total Organic Carbon - Quad	10.2	10.0	102	85-115		WTOCICVSTK_00009
28	CCB	08:54	Total Organic Carbon - Quad	1.0				U	
30	CCV	11:05	Total Organic Carbon - Quad	10.1	10.0	101	85-115		WTOCICVSTK_00009
31	CCB	11:43	Total Organic Carbon - Quad	1.0				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 23295	Date: 12/29/2008 10:39						
9060	MB 220-23295/8	Total Organic Carbon - Quad	1.0	U	mg/L	1.0	1
Batch ID: 23258	Date: 12/29/2008 12:49						
SM 2320B	MB 220-23258/5	Alkalinity	0.24	J	mg/L	2.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 23295 Date: 12/29/2008 15:22											
9060	220-7654-1	Total Organic Carbon - Quad	1.0	U	mg/L						
9060	220-7654-1 MS	Total Organic Carbon - Quad	18.51		mg/L	20.0	93	75-125			

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

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 23295	Date: 12/29/2008 14:40							
9060	MW-26S	220-7654-1	Total Organic Carbon - Quad	1.0	mg/L			U
9060	MW-26S	220-7654-1 DU	Total Organic Carbon - Quad	1.0	mg/L	NC	20	U
Batch ID: 23258	Date: 12/29/2008 13:02							
SM 2320B		220-7582-A-1	Alkalinity	41.8	mg/L			
SM 2320B		220-7582-A-1 DU	Alkalinity	41.88	mg/L	0	20	

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 23295		Date: 12/29/2008 08:49									
						LCS Source: WDEMLCS_00010					
9060	LCS 220-23295/5 ^4	Total Organic Carbon - Quad	88.86		mg/L	82.2	108	85-115			
Batch ID: 23258		Date: 12/29/2008 12:38									
						LCS Source: WALKLCS_00029					
SM 2320B	LCS 220-23258/3	Alkalinity	239.3		mg/L	236	101	85-115			
Batch ID: 23258		Date: 12/29/2008 13:50									
						LCS Source: WALKLCS_00029					
SM 2320B	LCS 220-23258/14	Alkalinity	240.2		mg/L	236	102	85-115			
Batch ID: 23258		Date: 12/29/2008 15:17									
						LCS Source: WALKLCS_00029					
SM 2320B	LCS 220-23258/25	Alkalinity	240.9		mg/L	236	102	85-115			
Batch ID: 23258		Date: 12/29/2008 16:13									
						LCS Source: WALKLCS_00029					
SM 2320B	LCS 220-23258/33	Alkalinity	241.3		mg/L	236	102	85-115			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG Number: 220-7654

Matrix: Water Instrument ID: TOC1

Analysis Method: 9060 MDL Date: 05/11/2008 08:54

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon - Quad		1	0.1

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-7654-1

SDG Number: 220-7654

Matrix: Water Instrument ID: Titrator

Analysis Method: SM 2320B MDL Date: 03/23/2008 08:13

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Alkalinity		2	0.16

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: TOC1 Method: 9060

Start Date: 12/27/2008 17:01 End Date: 12/30/2008 11:43

Lab Sample ID	D/F	Type	Time	Analytes																			
				TOCQ																			
ICV 220-23295/1	1		17:01	X																			
ICB 220-23295/2	1		17:37	X																			
CCV 220-23295/3	1		02:30	X																			
CCB 220-23295/4	1		03:10	X																			
LCS 220-23295/5 ^4	4	T	08:49	X																			
CCV 220-23295/6	1		09:35	X																			
CCB 220-23295/7	1		10:13	X																			
MB 220-23295/8	1	T	10:39	X																			
ZZZZZZ			12:52																				
ZZZZZZ			13:36																				
220-7654-1	1	T	14:15	X																			
220-7654-1 DU	1	T	14:40	X																			
220-7654-1 MS	1	T	15:22	X																			
220-7654-2	1	T	16:26	X																			
CCV 220-23295/15	1		17:05	X																			
CCB 220-23295/16	1		17:46	X																			
220-7654-3	1	T	18:23	X																			
220-7654-4	1	T	18:51	X																			
ZZZZZZ			19:24																				
ZZZZZZ			20:17																				
ZZZZZZ			20:55																				
ZZZZZZ			21:26																				
ZZZZZZ			21:55																				
ZZZZZZ			22:27																				
CCV 220-23295/25	1		23:56	X																			
CCB 220-23295/26	1		00:36	X																			
CCV 220-23295/27	1		08:16	X																			
CCB 220-23295/28	1		08:54	X																			
ZZZZZZ			10:08																				
CCV 220-23295/30	1		11:05	X																			
CCB 220-23295/31	1		11:43	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7654-1

SDG No.: 220-7654

Instrument ID: Titrator Method: SM 2320B

Start Date: 12/29/2008 12:26 End Date: 12/29/2008 16:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				Alk																			
ZZZZZZ			12:26																				
ZZZZZZ			12:31																				
LCS 220-23258/3	1	T	12:38	X																			
ZZZZZZ			12:44																				
MB 220-23258/5	1	T	12:49	X																			
ZZZZZZ			12:55																				
220-7582-A-1 DU	1	T	13:02	X																			
ZZZZZZ			13:10																				
ZZZZZZ			13:16																				
ZZZZZZ			13:25																				
ZZZZZZ			13:29																				
ZZZZZZ			13:37																				
ZZZZZZ			13:42																				
LCS 220-23258/14	1	T	13:50	X																			
ZZZZZZ			13:56																				
ZZZZZZ			14:16																				
ZZZZZZ			14:24																				
ZZZZZZ			14:33																				
ZZZZZZ			14:39																				
ZZZZZZ			14:45																				
ZZZZZZ			14:50																				
220-7654-1	1	T	14:57	X																			
220-7654-2	1	T	15:04	X																			
ZZZZZZ			15:09																				
LCS 220-23258/25	1	T	15:17	X																			
220-7654-3	1	T	15:24	X																			
220-7654-4	1	T	15:31	X																			
ZZZZZZ			15:41																				
ZZZZZZ			15:45																				
ZZZZZZ			15:52																				
ZZZZZZ			16:00																				
ZZZZZZ			16:05																				
LCS 220-23258/33	1	T	16:13	X																			

Prep Types

T = Total/NA

ALK: 23258

TestAmerica Shelton CT

PC-TitratION PLUS

Analyst J. Mendoza

Report Date: 12/29/2008
Report Time: 4:13 PM

Run Number
791

Order Number
20081229-1

SampleID	RunDate	RunTime	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm
7.00 BUFFER	12/29/2008	12:26 PM	-1.00	6.97	.00	1,679.75	1,679.75	.00	.00
RB-1	12/29/2008	12:31 PM	-1.00	5.42	.00	.54	.54	.00	.00
LCS-1	12/29/2008	12:38 PM	-1.00	10.14	114.33	239.33	10.68	228.66	.00
RB-2	12/29/2008	12:44 PM	-1.00	5.82	.00	.98	.98	.00	.00
MB-1	12/29/2008	12:49 PM	-1.00	5.26	.00	.24	.24	.00	.00
220-7582-a-1	12/29/2008	12:55 PM	-1.00	6.72	.00	41.78	41.78	.00	.00
220-7582-a-1DU	12/29/2008	1:02 PM	-1.00	6.72	.00	41.88	41.88	.00	.00
220-7586-b-1	12/29/2008	1:10 PM	-1.00	6.96	.00	421.93	421.93	.00	.00
220-7586-b-2	12/29/2008	1:16 PM	-1.00	6.69	.00	22.65	22.65	.00	.00
220-7586-b-3	12/29/2008	1:25 PM	-1.00	6.63	.00	379.15	379.15	.00	.00
220-7586-b-4	12/29/2008	1:29 PM	-1.00	5.47	.00	.62	.62	.00	.00
220-7586-b-5	12/29/2008	1:37 PM	-1.00	6.72	.00	378.02	378.02	.00	.00
RB-3	12/29/2008	1:42 PM	-1.00	5.53	.00	.41	.41	.00	.00
LCS-2	12/29/2008	1:50 PM	-1.00	10.25	116.71	240.22	6.79	233.43	.00
220-7586-b-6	12/29/2008	1:56 PM	-1.00	6.50	.00	44.39	44.39	.00	.00
220-7588-c-1	12/29/2008	2:16 PM	-1.00	7.20	.00	2,125.43	2,125.43	.00	.00
220-7588-a-2	12/29/2008	2:24 PM	-1.00	7.62	.00	372.29	372.29	.00	.00
220-7609-a-1	12/29/2008	2:33 PM	-1.00	7.36	.00	424.10	424.10	.00	.00
220-7609-a-2	12/29/2008	2:39 PM	-1.00	6.61	.00	16.86	16.86	.00	.00
220-7609-a-3	12/29/2008	2:45 PM	-1.00	6.32	.00	3.41	3.41	.00	.00
220-7609-a-4	12/29/2008	2:50 PM	-1.00	5.05	.00	.14	.14	.00	.00
220-7654-a-1	12/29/2008	2:57 PM	-1.00	7.31	.00	198.96	198.96	.00	.00
220-7654-a-2	12/29/2008	3:04 PM	-1.00	7.44	.00	117.02	117.02	.00	.00
RB-4	12/29/2008	3:09 PM	-1.00	5.61	.00	.60	.60	.00	.00
LCS-3	12/29/2008	3:17 PM	-1.00	10.22	113.27	240.88	14.35	226.54	.00
220-7654-a-3	12/29/2008	3:24 PM	-1.00	7.34	.00	208.97	208.97	.00	.00
220-7654-a-4	12/29/2008	3:31 PM	-1.00	7.07	.00	110.89	110.89	.00	.00
220-7635-b-1	12/29/2008	3:41 PM	-1.00	7.67	.00	658.23	658.23	.00	.00
220-7635-f-2	12/29/2008	3:45 PM	-1.00	1.97	.00	.00	.00	.00	.00
220-7635-b-3	12/29/2008	3:52 PM	-1.00	7.81	.00	271.40	271.40	.00	.00
220-7635-b-3DU	12/29/2008	4:00 PM	-1.00	7.80	.00	272.05	272.05	.00	.00
RB-5	12/29/2008	4:05 PM	-1.00	5.74	.00	.61	.61	.00	.00
LCS-4	12/29/2008	4:13 PM	-1.00	10.20	111.16	241.33	19.01	222.32	.00

W4BUFF-00003
W7BUFF-00003
W10BUFF-00002

Calibration Report

Calibration Record # 778

Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	12/29/2008
Channel	1	Time	12:12 PM
Probe Type	pH	Temperature	293.26 K 20.11 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-59.833	CorrCoeff	1.0000
Intercept	30.110	Equation: Y = (59.833) X + (30.110)	

Calibration Validity **True** Operator A

	Result	Minimum	Maximum
Slope	-59.833	-63.00	-55.00
Intercept	30.110	-50.00	50.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	208.86
	7.00	31.61
	10.00	-150.14

CALRPRTLive1.SRW
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PC-Titrate For Windows
Timetable Template Report

Timetable Template:
20081229-1

Step	Schedule	Sample Id	Weight	Volume	Start Date	Start Time
1	PH CALIBRATION	4,7,10		20.00	12/29/2008	
2	PH-ALKALINITY	7.00 BUFFER		20.00	12/29/2008	
3	PH-ALKALINITY	RB-1		20.00	12/29/2008	
4	PH-ALKALINITY	LCS-1		20.00	12/29/2008	
5	PH-ALKALINITY	RB-2		20.00	12/29/2008	
6	PH-ALKALINITY	MB-1		20.00	12/29/2008	
7	PH-ALKALINITY	220-7582-a-1		20.00	12/29/2008	
8	PH-ALKALINITY	220-7582-a-1DU		20.00	12/29/2008	
9	PH-ALKALINITY	220-7586-b-1		20.00	12/29/2008	
10	PH-ALKALINITY	220-7586-b-2		20.00	12/29/2008	
11	PH-ALKALINITY	220-7586-b-3		20.00	12/29/2008	
12	PH-ALKALINITY	220-7586-b-4		20.00	12/29/2008	
13	PH-ALKALINITY	220-7586-b-5		20.00	12/29/2008	
14	PH-ALKALINITY	RB-3		20.00	12/29/2008	
15	PH-ALKALINITY	LCS-2		20.00	12/29/2008	
16	PH-ALKALINITY	220-7586-b-6		20.00	12/29/2008	
17	PH-ALKALINITY	220-7588-c-1		20.00	12/29/2008	
18	PH-ALKALINITY	220-7588-a-2		20.00	12/29/2008	
19	PH-ALKALINITY	220-7609-a-1		20.00	12/29/2008	
20	PH-ALKALINITY	220-7609-a-2		20.00	12/29/2008	
21	PH-ALKALINITY	220-7609-a-3		20.00	12/29/2008	
22	PH-ALKALINITY	220-7609-a-4		20.00	12/29/2008	
23	PH-ALKALINITY	220-7654-a-1		20.00	12/29/2008	
24	PH-ALKALINITY	220-7654-a-2		20.00	12/29/2008	
25	PH-ALKALINITY	RB-4		20.00	12/29/2008	
26	PH-ALKALINITY	LCS-3		20.00	12/29/2008	
27	PH-ALKALINITY	220-7654-a-3		20.00	12/29/2008	
28	PH-ALKALINITY	220-7654-a-4		20.00	12/29/2008	
29	PH-ALKALINITY	220-7635-b-1		20.00	12/29/2008	
30	PH-ALKALINITY	220-7635-f-2		20.00	12/29/2008	
31	PH-ALKALINITY	220-7635-b-3		20.00	12/29/2008	
32	PH-ALKALINITY	220-7635-b-3DU		20.00	12/29/2008	
33	PH-ALKALINITY	RB-5		20.00	12/29/2008	
34	PH-ALKALINITY	LCS-4		20.00	12/29/2008	

TIMETABL.SRW
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#23291 #23295
#23293 #23296
#23294

081227RL.xls

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: RJ Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
ID1	1	1	12/27/08 16:32	571606	423742	0.30	0.29		DDM	
ID1	2	1	12/27/08 16:36	563483	423742	0.29	0.29		DDM	
ID1	3	1	12/27/08 16:40	567223	423742	0.29	0.29		DDM	
ID1	4	1	12/27/08 16:43	551459	423742	0.26	0.29		DDM	
ICV	1	1	12/27/08 17:01	5113399	423742	9.57	9.93		DDM	
ICV	2	1	12/27/08 17:08	5063534	423742	9.47	9.93		DDM	
ICV	3	1	12/27/08 17:15	5576385	423742	10.52	9.93		DDM	
ICV	4	1	12/27/08 17:22	5410872	423742	10.18	9.93	9.93	DDM	
ICB	1	1	12/27/08 17:37	575954	423742	0.31	0.27		DDM	
ICB	2	1	12/27/08 17:41	550700	423742	0.26	0.27		DDM	
ICB	3	1	12/27/08 17:44	548548	423742	0.25	0.27		DDM	
ICB	4	1	12/27/08 17:48	540154	423742	0.24	0.27	0.27	DDM	
CCV	1	1	12/27/08 18:06	5488607	423742	10.34	10.18		DDM	
CCV	2	1	12/27/08 18:13	5379112	423742	10.11	10.18		DDM	
CCV	3	1	12/27/08 18:20	5382182	423742	10.12	10.18		DDM	
CCV	4	1	12/27/08 18:27	5392354	423742	10.14	10.18	10.18	DDM	
CCB	1	1	12/27/08 18:42	546448	423742	0.25	0.22		DDM	
CCB	2	1	12/27/08 18:46	540518	423742	0.24	0.22		DDM	
CCB	3	1	12/27/08 18:49	526598	423742	0.21	0.22		DDM	
CCB	4	1	12/27/08 18:53	510882	423742	0.18	0.22	0.22	DDM	
LCS@4	1	4	12/27/08 19:13	11334988	423742	22.27	21.89		DDM	
LCS@4	2	4	12/27/08 19:22	11077892	423742	21.74	21.89		DDM	
LCS@4	3	4	12/27/08 19:30	11070479	423742	21.73	21.89		DDM	
LCS@4	4	4	12/27/08 19:39	11110418	423742	21.81	21.89	87.54	DDM	T V = 82.2 mg/L
MB	1	1	12/27/08 19:54	551500	423742	0.26	0.21		DDM	
MB	2	1	12/27/08 19:58	524784	423742	0.21	0.21		DDM	
MB	3	1	12/27/08 20:01	512685	423742	0.18	0.21		DDM	
MB	4	1	12/27/08 20:05	509269	423742	0.17	0.21	0.21	DDM	
220-7561-h-1	1	1	12/27/08 20:22	784011	423742	0.74	0.48		DDM	
220-7561-h-1	2	1	12/27/08 20:27	660059	423742	0.48	0.48		DDM	
220-7561-h-1	3	1	12/27/08 20:32	604944	423742	0.37	0.48		DDM	
220-7561-h-1	4	1	12/27/08 20:37	583222	423742	0.33	0.48	0.48	DDM	
220-7561-g-1 DOC	1	1	12/27/08 20:54	1079785	423742	1.34	1.05		DDM	
220-7561-g-1 DOC	2	1	12/27/08 21:00	946949	423742	1.07	1.05		DDM	
220-7561-g-1 DOC	3	1	12/27/08 21:06	873449	423742	0.92	1.05		DDM	
220-7561-g-1 DOC	4	1	12/27/08 21:12	843832	423742	0.86	1.05	1.05	DDM	
220-7561-h-2	1	1	12/27/08 21:34	7387958	423742	14.21	13.60		DDM	
220-7561-h-2	2	1	12/27/08 21:43	7151941	423742	13.73	13.60		DDM	
220-7561-h-2	3	1	12/27/08 21:52	6889810	423742	13.20	13.60		DDM	
220-7561-h-2	4	1	12/27/08 22:01	6917415	423742	13.25	13.60	13.60	DDM	
220-7561-f-2 DOC	1	1	12/27/08 22:24	7805022	423742	15.06	14.16		DDM	
220-7561-f-2 DOC	2	1	12/27/08 22:33	7246275	423742	13.92	14.16		DDM	
220-7561-f-2 DOC	3	1	12/27/08 22:42	7202509	423742	13.83	14.16		DDM	
220-7561-f-2 DOC	4	1	12/27/08 22:51	7197678	423742	13.82	14.16	14.16	DDM	
220-7561-h-3	1	1	12/27/08 23:09	3405761	423742	6.09	5.79		DDM	
220-7561-h-3	2	1	12/27/08 23:16	3247663	423742	5.76	5.79		DDM	
220-7561-h-3	3	1	12/27/08 23:22	3194627	423742	5.65	5.79		DDM	
220-7561-h-3	4	1	12/27/08 23:29	3189879	423742	5.64	5.79	5.79	DDM	
220-7561-f-3 DOC	1	1	12/27/08 23:47	3351092	423742	5.97	5.84		DDM	
220-7561-f-3 DOC	2	1	12/27/08 23:54	3293821	423742	5.86	5.84		DDM	
220-7561-f-3 DOC	3	1	12/28/08 00:01	3263405	423742	5.79	5.84		DDM	
220-7561-f-3 DOC	4	1	12/28/08 00:08	3239154	423742	5.75	5.84	5.84	DDM	
220-7561-h-4	1	1	12/28/08 00:28	5476912	423742	10.31	9.99		DDM	
220-7561-h-4	2	1	12/28/08 00:36	5347710	423742	10.05	9.99		DDM	
220-7561-h-4	3	1	12/28/08 00:44	5214768	423742	9.78	9.99		DDM	
220-7561-h-4	4	1	12/28/08 00:52	5229267	423742	9.81	9.99	9.99	DDM	

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: RJ Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7561-g-4 DOC	1	1	12/28/08 01:12	5735842	423742	10.84	10.64		DDM	
220-7561-g-4 DOC	2	1	12/28/08 01:20	5665608	423742	10.70	10.64		DDM	
220-7561-g-4 DOC	3	1	12/28/08 01:28	5643484	423742	10.65	10.64		DDM	
220-7561-g-4 DOC	4	1	12/28/08 01:36	5513640	423742	10.39	10.64	10.64	DDM	
CCV	1	1	12/28/08 01:56	5323507	423742	10.00	9.88		DDM	
CCV	2	1	12/28/08 02:03	5278551	423742	9.91	9.88		DDM	
CCV	3	1	12/28/08 02:11	5190278	423742	9.73	9.88		DDM	
CCV	4	1	12/28/08 02:18	5263065	423742	9.88	9.88	9.88	DDM	
CCB	1	1	12/28/08 02:33	444080	423742	0.04	-0.02		DDM	
CCB	2	1	12/28/08 02:37	407937	423742	-0.03	-0.02		DDM	
CCB	3	1	12/28/08 02:40	401781	423742	-0.04	-0.02		DDM	
CCB	4	1	12/28/08 02:44	399043	423742	-0.05	-0.02	-0.02	DDM	
220-7561-h-5	1	1	12/28/08 02:59	383446	423742	-0.08	-0.08		DDM	
220-7561-h-5	2	1	12/28/08 03:02	386120	423742	-0.08	-0.08		DDM	
220-7561-h-5	3	1	12/28/08 03:05	387657	423742	-0.07	-0.08		DDM	
220-7561-h-5	4	1	12/28/08 03:09	386116	423742	-0.08	-0.08	-0.08	DDM	
220-7561-g-5 DOC	1	1	12/28/08 03:24	371625	423742	-0.11	-0.09		DDM	
220-7561-g-5 DOC	2	1	12/28/08 03:27	382058	423742	-0.09	-0.09		DDM	
220-7561-g-5 DOC	3	1	12/28/08 03:30	381798	423742	-0.09	-0.09		DDM	
220-7561-g-5 DOC	4	1	12/28/08 03:34	381743	423742	-0.09	-0.09	-0.09	DDM	
220-7561-h-6	1	1	12/28/08 04:02	3308591	423742	5.89	4.02		DDM	
220-7561-h-6	2	1	12/28/08 04:15	2544005	423742	4.33	4.02		DDM	
220-7561-h-6	3	1	12/28/08 04:27	2028189	423742	3.27	4.02		DDM	
220-7561-h-6	4	1	12/28/08 04:38	1685083	423742	2.57	4.02	4.02	DDM	
220-7561-g-6 DOC	1	1	12/28/08 05:07	3472572	423742	6.22	4.33		DDM	
220-7561-g-6 DOC	2	1	12/28/08 05:21	2773556	423742	4.80	4.33		DDM	
220-7561-g-6 DOC	3	1	12/28/08 05:33	2196749	423742	3.62	4.33		DDM	
220-7561-g-6 DOC	4	1	12/28/08 05:44	1734424	423742	2.67	4.33	4.33	DDM	
220-7562-f-1	1	1	12/28/08 06:08	2793086	423742	4.84	4.05		DDM	
220-7562-f-1	2	1	12/28/08 06:19	2442653	423742	4.12	4.05		DDM	
220-7562-f-1	3	1	12/28/08 06:30	2289769	423742	3.81	4.05		DDM	
220-7562-f-1	4	1	12/28/08 06:40	2111920	423742	3.45	4.05	4.05	DDM	
220-7562-f-2	1	1	12/28/08 07:01	2545898	423742	4.33	3.88		DDM	
220-7562-f-2	2	1	12/28/08 07:09	2329779	423742	3.89	3.88		DDM	
220-7562-f-2	3	1	12/28/08 07:17	2228802	423742	3.68	3.88		DDM	
220-7562-f-2	4	1	12/28/08 07:25	2199073	423742	3.62	3.88	3.88	DDM	
220-7562-f-3	1	1	12/28/08 07:42	977789	423742	1.13	0.98		DDM	
220-7562-f-3	2	1	12/28/08 07:47	896865	423742	0.97	0.98		DDM	
220-7562-f-3	3	1	12/28/08 07:53	876142	423742	0.92	0.98		DDM	
220-7562-f-3	4	1	12/28/08 07:59	871043	423742	0.91	0.98	0.98	DDM	
220-7562-f-4	1	1	12/28/08 08:14	431582	423742	0.02	-0.09		DDM	
220-7562-f-4	2	1	12/28/08 08:17	385513	423742	-0.08	-0.09		DDM	
220-7562-f-4	3	1	12/28/08 08:21	359213	423742	-0.13	-0.09		DDM	
220-7562-f-4	4	1	12/28/08 08:24	334398	423742	-0.18	-0.09	-0.09	DDM	
220-7562-f-5	1	1	12/28/08 08:40	424671	423742	0.00	-0.18		DDM	
220-7562-f-5	2	1	12/28/08 08:43	322441	423742	-0.21	-0.18		DDM	
220-7562-f-5	3	1	12/28/08 08:47	289009	423742	-0.27	-0.18		DDM	
220-7562-f-5	4	1	12/28/08 08:50	296549	423742	-0.26	-0.18	-0.18	DDM	
220-7562-g-5 DU	1	1	12/28/08 09:06	453530	423742	0.06	-0.17		DDM	
220-7562-g-5 DU	2	1	12/28/08 09:10	333923	423742	-0.18	-0.17		DDM	
220-7562-g-5 DU	3	1	12/28/08 09:13	277100	423742	-0.30	-0.17		DDM	
220-7562-g-5 DU	4	1	12/28/08 09:16	295404	423742	-0.26	-0.17	-0.17	DDM	
CCV	1	1	12/28/08 09:36	5231762	423742	9.81	9.67		DDM	
CCV	2	1	12/28/08 09:43	5165587	423742	9.68	9.67		DDM	
CCV	3	1	12/28/08 09:51	5131447	423742	9.61	9.67		DDM	
CCV	4	1	12/28/08 09:58	5129651	423742	9.60	9.67	9.67	DDM	

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: BD Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
CCB	1	1	12/28/08 10:14	356564	423742	-0.14	-0.19		DDM	
CCB	2	1	12/28/08 10:17	323692	423742	-0.20	-0.19		DDM	
CCB	3	1	12/28/08 10:20	325692	423742	-0.20	-0.19		DDM	
CCB	4	1	12/28/08 10:24	314859	423742	-0.22	-0.19	-0.19	DDM	
220-7562-f-5 ms	1	1	12/28/08 10:45	10280450	423742	20.11	19.81		DDM	
220-7562-f-5 ms	2	1	12/28/08 10:54	10138638	423742	19.83	19.81		DDM	
220-7562-f-5 ms	3	1	12/28/08 11:04	10050859	423742	19.65	19.81		DDM	
220-7562-f-5 ms	4	1	12/28/08 11:13	10052862	423742	19.65	19.81	19.81	DDM	S A = 20.0 mg/L
220-7562-f-5 msd	1	1	12/28/08 11:34	10148810	423742	19.85	19.59		DDM	
220-7562-f-5 msd	2	1	12/28/08 11:44	10017976	423742	19.58	19.59		DDM	
220-7562-f-5 msd	3	1	12/28/08 11:53	9991880	423742	19.53	19.59		DDM	
220-7562-f-5 msd	4	1	12/28/08 12:03	9940295	423742	19.42	19.59	19.59	DDM	S A = 20.0 mg/L
220-7578-j-1	1	1	12/28/08 12:26	1689599	423742	2.58	0.89		DDM	
220-7578-j-1	2	1	12/28/08 12:36	1233358	423742	1.65	0.89		DDM	
220-7578-j-1	3	1	12/28/08 12:40	286789	423742	-0.28	0.89		DDM	
220-7578-j-1	4	1	12/28/08 12:43	228644	423742	-0.40	0.89	0.89	DDM	
220-7578-j-2	1	1	12/28/08 13:06	1666687	423742	2.54	0.91		DDM	
220-7578-j-2	2	1	12/28/08 13:16	1273798	423742	1.73	0.91		DDM	
220-7578-j-2	3	1	12/28/08 13:20	322618	423742	-0.21	0.91		DDM	
220-7578-j-2	4	1	12/28/08 13:23	221346	423742	-0.41	0.91	0.91	DDM	
220-7578-j-3	1	1	12/28/08 13:41	776953	423742	0.72	0.45		DDM	
220-7578-j-3	2	1	12/28/08 13:47	627157	423742	0.42	0.45		DDM	
220-7578-j-3	3	1	12/28/08 13:53	585743	423742	0.33	0.45		DDM	
220-7578-j-3	4	1	12/28/08 13:59	591325	423742	0.34	0.45	0.45	DDM	
LCS@4	1	4	12/28/08 14:20	10665779	423742	20.90	20.75		DDM	
LCS@4	2	4	12/28/08 14:30	10595970	423742	20.76	20.75		DDM	
LCS@4	3	4	12/28/08 14:40	10554640	423742	20.67	20.75		DDM	
LCS@4	4	4	12/28/08 14:50	10546361	423742	20.66	20.75	82.99	DDM	T V = 82.2 mg/L
MB	1	1	12/28/08 15:05	318859	423742	-0.21	-0.28		DDM	
MB	2	1	12/28/08 15:08	283860	423742	-0.29	-0.28		DDM	
MB	3	1	12/28/08 15:11	279768	423742	-0.29	-0.28		DDM	
MB	4	1	12/28/08 15:15	272779	423742	-0.31	-0.28	-0.28	DDM	
220-7578-j-4	1	1	12/28/08 15:35	1774885	423742	2.76	2.22		DDM	
220-7578-j-4	2	1	12/28/08 15:43	1529506	423742	2.26	2.22		DDM	
220-7578-j-4	3	1	12/28/08 15:50	1391576	423742	1.98	2.22		DDM	
220-7578-j-4	4	1	12/28/08 15:57	1355794	423742	1.90	2.22	2.22	DDM	
220-7578-j-5	1	1	12/28/08 16:23	1636464	423742	2.47	0.57		DDM	
220-7578-j-5	2	1	12/28/08 16:27	450786	423742	0.06	0.57		DDM	
220-7578-j-5	3	1	12/28/08 16:30	363009	423742	-0.12	0.57		DDM	
220-7578-j-5	4	1	12/28/08 16:34	366113	423742	-0.12	0.57	0.57	DDM	
220-7586-f-1	1	1	12/28/08 16:59	3640064	423742	6.56	5.45		DDM	
220-7586-f-1	2	1	12/28/08 17:11	3121280	423742	5.50	5.45		DDM	
220-7586-f-1	3	1	12/28/08 17:23	2885413	423742	5.02	5.45		DDM	
220-7586-f-1	4	1	12/28/08 17:34	2735052	423742	4.72	5.45	5.45	DDM	
CCV	1	1	12/28/08 17:54	5283103	423742	9.92	9.83		DDM	
CCV	2	1	12/28/08 18:01	5252467	423742	9.85	9.83		DDM	
CCV	3	1	12/28/08 18:09	5214765	423742	9.78	9.83		DDM	
CCV	4	1	12/28/08 18:17	5210534	423742	9.77	9.83	9.83	DDM	
CCB	1	1	12/28/08 18:32	448969	423742	0.05	-0.01		DDM	
CCB	2	1	12/28/08 18:35	414472	423742	-0.02	-0.01		DDM	
CCB	3	1	12/28/08 18:39	403766	423742	-0.04	-0.01		DDM	
CCB	4	1	12/28/08 18:42	398375	423742	-0.05	-0.01	-0.01	DDM	
220-7586-f-2	1	1	12/28/08 18:58	642920	423742	0.45	0.33		DDM	
220-7586-f-2	2	1	12/28/08 19:03	582274	423742	0.32	0.33		DDM	
220-7586-f-2	3	1	12/28/08 19:08	566374	423742	0.29	0.33		DDM	
220-7586-f-2	4	1	12/28/08 19:13	556910	423742	0.27	0.33	0.33	DDM	

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: AP Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7586-d-2 DU	1	1	12/28/08 19:30	631618	423742	0.42	0.34		DDM	
220-7586-d-2 DU	2	1	12/28/08 19:34	588549	423742	0.34	0.34		DDM	
220-7586-d-2 DU	3	1	12/28/08 19:39	573853	423742	0.31	0.34		DDM	
220-7586-d-2 DU	4	1	12/28/08 19:44	569008	423742	0.30	0.34	0.34	DDM	
220-7586-d-2 MS	1	1	12/28/08 20:06	10427752	423742	20.42	20.23		DDM	
220-7586-d-2 MS	2	1	12/28/08 20:15	10342478	423742	20.24	20.23		DDM	
220-7586-d-2 MS	3	1	12/28/08 20:25	10276243	423742	20.11	20.23		DDM	
220-7586-d-2 MS	4	1	12/28/08 20:34	10308946	423742	20.17	20.23	20.23	DDM	S A = 20.0 mg/L
220-7586-f-3	1	1	12/28/08 21:02	5586652	423742	10.54	9.23		DDM	
220-7586-f-3	2	1	12/28/08 21:16	4991133	423742	9.32	9.23		DDM	
220-7586-f-3	3	1	12/28/08 21:30	4678364	423742	8.68	9.23		DDM	
220-7586-f-3	4	1	12/28/08 21:43	4532969	423742	8.39	9.23	9.23	DDM	
220-7586-f-4	1	1	12/28/08 21:59	751509	423742	0.67	0.59		DDM	
220-7586-f-4	2	1	12/28/08 22:04	704054	423742	0.57	0.59		DDM	
220-7586-f-4	3	1	12/28/08 22:09	705600	423742	0.58	0.59		DDM	
220-7586-f-4	4	1	12/28/08 22:14	691526	423742	0.55	0.59	0.59	DDM	
220-7586-f-5	1	1	12/28/08 22:41	5426298	423742	10.21	9.00		DDM	
220-7586-f-5	2	1	12/28/08 22:55	4964778	423742	9.27	9.00		DDM	
220-7586-f-5	3	1	12/28/08 23:08	4603550	423742	8.53	9.00		DDM	
220-7586-f-5	4	1	12/28/08 23:21	4341333	423742	7.99	9.00	9.00	DDM	
220-7586-f-6	1	1	12/28/08 23:37	547658	423742	0.25	-0.10		DDM	
220-7586-f-6	2	1	12/28/08 23:41	375324	423742	-0.10	-0.10		DDM	
220-7586-f-6	3	1	12/28/08 23:44	279239	423742	-0.29	-0.10		DDM	
220-7586-f-6	4	1	12/28/08 23:47	301157	423742	-0.25	-0.10	-0.10	DDM	
220-7588-i-1@20	1	20	12/29/08 00:09	6197629	423742	11.78	11.68		DDM	
220-7588-i-1@20	2	20	12/29/08 00:19	6277745	423742	11.95	11.68		DDM	
220-7588-i-1@20	3	20	12/29/08 00:29	6096981	423742	11.58	11.68		DDM	
220-7588-i-1@20	4	20	12/29/08 00:38	6013740	423742	11.41	11.68	233.57	DDM	
220-7588-i-2	1	1	12/29/08 00:54	431557	423742	0.02	-0.09		DDM	
220-7588-i-2	2	1	12/29/08 00:57	364758	423742	-0.12	-0.09		DDM	
220-7588-i-2	3	1	12/29/08 01:00	361821	423742	-0.13	-0.09		DDM	
220-7588-i-2	4	1	12/29/08 01:04	365307	423742	-0.12	-0.09	-0.09	DDM	
220-7609-f-1	1	1	12/29/08 01:31	3697466	423742	6.68	5.35		DDM	
220-7609-f-1	2	1	12/29/08 01:45	3224574	423742	5.72	5.35		DDM	
220-7609-f-1	3	1	12/29/08 01:58	2791436	423742	4.83	5.35		DDM	
220-7609-f-1	4	1	12/29/08 02:11	2462608	423742	4.16	5.35	5.35	DDM	
CCV	1	1	12/29/08 02:30	5473839	423742	10.31	10.18		DDM	
CCV	2	1	12/29/08 02:38	5412002	423742	10.18	10.18		DDM	
CCV	3	1	12/29/08 02:47	5381743	423742	10.12	10.18		DDM	
CCV	4	1	12/29/08 02:55	5373861	423742	10.10	10.18	10.18	DDM	
CCB	1	1	12/29/08 03:10	400502	423742	-0.05	-0.14		DDM	
CCB	2	1	12/29/08 03:14	363389	423742	-0.12	-0.14		DDM	
CCB	3	1	12/29/08 03:17	332628	423742	-0.19	-0.14		DDM	
CCB	4	1	12/29/08 03:20	327955	423742	-0.20	-0.14	-0.14	DDM	
220-7609-f-2	1	1	12/29/08 03:36	388562	423742	-0.07	-0.21		DDM	
220-7609-f-2	2	1	12/29/08 03:39	272413	423742	-0.31	-0.21		DDM	
220-7609-f-2	3	1	12/29/08 03:42	303866	423742	-0.24	-0.21		DDM	
220-7609-f-2	4	1	12/29/08 03:45	311688	423742	-0.23	-0.21	-0.21	DDM	
220-7609-f-3	1	1	12/29/08 04:00	329203	423742	-0.19	-0.20		DDM	
220-7609-f-3	2	1	12/29/08 04:04	323447	423742	-0.20	-0.20		DDM	
220-7609-f-3	3	1	12/29/08 04:07	323429	423742	-0.20	-0.20		DDM	
220-7609-f-3	4	1	12/29/08 04:10	324603	423742	-0.20	-0.20	-0.20	DDM	
220-7609-f-4	1	1	12/29/08 04:26	395638	423742	-0.06	-0.18		DDM	
220-7609-f-4	2	1	12/29/08 04:29	326824	423742	-0.20	-0.18		DDM	
220-7609-f-4	3	1	12/29/08 04:32	297742	423742	-0.26	-0.18		DDM	
220-7609-f-4	4	1	12/29/08 04:36	314220	423742	-0.22	-0.18	-0.18	DDM	

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: RJ Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7613-h-1	1	1	12/29/08 04:51	349094	423742	-0.15	-0.20		DDM	
220-7613-h-1	2	1	12/29/08 04:54	307834	423742	-0.24	-0.20		DDM	
220-7613-h-1	3	1	12/29/08 04:57	318824	423742	-0.21	-0.20		DDM	
220-7613-h-1	4	1	12/29/08 05:01	327325	423742	-0.20	-0.20	-0.20	DDM	
220-7613-g-2	1	1	12/29/08 05:16	392305	423742	-0.06	-0.19		DDM	
220-7613-g-2	2	1	12/29/08 05:19	305635	423742	-0.24	-0.19		DDM	
220-7613-g-2	3	1	12/29/08 05:22	306835	423742	-0.24	-0.19		DDM	
220-7613-g-2	4	1	12/29/08 05:26	323899	423742	-0.20	-0.19	-0.19	DDM	
220-7613-h-3	1	1	12/29/08 05:44	727089	423742	0.62	0.05		DDM	
220-7613-h-3	2	1	12/29/08 05:48	440973	423742	0.04	0.05		DDM	
220-7613-h-3	3	1	12/29/08 05:52	306192	423742	-0.24	0.05		DDM	
220-7613-h-3	4	1	12/29/08 05:55	319609	423742	-0.21	0.05	0.05	DDM	
220-7613-g-4	1	1	12/29/08 06:30	29561465	423742	59.46	58.55		DDM	
220-7613-g-4	2	1	12/29/08 06:51	28958471	423742	58.23	58.55		DDM	
220-7613-g-4	3	1	12/29/08 07:12	28916176	423742	58.14	58.55		DDM	
220-7613-g-4	4	1	12/29/08 07:32	29031200	423742	58.38	58.55	58.55	DDM	
220-7613-j-5	1	1	12/29/08 07:48	906021	423742	0.98	0.92		DDM	
220-7613-j-5	2	1	12/29/08 07:53	875668	423742	0.92	0.92		DDM	
220-7613-j-5	3	1	12/29/08 07:58	854296	423742	0.88	0.92		DDM	
220-7613-j-5	4	1	12/29/08 08:03	853099	423742	0.88	0.92	0.92	DDM	
220-7613-h-6	1	1	12/29/08 08:18	336134	423742	-0.18	-0.33		DDM	
220-7613-h-6	2	1	12/29/08 08:21	236871	423742	-0.38	-0.33		DDM	
220-7613-h-6	3	1	12/29/08 08:24	238341	423742	-0.38	-0.33		DDM	
220-7613-h-6	4	1	12/29/08 08:27	242338	423742	-0.37	-0.33	-0.33	DDM	
LCS@4	1	4	12/29/08 08:49	11449034	423742	22.50	22.22		DDM	
LCS@4	2	4	12/29/08 08:58	11214822	423742	22.02	22.22		DDM	
LCS@4	3	4	12/29/08 09:07	11259622	423742	22.11	22.22		DDM	
LCS@4	4	4	12/29/08 09:15	11317025	423742	22.23	22.22	88.86	DDM	T V = 82.2 mg/L
CCV	1	1	12/29/08 09:35	5639538	423742	10.64	10.30		DDM	
CCV	2	1	12/29/08 09:42	5304551	423742	9.96	10.30		DDM	
CCV	3	1	12/29/08 09:50	5447264	423742	10.25	10.30		DDM	
CCV	4	1	12/29/08 09:58	5493938	423742	10.35	10.30	10.30	DDM	
CCB	1	1	12/29/08 10:13	373217	423742	-0.10	-0.14		DDM	
CCB	2	1	12/29/08 10:17	362939	423742	-0.12	-0.14		DDM	
CCB	3	1	12/29/08 10:20	344289	423742	-0.16	-0.14		DDM	
CCB	4	1	12/29/08 10:24	340651	423742	-0.17	-0.14	-0.14	DDM	
MB	1	1	12/29/08 10:39	429589	423742	0.01	-0.06		DDM	
MB	2	1	12/29/08 10:43	392425	423742	-0.06	-0.06		DDM	
MB	3	1	12/29/08 10:46	379730	423742	-0.09	-0.06		DDM	
MB	4	1	12/29/08 10:50	375790	423742	-0.10	-0.06	-0.06	DDM	
220-7613-h-8	1	1	12/29/08 11:33	90716783	423742	184.26	46.83		DDM	Rerun follows
220-7613-h-8	2	1	12/29/08 11:36	-52913	423742	-0.97	46.83		DDM	Rerun follows
220-7613-h-8	3	1	12/29/08 11:39	1384500	423742	1.96	46.83		DDM	Rerun follows
220-7613-h-8	4	1	12/29/08 11:43	1437741	423742	2.07	46.83		DDM	Rerun follows
220-7589-v-1	1	1	12/29/08 11:58	-4443825	423742	-9.93	-2.20		DDM	Rerun follows
220-7589-v-1	2	1	12/29/08 12:01	594375	423742	0.35	-2.20		DDM	Rerun follows
220-7589-v-1	3	1	12/29/08 12:05	600751	423742	0.36	-2.20		DDM	Rerun follows
220-7589-v-1	4	1	12/29/08 12:08	639820	423742	0.44	-2.20		DDM	Rerun follows
220-7617-a-1@1000	1	1000	12/29/08 12:23	-2523633	423742	-6.01	-2.76		DDM	
220-7617-a-1@1000	2	1000	12/29/08 12:26	-770526	423742	-2.44	-2.76		DDM	
220-7617-a-1@1000	3	1000	12/29/08 12:29	-233730	423742	-1.34	-2.76		DDM	
220-7617-a-1@1000	4	1000	12/29/08 12:32	-178052	423742	-1.23	-2.76		DDM	
220-7617-a-2@1000	1	1000	12/29/08 12:52	6519208	423742	12.44	12.19		DDM	
220-7617-a-2@1000	2	1000	12/29/08 13:00	6208980	423742	11.81	12.19		DDM	
220-7617-a-2@1000	3	1000	12/29/08 13:07	6282129	423742	11.96	12.19		DDM	
220-7617-a-2@1000	4	1000	12/29/08 13:15	6580357	423742	12.56	12.19	12191.02	DDM	

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: _____ Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

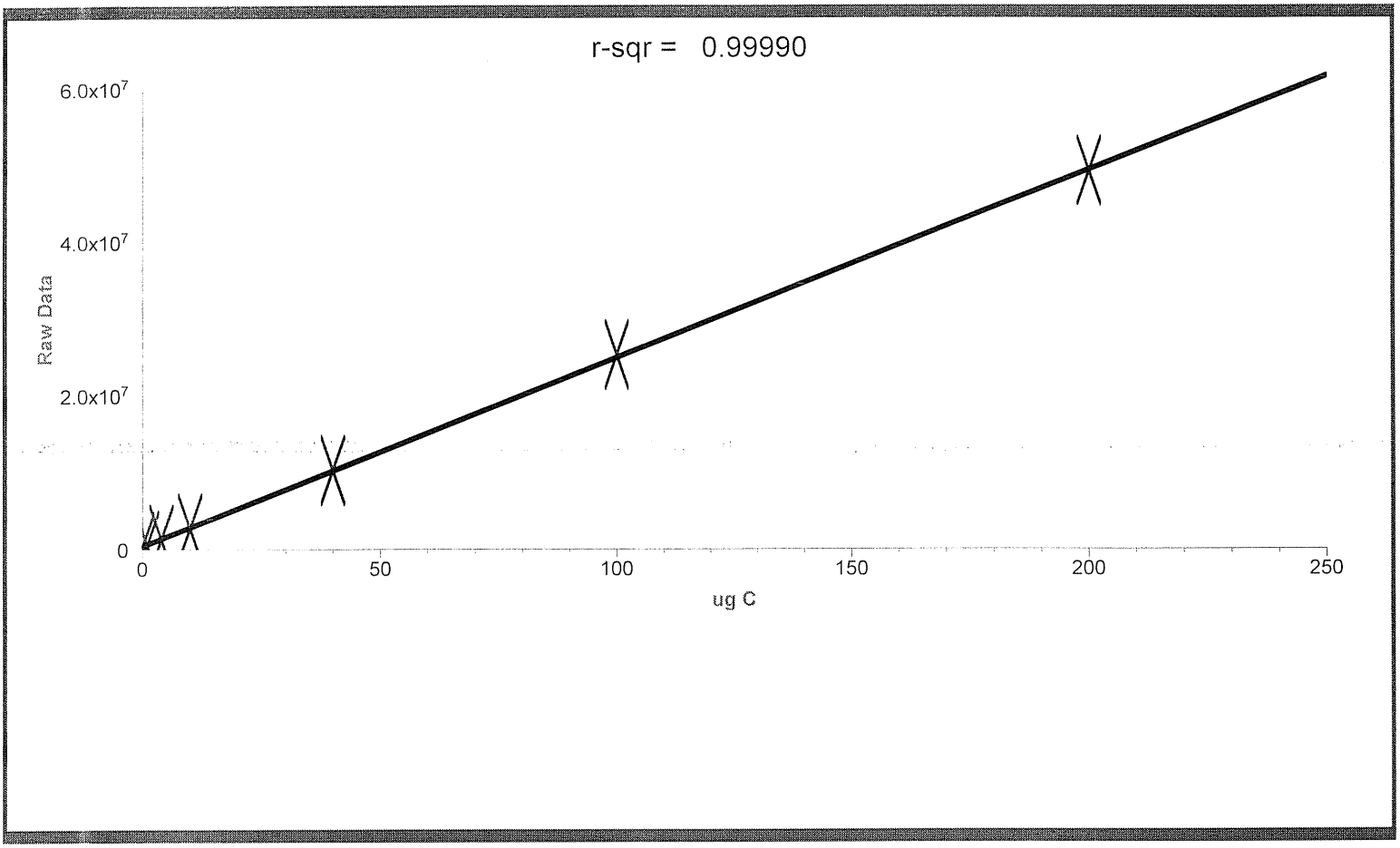
Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7617-a-3@1000	1	1000	12/29/08 13:36	6403241	423742	12.20	12.15		DDM	
220-7617-a-3@1000	2	1000	12/29/08 13:43	6320187	423742	12.03	12.15		DDM	
220-7617-a-3@1000	3	1000	12/29/08 13:51	6349713	423742	12.09	12.15		DDM	
220-7617-a-3@1000	4	1000	12/29/08 14:00	6440945	423742	12.28	12.15	12151.95	DDM	
220-7654-e-1	1	1	12/29/08 14:15	350506	423742	-0.15	-0.27		DDM	
220-7654-e-1	2	1	12/29/08 14:18	264367	423742	-0.33	-0.27		DDM	
220-7654-e-1	3	1	12/29/08 14:21	274341	423742	-0.30	-0.27		DDM	
220-7654-e-1	4	1	12/29/08 14:25	271712	423742	-0.31	-0.27	-0.27	DDM	
220-7654-f-1 DU	1	1	12/29/08 14:40	339102	423742	-0.17	-0.27		DDM	
220-7654-f-1 DU	2	1	12/29/08 14:43	279419	423742	-0.29	-0.27		DDM	
220-7654-f-1 DU	3	1	12/29/08 14:46	275418	423742	-0.30	-0.27		DDM	
220-7654-f-1 DU	4	1	12/29/08 14:50	272058	423742	-0.31	-0.27	-0.27	DDM	
220-7654-a-1 MS	1	1	12/29/08 15:22	10706326	423742	20.98	18.51		DDM	
220-7654-a-1 MS	2	1	12/29/08 15:38	9522203	423742	18.57	18.51		DDM	
220-7654-a-1 MS	3	1	12/29/08 15:53	9163691	423742	17.84	18.51		DDM	
220-7654-a-1 MS	4	1	12/29/08 16:08	8583167	423742	16.65	18.51	18.51	DDM	S A = 20.0 mg/L
220-7654-f-2	1	1	12/29/08 16:26	1485029	423742	2.17	1.86		DDM	
220-7654-f-2	2	1	12/29/08 16:33	1313020	423742	1.81	1.86		DDM	
220-7654-f-2	3	1	12/29/08 16:39	1263029	423742	1.71	1.86		DDM	
220-7654-f-2	4	1	12/29/08 16:46	1283939	423742	1.76	1.86	1.86	DDM	
CCV	1	1	12/29/08 17:05	5639233	423742	10.64	10.68		DDM	
CCV	2	1	12/29/08 17:14	5639210	423742	10.64	10.68		DDM	
CCV	3	1	12/29/08 17:22	5673764	423742	10.71	10.68		DDM	
CCV	4	1	12/29/08 17:31	5679428	423742	10.73	10.68	10.68	DDM	
CCB	1	1	12/29/08 17:46	381407	423742	-0.09	-0.08		DDM	
CCB	2	1	12/29/08 17:49	386995	423742	-0.07	-0.08		DDM	
CCB	3	1	12/29/08 17:53	373217	423742	-0.10	-0.08		DDM	
CCB	4	1	12/29/08 17:56	387865	423742	-0.07	-0.08	-0.08	DDM	
220-7654-e-3	1	1	12/29/08 18:23	1517085	423742	2.23	0.42		DDM	
220-7654-e-3	2	1	12/29/08 18:26	368447	423742	-0.11	0.42		DDM	
220-7654-e-3	3	1	12/29/08 18:30	311844	423742	-0.23	0.42		DDM	
220-7654-e-3	4	1	12/29/08 18:33	328412	423742	-0.19	0.42	0.42	DDM	
220-7654-f-4	1	1	12/29/08 18:51	1707821	423742	2.62	2.42		DDM	
220-7654-f-4	2	1	12/29/08 18:57	1613143	423742	2.43	2.42		DDM	
220-7654-f-4	3	1	12/29/08 19:03	1559464	423742	2.32	2.42		DDM	
220-7654-f-4	4	1	12/29/08 19:09	1556902	423742	2.31	2.42	2.42	DDM	
220-7589-w-1	1	1	12/29/08 19:24	555270	423742	0.27	0.48		DDM	
220-7589-w-1	2	1	12/29/08 19:27	770086	423742	0.71	0.48		DDM	
220-7589-w-1	3	1	12/29/08 19:31	673030	423742	0.51	0.48		DDM	
220-7589-w-1	4	1	12/29/08 19:34	633521	423742	0.43	0.48	0.48	DDM	
220-7613-h-8@5	1	5	12/29/08 19:48	-236645	423742	-1.35	-0.56		DDM	Rerun follows
220-7613-h-8@5	2	5	12/29/08 19:52	180224	423742	-0.50	-0.56		DDM	Rerun follows
220-7613-h-8@5	3	5	12/29/08 19:55	338647	423742	-0.17	-0.56		DDM	Rerun follows
220-7613-h-8@5	4	5	12/29/08 19:58	315894	423742	-0.22	-0.56		DDM	Rerun follows
220-7617-a-1@5000	1	5000	12/29/08 20:17	3941150	423742	7.18	7.86		DDM	
220-7617-a-1@5000	2	5000	12/29/08 20:24	4433266	423742	8.18	7.86		DDM	
220-7617-a-1@5000	3	5000	12/29/08 20:31	4315829	423742	7.94	7.86		DDM	
220-7617-a-1@5000	4	5000	12/29/08 20:38	4405956	423742	8.13	7.86	39286.73	DDM	
220-7635-j-1	1	1	12/29/08 20:55	1379531	423742	1.95	1.52		DDM	
220-7635-j-1	2	1	12/29/08 21:00	1109370	423742	1.40	1.52		DDM	
220-7635-j-1	3	1	12/29/08 21:05	1061994	423742	1.30	1.52		DDM	
220-7635-j-1	4	1	12/29/08 21:10	1116598	423742	1.41	1.52	1.52	DDM	
220-7635-j-2	1	1	12/29/08 21:26	800023	423742	0.77	0.61		DDM	
220-7635-j-2	2	1	12/29/08 21:30	704448	423742	0.57	0.61		DDM	
220-7635-j-2	3	1	12/29/08 21:35	691629	423742	0.55	0.61		DDM	
220-7635-j-2	4	1	12/29/08 21:39	690383	423742	0.54	0.61	0.61	DDM	

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: _____ Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7635-j-3	1	1	12/29/08 21:55	681727	423742	0.53	0.42		DDM	
220-7635-j-3	2	1	12/29/08 21:59	618826	423742	0.40	0.42		DDM	
220-7635-j-3	3	1	12/29/08 22:04	616250	423742	0.39	0.42		DDM	
220-7635-j-3	4	1	12/29/08 22:08	609212	423742	0.38	0.42	0.42	DDM	
220-7661-c-18	1	1	12/29/08 22:27	1954421	423742	3.12	2.80		DDM	
220-7661-c-18	2	1	12/29/08 22:34	1793310	423742	2.79	2.80		DDM	
220-7661-c-18	3	1	12/29/08 22:40	1739978	423742	2.69	2.80		DDM	
220-7661-c-18	4	1	12/29/08 22:47	1695889	423742	2.60	2.80	2.80	DDM	
LCS@4	1	4	12/29/08 23:08	11029102	423742	21.64	21.16		DDM	
LCS@4	2	4	12/29/08 23:17	10819608	423742	21.21	21.16		DDM	
LCS@4	3	4	12/29/08 23:26	10684532	423742	20.94	21.16		DDM	
LCS@4	4	4	12/29/08 23:36	10642687	423742	20.85	21.16	84.65	DDM	T V = 82.2 mg/L
CCV	1	1	12/29/08 23:56	5436663	423742	10.23	9.82		DDM	
CCV	2	1	12/30/08 00:04	5019203	423742	9.38	9.82		DDM	
CCV	3	1	12/30/08 00:13	5195510	423742	9.74	9.82		DDM	
CCV	4	1	12/30/08 00:21	5287076	423742	9.92	9.82	9.82	DDM	
CCB	1	1	12/30/08 00:36	356272	423742	-0.14	-0.20		DDM	
CCB	2	1	12/30/08 00:40	325345	423742	-0.20	-0.20		DDM	
CCB	3	1	12/30/08 00:43	307883	423742	-0.24	-0.20		DDM	
CCB	4	1	12/30/08 00:47	305769	423742	-0.24	-0.20	-0.20	DDM	
MB	1	1	12/30/08 01:02	335373	423742	-0.18	-0.23		DDM	
MB	2	1	12/30/08 01:05	307406	423742	-0.24	-0.23		DDM	
MB	3	1	12/30/08 01:09	299583	423742	-0.25	-0.23		DDM	
MB	4	1	12/30/08 01:12	293161	423742	-0.27	-0.23	-0.23	DDM	
220-7649-a-1@200	1	200	12/30/08 01:33	14196606	423742	28.11	29.98		DDM	
220-7649-a-1@200	2	200	12/30/08 01:41	15804339	423742	31.39	29.98		DDM	
220-7649-a-1@200	3	200	12/30/08 01:49	15304612	423742	30.37	29.98		DDM	
220-7649-a-1@200	4	200	12/30/08 01:57	15150181	423742	30.05	29.98	5995.67	DDM	
220-7649-a-2@200	1	200	12/30/08 02:17	12098228	423742	23.82	25.82		DDM	
220-7649-a-2@200	2	200	12/30/08 02:25	13701283	423742	27.10	25.82		DDM	
220-7649-a-2@200	3	200	12/30/08 02:32	13349451	423742	26.38	25.82		DDM	
220-7649-a-2@200	4	200	12/30/08 02:40	13149427	423742	25.97	25.82	5163.33	DDM	
220-7649-a-3@200	1	200	12/30/08 02:59	11758112	423742	23.13	24.71		DDM	
220-7649-a-3@200	2	200	12/30/08 03:07	12941243	423742	25.54	24.71		DDM	
220-7649-a-3@200	3	200	12/30/08 03:15	12803153	423742	25.26	24.71		DDM	
220-7649-a-3@200	4	200	12/30/08 03:23	12634489	423742	24.92	24.71	4942.79	DDM	
220-7649-a-3 DU@200	1	200	12/30/08 03:42	11435273	423742	22.47	24.45		DDM	
220-7649-a-3 DU@200	2	200	12/30/08 03:50	13009863	423742	25.68	24.45		DDM	
220-7649-a-3 DU@200	3	200	12/30/08 03:58	12704087	423742	25.06	24.45		DDM	
220-7649-a-3 DU@200	4	200	12/30/08 04:06	12474409	423742	24.59	24.45	4890.41	DDM	
220-7649-a-3 MS@200	1	200	12/30/08 04:29	21079900	423742	42.15	44.25		DDM	
220-7649-a-3 MS@200	2	200	12/30/08 04:40	22791506	423742	45.65	44.25		DDM	
220-7649-a-3 MS@200	3	200	12/30/08 04:51	22395545	423742	44.84	44.25		DDM	
220-7649-a-3 MS@200	4	200	12/30/08 05:01	22165453	423742	44.37	44.25	8850.28	DDM	S A = 4000 mg/L
220-7649-a-4@200	1	200	12/30/08 05:21	15033715	423742	29.81	31.78		DDM	
220-7649-a-4@200	2	200	12/30/08 05:30	16486732	423742	32.78	31.78		DDM	
220-7649-a-4@200	3	200	12/30/08 05:38	16255071	423742	32.31	31.78		DDM	
220-7649-a-4@200	4	200	12/30/08 05:46	16217027	423742	32.23	31.78	6356.55	DDM	
220-7649-a-5@200	1	200	12/30/08 06:05	16521343	423742	32.85	35.32		DDM	
220-7649-a-5@200	2	200	12/30/08 06:14	18728596	423742	37.35	35.32		DDM	
220-7649-a-5@200	3	200	12/30/08 06:22	17781348	423742	35.42	35.32		DDM	
220-7649-a-5@200	4	200	12/30/08 06:30	17891251	423742	35.65	35.32	7063.65	DDM	
220-7649-a-6@200	1	200	12/30/08 06:49	14910591	423742	29.56	31.86		DDM	
220-7649-a-6@200	2	200	12/30/08 06:57	17018082	423742	33.86	31.86		DDM	
220-7649-a-6@200	3	200	12/30/08 07:05	16111498	423742	32.01	31.86		DDM	
220-7649-a-6@200	4	200	12/30/08 07:13	16097345	423742	31.99	31.86	6371.34	DDM	

Report # 081227 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: _____ Date: 12/30/08 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00009

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7649-a-7@200	1	200	12/30/08 07:32	14557069	423742	28.84	31.54		DDM	
220-7649-a-7@200	2	200	12/30/08 07:40	16712818	423742	33.24	31.54		DDM	
220-7649-a-7@200	3	200	12/30/08 07:48	16309290	423742	32.42	31.54		DDM	
220-7649-a-7@200	4	200	12/30/08 07:56	15928982	423742	31.64	31.54	6307.13	DDM	
CCV	1	1	12/30/08 08:16	5527363	423742	10.41	10.21		DDM	
CCV	2	1	12/30/08 08:23	5390141	423742	10.13	10.21		DDM	
CCV	3	1	12/30/08 08:31	5386456	423742	10.13	10.21		DDM	
CCV	4	1	12/30/08 08:39	5396451	423742	10.15	10.21	10.21	DDM	
CCB	1	1	12/30/08 08:54	319749	423742	-0.21	-0.23		DDM	
CCB	2	1	12/30/08 08:57	311052	423742	-0.23	-0.23		DDM	
CCB	3	1	12/30/08 09:01	307617	423742	-0.24	-0.23		DDM	
CCB	4	1	12/30/08 09:04	311373	423742	-0.23	-0.23	-0.23	DDM	
220-7649-a-8@200	1	200	12/30/08 09:23	12553441	423742	24.75	27.18		DDM	
220-7649-a-8@200	2	200	12/30/08 09:30	14225164	423742	28.16	27.18		DDM	
220-7649-a-8@200	3	200	12/30/08 09:37	14230989	423742	28.18	27.18		DDM	
220-7649-a-8@200	4	200	12/30/08 09:44	13963921	423742	27.63	27.18	5436.29	DDM	
220-7613-j-1@20	1	20	12/30/08 10:08	31400967	423742	63.22	62.73		DDM	
220-7613-j-1@20	2	20	12/30/08 10:21	31107245	423742	62.62	62.73		DDM	
220-7613-j-1@20	3	20	12/30/08 10:33	31082345	423742	62.57	62.73		DDM	
220-7613-j-1@20	4	20	12/30/08 10:46	31069810	423742	62.54	62.73	1254.68	DDM	
CCV	1	1	12/30/08 11:05	5388887	423742	10.13	10.09		DDM	
CCV	2	1	12/30/08 11:13	5374530	423742	10.10	10.09		DDM	
CCV	3	1	12/30/08 11:20	5381263	423742	10.12	10.09		DDM	
CCV	4	1	12/30/08 11:28	5333446	423742	10.02	10.09	10.09	DDM	
CCB	1	1	12/30/08 11:43	296644	423742	-0.26	-0.28		DDM	
CCB	2	1	12/30/08 11:46	280106	423742	-0.29	-0.28		DDM	
CCB	3	1	12/30/08 11:49	283967	423742	-0.29	-0.28		DDM	
CCB	4	1	12/30/08 11:53	285584	423742	-0.28	-0.28	-0.28	DDM	


r-sqr = 0.99990
6.0x10^7
4.0x10^7
2.0x10^7
0
Raw Data
0
50
100
150
200
250
ug C

Calibration Report Print Date/Time: 2008/12/30 12:38:18
Instrument: TOC1/STLCT

Cal. Curve ID: WTOCSTDSTK_00007
Created: 2008/10/16 07:53
Calibration Factor (m): 2.450e+05
Y Intercept (b): 409859
r-squared: 0.99990

In Use	Standard ID	Y Raw Data	X Expected ug C/N	Measured ug C/N	Message	Date & Time
X	0.00 ppm	397052	0.000	-0.052		2008/10/15 15:58
X	0.50 ppm	569370	1.000	0.651		2008/10/15 16:27
X	2.00 ppm	1330565	4.000	3.758		2008/10/15 17:01
X	5.00 ppm	2757530	10.000	9.582		2008/10/15 17:42
X	20.0 ppm	10301221	40.000	40.371		2008/10/15 18:32
X	50.0 ppm	25272626	100.000	101.475		2008/10/15 19:38
X	100.0 ppm	49220384	200.000	199.216		2008/10/15 21:08

(Signatures)

General Chemistry Worksheet

Batch Number: 220-23258
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Dec 29 2008 12:26PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Calculation Message	Test_00001	VCLPIC_00001	WALKLCS_00029
7.00~BUFFER				20 mL	Titrant1Normality is blank			
RB-1				20 mL	Titrant1Normality is blank			
LCS~220-23258/3		2320B		20 mL	Titrant1Normality is blank			20 mL
RB~220-23258/4				20 mL	Titrant1Normality is blank	# L		
MB~220-23258/5		2320B		20 mL	Titrant1Normality is blank			
220-7582-A-1	WSP-1	2320B	T	20 mL	Titrant1Normality is blank			
220-7582-A-1~DU		2320B	T	20 mL	Titrant1Normality is blank			
220-7586-B-1	IW-4	2320B	T	20 mL	Titrant1Normality is blank			
220-7586-B-2	SW-1	2320B	T	20 mL	Titrant1Normality is blank			
220-7586-B-3	IW-6	2320B	T	20 mL	Titrant1Normality is blank			
220-7586-B-4	FB-2	2320B	T	20 mL	Titrant1Normality is blank			
220-7586-B-5	IW-6D	2320B	T	20 mL	Titrant1Normality is blank			
RB~220-23258/13				20 mL	Titrant1Normality is blank		# %	
LCS~220-23258/14				20 mL	Titrant1Normality is blank	# L		20 mL
220-7586-B-6	SW-7	2320B	T	20 mL	Titrant1Normality is blank			
220-7588-C-1	LAGOON	2320B	T	20 mL	Titrant1Normality is blank			
220-7588-A-2	MW-1R	2320B	T	20 mL	Titrant1Normality is blank			
220-7609-A-1	IW-5	2320B	T	20 mL	Titrant1Normality is blank			
220-7609-A-2	IW-3	2320B	T	20 mL	Titrant1Normality is blank			
220-7609-A-3	SW-3	2320B	T	20 mL	Titrant1Normality is blank			
220-7609-A-4	FB-3	2320B	T	20 mL	Titrant1Normality is blank			
220-7654-A-1	MW-26S	2320B	T	20 mL	Titrant1Normality is blank			
220-7654-A-2	MW-26I	2320B	T	20 mL	Titrant1Normality is blank			
RB~220-23258/24				20 mL	Titrant1Normality is blank		# %	

General Chemistry Worksheet

Batch Number: 220-23258
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Dec 29 2008 12:26PM
Batch End:

LCS~220-23258/25	2320B	20 mL	Titrant1Normality is blank		# %	20 mL

General Chemistry Worksheet

Batch Number: 220-23258
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Dec 29 2008 12:26PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Calculation Message	Test_00001	VCLPIC_00001	WALKLCS_00029
220-7654-A-3	MW-30S	2320B	T	20 mL	Titrant1Normality is blank			
220-7654-A-4	MW-30I	2320B	T	20 mL	Titrant1Normality is blank			
220-7635-B-1	CHA-3S	2320B	T	20 mL	Titrant1Normality is blank			
220-7635-F-2	CHA-3I	2320B	T	20 mL	Titrant1Normality is blank			
220-7635-B-3	PZ-3	2320B	T	20 mL	Titrant1Normality is blank			
220-7635-B-3~DU		2320B	T	20 mL	Titrant1Normality is blank			
RB~220-23258/32				20 mL	Titrant1Normality is blank		# %	
LCS~220-23258/33		2320B		20 mL	Titrant1Normality is blank		# %	20 mL

General Chemistry Worksheet

Batch Number: 220-23295
Method: 9060
Analyst: Madumadu, Dave

Date Open: Dec 27 2008 5:01PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00009
ICV~220-23295/1		9060		44 mL		0.22 mL
ICB~220-23295/2		9060		44 mL		
CCV~220-23295/3		9060		44 mL		0.22 mL
CCB~220-23295/4		9060		44 mL		
LCS~220-23295/5~^4		9060		44 mL	11 mL	
CCV~220-23295/6		9060		44 mL		0.22 mL
CCB~220-23295/7		9060		44 mL		
MB~220-23295/8		9060		44 mL		
220-7617-A-2~^1000	VALLEY PLATING TriMacCR	9060	T	44 mL		
220-7617-A-3~^1000	VALLEY PLATING TriMacCR	9060	T	44 mL		
220-7654-E-1	MW-26S	9060	T	44 mL		
220-7654-F-1~DU		9060	T	44 mL		
220-7654-A-1~MS		9060	T	44 mL		0.44 mL
220-7654-F-2	MW-26I	9060	T	44 mL		
CCV~220-23295/15		9060		44 mL		0.22 mL
CCB~220-23295/16		9060		44 mL		
220-7654-E-3	MW-30S	9060	T	44 mL		
220-7654-F-4	MW-30I	9060	T	44 mL		
220-7589-W-1	Condensate Sample	5310C	T	44 mL		
220-7617-A-1~^5000	THOMAS & BETTS CANADA DUZINC	9060	T	44 mL		
220-7635-J-1	CHA-3S	5310C	T	44 mL		
220-7635-J-2	CHA-3I	5310C	T	44 mL		
220-7635-J-3	PZ-3	5310C	T	44 mL		
220-7661-C-18	MW-18D	5310C	T	44 mL		
CCV~220-23295/25		9060		44 mL		0.22 mL

General Chemistry Worksheet

Batch Number: 220-23295
Method: 9060
Analyst: Madumadu, Dave

Date Open: Dec 27 2008 5:01PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00009
CCB~220-23295/26		9060		44 mL		
CCV~220-23295/27		5310C		44 mL		0.22 mL
CCB~220-23295/28		5310C		44 mL		
220-7613-H-8~^20	RW-1	5310C	T	44 mL		
CCV~220-23295/30		5310C		44 mL		0.22 mL
CCB~220-23295/31		5310C		44 mL		

MISCELLANEOUS DOCUMENTS

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

7654

TAL-0015 (0508)

Client	Project Manager	Date	Chain of Custody Number
Roux Associates	Chris Proce	12/23/08	014299
Address	**Telephone Number (Area Code)/Fax Number/e-mail address**	**Field Telephone Number**	**Page 1 of 1**
209 Shafter St.	631-232-2600	631-484-3182	
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Islandia / NY / 11749	Jeff Wills	Jill Dubancik	
Project Name and Location (State)	**Sample Disposal** ☒ Disposal By Lab ☐ Return To Client ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)		
MBA-Manorhaven / NY			
Contract/Purchase Order/Project No.			
0771.0001Y000			

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Solid	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis: Full List VOC 8260B	TOC	Alkalinity Lab Filtered Fe, Mn	Total Fe, Mn	Comments
MW-26S (1)	12/23/08	1210	X			1	2	1	2				X	X	X	X	No seperate bottle was received for "lab filtered Fe, Mn." RB 12/24/08
MW-26I (2)		1245	X			1	2	1	2				X	X	X	X	
MW-30S (3)		1335	X			1	2	1	2				X	X	X	X	
MW-30I (4)		1410	X			1	2	1	2				X	X	X	X	
DUP-122308 (5)		1330	X						2				X				
Field Blank-122308 (6)		1030	X						2				X				
TRIP BLANK-122308 (7)			X						2				X				

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☒ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____

State Regulatory QC Requirements

	Date	Time
1. Relinquished By: J Bb Wills	12/23/08	1545
2. Relinquished By:		
3. Received By:		

	Date	Time
1. Received By: K Blackburn	12/24/08	1040
2. Received By:		
Cooler Temps: 1.6 oc		

Passed Rad. Screen (Lab Use Only): ☑ Yes ☐ No

Comments

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

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:
Client: Roux
Client Project: Manorhaven/Trypin

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Initials	Date
7654-01	HNO3	<2	N/A	N/A	N/A	LB	12/24/08
02	↓	<2	↓	↓	↓	↓	↓
03		<2					
04		<2					

12/24/08

TestAmerica - Connecticut
Internal Chain-of-Custody

220-7654

Raw-Manorhaven 0771.0001Y00

Trip Blank: 7

QC: — Air:

FB: 6

Soil: Water: 1-7

Date Received: 12/24/08

Sample #s: 1-7

Locations: 88B, TOC 62, R-1FF

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1/4			12/29/08	10:35	ALK			12/29	1225
1-4		BC.	12/29	10:38	MtL			12/29	1300
1-4			12/29	1225	MTL			12/29	1343
1/4			12/29	1030	TOC	USEA			
1-4		BC	12/29	1100	ALK	BC		12/30	1300
1-7		BCM	12	10:00	VOA				

TestAmerica Form# SMF00508.CT

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TESTAMERICA CONNECTICUT - CHAIN OF CUSTODY
ATOMIC SPECTROSCOPY DEPARTMENT

Job Number: 7654 **Sample Numbers:** 1-4

Prep Batch Number: 23238, 23290

WATER - SOIL - SLUDGE - TCLP/SPLP

I confirm that I have performed the preparation below following SOP guidelines and authorize the transfer of these digestates to the metals instrument lab.:

Sample Prep:

Analysts	12/29/08 Date(s)	**ICP**
Analysts	Date(s)	**Mercury**

I confirm that I have performed the analysis below following SOP guidelines:

Analysis:

Analysts	1/2/09 Date(s)	**ICP**
Chemist	Date(s)	**Mercury**

I have reviewed and authorized the release of the job:

Complete: Supervisor 1/2/09 Date

QAF02602.CT

Login Sample Receipt Check List

Client: Roux Associates, Inc.

Job Number: 220-7654-1
SDG Number: 220-7654

Login Number: 7654
List Source: TestAmerica Connecticut
Creator: Blocker, Kristina
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

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ANALYTICAL REPORT

Job Number: 220-7945-1

SDG Number: 220-7945-1

Job Description: 0771.0001Y000 MBA-Thypin/Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Chris Proce

Approved for release.
Cheryl Cascella
2/18/2009 2:14 PM

Designee for
Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
02/18/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Case Narrative for Job: 220-7945-1

Client: Roux
Date: February 18, 2009

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Lawrence Decker
Laboratory Director

February 18, 2009
Date

QUALITY CONTROL NARRATIVE

TestAmerica Connecticut adheres to a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-7945-1	MW-24	Water	02/02/2009 0958	02/03/2009 0945
220-7945-2	MW-26S	Water	02/02/2009 1115	02/03/2009 0945
220-7945-3	MW-30S	Water	02/02/2009 1220	02/03/2009 0945
220-7945-4	MW-31S	Water	02/02/2009 1320	02/03/2009 0945
220-7945-5	MW-33S	Water	02/02/2009 1150	02/03/2009 0945
220-7945-6	MW-34S	Water	02/02/2009 0920	02/03/2009 0945
220-7945-7	MW-35S	Water	02/02/2009 0900	02/03/2009 0945
220-7945-8	OW-4	Water	02/02/2009 1040	02/03/2009 0945
220-7945-9	DUP-020209	Water	02/02/2009 1000	02/03/2009 0945
220-7945-10FB	FB-020209	Water	02/02/2009 0830	02/03/2009 0945

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7945-1	**MW-24**					
Acetone		2.4	J	10	ug/L	8260B
Methylene Chloride		0.80	J B	5.0	ug/L	8260B
Tetrachloroethene		2.5	J	5.0	ug/L	8260B
Trichloroethene		6.2		5.0	ug/L	8260B
Total Organic Carbon - Quad		5.7		1.0	mg/L	9060
Alkalinity		87.9		2.0	mg/L	SM 2320B
220-7945-2	**MW-26S**					
Acetone		1.8	J	10	ug/L	8260B
Methylene Chloride		0.80	J B	5.0	ug/L	8260B
Tetrachloroethene		1.8	J	5.0	ug/L	8260B
Manganese		33		15	ug/L	6010B
Alkalinity		245		2.0	mg/L	SM 2320B
Dissolved						
Manganese		2.8	J	15	ug/L	6010B
220-7945-3	**MW-30S**					
Acetone		2.3	J	10	ug/L	8260B
Methylene Chloride		0.88	J B	5.0	ug/L	8260B
Tetrachloroethene		0.88	J	5.0	ug/L	8260B
Trichloroethene		1.7	J	5.0	ug/L	8260B
Iron		880		250	ug/L	6010B
Manganese		13	J	15	ug/L	6010B
Total Organic Carbon - Quad		0.22	J	1.0	mg/L	9060
Alkalinity		212		2.0	mg/L	SM 2320B
Dissolved						
Manganese		6.9	J	15	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7945-4	**MW-31S**					
Acetone		2.3	J	10	ug/L	8260B
1,1-Dichloroethane		7.3		5.0	ug/L	8260B
1,1-Dichloroethene		1.4	J	5.0	ug/L	8260B
Methylene Chloride		0.85	J B	5.0	ug/L	8260B
Tetrachloroethene		55		5.0	ug/L	8260B
1,1,1-Trichloroethane		31		5.0	ug/L	8260B
Trichloroethene		84		5.0	ug/L	8260B
cis-1,2-Dichloroethene		31		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.0	J	5.0	ug/L	8260B
Iron		400		250	ug/L	6010B
Manganese		1700		15	ug/L	6010B
Total Organic Carbon - Quad		1.9		1.0	mg/L	9060
Alkalinity		331		2.0	mg/L	SM 2320B
Dissolved						
Manganese		1400		15	ug/L	6010B
220-7945-5	**MW-33S**					
Acetone		2.7	J	10	ug/L	8260B
Methylene Chloride		0.80	J B	5.0	ug/L	8260B
Trichloroethene		8.7		5.0	ug/L	8260B
Iron		100	J	250	ug/L	6010B
Manganese		230		15	ug/L	6010B
Total Organic Carbon - Quad		2.3		1.0	mg/L	9060
Alkalinity		326		2.0	mg/L	SM 2320B
Dissolved						
Manganese		5.5	J	15	ug/L	6010B
220-7945-6	**MW-34S**					
Acetone		2.3	J	10	ug/L	8260B
Methylene Chloride		0.95	J B	5.0	ug/L	8260B
Iron		17800		250	ug/L	6010B
Manganese		100		15	ug/L	6010B
Total Organic Carbon - Quad		0.92	J	1.0	mg/L	9060
Alkalinity		134		2.0	mg/L	SM 2320B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-7945-7	**MW-35S**					
Acetone		16		10	ug/L	8260B
Methyl Ethyl Ketone		4.2	J	10	ug/L	8260B
Trichloroethene		24		5.0	ug/L	8260B
cis-1,2-Dichloroethene		1.9	J	5.0	ug/L	8260B
Iron		1300		250	ug/L	6010B
Manganese		84		15	ug/L	6010B
Total Organic Carbon - Quad		15.8		1.0	mg/L	9060
Alkalinity		1730		2.0	mg/L	SM 2320B
Dissolved						
Iron		260		250	ug/L	6010B
Manganese		38		15	ug/L	6010B
220-7945-8	**OW-4**					
Acetone		1.9	J	10	ug/L	8260B
1,1-Dichloroethene		4.1	J	5.0	ug/L	8260B
Methylene Chloride		0.79	J B	5.0	ug/L	8260B
Trichloroethene		1600		100	ug/L	8260B
Vinyl chloride		6.4		5.0	ug/L	8260B
cis-1,2-Dichloroethene		97		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.9	J	5.0	ug/L	8260B
Iron		2000		250	ug/L	6010B
Manganese		2900		15	ug/L	6010B
Total Organic Carbon - Quad		1.9		1.0	mg/L	9060
Alkalinity		176		2.0	mg/L	SM 2320B
Dissolved						
Manganese		3300		15	ug/L	6010B
220-7945-9	**DUP-020209**					
Acetone		15	B	10	ug/L	8260B
Methyl Ethyl Ketone		4.1	J	10	ug/L	8260B
Methylene Chloride		0.82	J B	5.0	ug/L	8260B
Trichloroethene		25		5.0	ug/L	8260B
cis-1,2-Dichloroethene		1.8	J	5.0	ug/L	8260B
220-7945-10FB	**FB-020209**					
Acetone		1.9	J B	10	ug/L	8260B
Methylene Chloride		0.83	J B	5.0	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Metals (ICP)	TAL CT	SW846 6010B	
Sample Filtration	TAL CT		FILTRATION
Preparation, Total Metals	TAL CT		SW846 3010A
Organic Carbon, Total (TOC)	TAL CT	SW846 9060	
Alkalinity	TAL CT	SM SM 2320B	

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK
SW846 6010B	Petronchak, Nestor	NP
SW846 9060	Madumadu, Dave	DM
SM SM 2320B	Mendoza, Julia	JM

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: **MW-24**

Lab Sample ID: 220-7945-1
Client Matrix: Water

Date Sampled: 02/02/2009 0958
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2009 1612
Date Prepared: 02/10/2009 1612

Analysis Batch: 220-24246

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2841.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.80	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	2.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	6.2		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	53 - 125
4-Bromofluorobenzene	82	73 - 127
Dibromofluoromethane	96	54 - 137
Toluene-d8 (Surr)	74	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: **MW-26S**

Lab Sample ID: 220-7945-2
Client Matrix: Water

Date Sampled: 02/02/2009 1115
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2009 1642
Date Prepared: 02/10/2009 1642

Analysis Batch: 220-24246

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2842.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.8	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.80	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.8	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	99	54 - 137
Toluene-d8 (Surr)	75	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-30S

Lab Sample ID: 220-7945-3
Client Matrix: Water

Date Sampled: 02/02/2009 1220
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2009 1711
Date Prepared: 02/10/2009 1711

Analysis Batch: 220-24246

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2843.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.88	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	0.88	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	1.7	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	53 - 125
4-Bromofluorobenzene	79	73 - 127
Dibromofluoromethane	97	54 - 137
Toluene-d8 (Surr)	73	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-31S

Lab Sample ID: 220-7945-4
Client Matrix: Water

Date Sampled: 02/02/2009 1320
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2009 1740
Date Prepared: 02/10/2009 1740

Analysis Batch: 220-24246

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2844.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	7.3		1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.4	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.85	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	55		0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	31		0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	84		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	31		0.99	5.0
trans-1,2-Dichloroethene	1.0	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	53 - 125
4-Bromofluorobenzene	91	73 - 127
Dibromofluoromethane	106	54 - 137
Toluene-d8 (Surr)	79	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-33S

Lab Sample ID: 220-7945-5
Client Matrix: Water

Date Sampled: 02/02/2009 1150
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2009 1909
Date Prepared: 02/11/2009 1909

Analysis Batch: 220-24290

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2876.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U *	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.80	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U *	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	8.7		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	53 - 125
4-Bromofluorobenzene	106	73 - 127
Dibromofluoromethane	106	54 - 137
Toluene-d8 (Surr)	89	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-34S

Lab Sample ID: 220-7945-6
Client Matrix: Water

Date Sampled: 02/02/2009 0920
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/10/2009 1909
Date Prepared: 02/10/2009 1909

Analysis Batch: 220-24246

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2847.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.95	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	102	54 - 137
Toluene-d8 (Surr)	75	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: **MW-35S**

Lab Sample ID: 220-7945-7
Client Matrix: Water

Date Sampled: 02/02/2009 0900
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2009 2008
Date Prepared: 02/11/2009 2008

Analysis Batch: 220-24290

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2878.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	16		1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	4.2	J	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U *	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U *	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	24		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	1.9	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	91	54 - 137
Toluene-d8 (Surr)	73	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: OW-4

Lab Sample ID: 220-7945-8
Client Matrix: Water

Date Sampled: 02/02/2009 1040
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/11/2009 2038
Date Prepared: 02/11/2009 2038

Analysis Batch: 220-24290

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2879.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	4.1	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U *	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.79	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U *	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	6.4		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	97		0.99	5.0
trans-1,2-Dichloroethene	1.9	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	87	54 - 137
Toluene-d8 (Surr)	74	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: OW-4

Lab Sample ID: 220-7945-8
Client Matrix: Water

Date Sampled: 02/02/2009 1040
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/12/2009 1538
Date Prepared: 02/12/2009 1538

Analysis Batch: 220-24314

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2916.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1600		12	100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	53 - 125
4-Bromofluorobenzene	90	73 - 127
Dibromofluoromethane	100	54 - 137
Toluene-d8 (Surr)	78	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: **DUP-020209**

Lab Sample ID: 220-7945-9
Client Matrix: Water

Date Sampled: 02/02/2009 1000
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2009 1439
Date Prepared: 02/12/2009 1439

Analysis Batch: 220-24314

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2914.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15	B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	4.1	J	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.82	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	25		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	1.8	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	53 - 125
4-Bromofluorobenzene	91	73 - 127
Dibromofluoromethane	97	54 - 137
Toluene-d8 (Surr)	75	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: **FB-020209**

Lab Sample ID: 220-7945-10FB
Client Matrix: Water

Date Sampled: 02/02/2009 0830
Date Received: 02/03/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/12/2009 1508
Date Prepared: 02/12/2009 1508

Analysis Batch: 220-24314

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2915.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.83	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	98	54 - 137
Toluene-d8 (Surr)	75	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-24

Lab Sample ID: 220-7945-1
Client Matrix: Water

Date Sampled: 02/02/2009 0958
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/06/2009 1637
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079

Instrument ID: TJA Trace ICAP
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/12/2009 1706
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24297
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-26S

Lab Sample ID: 220-7945-2
Client Matrix: Water

Date Sampled: 02/02/2009 1115
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/06/2009 1700
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079

Instrument ID: TJA Trace ICAP
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	33		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/16/2009 1034
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24359
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	2.8	J	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-30S

Lab Sample ID: 220-7945-3
Client Matrix: Water

Date Sampled: 02/02/2009 1220
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/06/2009 1706
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079

Instrument ID: TJA Trace ICAP
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	880		62	250
Manganese	13	J	2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/16/2009 1040
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24359
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	6.9	J	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-31S

Lab Sample ID: 220-7945-4
Client Matrix: Water

Date Sampled: 02/02/2009 1320
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/06/2009 1711
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079

Instrument ID: TJA Trace ICAP
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	400		62	250
Manganese	1700		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/16/2009 1046
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24359
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	1400		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-33S

Lab Sample ID: 220-7945-5
Client Matrix: Water

Date Sampled: 02/02/2009 1150
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/06/2009 1717
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079

Instrument ID: TJA Trace ICAP
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	100	J	62	250
Manganese	230		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/16/2009 1051
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24359
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	5.5	J	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-34S

Lab Sample ID: 220-7945-6
Client Matrix: Water

Date Sampled: 02/02/2009 0920
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/06/2009 1723
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079

Instrument ID: TJA Trace ICAP
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	17800		62	250
Manganese	100		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/16/2009 1057
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24359
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: MW-35S

Lab Sample ID: 220-7945-7
Client Matrix: Water

Date Sampled: 02/02/2009 0900
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/09/2009 1247
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24185
Prep Batch: 220-24079

Instrument ID: TJA Trace ICAP
Lab File ID: W020909
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1300		62	250
Manganese	84		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/16/2009 1103
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24359
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	260		62	250
Manganese	38		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Client Sample ID: OW-4

Lab Sample ID: 220-7945-8
Client Matrix: Water

Date Sampled: 02/02/2009 1040
Date Received: 02/03/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/10/2009 1126
Date Prepared: 02/09/2009 1230

Analysis Batch: 220-24200
Prep Batch: 220-24177

Instrument ID: TJA Trace ICAP
Lab File ID: W021009
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	2000		62	250
Manganese	2900		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/16/2009 1109
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24359
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP
Lab File ID: W021609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	3300		2.3	15

General Chemistry

Client Sample ID: MW-24

Lab Sample ID: 220-7945-1
Client Matrix: Water

Date Sampled: 02/02/2009 0958
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	87.9		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed			02/04/2009 1531			
Total Organic Carbon - Quad	5.7		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24189	Date Analyzed			02/06/2009 0331			

Client Sample ID: MW-26S

Lab Sample ID: 220-7945-2
Client Matrix: Water

Date Sampled: 02/02/2009 1115
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	245		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed			02/04/2009 1545			
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24189	Date Analyzed			02/06/2009 0412			

Client Sample ID: MW-30S

Lab Sample ID: 220-7945-3
Client Matrix: Water

Date Sampled: 02/02/2009 1220
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	212		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed			02/04/2009 1553			
Total Organic Carbon - Quad	0.22	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24189	Date Analyzed			02/06/2009 0559			

General Chemistry

Client Sample ID: MW-31S

Lab Sample ID: 220-7945-4
Client Matrix: Water

Date Sampled: 02/02/2009 1320
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	331		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed		02/04/2009 1601				
Total Organic Carbon - Quad	1.9		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24189	Date Analyzed		02/06/2009 0627				

Client Sample ID: MW-33S

Lab Sample ID: 220-7945-5
Client Matrix: Water

Date Sampled: 02/02/2009 1150
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	326		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed		02/04/2009 1609				
Total Organic Carbon - Quad	2.3		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24189	Date Analyzed		02/06/2009 0705				

Client Sample ID: MW-34S

Lab Sample ID: 220-7945-6
Client Matrix: Water

Date Sampled: 02/02/2009 0920
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	134		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed		02/04/2009 1616				
Total Organic Carbon - Quad	0.92	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24189	Date Analyzed		02/06/2009 0743				

Client Sample ID: MW-35S

Lab Sample ID: 220-7945-7
Client Matrix: Water

Date Sampled: 02/02/2009 0900
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	1730		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed		02/04/2009 1645				
Total Organic Carbon - Quad	15.8		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24189	Date Analyzed		02/06/2009 0824				

General Chemistry

Client Sample ID: OW-4

Lab Sample ID: 220-7945-8
Client Matrix: Water

Date Sampled: 02/02/2009 1040
Date Received: 02/03/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	176		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24090	Date Analyzed			02/04/2009 1652			
Total Organic Carbon - Quad	1.9		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24188	Date Analyzed			02/06/2009 1207			

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
220-7945-1	MW-24	96	103	74	82
220-7945-2	MW-26S	99	103	75	86
220-7945-3	MW-30S	97	103	73	79
220-7945-4	MW-31S	106	111	79	91
220-7945-5	MW-33S	106	112	89	106
220-7945-6	MW-34S	102	110	75	86
220-7945-7	MW-35S	91	99	73	89
220-7945-8	OW-4	87	95	74	87
220-7945-8	OW-4	100	108	78	90
220-7945-9	DUP-020209	97	104	75	91
220-7945-10	FB-020209	98	105	75	86
MB 220-24246/3		88	94	74	87
MB 220-24290/3		87	90	74	90
MB 220-24314/3		94	99	75	89
LCS 220-24246/2		85	88	78	83
LCS 220-24290/2		80	82	76	85
LCS 220-24314/2		82	89	72	81

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24246

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24246/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/10/2009 1204
Date Prepared: 02/10/2009 1204

Analysis Batch: 220-24246
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2833.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.0	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	88	54 - 137
Toluene-d8 (Surr)	74	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Control Spike - Batch: 220-24246

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24246/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/10/2009 1105
Date Prepared: 02/10/2009 1105

Analysis Batch: 220-24246
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2831.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	17.6	176	18 - 263	
Benzene	10.0	9.19	92	68 - 126	
Bromodichloromethane	10.0	10.2	102	67 - 118	
Bromoform	10.0	9.29	93	63 - 115	
Bromomethane	10.0	11.3	113	27 - 171	
Methyl Ethyl Ketone	10.0	14.0	140	30 - 222	
Carbon disulfide	10.0	9.88	99	44 - 142	
Carbon tetrachloride	10.0	9.98	100	56 - 131	
Chlorobenzene	10.0	7.99	80	71 - 114	
Chloroethane	10.0	11.6	116	53 - 167	
Chloroform	10.0	10.1	101	70 - 124	
Chloromethane	10.0	8.90	89	43 - 134	
Dibromochloromethane	10.0	9.32	93	65 - 114	
1,1-Dichloroethane	10.0	9.66	97	67 - 121	
1,2-Dichloroethane	10.0	10.7	107	68 - 124	
1,1-Dichloroethene	10.0	8.83	88	57 - 137	
1,2-Dichloropropane	10.0	9.35	93	69 - 122	
cis-1,3-Dichloropropene	10.0	8.58	86	60 - 122	
trans-1,3-Dichloropropene	10.0	9.51	95	55 - 126	
Ethylbenzene	10.0	8.00	80	71 - 115	
2-Hexanone	10.0	9.63	96	54 - 179	J
Methylene Chloride	10.0	10.0	100	61 - 129	
methyl isobutyl ketone	10.0	10.1	101	61 - 140	
Styrene	10.0	7.06	71	69 - 112	
1,1,2,2-Tetrachloroethane	10.0	9.34	93	66 - 129	
Tetrachloroethene	10.0	6.96	70	62 - 118	
Toluene	10.0	8.28	83	70 - 116	
1,1,1-Trichloroethane	10.0	10.3	103	60 - 128	
1,1,2-Trichloroethane	10.0	10.1	101	70 - 119	
Trichloroethene	10.0	8.24	82	58 - 125	
Vinyl chloride	10.0	9.27	93	51 - 139	
Xylenes, Total	30.0	23.5	78	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	53 - 125
4-Bromofluorobenzene	83	73 - 127
Dibromofluoromethane	85	54 - 137
Toluene-d8 (Surr)	78	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24290

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24290/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/11/2009 1840
Date Prepared: 02/11/2009 1840

Analysis Batch: 220-24290
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2875.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.1	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	53 - 125
4-Bromofluorobenzene	90	73 - 127
Dibromofluoromethane	87	54 - 137
Toluene-d8 (Surr)	74	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Control Spike - Batch: 220-24290

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24290/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/11/2009 1740
Date Prepared: 02/11/2009 1740

Analysis Batch: 220-24290
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2873.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	11.4	114	18 - 263	
Benzene	10.0	7.81	78	68 - 126	
Bromodichloromethane	10.0	9.07	91	67 - 118	
Bromoform	10.0	8.97	90	63 - 115	
Bromomethane	10.0	9.97	100	27 - 171	
Methyl Ethyl Ketone	10.0	9.56	96	30 - 222	J
Carbon disulfide	10.0	7.60	76	44 - 142	
Carbon tetrachloride	10.0	8.36	84	56 - 131	
Chlorobenzene	10.0	7.06	71	71 - 114	
Chloroethane	10.0	9.78	98	53 - 167	
Chloroform	10.0	8.83	88	70 - 124	
Chloromethane	10.0	7.33	73	43 - 134	
Dibromochloromethane	10.0	8.62	86	65 - 114	
1,1-Dichloroethane	10.0	7.86	79	67 - 121	
1,2-Dichloroethane	10.0	9.57	96	68 - 124	
1,1-Dichloroethene	10.0	7.17	72	57 - 137	
1,2-Dichloropropane	10.0	8.01	80	69 - 122	
cis-1,3-Dichloropropene	10.0	7.94	79	60 - 122	
trans-1,3-Dichloropropene	10.0	8.92	89	55 - 126	
Ethylbenzene	10.0	6.93	69	71 - 115	*
2-Hexanone	10.0	8.04	80	54 - 179	J
Methylene Chloride	10.0	8.70	87	61 - 129	
methyl isobutyl ketone	10.0	9.12	91	61 - 140	J
Styrene	10.0	6.57	66	69 - 112	*
1,1,2,2-Tetrachloroethane	10.0	8.35	83	66 - 129	
Tetrachloroethene	10.0	6.00	60	62 - 118	*
Toluene	10.0	7.02	70	70 - 116	
1,1,1-Trichloroethane	10.0	8.77	88	60 - 128	
1,1,2-Trichloroethane	10.0	9.31	93	70 - 119	
Trichloroethene	10.0	7.02	70	58 - 125	
Vinyl chloride	10.0	7.75	78	51 - 139	
Xylenes, Total	30.0	20.8	69	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	53 - 125
4-Bromofluorobenzene	85	73 - 127
Dibromofluoromethane	80	54 - 137
Toluene-d8 (Surr)	76	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24314

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24314/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1409
Date Prepared: 02/12/2009 1409

Analysis Batch: 220-24314
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2913.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.1	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.4	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	94	54 - 137
Toluene-d8 (Surr)	75	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Control Spike - Batch: 220-24314

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24314/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1310
Date Prepared: 02/12/2009 1310

Analysis Batch: 220-24314
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W2911.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	23.7	237	18 - 263	
Benzene	10.0	7.86	79	68 - 126	
Bromodichloromethane	10.0	9.75	98	67 - 118	
Bromoform	10.0	9.37	94	63 - 115	
Bromomethane	10.0	10.7	107	27 - 171	
Methyl Ethyl Ketone	10.0	16.4	164	30 - 222	
Carbon disulfide	10.0	8.57	86	44 - 142	
Carbon tetrachloride	10.0	9.45	94	56 - 131	
Chlorobenzene	10.0	7.15	71	71 - 114	
Chloroethane	10.0	10.8	108	53 - 167	
Chloroform	10.0	9.37	94	70 - 124	
Chloromethane	10.0	8.25	82	43 - 134	
Dibromochloromethane	10.0	8.72	87	65 - 114	
1,1-Dichloroethane	10.0	8.42	84	67 - 121	
1,2-Dichloroethane	10.0	10.5	105	68 - 124	
1,1-Dichloroethene	10.0	7.79	78	57 - 137	
1,2-Dichloropropane	10.0	7.94	79	69 - 122	
cis-1,3-Dichloropropene	10.0	8.17	82	60 - 122	
trans-1,3-Dichloropropene	10.0	9.38	94	55 - 126	
Ethylbenzene	10.0	7.16	72	71 - 115	
2-Hexanone	10.0	11.0	110	54 - 179	
Methylene Chloride	10.0	9.36	94	61 - 129	
methyl isobutyl ketone	10.0	9.64	96	61 - 140	J
Styrene	10.0	6.52	65	69 - 112	*
1,1,2,2-Tetrachloroethane	10.0	8.63	86	66 - 129	
Tetrachloroethene	10.0	6.20	62	62 - 118	
Toluene	10.0	7.02	70	70 - 116	
1,1,1-Trichloroethane	10.0	9.66	97	60 - 128	
1,1,2-Trichloroethane	10.0	9.66	97	70 - 119	
Trichloroethene	10.0	7.51	75	58 - 125	
Vinyl chloride	10.0	8.72	87	51 - 139	
Xylenes, Total	30.0	20.5	68	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	53 - 125
4-Bromofluorobenzene	81	73 - 127
Dibromofluoromethane	82	54 - 137
Toluene-d8 (Surr)	72	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24079

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-24079/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/06/2009 1442
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-24079

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-24079/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/06/2009 1448
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	25410	102	80 - 120	
Manganese	200	215	107	80 - 120	

Matrix Spike - Batch: 220-24079

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7945-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/06/2009 1648
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Iron	250	U	1000	1020	102	75 - 125	
Manganese	15	U	500	505	101	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Duplicate - Batch: 220-24079

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7945-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/06/2009 1643
Date Prepared: 02/04/2009 1227

Analysis Batch: 220-24143
Prep Batch: 220-24079
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W020609
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Iron	250	U	250	NC	20	U
Manganese	15	U	15	NC	20	U

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24177

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-24177/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/10/2009 1100
Date Prepared: 02/09/2009 1230

Analysis Batch: 220-24200
Prep Batch: 220-24177
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021009
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-24177

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-24177/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/10/2009 1105
Date Prepared: 02/09/2009 1230

Analysis Batch: 220-24200
Prep Batch: 220-24177
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021009
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	25230	101	80 - 120	
Manganese	200	213	106	80 - 120	

Matrix Spike - Batch: 220-24177

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7988-B-6-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/10/2009 1234
Date Prepared: 02/09/2009 1230

Analysis Batch: 220-24200
Prep Batch: 220-24177
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021009
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Iron	140	J	1000	1100	96	75 - 125	
Manganese	1500		500	2030	97	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Duplicate - Batch: 220-24177

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-7988-B-6-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/10/2009 1229
Date Prepared: 02/09/2009 1230

Analysis Batch: 220-24200
Prep Batch: 220-24177
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021009
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Iron	140	J	154	10	20	J
Manganese	1500		1600	3	20	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24277

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-24277/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1620
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24297
Prep Batch: 220-24277
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-24277

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-24277/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1626
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24297
Prep Batch: 220-24277
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	27600	110	80 - 120	
Manganese	200	228	114	80 - 120	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-24277

Method: 6010B
Preparation: 3010A

MS Lab Sample ID: 220-8015-C-5-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1752
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24297
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 220-8015-C-5-D MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1801
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24297
Prep Batch: 220-24277

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Iron	106	100	75 - 125	3	20		
Manganese	103	97	75 - 125	3	20		

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-24277

Method: 6010B
Preparation: 3010A

MS Lab Sample ID: 220-8015-C-5-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1752
Date Prepared: 02/12/2009 1220

Units: ug/L

MSD Lab Sample ID: 220-8015-C-5-D MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1801
Date Prepared: 02/12/2009 1220

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Iron	670	1000	1000	1730	1680
Manganese	360	500	500	874	844

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Duplicate - Batch: 220-24277

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8015-C-5-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/12/2009 1735
Date Prepared: 02/12/2009 1220

Analysis Batch: 220-24297
Prep Batch: 220-24277
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021209
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	670	708	5	20	
Manganese	360	370	3	20	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24188

Method: 9060
Preparation: N/A

Lab Sample ID: MB 220-24188/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/06/2009 1137
Date Prepared: N/A

Analysis Batch: 220-24188
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Result	Qual	MDL	RL
Total Organic Carbon - Quad	1.0	U	0.10	1.0

Lab Control Spike - Batch: 220-24188

Method: 9060
Preparation: N/A

Lab Sample ID: LCS 220-24188/5 ^4
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 02/06/2009 1050
Date Prepared: N/A

Analysis Batch: 220-24188
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	82.2	84.85	103	85 - 115	

Matrix Spike - Batch: 220-24188

Method: 9060
Preparation: N/A

Lab Sample ID: 220-7933-A-3 MS ^200
Client Matrix: Water
Dilution: 200
Date Analyzed: 02/06/2009 1757
Date Prepared: N/A

Analysis Batch: 220-24188
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	1320	4000	5539	105	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Duplicate - Batch: 220-24188

Method: 9060
Preparation: N/A

Lab Sample ID: 220-7933-A-3 DU ^200
Client Matrix: Water
Dilution: 200
Date Analyzed: 02/06/2009 1700
Date Prepared: N/A

Analysis Batch: 220-24188
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon - Quad	1320	1414	7	20	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24189

Method: 9060
Preparation: N/A

Lab Sample ID: MB 220-24189/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/05/2009 1711
Date Prepared: N/A

Analysis Batch: 220-24189
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Result	Qual	MDL	RL
Total Organic Carbon - Quad	1.0	U	0.10	1.0

Lab Control Spike - Batch: 220-24189

Method: 9060
Preparation: N/A

Lab Sample ID: LCS 220-24189/33 ^4
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 02/06/2009 0956
Date Prepared: N/A

Analysis Batch: 220-24189
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	82.2	84.24	102	85 - 115	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-24189

Method: 9060
Preparation: N/A

MS Lab Sample ID: 220-7919-D-6 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/05/2009 2048
Date Prepared: N/A

Analysis Batch: 220-24189
Prep Batch: N/A

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

MSD Lab Sample ID: 220-7919-D-6 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/05/2009 2321
Date Prepared: N/A

Analysis Batch: 220-24189
Prep Batch: N/A

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Organic Carbon - Quad	90	85	75 - 125	5	20		

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-24189

Method: 9060
Preparation: N/A

MS Lab Sample ID: 220-7919-D-6 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/05/2009 2048
Date Prepared: N/A

Units: mg/L

MSD Lab Sample ID: 220-7919-D-6 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/05/2009 2321
Date Prepared: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Organic Carbon - Quad	1.0	U	20.0	20.0	17.91	17.04

Duplicate - Batch: 220-24189

Method: 9060
Preparation: N/A

Lab Sample ID: 220-7919-E-6 DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/05/2009 2005
Date Prepared: N/A

Analysis Batch: 220-24189
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02051148.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Total Organic Carbon - Quad	1.0	U	1.0	NC	20	U

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Method Blank - Batch: 220-24090

Method: SM 2320B
Preparation: N/A

Lab Sample ID: MB 220-24090/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/04/2009 1524
Date Prepared: N/A

Analysis Batch: 220-24090
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Alkalinity	0.31	J	0.16	2.0

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Control Spike - Batch: 220-24090

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-24090/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/04/2009 1513
Date Prepared: N/A

Analysis Batch: 220-24090
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	243.5	103	85 - 115	

Lab Control Spike - Batch: 220-24090

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-24090/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/04/2009 1628
Date Prepared: N/A

Analysis Batch: 220-24090
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	245.2	104	85 - 115	

Lab Control Spike - Batch: 220-24090

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-24090/18
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/04/2009 1705
Date Prepared: N/A

Analysis Batch: 220-24090
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	243.5	103	85 - 115	

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

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Duplicate - Batch: 220-24090

Method: SM 2320B
Preparation: N/A

Lab Sample ID: 220-7945-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/04/2009 1538
Date Prepared: N/A

Analysis Batch: 220-24090
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	87.9	88.19	0	20	

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

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-24246					
LCS 220-24246/2	Lab Control Spike	T	Water	8260B	
MB 220-24246/3	Method Blank	T	Water	8260B	
220-7945-1	MW-24	T	Water	8260B	
220-7945-2	MW-26S	T	Water	8260B	
220-7945-3	MW-30S	T	Water	8260B	
220-7945-4	MW-31S	T	Water	8260B	
220-7945-6	MW-34S	T	Water	8260B	
Analysis Batch:220-24290					
LCS 220-24290/2	Lab Control Spike	T	Water	8260B	
MB 220-24290/3	Method Blank	T	Water	8260B	
220-7945-5	MW-33S	T	Water	8260B	
220-7945-7	MW-35S	T	Water	8260B	
220-7945-8	OW-4	T	Water	8260B	
Analysis Batch:220-24314					
LCS 220-24314/2	Lab Control Spike	T	Water	8260B	
MB 220-24314/3	Method Blank	T	Water	8260B	
220-7945-8	OW-4	T	Water	8260B	
220-7945-9	DUP-020209	T	Water	8260B	
220-7945-10FB	FB-020209	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-24079					
LCS 220-24079/2-A	Lab Control Spike	T	Water	3010A	
MB 220-24079/1-A	Method Blank	T	Water	3010A	
220-7945-1	MW-24	T	Water	3010A	
220-7945-1DU	Duplicate	T	Water	3010A	
220-7945-1MS	Matrix Spike	T	Water	3010A	
220-7945-1SD	Serial Dilution	T	Water	3010A	
220-7945-2	MW-26S	T	Water	3010A	
220-7945-3	MW-30S	T	Water	3010A	
220-7945-4	MW-31S	T	Water	3010A	
220-7945-5	MW-33S	T	Water	3010A	
220-7945-6	MW-34S	T	Water	3010A	
220-7945-7	MW-35S	T	Water	3010A	
Analysis Batch:220-24143					
CCB3 220-24143/33	Continuing Calibration Blank		Water	6010B	
CCB4 220-24143/45	Continuing Calibration Blank		Water	6010B	
CCB5 220-24143/57	Continuing Calibration Blank		Water	6010B	
CCB6 220-24143/69	Continuing Calibration Blank		Water	6010B	
ICB 220-24143/4	Initial Calibration Blank		Water	6010B	
LCS 220-24079/2-A	Lab Control Spike	T	Water	6010B	220-24079
MB 220-24079/1-A	Method Blank	T	Water	6010B	220-24079
220-7945-1	MW-24	T	Water	6010B	220-24079
220-7945-1DU	Duplicate	T	Water	6010B	220-24079
220-7945-1MS	Matrix Spike	T	Water	6010B	220-24079
220-7945-1SD	Serial Dilution	T	Water	6010B	220-24079
220-7945-2	MW-26S	T	Water	6010B	220-24079
220-7945-3	MW-30S	T	Water	6010B	220-24079
220-7945-4	MW-31S	T	Water	6010B	220-24079
220-7945-5	MW-33S	T	Water	6010B	220-24079
220-7945-6	MW-34S	T	Water	6010B	220-24079
Prep Batch: 220-24177					
LCS 220-24177/2-A	Lab Control Spike	T	Water	3010A	
MB 220-24177/1-A	Method Blank	T	Water	3010A	
220-7945-8	OW-4	T	Water	3010A	
220-7988-A-5-A SD ^5	Serial Dilution	T	Water	3010A	
220-7988-B-6-B DU	Duplicate	T	Water	3010A	
220-7988-B-6-C MS	Matrix Spike	T	Water	3010A	
Analysis Batch:220-24185					
CCB 220-24185/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-24185/21	Continuing Calibration Blank		Water	6010B	
ICB 220-24185/4	Initial Calibration Blank		Water	6010B	
220-7945-7	MW-35S	T	Water	6010B	220-24079

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-24200					
CCB 220-24200/10	Continuing Calibration Blank		Water	6010B	
CCB2 220-24200/22	Continuing Calibration Blank		Water	6010B	
CCB3 220-24200/34	Continuing Calibration Blank		Water	6010B	
CCB5 220-24200/58	Continuing Calibration Blank		Water	6010B	
CCB6 220-24200/70	Continuing Calibration Blank		Water	6010B	
ICB 220-24200/4	Initial Calibration Blank		Water	6010B	
LCS 220-24177/2-A	Lab Control Spike	T	Water	6010B	220-24177
MB 220-24177/1-A	Method Blank	T	Water	6010B	220-24177
220-7945-8	OW-4	T	Water	6010B	220-24177
220-7988-A-5-A SD ^5	Serial Dilution	T	Water	6010B	220-24177
220-7988-B-6-B DU	Duplicate	T	Water	6010B	220-24177
220-7988-B-6-C MS	Matrix Spike	T	Water	6010B	220-24177
Prep Batch: 220-24277					
LCS 220-24277/2-A	Lab Control Spike	T	Water	3010A	
MB 220-24277/1-A	Method Blank	T	Water	3010A	
220-7945-1	MW-24	D	Water	3010A	
220-7945-2	MW-26S	D	Water	3010A	
220-7945-3	MW-30S	D	Water	3010A	
220-7945-4	MW-31S	D	Water	3010A	
220-7945-5	MW-33S	D	Water	3010A	
220-7945-6	MW-34S	D	Water	3010A	
220-7945-7	MW-35S	D	Water	3010A	
220-7945-8	OW-4	D	Water	3010A	
220-8015-C-5-B DU	Duplicate	T	Water	3010A	
220-8015-C-5-C MS	Matrix Spike	T	Water	3010A	
220-8015-C-5-D MSD	Matrix Spike Duplicate	T	Water	3010A	
220-8015-C-5-A SD ^5	Serial Dilution	T	Water	3010A	
Analysis Batch:220-24297					
CCB 220-24297/74	Continuing Calibration Blank		Water	6010B	
CCB4 220-24297/45	Continuing Calibration Blank		Water	6010B	
CCB5 220-24297/57	Continuing Calibration Blank		Water	6010B	
CCB6 220-24297/69	Continuing Calibration Blank		Water	6010B	
ICB 220-24297/4	Initial Calibration Blank		Water	6010B	
LCS 220-24277/2-A	Lab Control Spike	T	Water	6010B	220-24277
MB 220-24277/1-A	Method Blank	T	Water	6010B	220-24277
220-7945-1	MW-24	D	Water	6010B	220-24277
220-8015-C-5-B DU	Duplicate	T	Water	6010B	220-24277
220-8015-C-5-C MS	Matrix Spike	T	Water	6010B	220-24277
220-8015-C-5-D MSD	Matrix Spike Duplicate	T	Water	6010B	220-24277
220-8015-C-5-A SD ^5	Serial Dilution	T	Water	6010B	220-24277

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-24359					
CCB 220-24359/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-24359/21	Continuing Calibration Blank		Water	6010B	
ICB 220-24359/4	Initial Calibration Blank		Water	6010B	
220-7945-2	MW-26S	D	Water	6010B	220-24277
220-7945-3	MW-30S	D	Water	6010B	220-24277
220-7945-4	MW-31S	D	Water	6010B	220-24277
220-7945-5	MW-33S	D	Water	6010B	220-24277
220-7945-6	MW-34S	D	Water	6010B	220-24277
220-7945-7	MW-35S	D	Water	6010B	220-24277
220-7945-8	OW-4	D	Water	6010B	220-24277

Report Basis
D = Dissolved
T = Total

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-24090					
LCS 220-24090/14	Lab Control Spike	T	Water	SM 2320B	
LCS 220-24090/18	Lab Control Spike	T	Water	SM 2320B	
LCS 220-24090/3	Lab Control Spike	T	Water	SM 2320B	
MB 220-24090/5	Method Blank	T	Water	SM 2320B	
220-7945-1	MW-24	T	Water	SM 2320B	
220-7945-1DU	Duplicate	T	Water	SM 2320B	
220-7945-2	MW-26S	T	Water	SM 2320B	
220-7945-3	MW-30S	T	Water	SM 2320B	
220-7945-4	MW-31S	T	Water	SM 2320B	
220-7945-5	MW-33S	T	Water	SM 2320B	
220-7945-6	MW-34S	T	Water	SM 2320B	
220-7945-7	MW-35S	T	Water	SM 2320B	
220-7945-8	OW-4	T	Water	SM 2320B	
Analysis Batch:220-24188					
CCB 220-24188/11	Continuing Calibration Blank		Water	9060	
CCB 220-24188/20	Continuing Calibration Blank		Water	9060	
CCB 220-24188/4	Continuing Calibration Blank		Water	9060	
ICB 220-24188/2	Initial Calibration Blank		Water	9060	
LCS 220-24188/5 ^4	Lab Control Spike	T	Water	9060	
MB 220-24188/6	Method Blank	T	Water	9060	
220-7933-A-3 DU ^200	Duplicate	T	Water	9060	
220-7933-A-3 MS ^200	Matrix Spike	T	Water	9060	
220-7945-8	OW-4	T	Water	9060	
Analysis Batch:220-24189					
CCB 220-24189/15	Continuing Calibration Blank		Water	9060	
CCB 220-24189/27	Continuing Calibration Blank		Water	9060	
CCB 220-24189/35	Continuing Calibration Blank		Water	9060	
CCB 220-24189/4	Continuing Calibration Blank		Water	9060	
ICB 220-24189/2	Initial Calibration Blank		Water	9060	
LCS 220-24189/33 ^4	Lab Control Spike	T	Water	9060	
MB 220-24189/5	Method Blank	T	Water	9060	
220-7919-E-6 DU	Duplicate	T	Water	9060	
220-7919-D-6 MS	Matrix Spike	T	Water	9060	
220-7919-D-6 MSD	Matrix Spike Duplicate	T	Water	9060	
220-7945-1	MW-24	T	Water	9060	
220-7945-2	MW-26S	T	Water	9060	
220-7945-3	MW-30S	T	Water	9060	
220-7945-4	MW-31S	T	Water	9060	
220-7945-5	MW-33S	T	Water	9060	
220-7945-6	MW-34S	T	Water	9060	
220-7945-7	MW-35S	T	Water	9060	

Client: Roux Associates, Inc.

Job Number: 220-7945-1
Sdg Number: 220-7945-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-7945-1
SDG: 220-7945-1

Laboratory Chronicle

Lab ID: 220-7945-1 **Client ID: MW-24**

Sample Date/Time: 02/02/2009 09:58 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-D-1		220-24246		02/10/2009 16:12	1	TAL CT	BK
A:8260B	220-7945-D-1		220-24246		02/10/2009 16:12	1	TAL CT	BK
P:3010A	220-7945-A-1-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-1-A		220-24143	220-24079	02/06/2009 16:37	1	TAL CT	NP
P:3010A	220-7945-B-1-C		220-24297	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-1-C		220-24297	220-24277	02/12/2009 17:06	1	TAL CT	NP
A:9060	220-7945-E-1		220-24189		02/06/2009 03:31	1	TAL CT	DM
A:SM 2320B	220-7945-B-1		220-24090		02/04/2009 15:31	1	TAL CT	JM

Lab ID: 220-7945-1 MS **Client ID: MW-24**

Sample Date/Time: 02/02/2009 09:58 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-7945-A-1-C MS		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-1-C MS		220-24143	220-24079	02/06/2009 16:48	1	TAL CT	NP

Lab ID: 220-7945-1 DU **Client ID: MW-24**

Sample Date/Time: 02/02/2009 09:58 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-7945-A-1-B DU		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-1-B DU		220-24143	220-24079	02/06/2009 16:43	1	TAL CT	NP
A:SM 2320B	220-7945-B-1 DU		220-24090		02/04/2009 15:38	1	TAL CT	JM

Lab ID: 220-7945-2 **Client ID: MW-26S**

Sample Date/Time: 02/02/2009 11:15 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-D-2		220-24246		02/10/2009 16:42	1	TAL CT	BK
A:8260B	220-7945-D-2		220-24246		02/10/2009 16:42	1	TAL CT	BK
P:3010A	220-7945-A-2-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-2-A		220-24143	220-24079	02/06/2009 17:00	1	TAL CT	NP
P:3010A	220-7945-B-2-B		220-24359	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-2-B		220-24359	220-24277	02/16/2009 10:34	1	TAL CT	NP
A:9060	220-7945-E-2		220-24189		02/06/2009 04:12	1	TAL CT	DM
A:SM 2320B	220-7945-B-2		220-24090		02/04/2009 15:45	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-7945-1
SDG: 220-7945-1

Laboratory Chronicle

Lab ID: 220-7945-3 **Client ID: MW-30S**

Sample Date/Time: 02/02/2009 12:20 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-D-3		220-24246		02/10/2009 17:11	1	TAL CT	BK
A:8260B	220-7945-D-3		220-24246		02/10/2009 17:11	1	TAL CT	BK
P:3010A	220-7945-A-3-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-3-A		220-24143	220-24079	02/06/2009 17:06	1	TAL CT	NP
P:3010A	220-7945-B-3-B		220-24359	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-3-B		220-24359	220-24277	02/16/2009 10:40	1	TAL CT	NP
A:9060	220-7945-E-3		220-24189		02/06/2009 05:59	1	TAL CT	DM
A:SM 2320B	220-7945-B-3		220-24090		02/04/2009 15:53	1	TAL CT	JM

Lab ID: 220-7945-4 **Client ID: MW-31S**

Sample Date/Time: 02/02/2009 13:20 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-D-4		220-24246		02/10/2009 17:40	1	TAL CT	BK
A:8260B	220-7945-D-4		220-24246		02/10/2009 17:40	1	TAL CT	BK
P:3010A	220-7945-A-4-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-4-A		220-24143	220-24079	02/06/2009 17:11	1	TAL CT	NP
P:3010A	220-7945-B-4-B		220-24359	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-4-B		220-24359	220-24277	02/16/2009 10:46	1	TAL CT	NP
A:9060	220-7945-E-4		220-24189		02/06/2009 06:27	1	TAL CT	DM
A:SM 2320B	220-7945-B-4		220-24090		02/04/2009 16:01	1	TAL CT	JM

Lab ID: 220-7945-5 **Client ID: MW-33S**

Sample Date/Time: 02/02/2009 11:50 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-C-5		220-24290		02/11/2009 19:09	1	TAL CT	BK
A:8260B	220-7945-C-5		220-24290		02/11/2009 19:09	1	TAL CT	BK
P:3010A	220-7945-A-5-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-5-A		220-24143	220-24079	02/06/2009 17:17	1	TAL CT	NP
P:3010A	220-7945-B-5-B		220-24359	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-5-B		220-24359	220-24277	02/16/2009 10:51	1	TAL CT	NP
A:9060	220-7945-E-5		220-24189		02/06/2009 07:05	1	TAL CT	DM
A:SM 2320B	220-7945-B-5		220-24090		02/04/2009 16:09	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-7945-1
SDG: 220-7945-1

Laboratory Chronicle

Lab ID: 220-7945-6 **Client ID: MW-34S**

Sample Date/Time: 02/02/2009 09:20 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-D-6		220-24246		02/10/2009 19:09	1	TAL CT	BK
A:8260B	220-7945-D-6		220-24246		02/10/2009 19:09	1	TAL CT	BK
P:3010A	220-7945-A-6-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-6-A		220-24143	220-24079	02/06/2009 17:23	1	TAL CT	NP
P:3010A	220-7945-B-6-B		220-24359	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-6-B		220-24359	220-24277	02/16/2009 10:57	1	TAL CT	NP
A:9060	220-7945-E-6		220-24189		02/06/2009 07:43	1	TAL CT	DM
A:SM 2320B	220-7945-B-6		220-24090		02/04/2009 16:16	1	TAL CT	JM

Lab ID: 220-7945-7 **Client ID: MW-35S**

Sample Date/Time: 02/02/2009 09:00 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-C-7		220-24290		02/11/2009 20:08	1	TAL CT	BK
A:8260B	220-7945-C-7		220-24290		02/11/2009 20:08	1	TAL CT	BK
P:3010A	220-7945-A-7-A		220-24185	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	220-7945-A-7-A		220-24185	220-24079	02/09/2009 12:47	1	TAL CT	NP
P:3010A	220-7945-B-7-B		220-24359	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-7-B		220-24359	220-24277	02/16/2009 11:03	1	TAL CT	NP
A:9060	220-7945-E-7		220-24189		02/06/2009 08:24	1	TAL CT	DM
A:SM 2320B	220-7945-B-7		220-24090		02/04/2009 16:45	1	TAL CT	JM

Lab ID: 220-7945-8 **Client ID: OW-4**

Sample Date/Time: 02/02/2009 10:40 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-C-8		220-24290		02/11/2009 20:38	1	TAL CT	BK
A:8260B	220-7945-C-8		220-24290		02/11/2009 20:38	1	TAL CT	BK
P:5030B	220-7945-D-8		220-24314		02/12/2009 15:38	20	TAL CT	BK
A:8260B	220-7945-D-8		220-24314		02/12/2009 15:38	20	TAL CT	BK
P:3010A	220-7945-A-8-A		220-24200	220-24177	02/09/2009 12:30	1	TAL CT	JFV
A:6010B	220-7945-A-8-A		220-24200	220-24177	02/10/2009 11:26	1	TAL CT	NP
P:3010A	220-7945-B-8-B		220-24359	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-7945-B-8-B		220-24359	220-24277	02/16/2009 11:09	1	TAL CT	NP
A:9060	220-7945-E-8		220-24188		02/06/2009 12:07	1	TAL CT	DM
A:SM 2320B	220-7945-B-8		220-24090		02/04/2009 16:52	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-7945-1
SDG: 220-7945-1

Laboratory Chronicle

Lab ID: 220-7945-9 **Client ID: DUP-020209**

Sample Date/Time: 02/02/2009 10:00 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-B-9		220-24314		02/12/2009 14:39	1	TAL CT	BK
A:8260B	220-7945-B-9		220-24314		02/12/2009 14:39	1	TAL CT	BK

Lab ID: 220-7945-10 **Client ID: FB-020209**

Sample Date/Time: 02/02/2009 08:30 Received Date/Time: 02/03/2009 09:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-7945-B-10		220-24314		02/12/2009 15:08	1	TAL CT	BK
A:8260B	220-7945-B-10		220-24314		02/12/2009 15:08	1	TAL CT	BK

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 220-24246/3		220-24246		02/10/2009 12:04	1	TAL CT	BK
A:8260B	MB 220-24246/3		220-24246		02/10/2009 12:04	1	TAL CT	BK
P:5030B	MB 220-24290/3		220-24290		02/11/2009 18:40	1	TAL CT	BK
A:8260B	MB 220-24290/3		220-24290		02/11/2009 18:40	1	TAL CT	BK
P:5030B	MB 220-24314/3		220-24314		02/12/2009 14:09	1	TAL CT	BK
A:8260B	MB 220-24314/3		220-24314		02/12/2009 14:09	1	TAL CT	BK
P:3010A	MB 220-24079/1-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	MB 220-24079/1-A		220-24143	220-24079	02/06/2009 14:42	1	TAL CT	NP
P:3010A	MB 220-24177/1-A		220-24200	220-24177	02/09/2009 12:30	1	TAL CT	JFV
A:6010B	MB 220-24177/1-A		220-24200	220-24177	02/10/2009 11:00	1	TAL CT	NP
P:3010A	MB 220-24277/1-A		220-24297	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	MB 220-24277/1-A		220-24297	220-24277	02/12/2009 16:20	1	TAL CT	NP
A:9060	MB 220-24189/5		220-24189		02/05/2009 17:11	1	TAL CT	DM
A:9060	MB 220-24188/6		220-24188		02/06/2009 11:37	1	TAL CT	DM
A:SM 2320B	MB 220-24090/5		220-24090		02/04/2009 15:24	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-7945-1
SDG: 220-7945-1

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 220-24246/2		220-24246		02/10/2009 11:05	1	TAL CT	BK
A:8260B	LCS 220-24246/2		220-24246		02/10/2009 11:05	1	TAL CT	BK
P:5030B	LCS 220-24290/2		220-24290		02/11/2009 17:40	1	TAL CT	BK
A:8260B	LCS 220-24290/2		220-24290		02/11/2009 17:40	1	TAL CT	BK
P:5030B	LCS 220-24314/2		220-24314		02/12/2009 13:10	1	TAL CT	BK
A:8260B	LCS 220-24314/2		220-24314		02/12/2009 13:10	1	TAL CT	BK
P:3010A	LCS 220-24079/2-A		220-24143	220-24079	02/04/2009 12:27	1	TAL CT	JFV
A:6010B	LCS 220-24079/2-A		220-24143	220-24079	02/06/2009 14:48	1	TAL CT	NP
P:3010A	LCS 220-24177/2-A		220-24200	220-24177	02/09/2009 12:30	1	TAL CT	JFV
A:6010B	LCS 220-24177/2-A		220-24200	220-24177	02/10/2009 11:05	1	TAL CT	NP
P:3010A	LCS 220-24277/2-A		220-24297	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	LCS 220-24277/2-A		220-24297	220-24277	02/12/2009 16:26	1	TAL CT	NP
A:9060	LCS 220-24189/33 ^4		220-24189		02/06/2009 09:56	4	TAL CT	DM
A:9060	LCS 220-24188/5 ^4		220-24188		02/06/2009 10:50	4	TAL CT	DM
A:SM 2320B	LCS 220-24090/3		220-24090		02/04/2009 15:13	1	TAL CT	JM
A:SM 2320B	LCS 220-24090/14		220-24090		02/04/2009 16:28	1	TAL CT	JM
A:SM 2320B	LCS 220-24090/18		220-24090		02/04/2009 17:05	1	TAL CT	JM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-7988-B-6-C MS		220-24200	220-24177	02/09/2009 12:30	1	TAL CT	JFV
A:6010B	220-7988-B-6-C MS		220-24200	220-24177	02/10/2009 12:34	1	TAL CT	NP
P:3010A	220-8015-C-5-C MS		220-24297	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-8015-C-5-C MS		220-24297	220-24277	02/12/2009 17:52	1	TAL CT	NP
A:9060	220-7919-D-6 MS		220-24189		02/05/2009 20:48	1	TAL CT	DM
A:9060	220-7933-A-3 MS ^200		220-24188		02/06/2009 17:57	200	TAL CT	DM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8015-C-5-D MSD		220-24297	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-8015-C-5-D MSD		220-24297	220-24277	02/12/2009 18:01	1	TAL CT	NP
A:9060	220-7919-D-6 MSD		220-24189		02/05/2009 23:21	1	TAL CT	DM

Client: Roux Associates, Inc.

Job Number: 220-7945-1
SDG: 220-7945-1

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-7988-B-6-B DU		220-24200	220-24177	02/09/2009 12:30	1	TAL CT	JFV
A:6010B	220-7988-B-6-B DU		220-24200	220-24177	02/10/2009 12:29	1	TAL CT	NP
P:3010A	220-8015-C-5-B DU		220-24297	220-24277	02/12/2009 12:20	1	TAL CT	JFV
A:6010B	220-8015-C-5-B DU		220-24297	220-24277	02/12/2009 17:35	1	TAL CT	NP
A:9060	220-7919-E-6 DU		220-24189		02/05/2009 20:05	1	TAL CT	DM
A:9060	220-7933-A-3 DU ^200		220-24188		02/06/2009 17:00	200	TAL CT	DM

Lab References:
TAL CT = TestAmerica Connecticut

GC/MS VOA

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	12DCE #	TOL #	BFB #
MW-24	220-7945-1	96	103	74	82
MW-26S	220-7945-2	99	103	75	86
MW-30S	220-7945-3	97	103	73	79
MW-31S	220-7945-4	106	111	79	91
MW-33S	220-7945-5	106	112	89	106
MW-34S	220-7945-6	102	110	75	86
MW-35S	220-7945-7	91	99	73	89
OW-4	220-7945-8	87	95	74	87
OW-4 DL	220-7945-8 DL	100	108	78	90
DUP-020209	220-7945-9	97	104	75	91
FB-020209	220-7945-10	98	105	75	86
	MB 220-24246/3	88	94	74	87
	MB 220-24290/3	87	90	74	90
	MB 220-24314/3	94	99	75	89
	LCS 220-24246/2	85	88	78	83
	LCS 220-24290/2	80	82	76	85
	LCS 220-24314/2	82	89	72	81

	QC LIMITS
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water Level: Low Lab File ID: W2831.D

Lab ID: LCS 220-24246/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	17.6	176	18-263	
Benzene	10.0	9.19	92	68-126	
Bromodichloromethane	10.0	10.2	102	67-118	
Bromoform	10.0	9.29	93	63-115	
Bromomethane	10.0	11.3	113	27-171	
Methyl Ethyl Ketone	10.0	14.0	140	30-222	
Carbon disulfide	10.0	9.88	99	44-142	
Carbon tetrachloride	10.0	9.98	100	56-131	
Chlorobenzene	10.0	7.99	80	71-114	
Chloroethane	10.0	11.6	116	53-167	
Chloroform	10.0	10.1	101	70-124	
Chloromethane	10.0	8.90	89	43-134	
Dibromochloromethane	10.0	9.32	93	65-114	
1,1-Dichloroethane	10.0	9.66	97	67-121	
1,2-Dichloroethane	10.0	10.7	107	68-124	
1,1-Dichloroethene	10.0	8.83	88	57-137	
1,2-Dichloropropane	10.0	9.35	93	69-122	
cis-1,3-Dichloropropene	10.0	8.58	86	60-122	
trans-1,3-Dichloropropene	10.0	9.51	95	55-126	
Ethylbenzene	10.0	8.00	80	71-115	
2-Hexanone	10.0	9.63 J	96	54-179	
Methylene Chloride	10.0	10.0	100	61-129	
methyl isobutyl ketone	10.0	10.1	101	61-140	
Styrene	10.0	7.06	71	69-112	
1,1,2,2-Tetrachloroethane	10.0	9.34	93	66-129	
Tetrachloroethene	10.0	6.96	70	62-118	
Toluene	10.0	8.28	83	70-116	
1,1,1-Trichloroethane	10.0	10.3	103	60-128	
1,1,2-Trichloroethane	10.0	10.1	101	70-119	
Trichloroethene	10.0	8.24	82	58-125	
Vinyl chloride	10.0	9.27	93	51-139	
Xylenes, Total	30.0	23.5	78	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water Level: Low Lab File ID: W2873.D

Lab ID: LCS 220-24290/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	11.4	114	18-263	
Benzene	10.0	7.81	78	68-126	
Bromodichloromethane	10.0	9.07	91	67-118	
Bromoform	10.0	8.97	90	63-115	
Bromomethane	10.0	9.97	100	27-171	
Methyl Ethyl Ketone	10.0	9.56 J	96	30-222	
Carbon disulfide	10.0	7.60	76	44-142	
Carbon tetrachloride	10.0	8.36	84	56-131	
Chlorobenzene	10.0	7.06	71	71-114	
Chloroethane	10.0	9.78	98	53-167	
Chloroform	10.0	8.83	88	70-124	
Chloromethane	10.0	7.33	73	43-134	
Dibromochloromethane	10.0	8.62	86	65-114	
1,1-Dichloroethane	10.0	7.86	79	67-121	
1,2-Dichloroethane	10.0	9.57	96	68-124	
1,1-Dichloroethene	10.0	7.17	72	57-137	
1,2-Dichloropropane	10.0	8.01	80	69-122	
cis-1,3-Dichloropropene	10.0	7.94	79	60-122	
trans-1,3-Dichloropropene	10.0	8.92	89	55-126	
Ethylbenzene	10.0	6.93	69	71-115	*
2-Hexanone	10.0	8.04 J	80	54-179	
Methylene Chloride	10.0	8.70	87	61-129	
methyl isobutyl ketone	10.0	9.12 J	91	61-140	
Styrene	10.0	6.57	66	69-112	*
1,1,2,2-Tetrachloroethane	10.0	8.35	83	66-129	
Tetrachloroethene	10.0	6.00	60	62-118	*
Toluene	10.0	7.02	70	70-116	
1,1,1-Trichloroethane	10.0	8.77	88	60-128	
1,1,2-Trichloroethane	10.0	9.31	93	70-119	
Trichloroethene	10.0	7.02	70	58-125	
Vinyl chloride	10.0	7.75	78	51-139	
Xylenes, Total	30.0	20.8	69	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water Level: Low Lab File ID: W2911.D

Lab ID: LCS 220-24314/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	23.7	237	18-263	
Benzene	10.0	7.86	79	68-126	
Bromodichloromethane	10.0	9.75	98	67-118	
Bromoform	10.0	9.37	94	63-115	
Bromomethane	10.0	10.7	107	27-171	
Methyl Ethyl Ketone	10.0	16.4	164	30-222	
Carbon disulfide	10.0	8.57	86	44-142	
Carbon tetrachloride	10.0	9.45	94	56-131	
Chlorobenzene	10.0	7.15	71	71-114	
Chloroethane	10.0	10.8	108	53-167	
Chloroform	10.0	9.37	94	70-124	
Chloromethane	10.0	8.25	82	43-134	
Dibromochloromethane	10.0	8.72	87	65-114	
1,1-Dichloroethane	10.0	8.42	84	67-121	
1,2-Dichloroethane	10.0	10.5	105	68-124	
1,1-Dichloroethene	10.0	7.79	78	57-137	
1,2-Dichloropropane	10.0	7.94	79	69-122	
cis-1,3-Dichloropropene	10.0	8.17	82	60-122	
trans-1,3-Dichloropropene	10.0	9.38	94	55-126	
Ethylbenzene	10.0	7.16	72	71-115	
2-Hexanone	10.0	11.0	110	54-179	
Methylene Chloride	10.0	9.36	94	61-129	
methyl isobutyl ketone	10.0	9.64 J	96	61-140	
Styrene	10.0	6.52	65	69-112	*
1,1,2,2-Tetrachloroethane	10.0	8.63	86	66-129	
Tetrachloroethene	10.0	6.20	62	62-118	
Toluene	10.0	7.02	70	70-116	
1,1,1-Trichloroethane	10.0	9.66	97	60-128	
1,1,2-Trichloroethane	10.0	9.66	97	70-119	
Trichloroethene	10.0	7.51	75	58-125	
Vinyl chloride	10.0	8.72	87	51-139	
Xylenes, Total	30.0	20.5	68	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab File ID: W2833.D Lab Sample ID: MB 220-24246/3

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

Instrument ID: MSW Date Analyzed: 02/10/2009 12:04

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24246/2	W2831.D	02/10/2009 11:05
MW-24	220-7945-1	W2841.D	02/10/2009 16:12
MW-26S	220-7945-2	W2842.D	02/10/2009 16:42
MW-30S	220-7945-3	W2843.D	02/10/2009 17:11
MW-31S	220-7945-4	W2844.D	02/10/2009 17:40
MW-34S	220-7945-6	W2847.D	02/10/2009 19:09

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab File ID: W2875.D Lab Sample ID: MB 220-24290/3

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

Instrument ID: MSW Date Analyzed: 02/11/2009 18:40

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24290/2	W2873.D	02/11/2009 17:40
MW-33S	220-7945-5	W2876.D	02/11/2009 19:09
MW-35S	220-7945-7	W2878.D	02/11/2009 20:08
OW-4	220-7945-8	W2879.D	02/11/2009 20:38

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab File ID: W2913.D Lab Sample ID: MB 220-24314/3

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

Instrument ID: MSW Date Analyzed: 02/12/2009 14:09

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24314/2	W2911.D	02/12/2009 13:10
DUP-020209	220-7945-9	W2914.D	02/12/2009 14:39
FB-020209	220-7945-10	W2915.D	02/12/2009 15:08
OW-4 DL	220-7945-8 DL	W2916.D	02/12/2009 15:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab File ID: WB003.D BFB Injection Date: 02/05/2009

Instrument ID: MSW BFB Injection Time: 19:54

Analysis Batch No.: 24168

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	47.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	89.7	
175	5.0 - 9.0 % of mass 174	6.2	(6.9)1
176	95.0 - 101.0 % of mass 174	86.4	(96.2)1
177	5.0 - 9.0 % of mass 176	5.5	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-24168/1	W2739.D	02/05/2009	20:50
	IC 220-24168/2	W2740.D	02/05/2009	21:19
	IC 220-24168/3	W2741.D	02/05/2009	21:48
	IC 220-24168/4	W2742.D	02/05/2009	22:17
	IC 220-24168/5	W2743.D	02/05/2009	22:46
	IC 220-24168/6	W2744.D	02/05/2009	23:16

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab File ID: WB007.D BFB Injection Date: 02/10/2009

Instrument ID: MSW BFB Injection Time: 10:18

Analysis Batch No.: 24246

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	51.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	84.6	
175	5.0 - 9.0 % of mass 174	5.9	(7.0)1
176	95.0 - 101.0 % of mass 174	82.3	(97.3)1
177	5.0 - 9.0 % of mass 176	5.2	(6.3)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24246/1	W2830.D	02/10/2009	10:27
	LCS 220-24246/2	W2831.D	02/10/2009	11:05
	MB 220-24246/3	W2833.D	02/10/2009	12:04
MW-24	220-7945-1	W2841.D	02/10/2009	16:12
MW-26S	220-7945-2	W2842.D	02/10/2009	16:42
MW-30S	220-7945-3	W2843.D	02/10/2009	17:11
MW-31S	220-7945-4	W2844.D	02/10/2009	17:40
MW-34S	220-7945-6	W2847.D	02/10/2009	19:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab File ID: WB013.D BFB Injection Date: 02/11/2009

Instrument ID: MSW BFB Injection Time: 16:49

Analysis Batch No.: 24290

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.5	
75	30.0 - 60.0 % of mass 95	50.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.5	(0.5)1
174	50.0 - 120.00 % of mass 95	90.1	
175	5.0 - 9.0 % of mass 174	6.3	(6.9)1
176	95.0 - 101.0 % of mass 174	86.9	(96.5)1
177	5.0 - 9.0 % of mass 176	5.7	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24290/1	W2872.D	02/11/2009	16:59
	LCS 220-24290/2	W2873.D	02/11/2009	17:40
	MB 220-24290/3	W2875.D	02/11/2009	18:40
MW-33S	220-7945-5	W2876.D	02/11/2009	19:09
MW-35S	220-7945-7	W2878.D	02/11/2009	20:08
OW-4	220-7945-8	W2879.D	02/11/2009	20:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab File ID: WB016.D BFB Injection Date: 02/12/2009

Instrument ID: MSW BFB Injection Time: 12:20

Analysis Batch No.: 24314

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.9	(0.9)1
174	50.0 - 120.00 % of mass 95	94.2	
175	5.0 - 9.0 % of mass 174	6.6	(7.0)1
176	95.0 - 101.0 % of mass 174	90.2	(95.7)1
177	5.0 - 9.0 % of mass 176	5.9	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24314/1	W2910.D	02/12/2009	12:30
	LCS 220-24314/2	W2911.D	02/12/2009	13:10
	MB 220-24314/3	W2913.D	02/12/2009	14:09
DUP-020209	220-7945-9	W2914.D	02/12/2009	14:39
FB-020209	220-7945-10	W2915.D	02/12/2009	15:08
OW-4 DL	220-7945-8 DL	W2916.D	02/12/2009	15:38

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

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Sample No.: CCVIS 220-24246/1 Date Analyzed: 02/10/2009 10:27

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): W2830.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		364547	4.97	318898	8.72	191582	11.13
UPPER LIMIT		729094	5.47	637796	9.22	383164	11.63
LOWER LIMIT		182274	4.47	159449	8.22	95791	10.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24246/2		350106	4.97	321547	8.71	192329	11.13
MB 220-24246/3		309793	4.97	284117	8.72	130164	11.13
220-7945-1	MW-24	255824	4.97	242792	8.72	111293	11.13
220-7945-2	MW-26S	250151	4.97	232569	8.72	106980	11.13
220-7945-3	MW-30S	250829	4.97	235106	8.72	114950	11.13
220-7945-4	MW-31S	234879	4.97	220052	8.72	98716	11.13
220-7945-6	MW-34S	229377	4.97	218631	8.72	98397	11.13

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Sample No.: CCVIS 220-24290/1 Date Analyzed: 02/11/2009 16:59

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): W2872.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		344350	4.97	310534	8.72	183613	11.13
UPPER LIMIT		688700	5.47	621068	9.22	367226	11.63
LOWER LIMIT		172175	4.47	155267	8.22	91807	10.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24290/2		339610	4.97	312586	8.72	184665	11.13
MB 220-24290/3		279102	4.97	263132	8.72	126907	11.13
220-7945-5	MW-33S	219414	4.97	207856	8.72	99003	11.13
220-7945-7	MW-35S	237224	4.97	229857	8.72	111385	11.13
220-7945-8	OW-4	248653	4.97	236242	8.72	113677	11.13

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Sample No.: CCVIS 220-24314/1 Date Analyzed: 02/12/2009 12:30

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): W2910.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		279968	4.97	262059	8.72	161192	11.13
UPPER LIMIT		559936	5.47	524118	9.22	322384	11.63
LOWER LIMIT		139984	4.47	131030	8.22	80596	10.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24314/2		284664	4.97	271153	8.72	163452	11.13
MB 220-24314/3		225626	4.97	214636	8.72	104091	11.13
220-7945-9	DUP-020209	208456	4.97	203692	8.72	96010	11.13
220-7945-10	FB-020209	208875	4.97	201460	8.72	98224	11.13
220-7945-8 DL	OW-4 DL	194327	4.97	187024	8.72	91282	11.13

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-24 | Lab Sample ID: 220-7945-1

Matrix: Water | Lab File ID: W2841.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2009 16:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.4	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.80	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	2.5	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	6.2		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-24 Lab Sample ID: 220-7945-1

Matrix: Water Lab File ID: W2841.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/10/2009 16:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24246 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	53-125	
460-00-4	4-Bromofluorobenzene	82	73-127	
1868-53-7	Dibromofluoromethane	96	54-137	
2037-26-5	Toluene-d8 (Surr)	74	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2841.D
Lab Smp Id: 220-7945-D-1 Client Smp ID: MW-24
Inj Date : 10-FEB-2009 16:12 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-d-1
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W8260LOW.m
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	255824	25.0000	
	20 Methylene Chloride	84	2.309	2.309	(0.465)	456	0.80231	0.8(M)
	21 Acetone	43	2.352	2.352	(0.473)	2587	2.44428	2(M)
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	96153	23.9979	24
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	125912	25.8438	26
	60 Trichloroethene	130	5.160	5.160	(1.039)	28025	6.17976	6
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	242792	25.0000	
	76 Toluene	91	6.872	6.877	(0.788)	2499	0.13988	0.1
$	77 Toluene-d8	98	6.819	6.819	(0.782)	271172	18.4423	18
	80 Tetrachloroethene	164	7.332	7.327	(0.841)	9482	2.47348	2
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	111293	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.125	(0.911)	83748	20.5472	20

QC Flag Legend

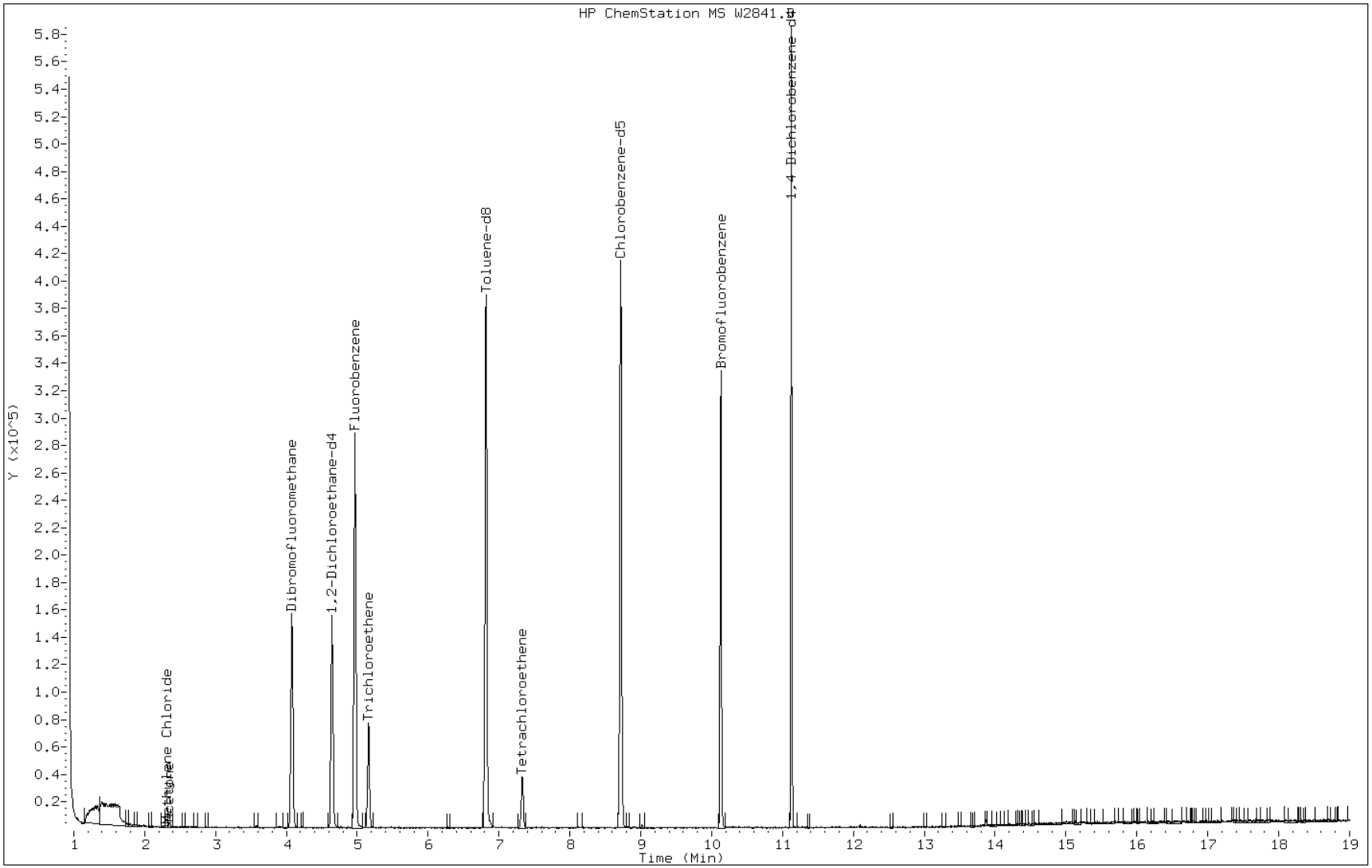
M - Compound response manually integrated.

Data File: W2841.D

Date: 10-FEB-2009 16:12

Client ID: MW-24 Instrument: msw.i

Sample Info: 220-7945-d-1 Operator: B.KOSTRZEWSKA



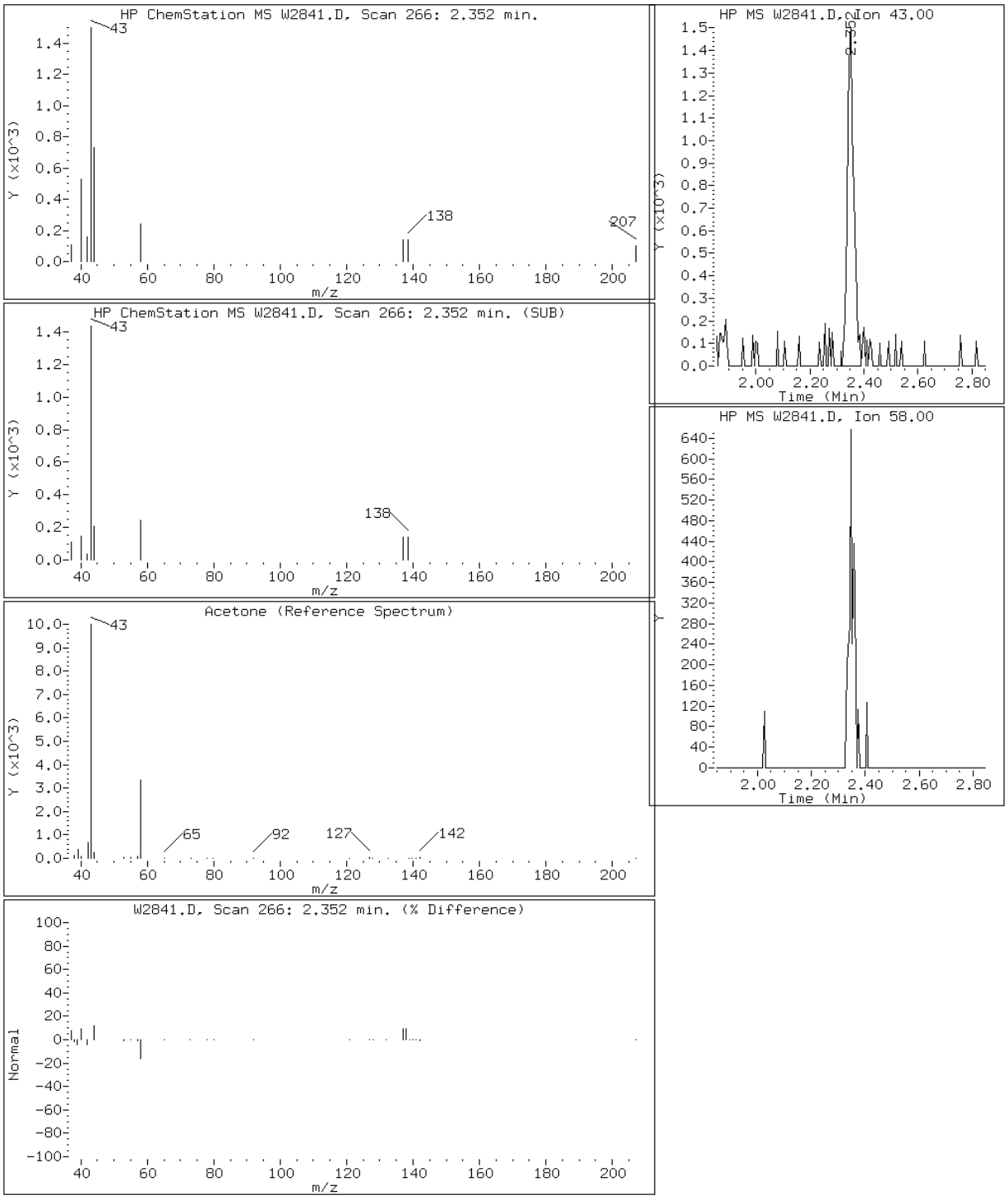
Data File: W2841.D

Date: 10-FEB-2009 16:12

Client ID: MW-24 Instrument: msw.i

Sample Info: 220-7945-d-1 Operator: B.KOSTRZEWSKA

21 Acetone



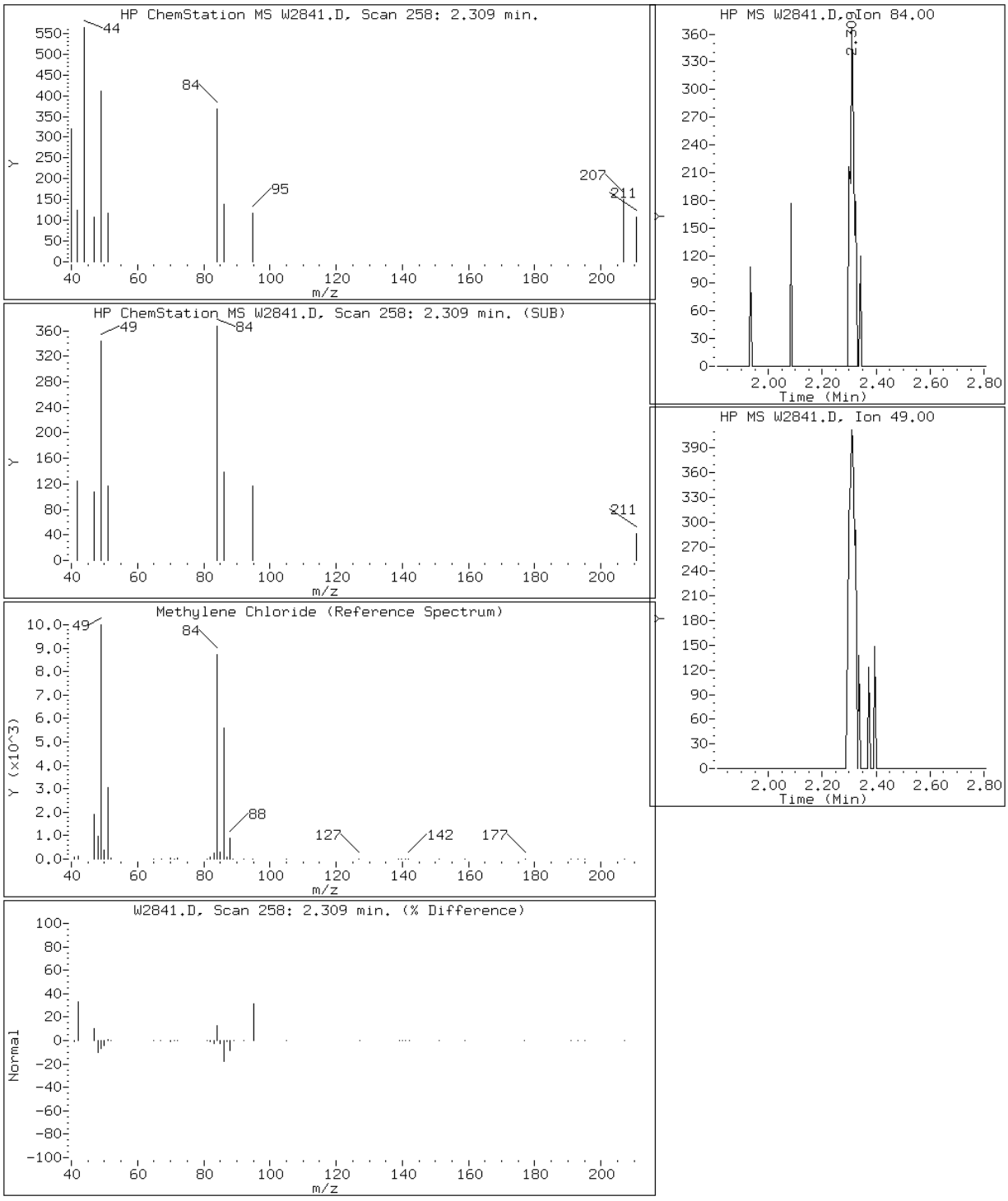
Data File: W2841.D

Date: 10-FEB-2009 16:12

Client ID: MW-24 Instrument: msw.i

Sample Info: 220-7945-d-1 Operator: B.KOSTRZEWSKA

20 Methylene Chloride



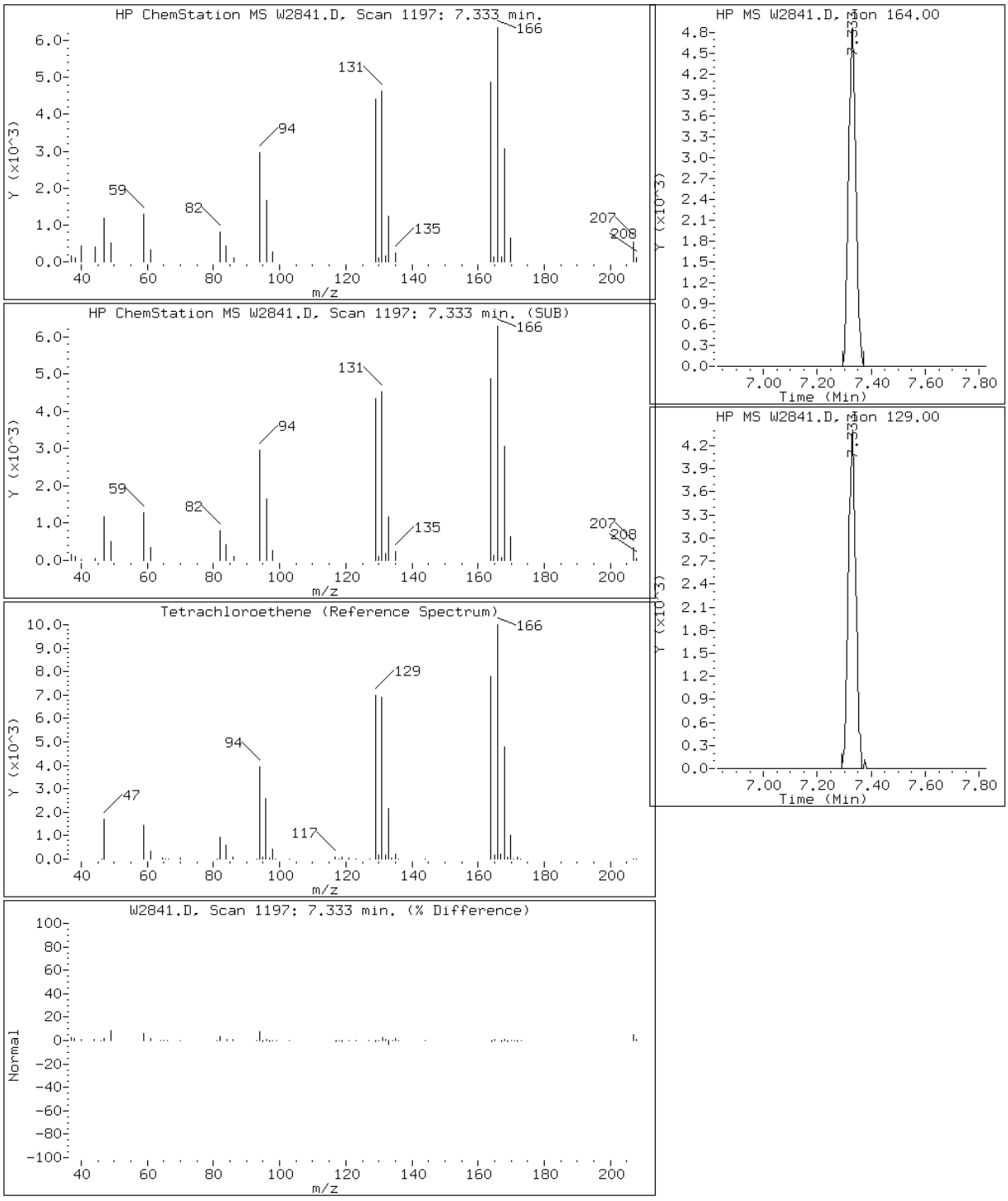
Data File: W2841.D

Date: 10-FEB-2009 16:12

Client ID: MW-24 Instrument: msw.i

Sample Info: 220-7945-d-1 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



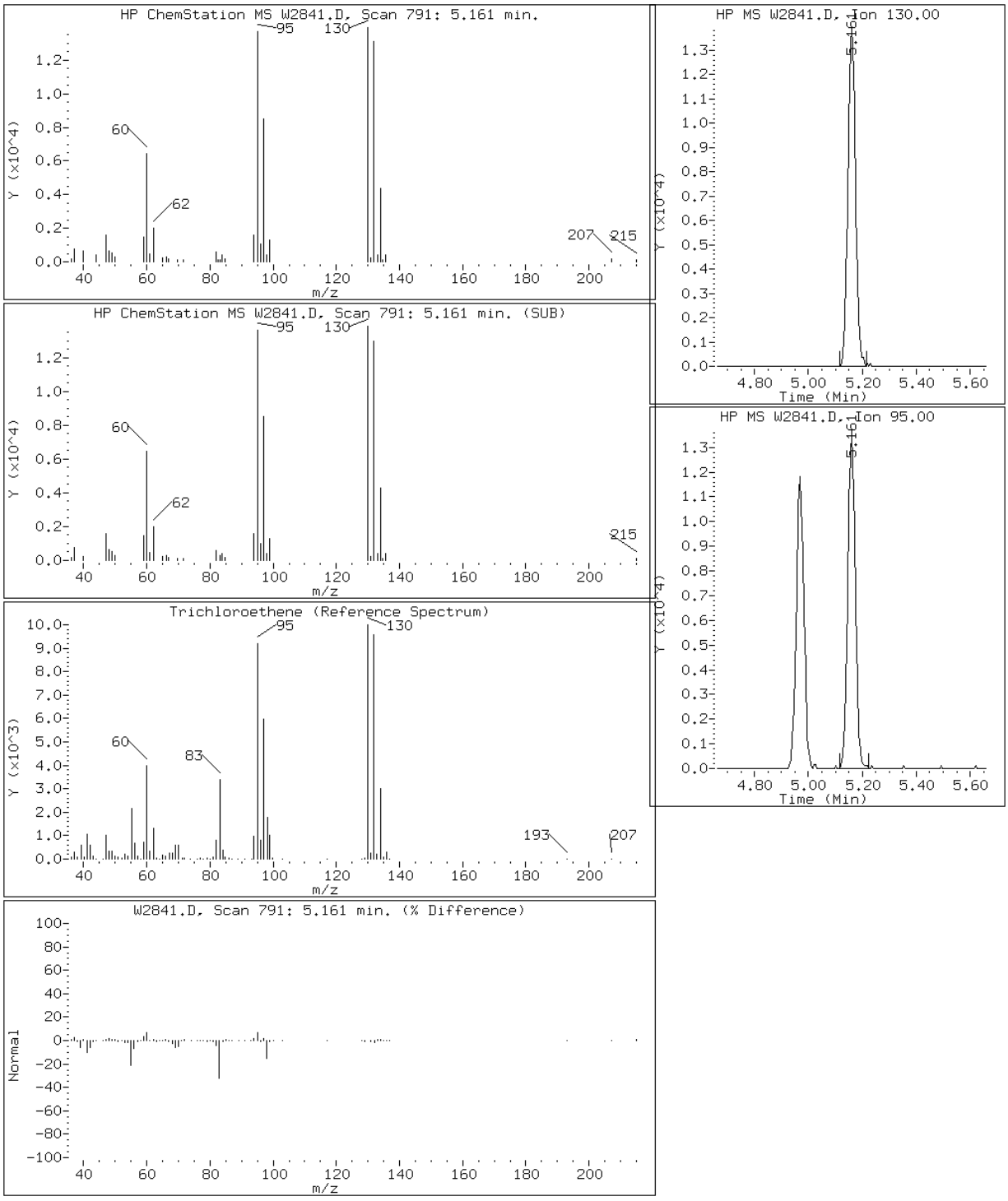
Data File: W2841.D

Date: 10-FEB-2009 16:12

Client ID: MW-24 Instrument: msw.i

Sample Info: 220-7945-d-1 Operator: B.KOSTRZEWSKA

60 Trichloroethene



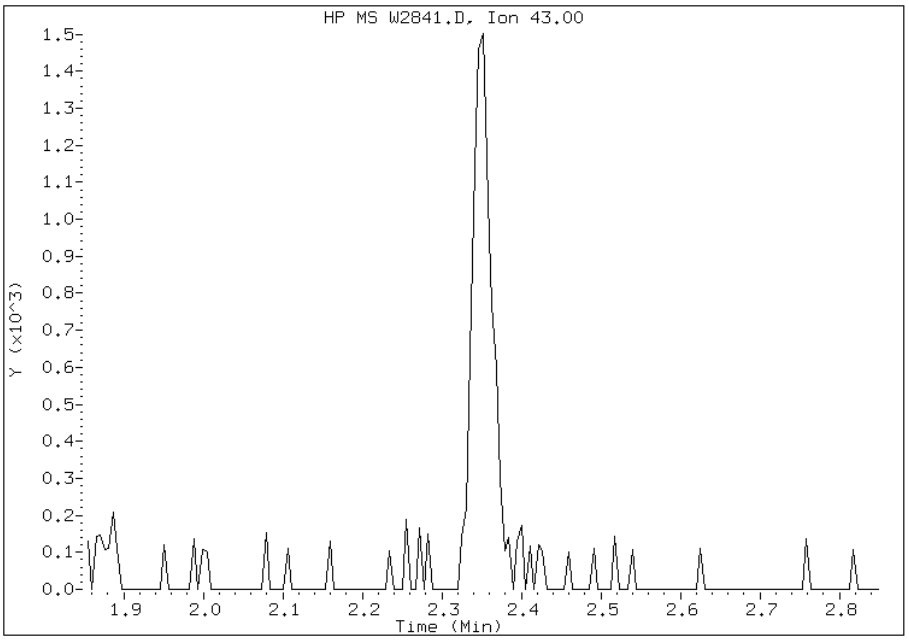
Manual Integration Report

Data File: W2841.D
Inj. Date and Time: 10-FEB-2009 16:12
Instrument ID: msw.i
Client ID: MW-24
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



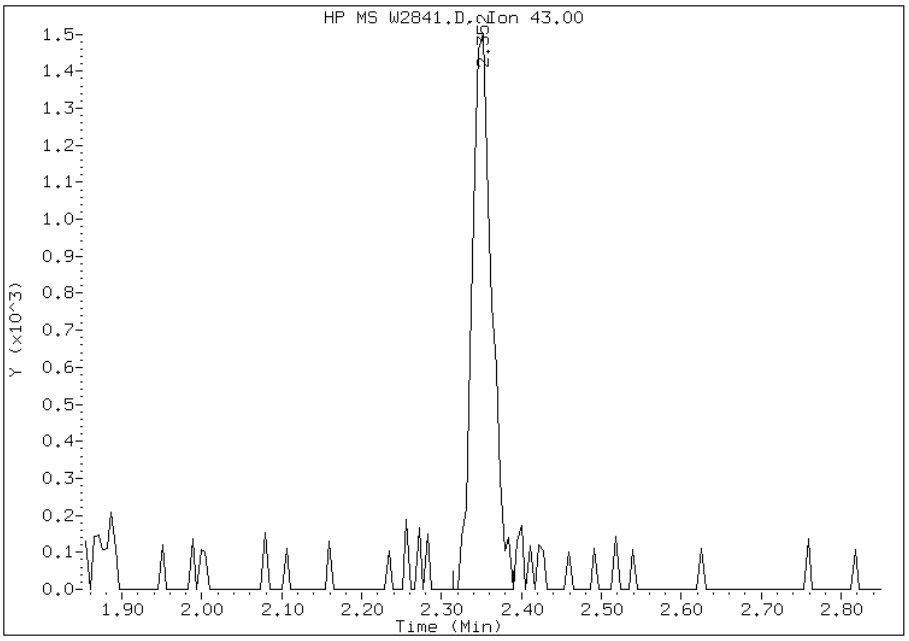
Manual Integration Results

RT: 2.35

Response: 2587

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

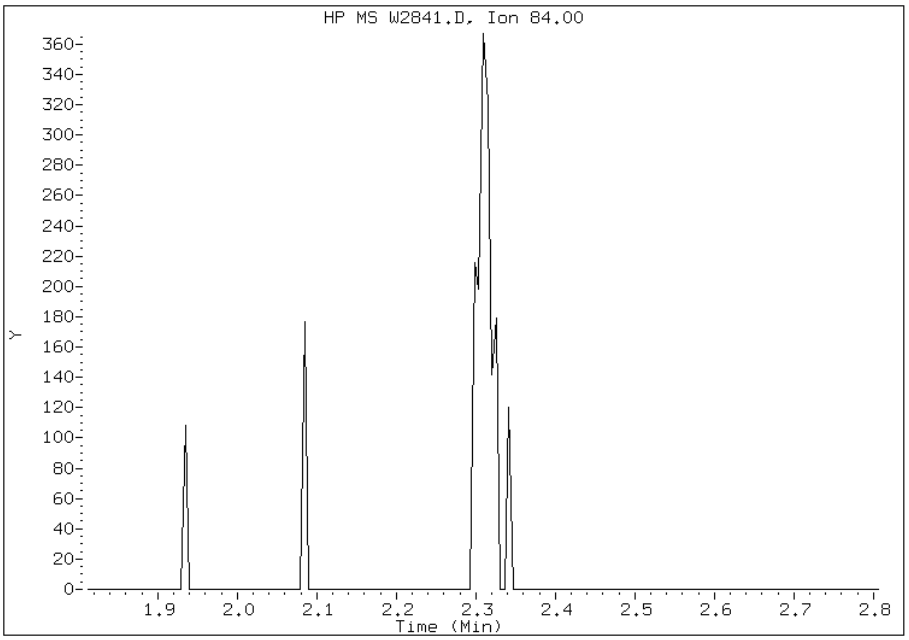
Manual Integration Report

Data File: W2841.D
Inj. Date and Time: 10-FEB-2009 16:12
Instrument ID: msw.i
Client ID: MW-24
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



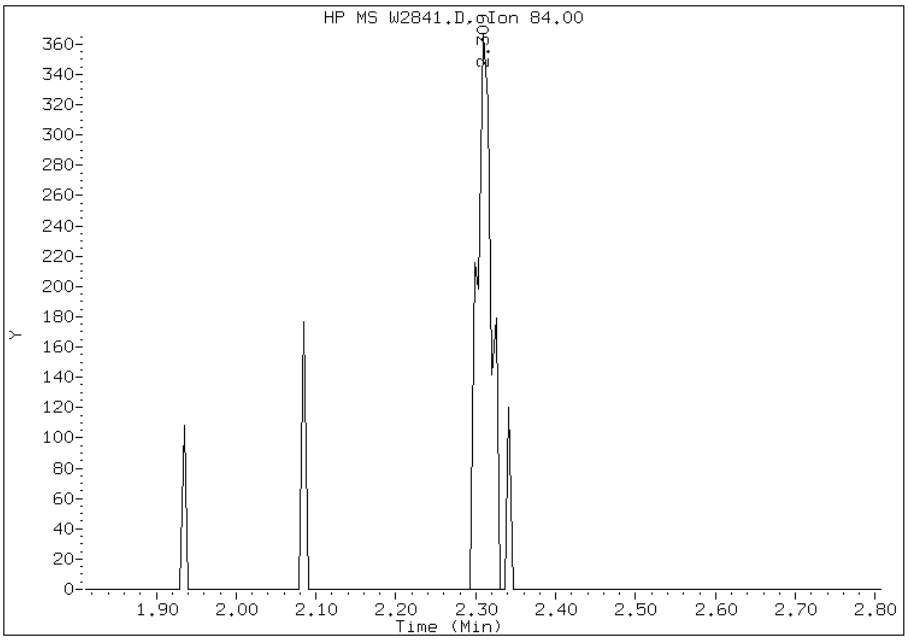
Manual Integration Results

RT: 2.31

Response: 456

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-26S | Lab Sample ID: 220-7945-2

Matrix: Water | Lab File ID: W2842.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2009 16:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.8	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.80	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.8	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-26S Lab Sample ID: 220-7945-2

Matrix: Water Lab File ID: W2842.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/10/2009 16:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24246 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	53-125	
460-00-4	4-Bromofluorobenzene	86	73-127	
1868-53-7	Dibromofluoromethane	99	54-137	
2037-26-5	Toluene-d8 (Surr)	75	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2842.D
Lab Smp Id: 220-7945-D-2 Client Smp ID: MW-26S
Inj Date : 10-FEB-2009 16:42 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-d-2
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W8260LOW.m
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	250151	25.0000	
	20 Methylene Chloride	84	2.304	2.309	(0.464)	422	0.79610	0.8(M)
	21 Acetone	43	2.346	2.352	(0.472)	1666	1.80324	2(M)
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	97073	24.7770	25
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	123204	25.8615	26
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	232569	25.0000	
	76 Toluene	91	6.878	6.877	(0.789)	2362	0.13802	0.1
$	77 Toluene-d8	98	6.819	6.819	(0.782)	262413	18.6311	19
	80 Tetrachloroethene	164	7.327	7.327	(0.840)	6754	1.83930	2
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	106980	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.125	(0.911)	84012	21.4430	21

QC Flag Legend

M - Compound response manually integrated.

Data File: W2842.D

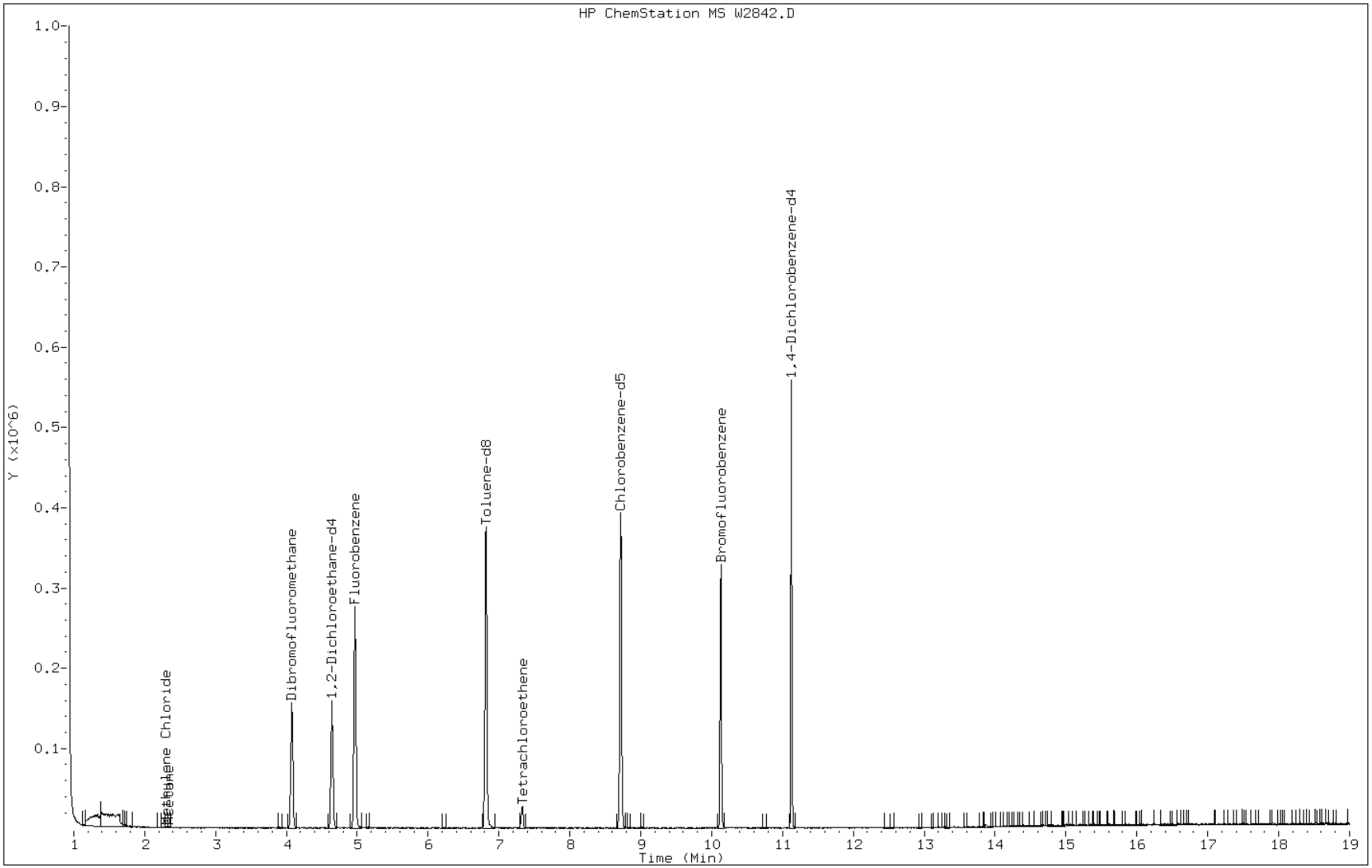
Date: 10-FEB-2009 16:42

Client ID: MW-26S

Instrument: msw.i

Sample Info: 220-7945-d-2

Operator: B.KOSTRZEWSKA



Data File: W2842.D

Date: 10-FEB-2009 16:42

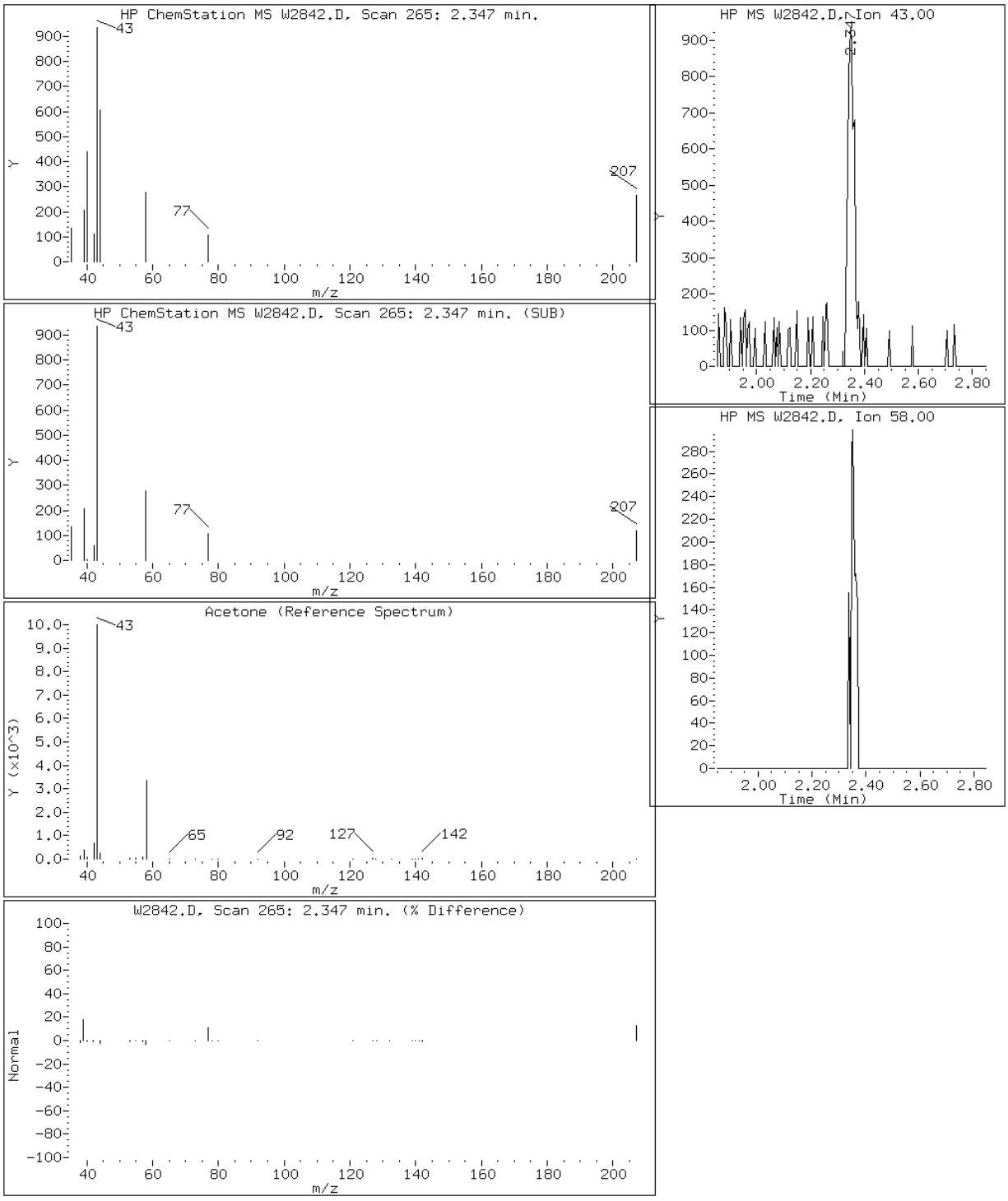
Client ID: MW-26S

Instrument: msw.i

Sample Info: 220-7945-d-2

Operator: B.KOSTRZEWSKA

21 Acetone



Data File: W2842.D

Date: 10-FEB-2009 16:42

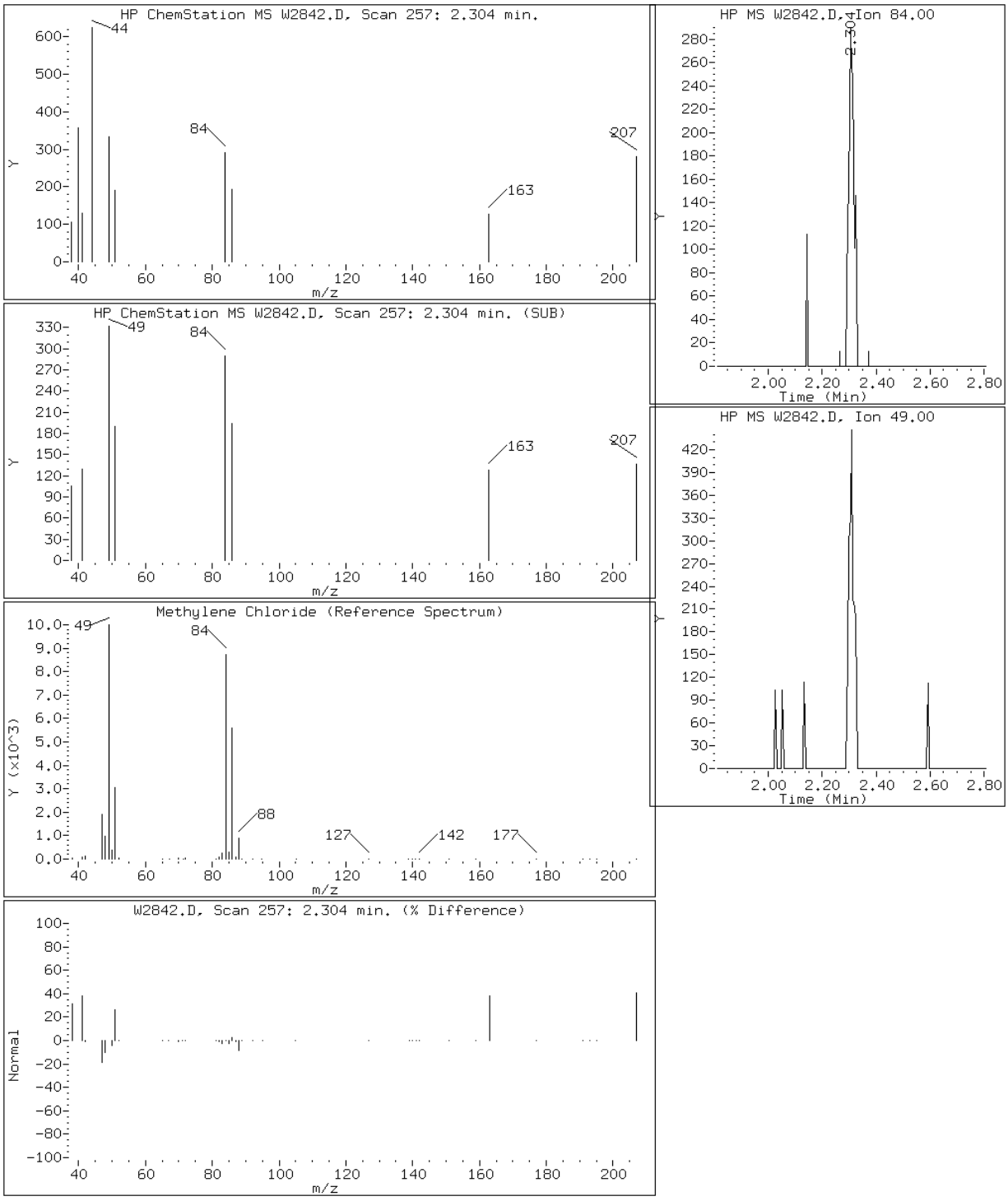
Client ID: MW-26S

Instrument: msw.i

Sample Info: 220-7945-d-2

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



Data File: W2842.D

Date: 10-FEB-2009 16:42

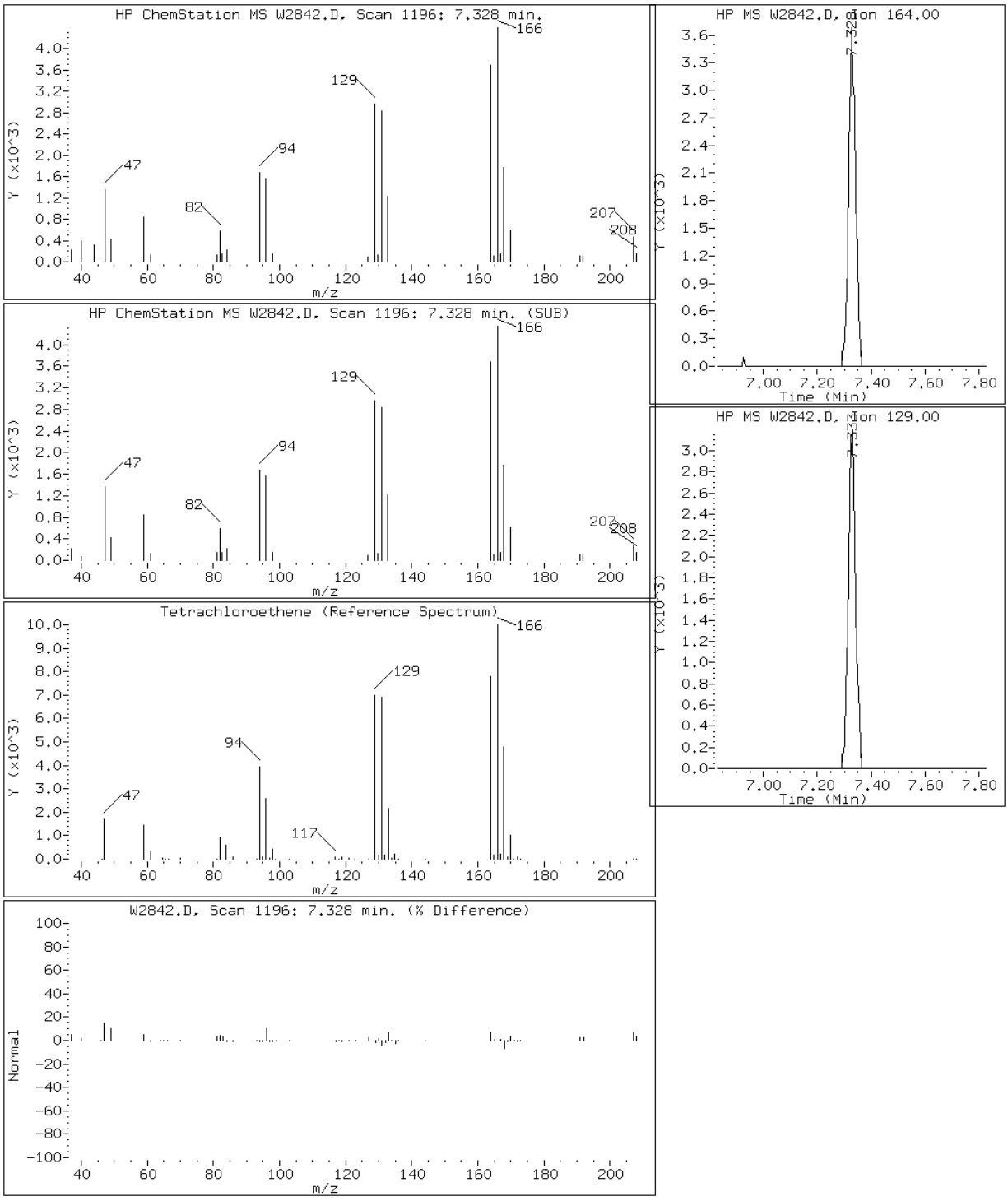
Client ID: MW-26S

Instrument: msw.i

Sample Info: 220-7945-d-2

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



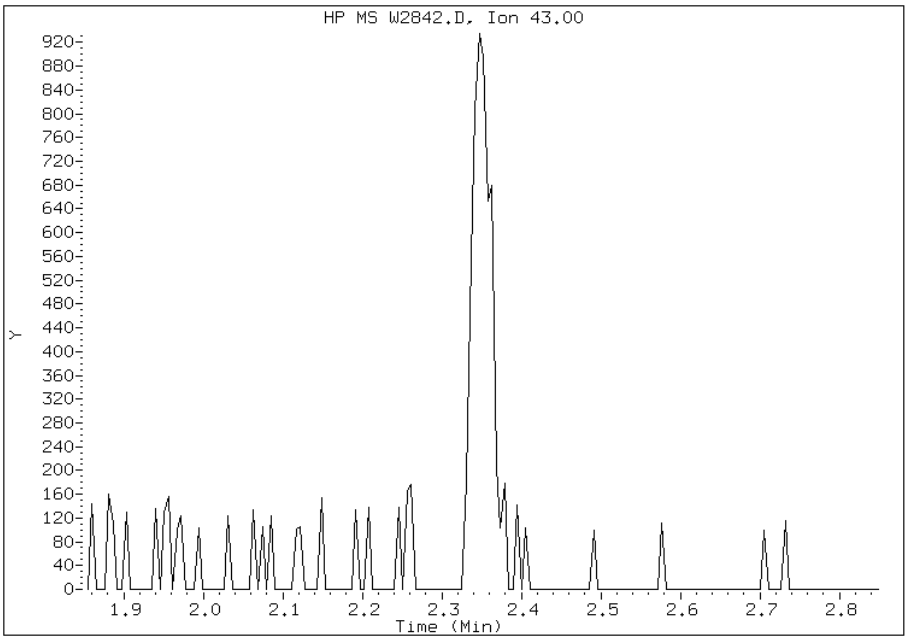
Manual Integration Report

Data File: W2842.D
Inj. Date and Time: 10-FEB-2009 16:42
Instrument ID: msw.i
Client ID: MW-26S
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



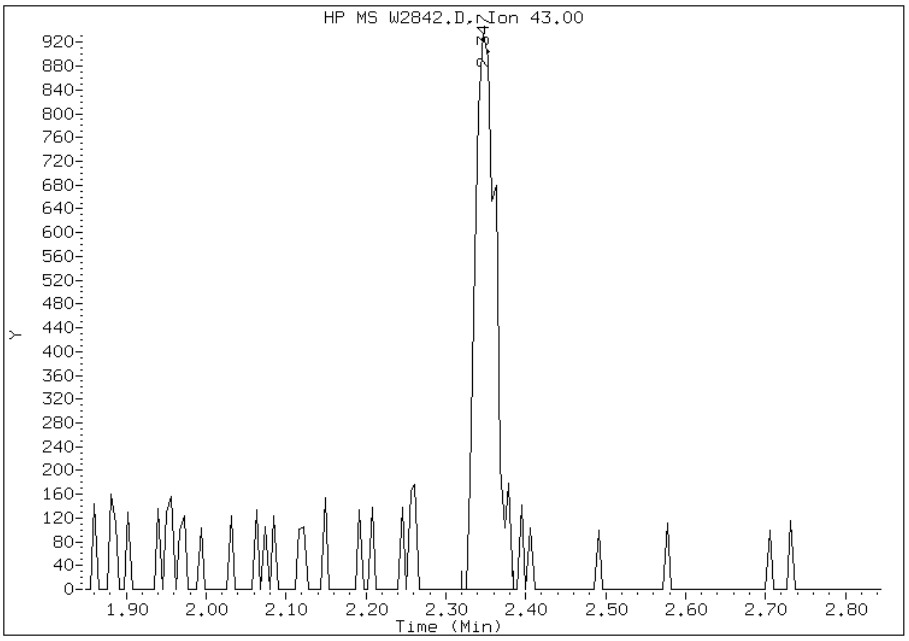
Manual Integration Results

RT: 2.35

Response: 1666

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

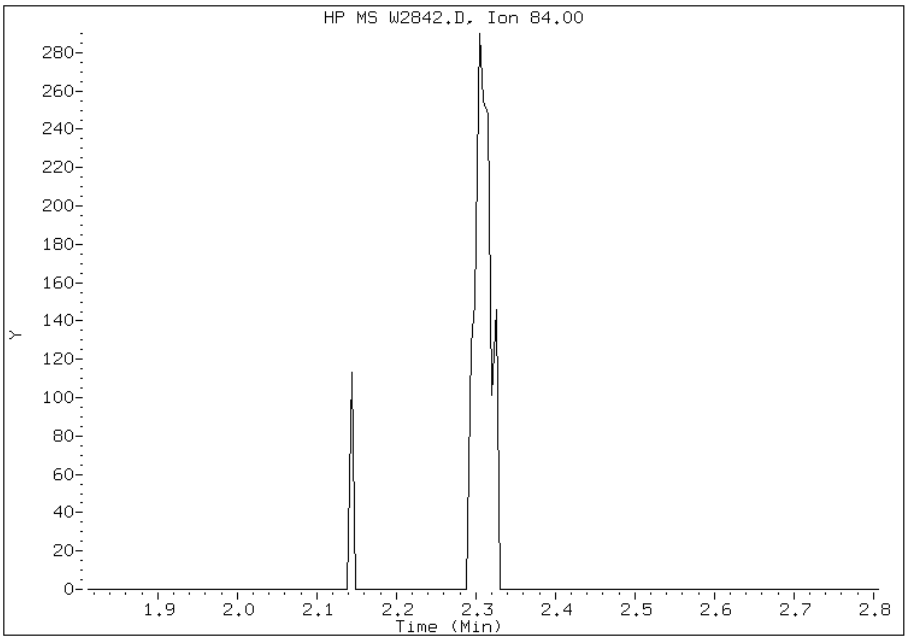
Manual Integration Report

Data File: W2842.D
Inj. Date and Time: 10-FEB-2009 16:42
Instrument ID: msw.i
Client ID: MW-26S
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



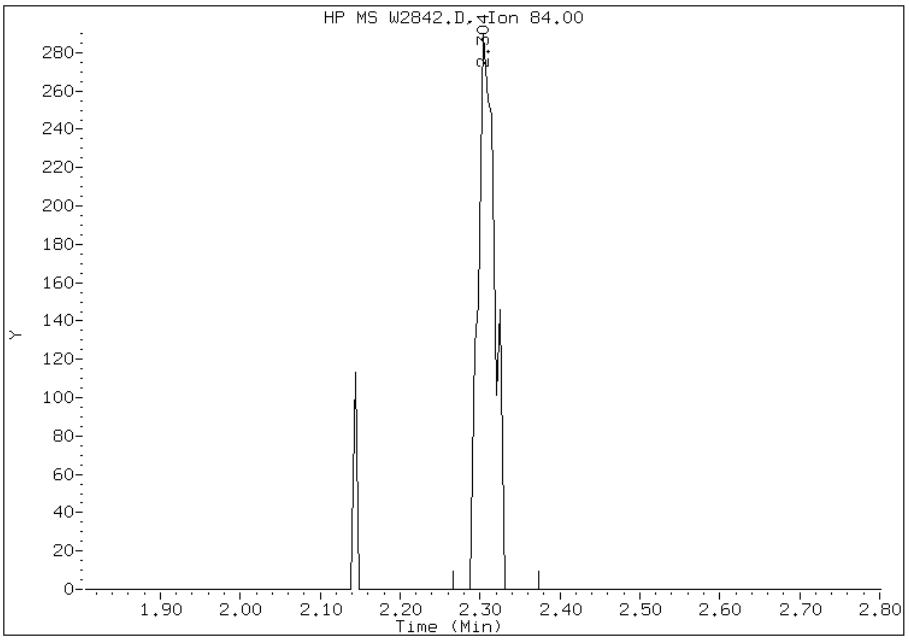
Manual Integration Results

RT: 2.30

Response: 422

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-30S | Lab Sample ID: 220-7945-3

Matrix: Water | Lab File ID: W2843.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2009 17:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.3	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.88	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	0.88	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	1.7	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-30S Lab Sample ID: 220-7945-3

Matrix: Water Lab File ID: W2843.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/10/2009 17:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24246 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	53-125	
460-00-4	4-Bromofluorobenzene	79	73-127	
1868-53-7	Dibromofluoromethane	97	54-137	
2037-26-5	Toluene-d8 (Surr)	73	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2843.D
Lab Smp Id: 220-7945-D-3 Client Smp ID: MW-30S
Inj Date : 10-FEB-2009 17:11 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-d-3
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W8260LOW.m
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	250829	25.0000	
	20 Methylene Chloride	84	2.314	2.309	(0.466)	740	0.87832	0.9(M)
	21 Acetone	43	2.352	2.352	(0.473)	2310	2.27662	2(M)
$	41 Dibromofluoromethane	111	4.080	4.074	(0.821)	94776	24.1253	24
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	123412	25.8351	26
	60 Trichloroethene	130	5.166	5.160	(1.040)	7338	1.65032	2
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	235106	25.0000	
	76 Toluene	91	6.878	6.877	(0.789)	2359	0.13636	0.1
$	77 Toluene-d8	98	6.819	6.819	(0.782)	259102	18.1975	18
	80 Tetrachloroethene	164	7.322	7.327	(0.840)	3275	0.88225	0.9
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	114950	25.0000	
	99 4-Ethyltoluene	105	10.403	10.398	(0.935)	5410	1.64532	2
	102 n-Propylbenzene	91	10.285	10.285	(0.925)	4388	1.67468	2
	105 1,3,5-Trimethylbenzene	105	10.489	10.489	(0.943)	6648	1.60005	2
	107 1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	6110	1.82923	2
$	125 Bromofluorobenzene	95	10.130	10.125	(0.911)	83347	19.7983	20

QC Flag Legend

M - Compound response manually integrated.

Data File: W2843.D

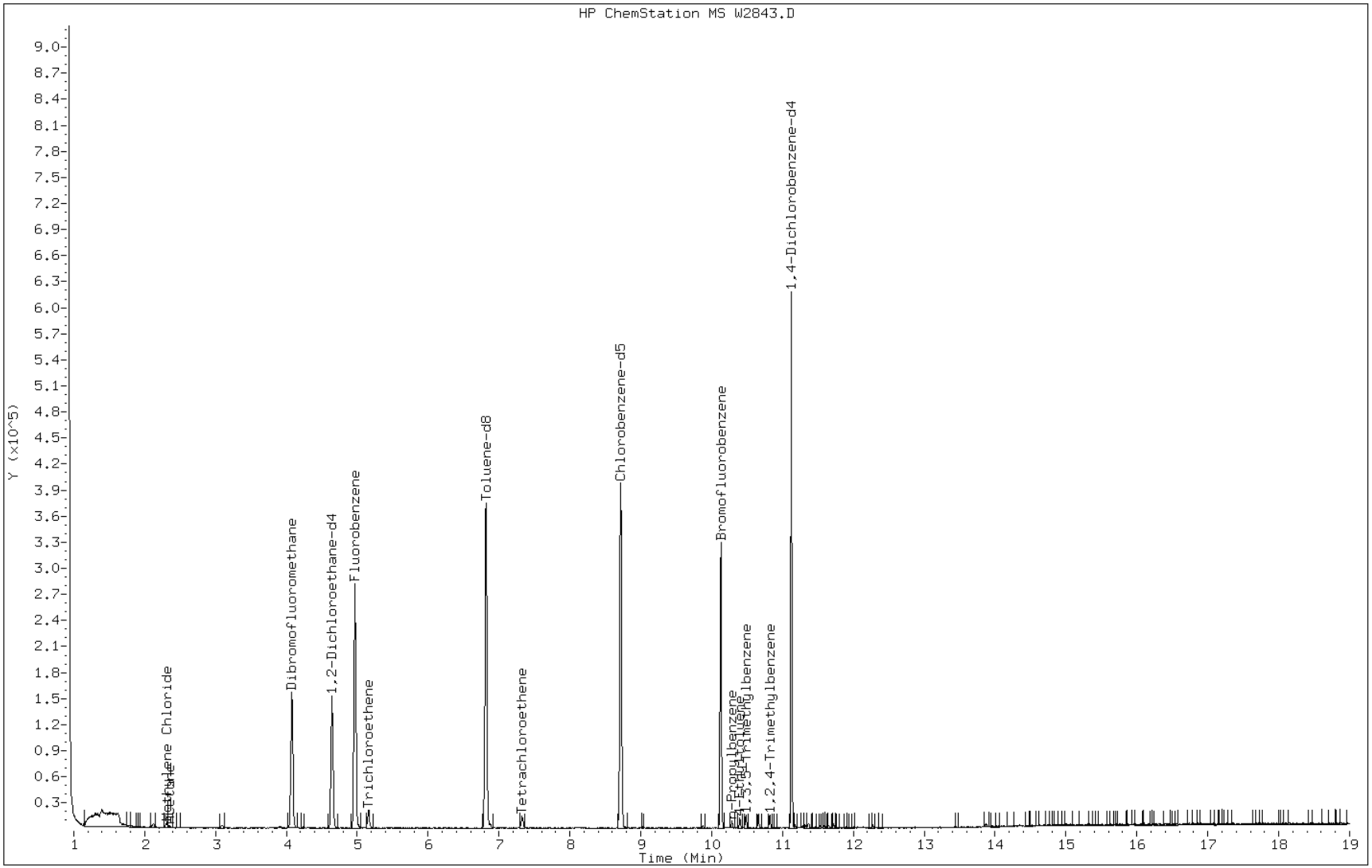
Date: 10-FEB-2009 17:11

Client ID: MW-30S

Instrument: msw.i

Sample Info: 220-7945-d-3

Operator: B.KOSTRZEWSKA



Data File: W2843.D

Date: 10-FEB-2009 17:11

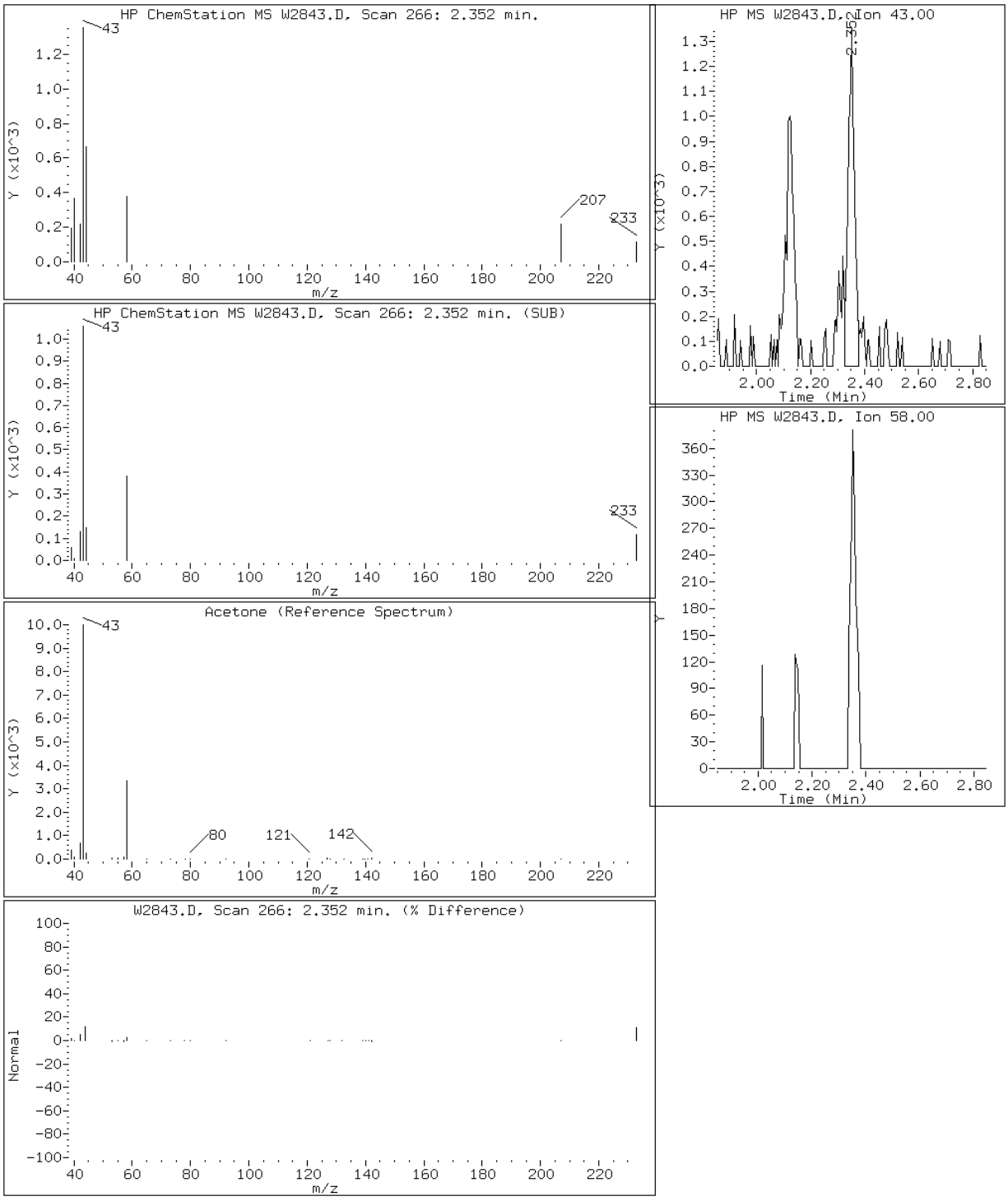
Client ID: MW-30S

Instrument: msw.i

Sample Info: 220-7945-d-3

Operator: B.KOSTRZEWSKA

21 Acetone



Data File: W2843.D

Date: 10-FEB-2009 17:11

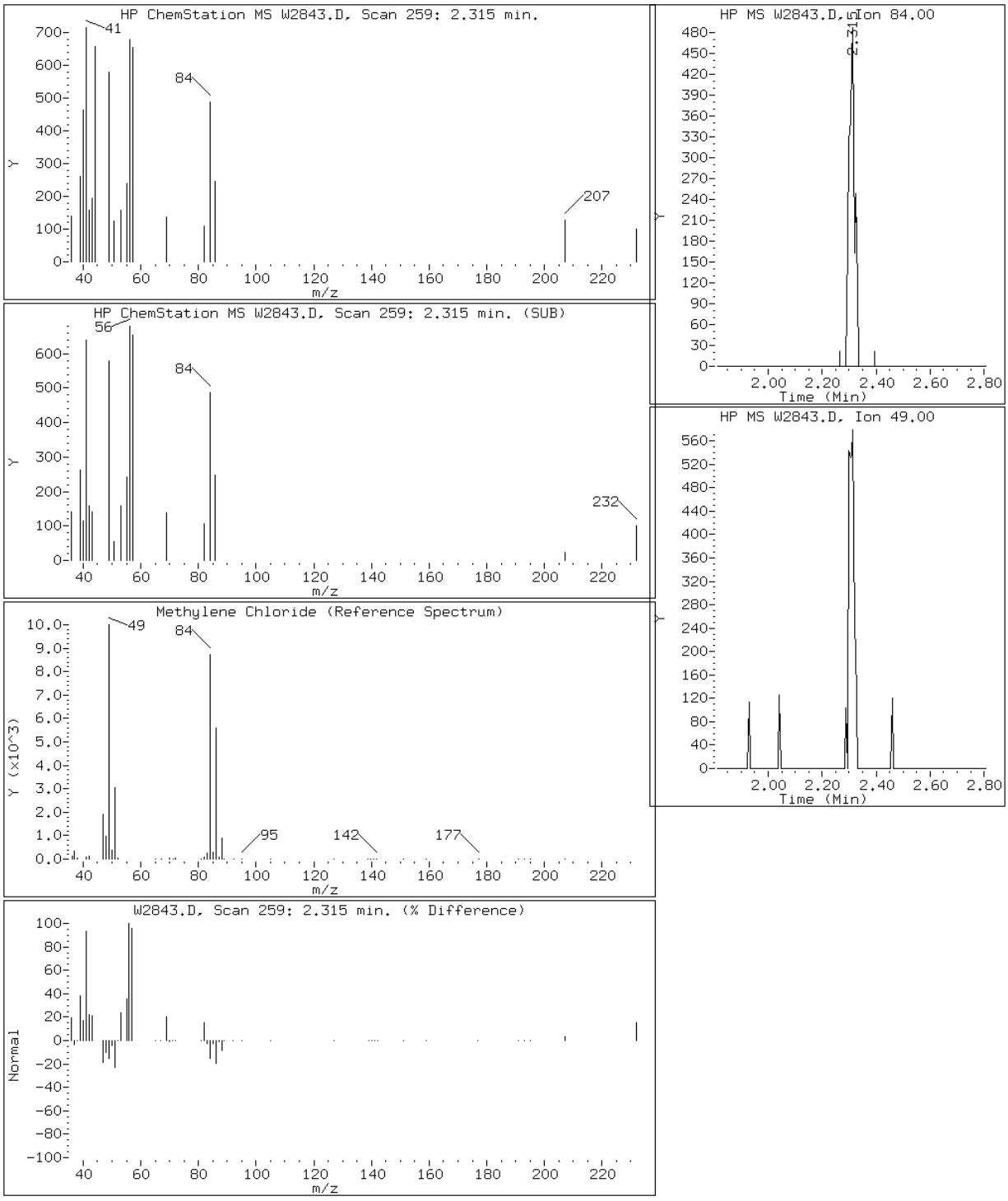
Client ID: MW-30S

Instrument: msw.i

Sample Info: 220-7945-d-3

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



Data File: W2843.D

Date: 10-FEB-2009 17:11

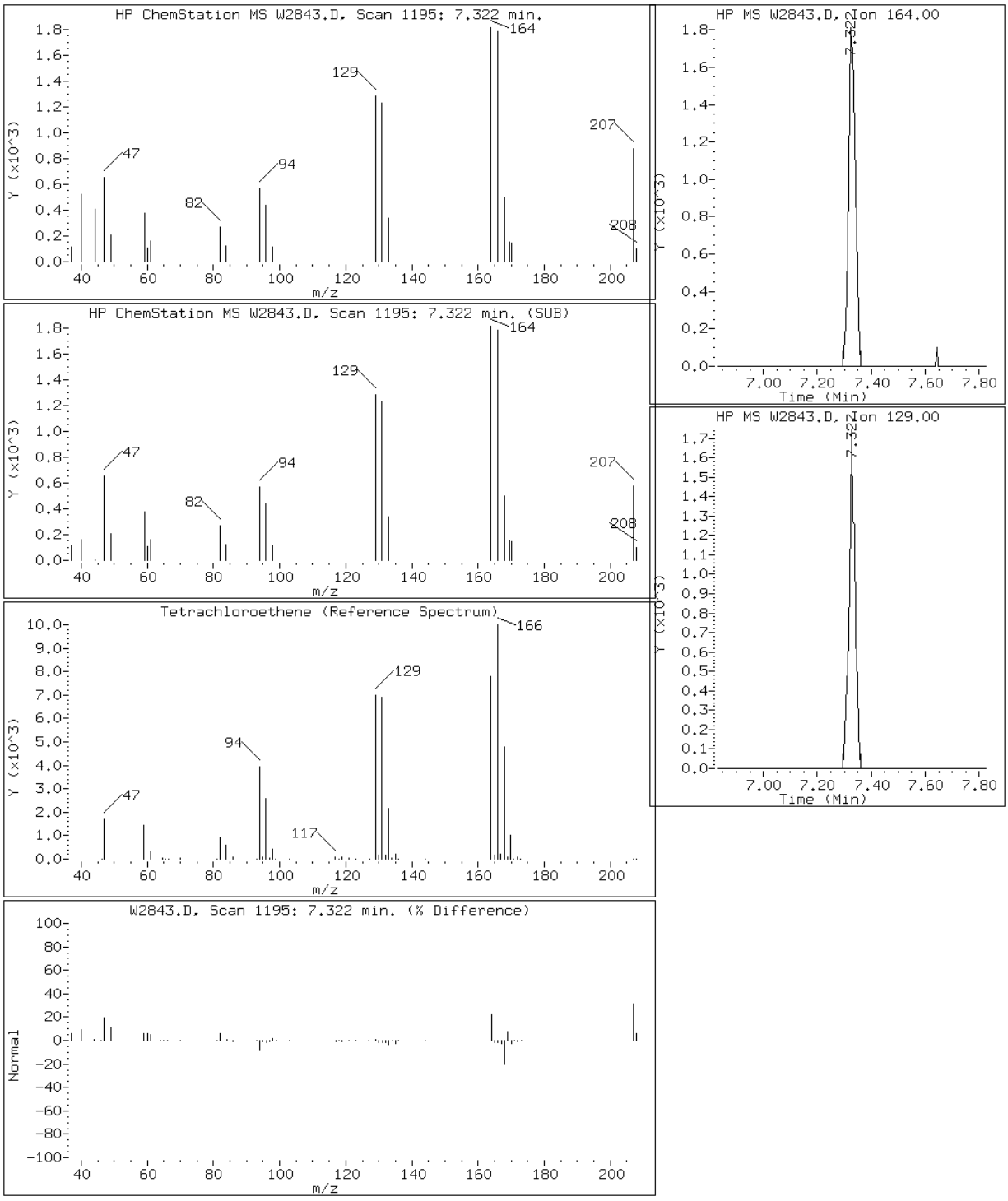
Client ID: MW-30S

Instrument: msw.i

Sample Info: 220-7945-d-3

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



Data File: W2843.D

Date: 10-FEB-2009 17:11

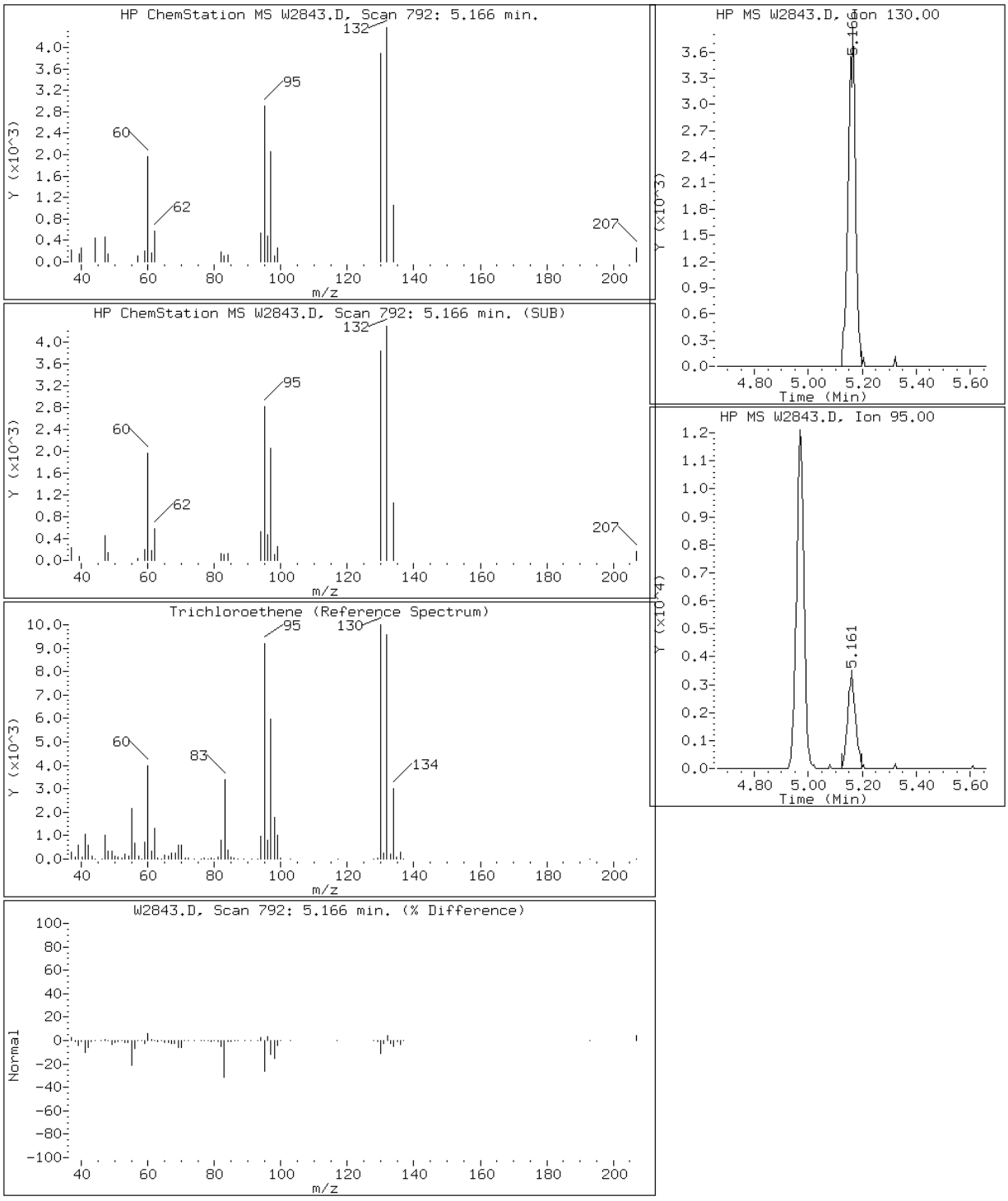
Client ID: MW-30S

Instrument: msw.i

Sample Info: 220-7945-d-3

Operator: B.KOSTRZEWSKA

60 Trichloroethene



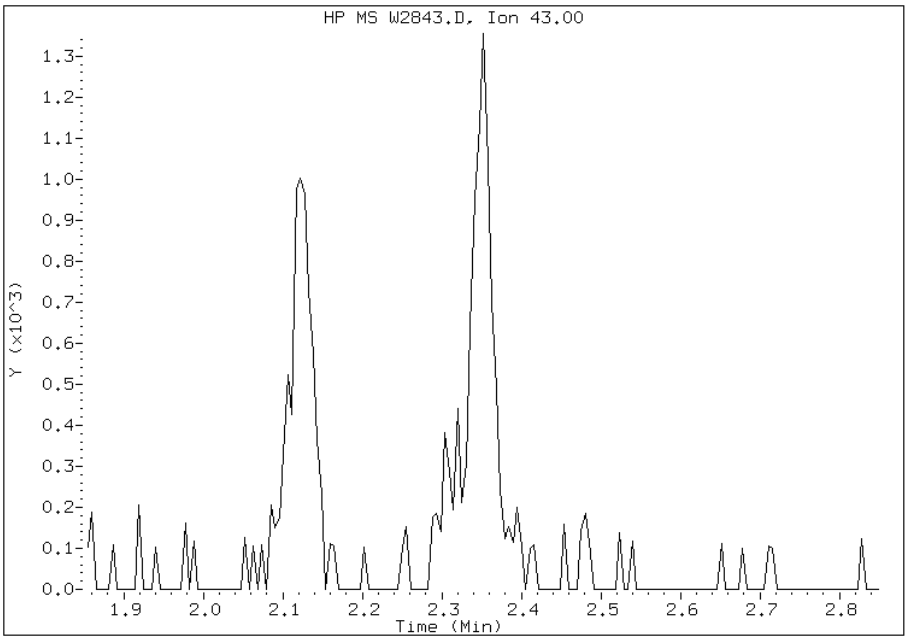
Manual Integration Report

Data File: W2843.D
Inj. Date and Time: 10-FEB-2009 17:11
Instrument ID: msw.i
Client ID: MW-30S
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



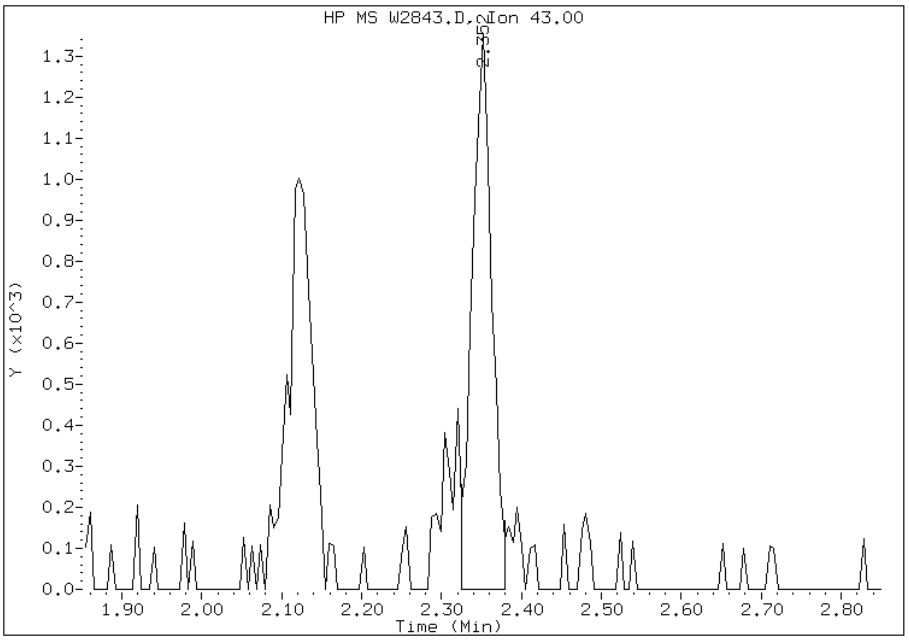
Manual Integration Results

RT: 2.35

Response: 2310

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

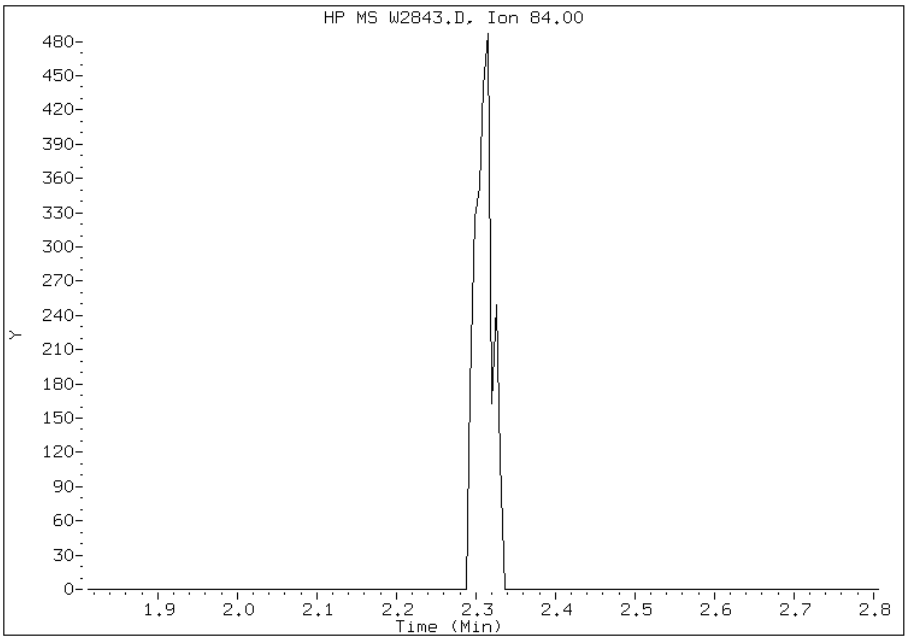
Manual Integration Report

Data File: W2843.D
Inj. Date and Time: 10-FEB-2009 17:11
Instrument ID: msw.i
Client ID: MW-30S
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



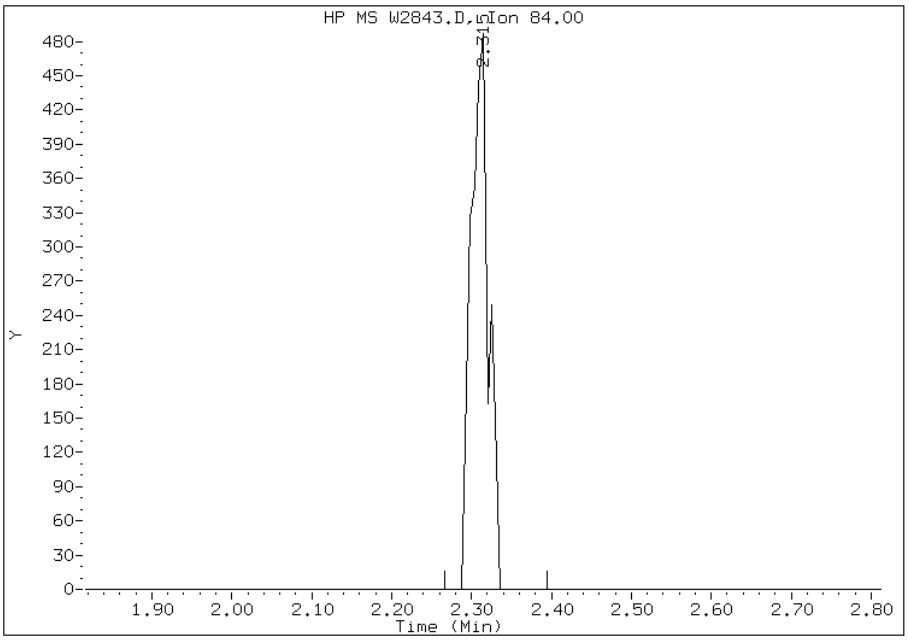
Manual Integration Results

RT: 2.31

Response: 740

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-31S | Lab Sample ID: 220-7945-4

Matrix: Water | Lab File ID: W2844.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2009 17:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.3	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	7.3		5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	1.4	J	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.85	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	55		5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	31		5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	84		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	31		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	1.0	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-31S Lab Sample ID: 220-7945-4

Matrix: Water Lab File ID: W2844.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/10/2009 17:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24246 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111	53-125	
460-00-4	4-Bromofluorobenzene	91	73-127	
1868-53-7	Dibromofluoromethane	106	54-137	
2037-26-5	Toluene-d8 (Surr)	79	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2844.D
Lab Smp Id: 220-7945-D-4 Client Smp ID: MW-31S
Inj Date : 10-FEB-2009 17:40 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-d-4
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W8260LOW.m
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	234879	25.0000	
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	4301	1.44244	1
	20 Methylene Chloride	84	2.314	2.309	(0.466)	601	0.85284	0.8(M)
	21 Acetone	43	2.352	2.352	(0.473)	2240	2.33740	2(M)
	22 trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	3591	1.00003	1
	31 1,1-Dichloroethane	63	3.015	3.015	(0.607)	46196	7.31392	7
	33 cis-1,2-Dichloroethene	96	3.582	3.577	(0.721)	120825	31.2571	31
	38 Chloroform	83	3.887	3.887	(0.782)	3224	0.47810	0.5
$	41 Dibromofluoromethane	111	4.080	4.074	(0.821)	97140	26.4062	26
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	188694	31.0038	31
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	124363	27.8021	28
	60 Trichloroethene	130	5.160	5.160	(1.039)	348210	83.6304	84
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	220052	25.0000	
	76 Toluene	91	6.872	6.877	(0.788)	2220	0.13710	0.1
$	77 Toluene-d8	98	6.819	6.819	(0.782)	264727	19.8645	20
	80 Tetrachloroethene	164	7.327	7.327	(0.840)	192768	55.4820	55
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	98716	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.125	(0.911)	82548	22.8332	23
M	126 1,2-Dichloroethene (total)	100				124416	32.2572	32

QC Flag Legend

M - Compound response manually integrated.

Data File: W2844.D

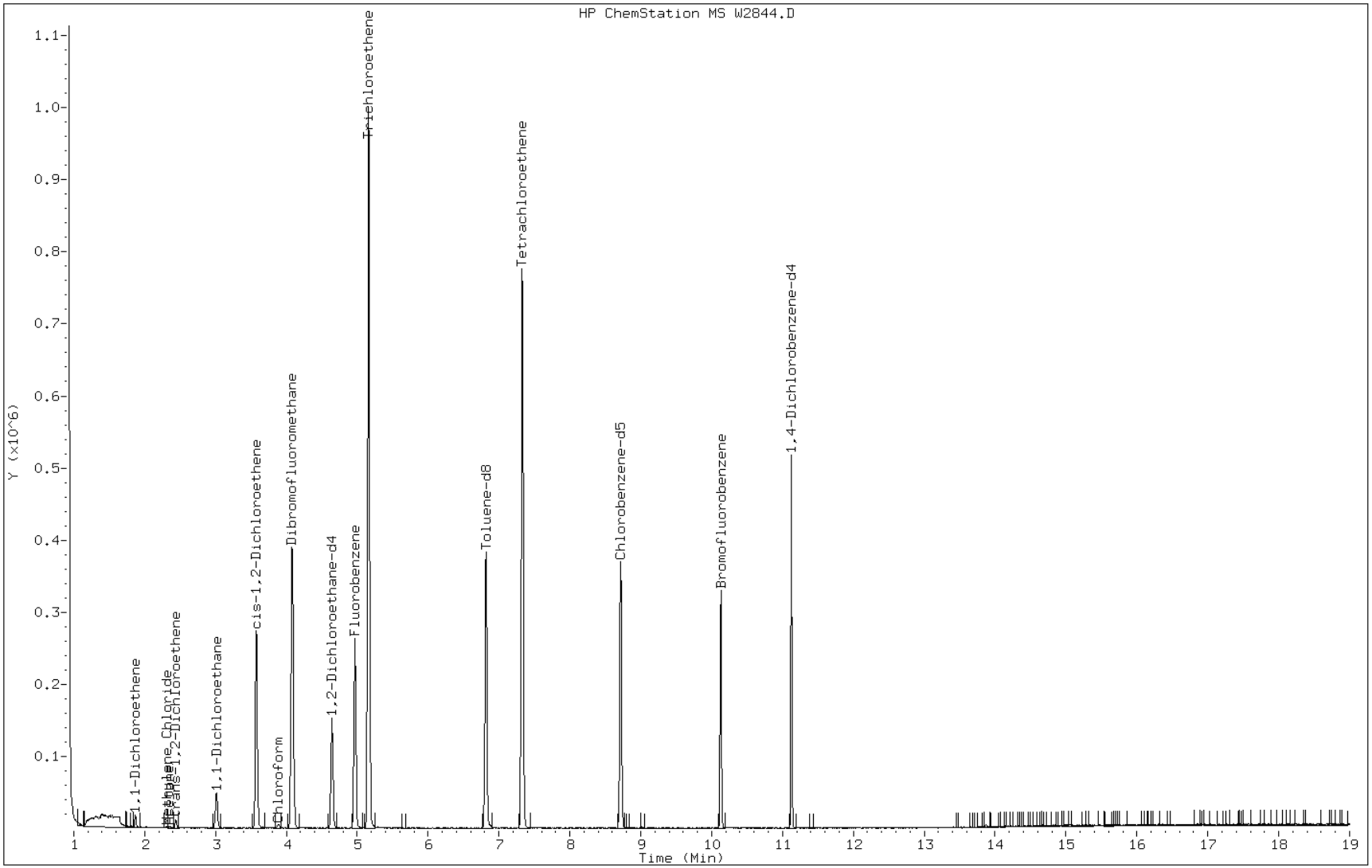
Date: 10-FEB-2009 17:40

Client ID: MW-31S

Instrument: msw.i

Sample Info: 220-7945-d-4

Operator: B.KOSTRZEWSKA



Data File: W2844.D

Date: 10-FEB-2009 17:40

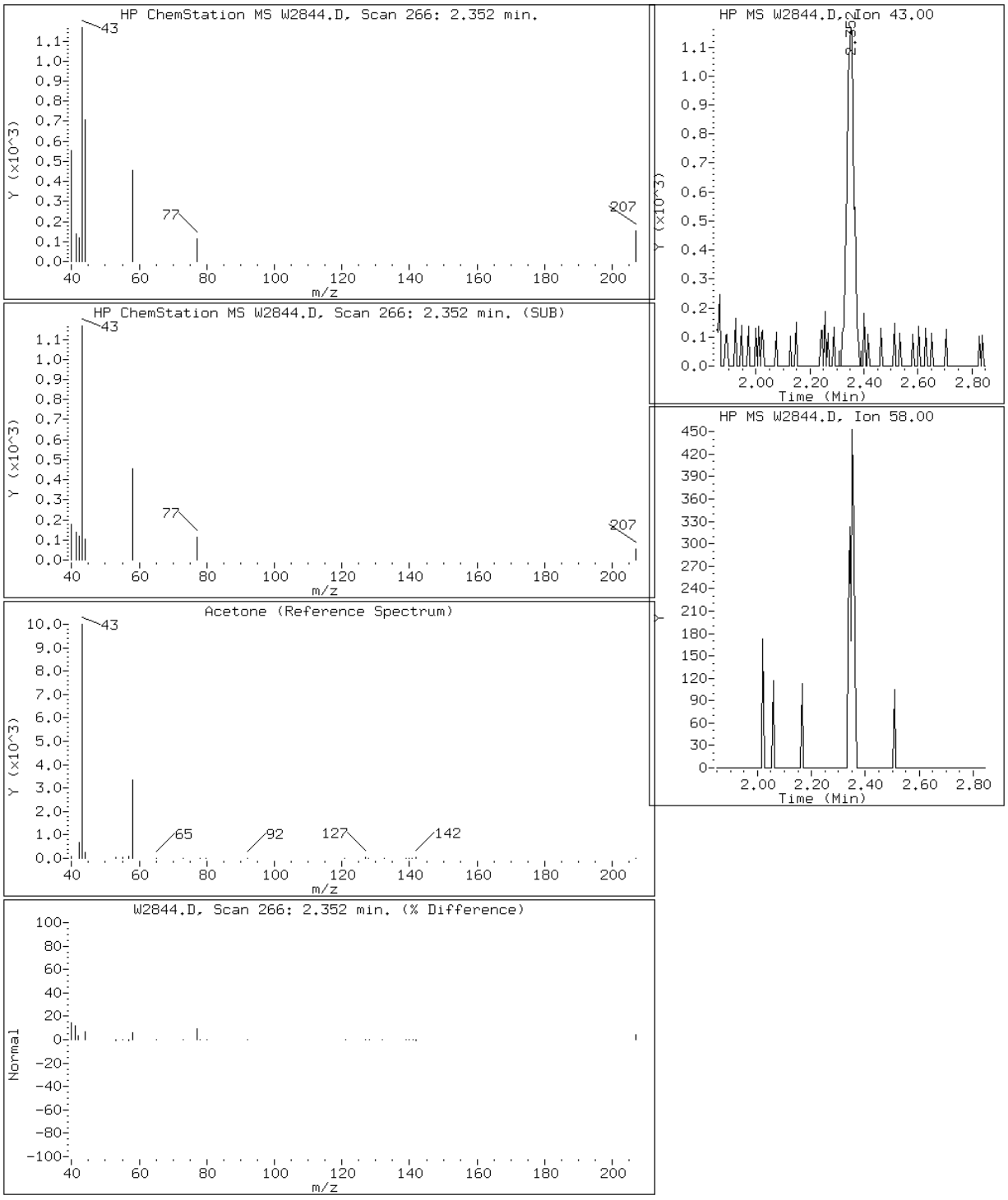
Client ID: MW-31S

Instrument: msw.i

Sample Info: 220-7945-d-4

Operator: B.KOSTRZEWSKA

21 Acetone



Data File: W2844.D

Date: 10-FEB-2009 17:40

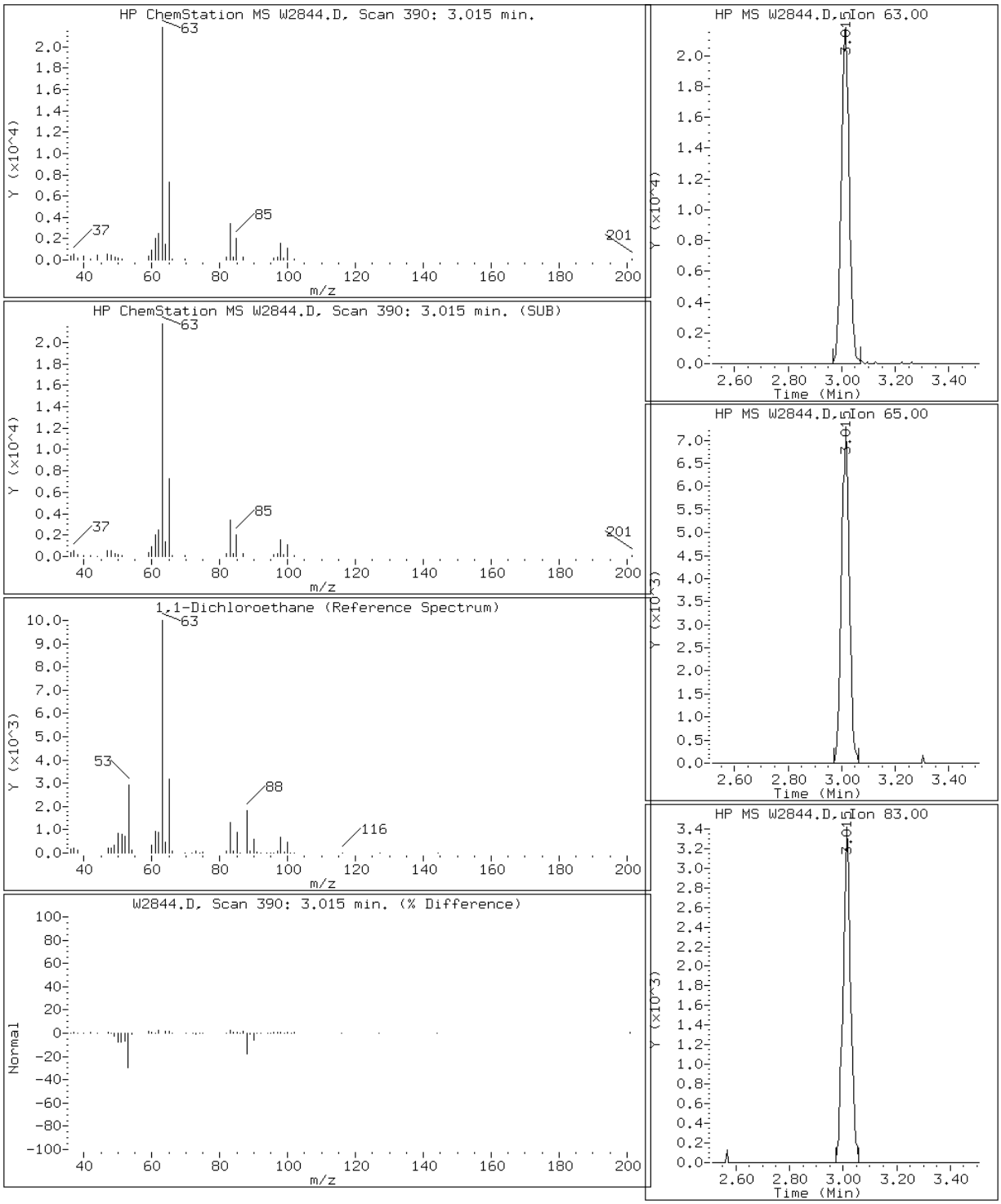
Client ID: MW-31S

Instrument: msw.i

Sample Info: 220-7945-d-4

Operator: B.KOSTRZEWSKA

31 1,1-Dichloroethane



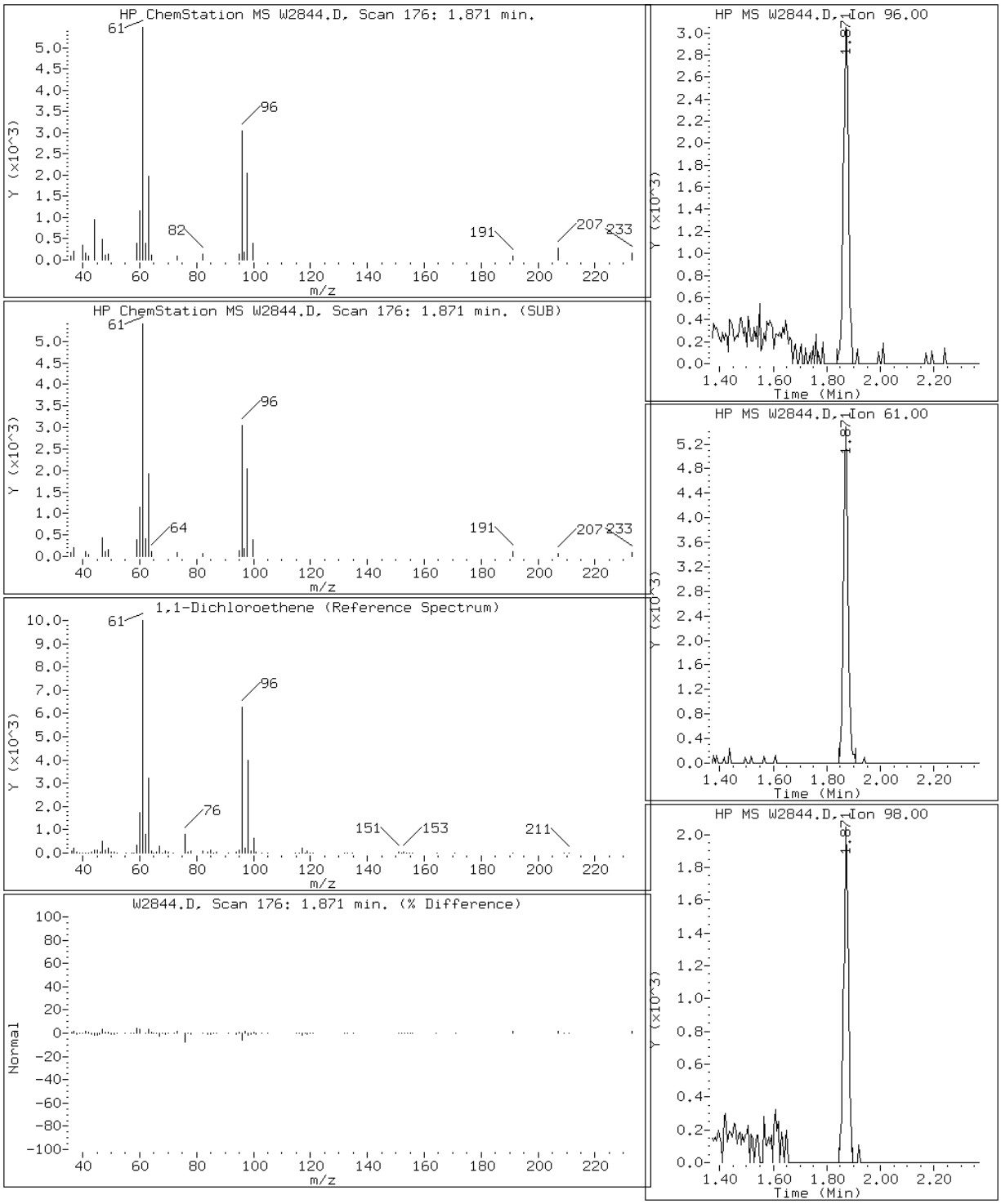
Data File: W2844.D

Date: 10-FEB-2009 17:40

Client ID: MW-31S Instrument: msw.i

Sample Info: 220-7945-d-4 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: W2844.D

Date: 10-FEB-2009 17:40

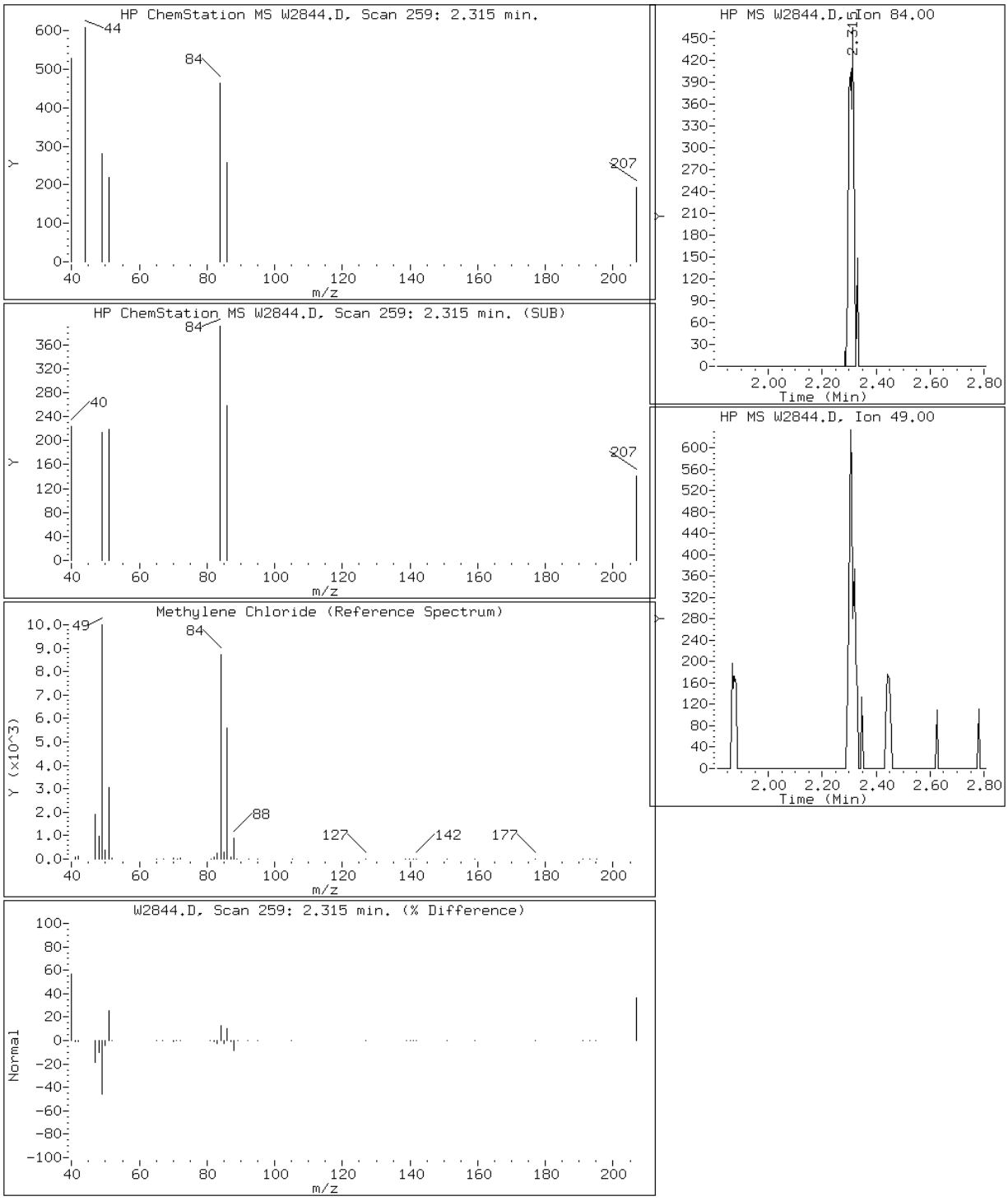
Client ID: MW-31S

Instrument: msw.i

Sample Info: 220-7945-d-4

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



Data File: W2844.D

Date: 10-FEB-2009 17:40

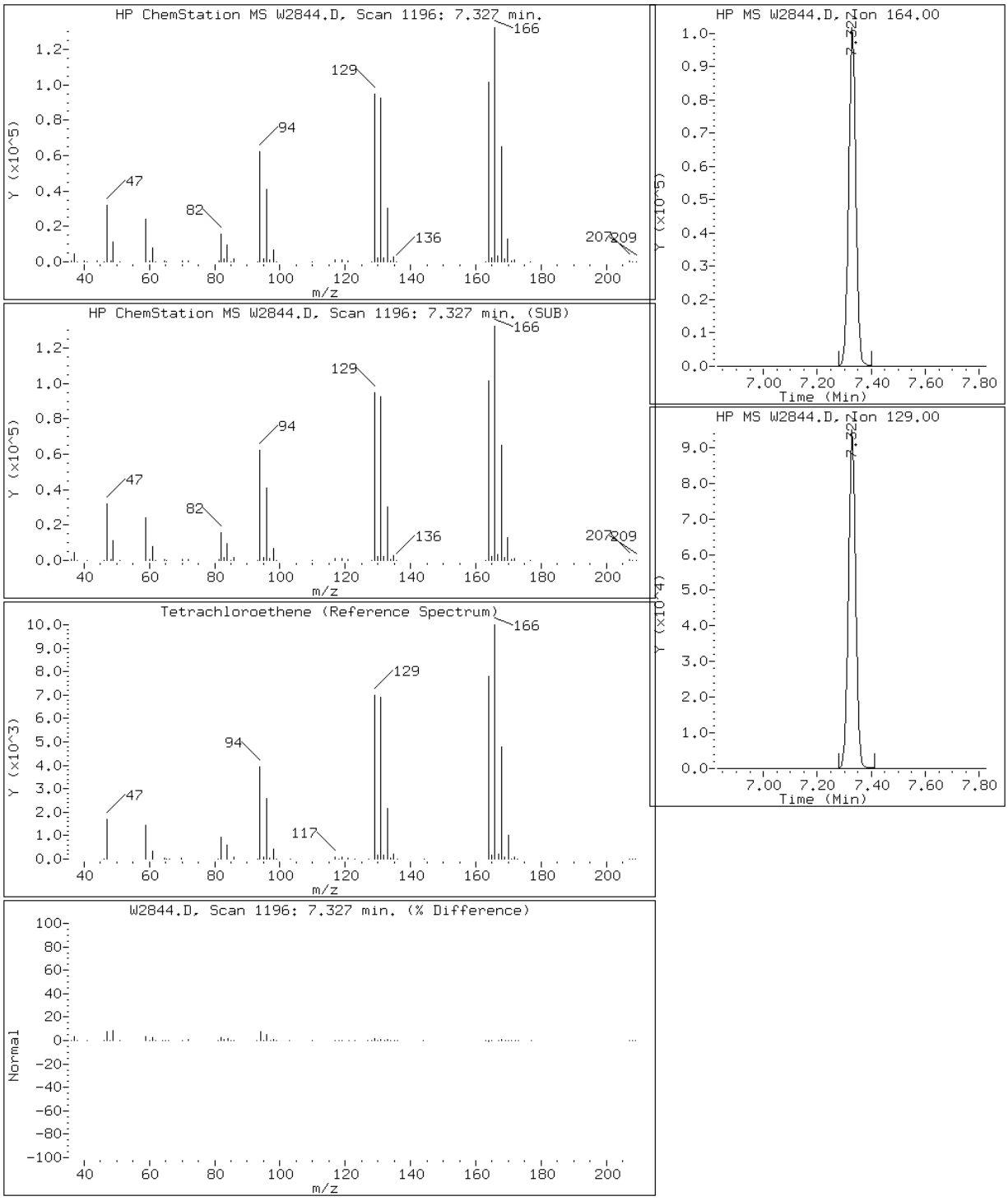
Client ID: MW-31S

Instrument: msw.i

Sample Info: 220-7945-d-4

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



Data File: W2844.D

Date: 10-FEB-2009 17:40

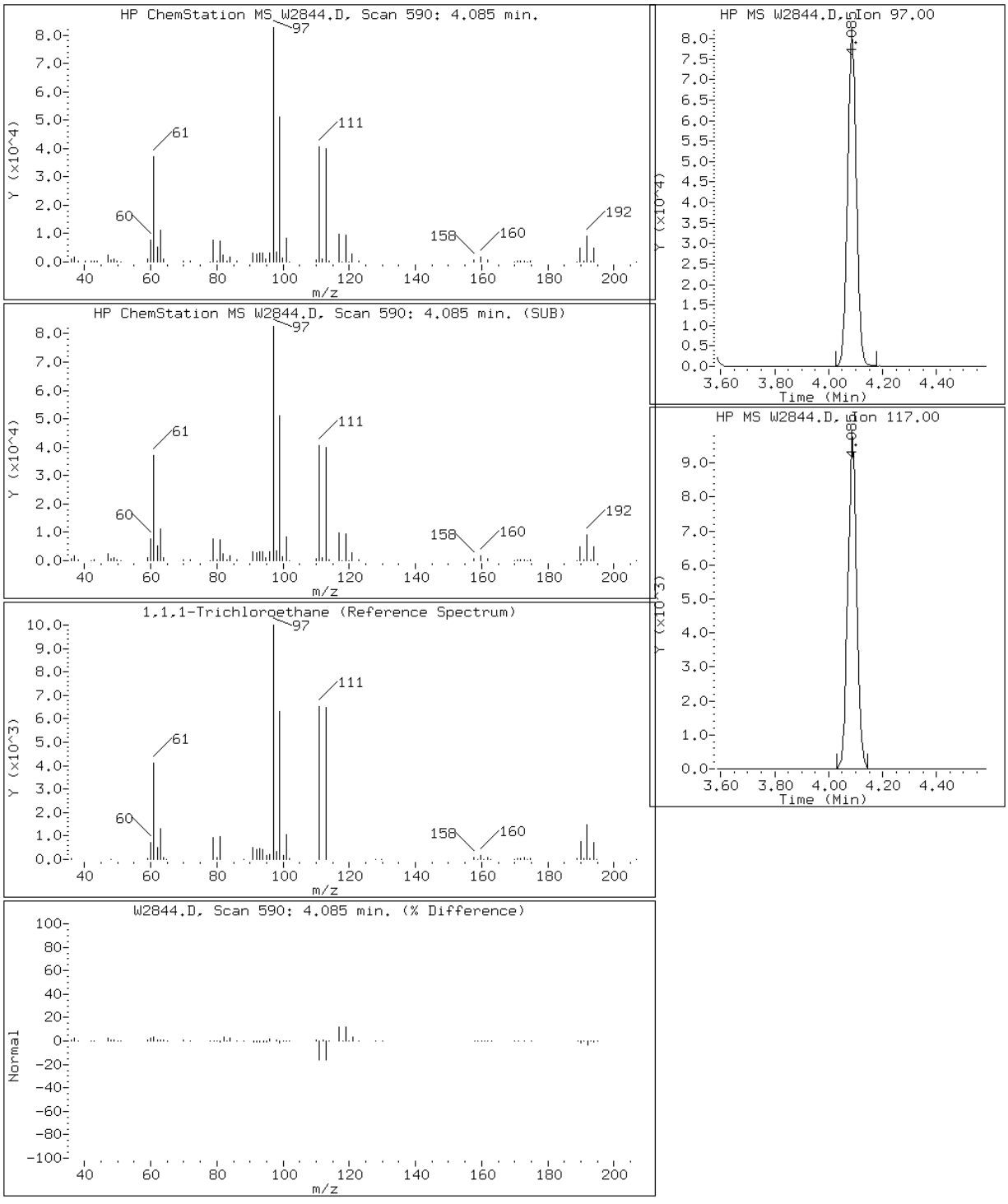
Client ID: MW-31S

Instrument: msw.i

Sample Info: 220-7945-d-4

Operator: B.KOSTRZEWSKA

44 1,1,1-Trichloroethane



Data File: W2844.D

Date: 10-FEB-2009 17:40

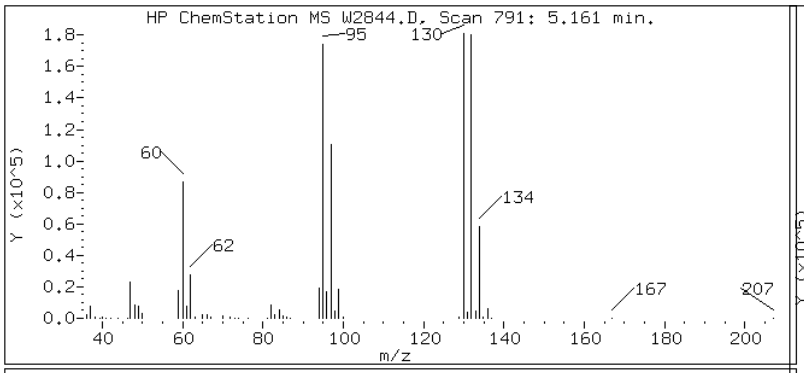
Client ID: MW-31S

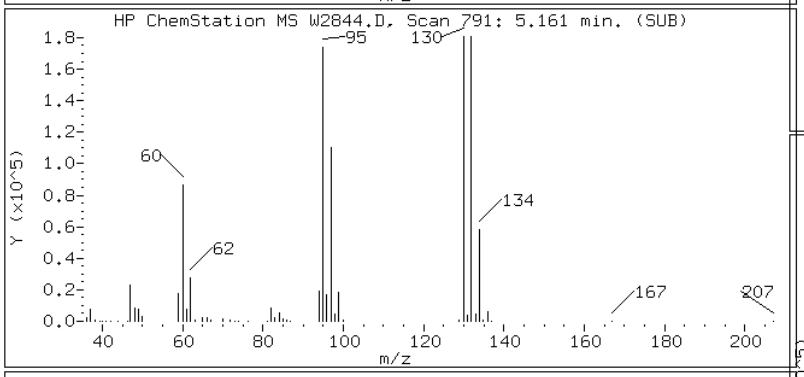
Instrument: msw.i

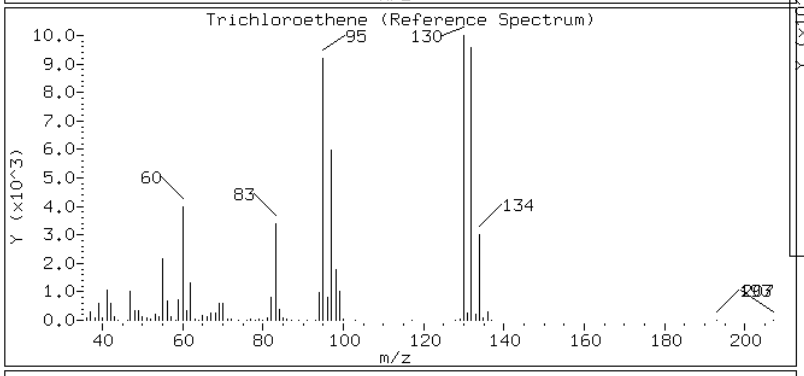
Sample Info: 220-7945-d-4

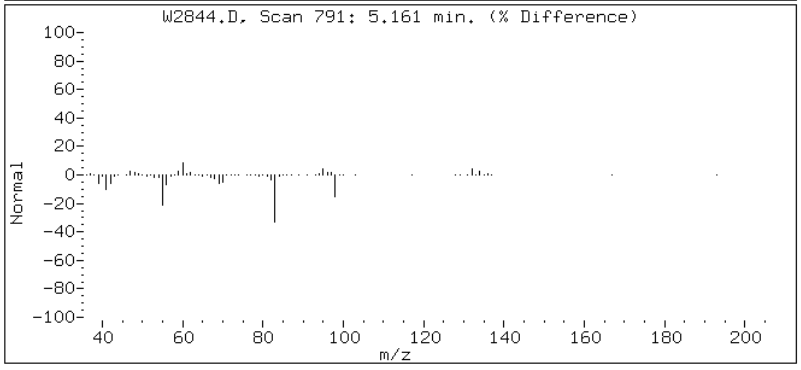
Operator: B.KOSTRZEWSKA

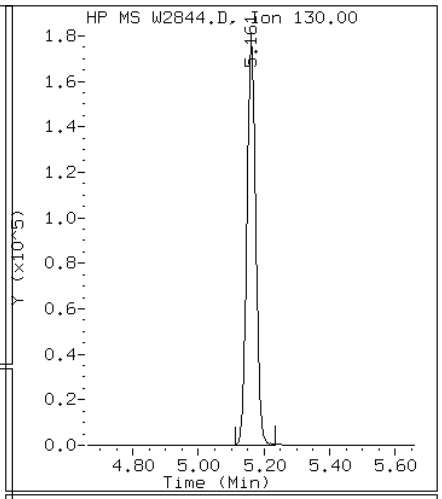
60 Trichloroethene

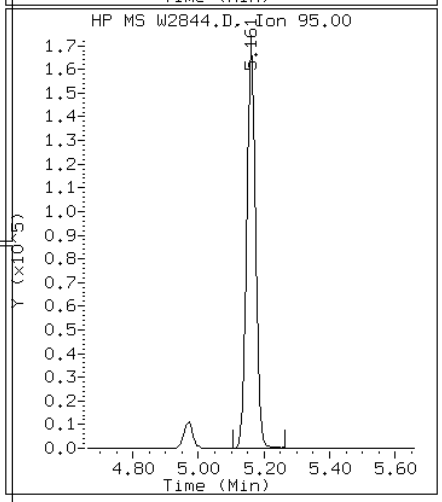












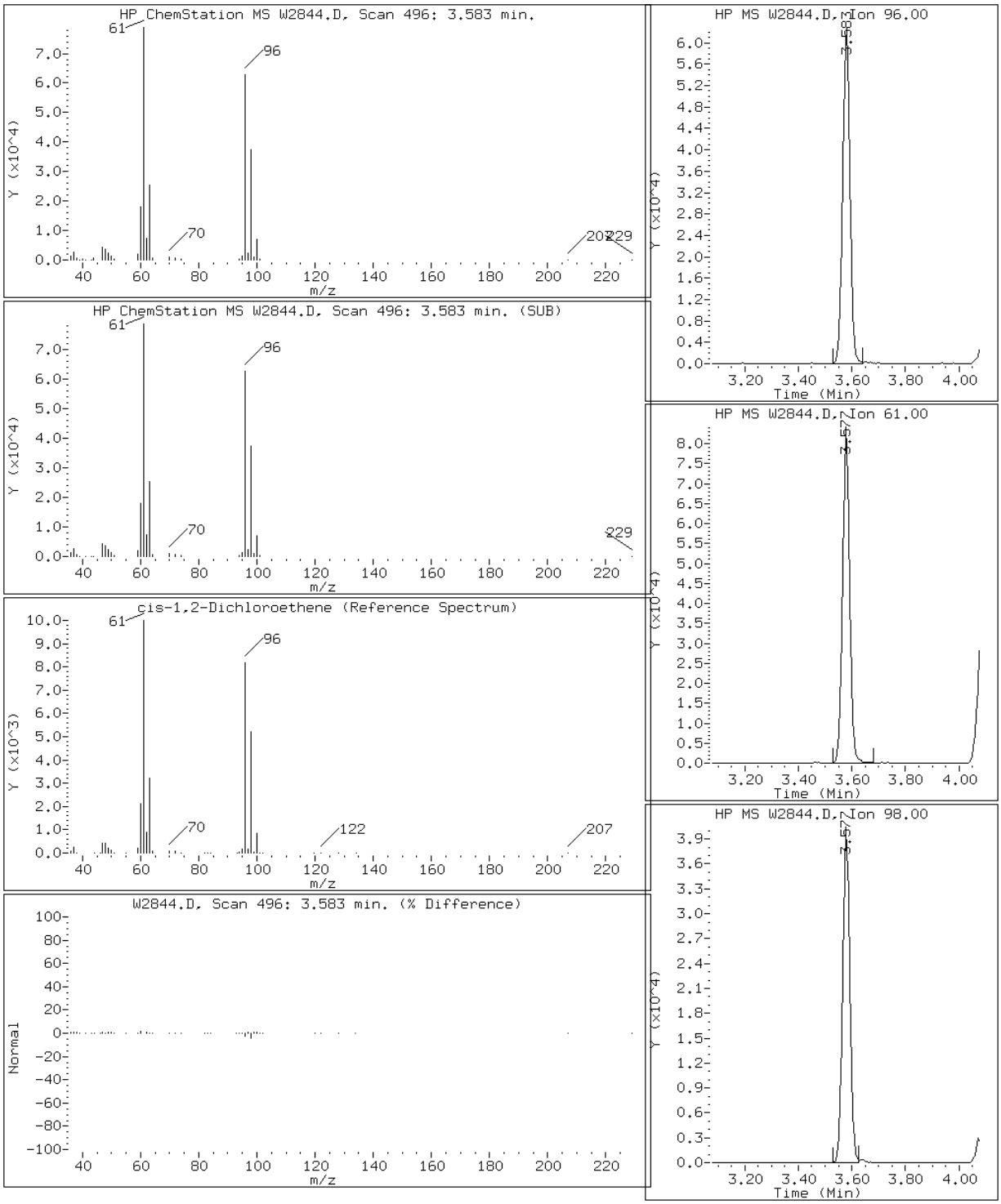
Data File: W2844.D

Date: 10-FEB-2009 17:40

Client ID: MW-31S Instrument: msw.i

Sample Info: 220-7945-d-4 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



Data File: W2844.D

Date: 10-FEB-2009 17:40

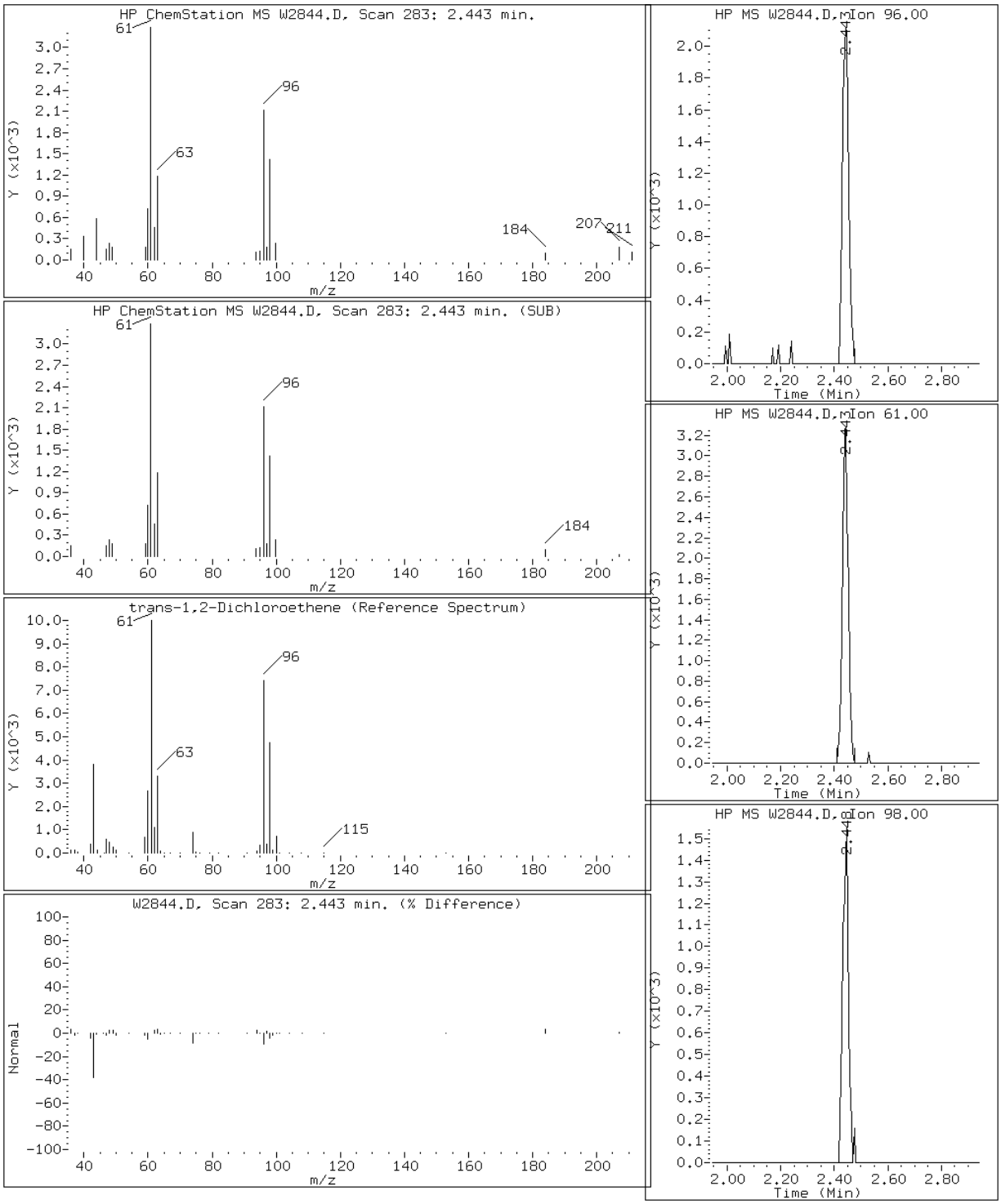
Client ID: MW-31S

Instrument: msw.i

Sample Info: 220-7945-d-4

Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



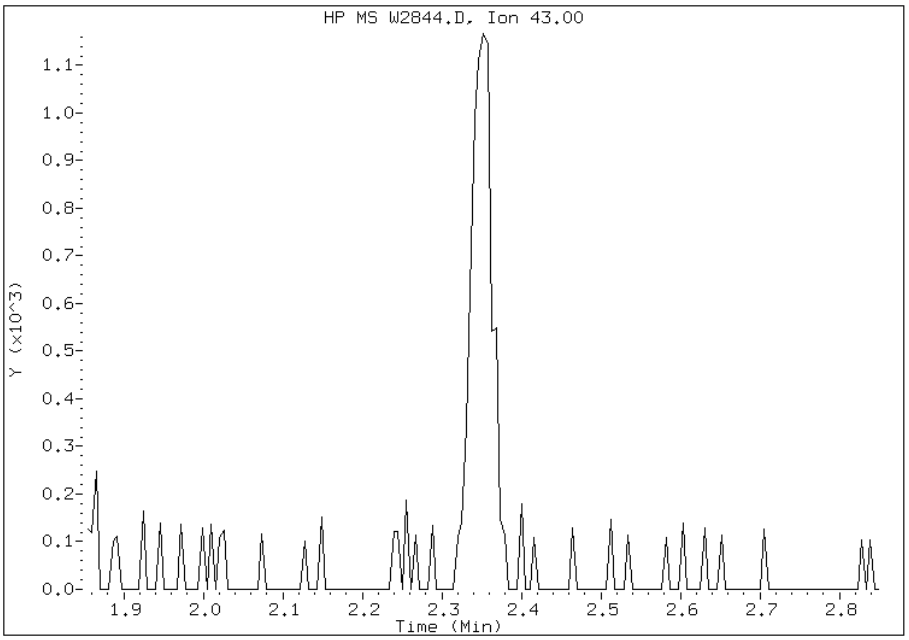
Manual Integration Report

Data File: W2844.D
Inj. Date and Time: 10-FEB-2009 17:40
Instrument ID: msw.i
Client ID: MW-31S
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



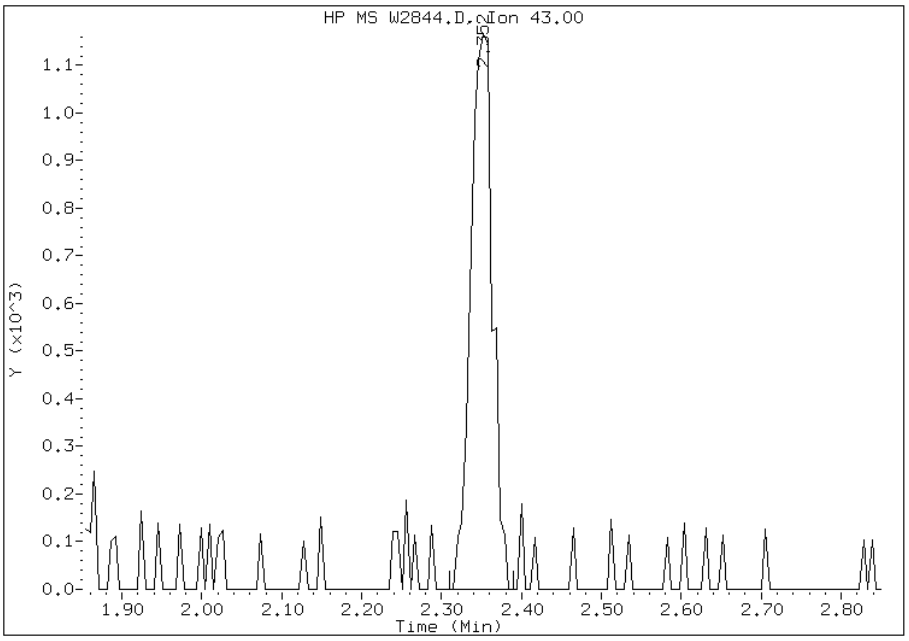
Manual Integration Results

RT: 2.35

Response: 2240

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

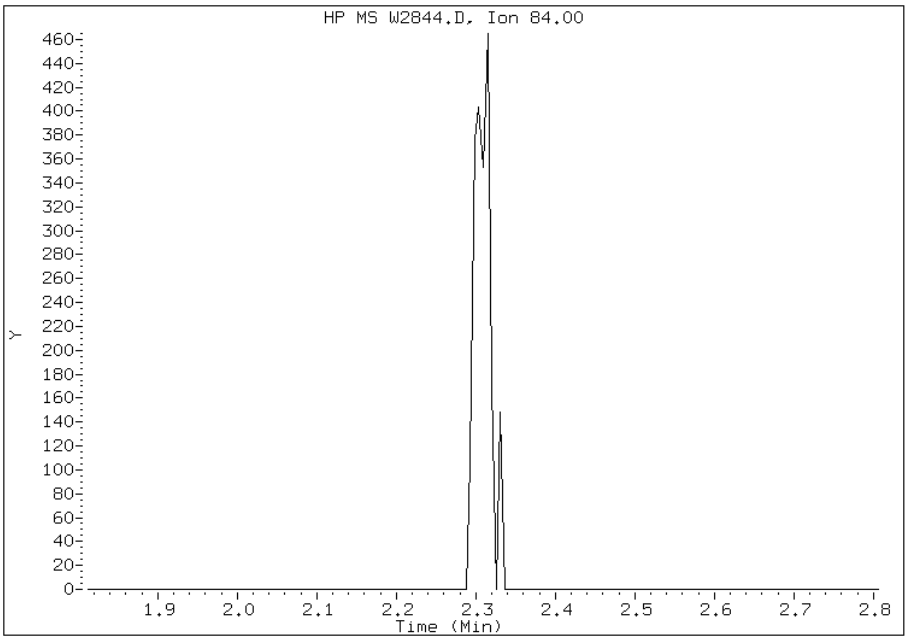
Manual Integration Report

Data File: W2844.D
Inj. Date and Time: 10-FEB-2009 17:40
Instrument ID: msw.i
Client ID: MW-31S
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



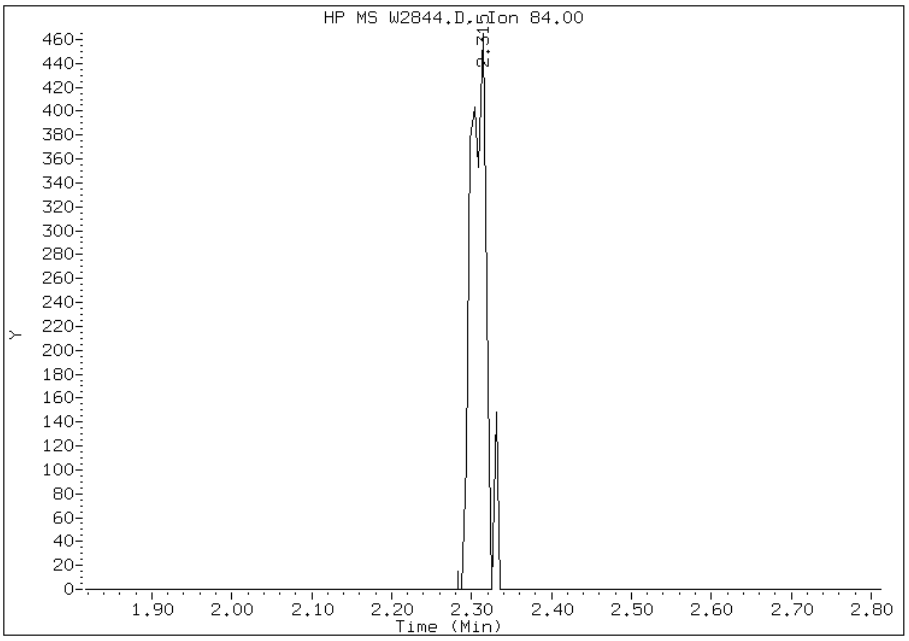
Manual Integration Results

RT: 2.31

Response: 601

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-33S | Lab Sample ID: 220-7945-5

Matrix: Water | Lab File ID: W2876.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2009 19:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24290 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.7	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U *	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.80	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U *	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	8.7		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-33S Lab Sample ID: 220-7945-5

Matrix: Water Lab File ID: W2876.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/11/2009 19:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24290 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112	53-125	
460-00-4	4-Bromofluorobenzene	106	73-127	
1868-53-7	Dibromofluoromethane	106	54-137	
2037-26-5	Toluene-d8 (Surr)	89	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W2876.D
Lab Smp Id: 220-7945-C-5 Client Smp ID: MW-33S
Inj Date : 11-FEB-2009 19:09 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-c-5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W8260LOW.m
Meth Date : 12-Feb-2009 10:49 dawn Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	219414	25.0000	
20	Methylene Chloride	84	2.309	2.309	(0.465)	398	0.80436	0.8(M)
21	Acetone	43	2.352	2.352	(0.473)	2462	2.65008	3(M)
22	trans-1,2-Dichloroethene	96	2.437	2.443	(0.491)	692	0.20629	0.2(M)
31	1,1-Dichloroethane	63	3.015	3.015	(0.607)	1872	0.31727	0.3(M)
33	cis-1,2-Dichloroethene	96	3.571	3.582	(0.719)	3556	0.98477	1.0
$ 41	Dibromofluoromethane	111	4.080	4.080	(0.821)	90734	26.4033	26
$ 55	1,2-Dichloroethane-d4	65	4.647	4.647	(0.935)	117149	28.0353	28
60	Trichloroethene	130	5.160	5.160	(1.039)	33898	8.71519	9
* 75	Chlorobenzene-d5	117	8.718	8.718	(1.000)	207856	25.0000	
$ 77	Toluene-d8	98	6.819	6.813	(0.782)	281053	22.3270	22
80	Tetrachloroethene	164	7.332	7.332	(0.841)	1905	0.58046	0.6
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	99003	25.0000	
$ 125	Bromofluorobenzene	95	10.130	10.130	(0.911)	96488	26.6117	27
M 126	1,2-Dichloroethene (total)	100				4248	1.19106	1

QC Flag Legend

M - Compound response manually integrated.

Data File: W2876.D

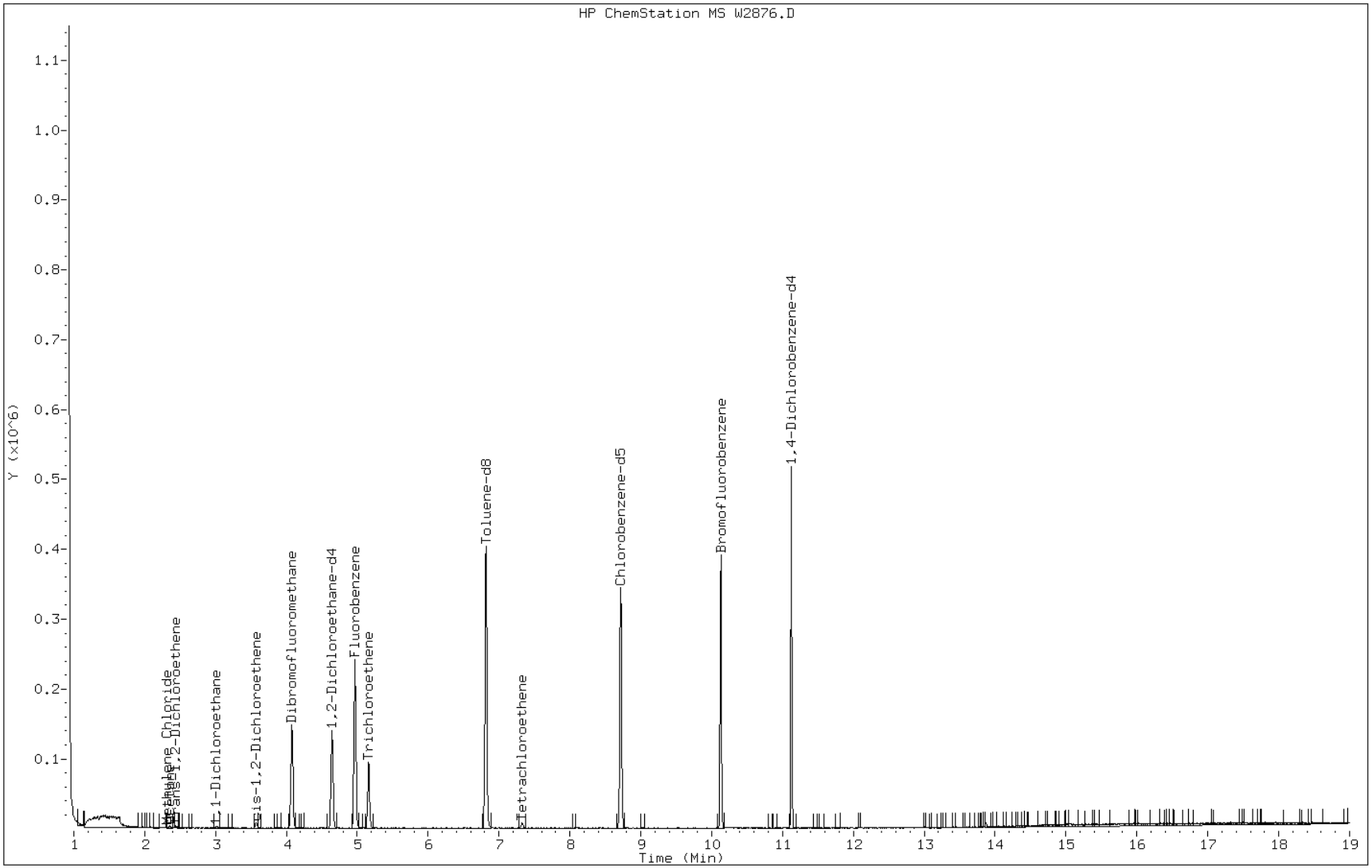
Date: 11-FEB-2009 19:09

Client ID: MW-33S

Instrument: msw.i

Sample Info: 220-7945-c-5

Operator: B.KOSTRZEWSKA



Data File: W2876.D

Date: 11-FEB-2009 19:09

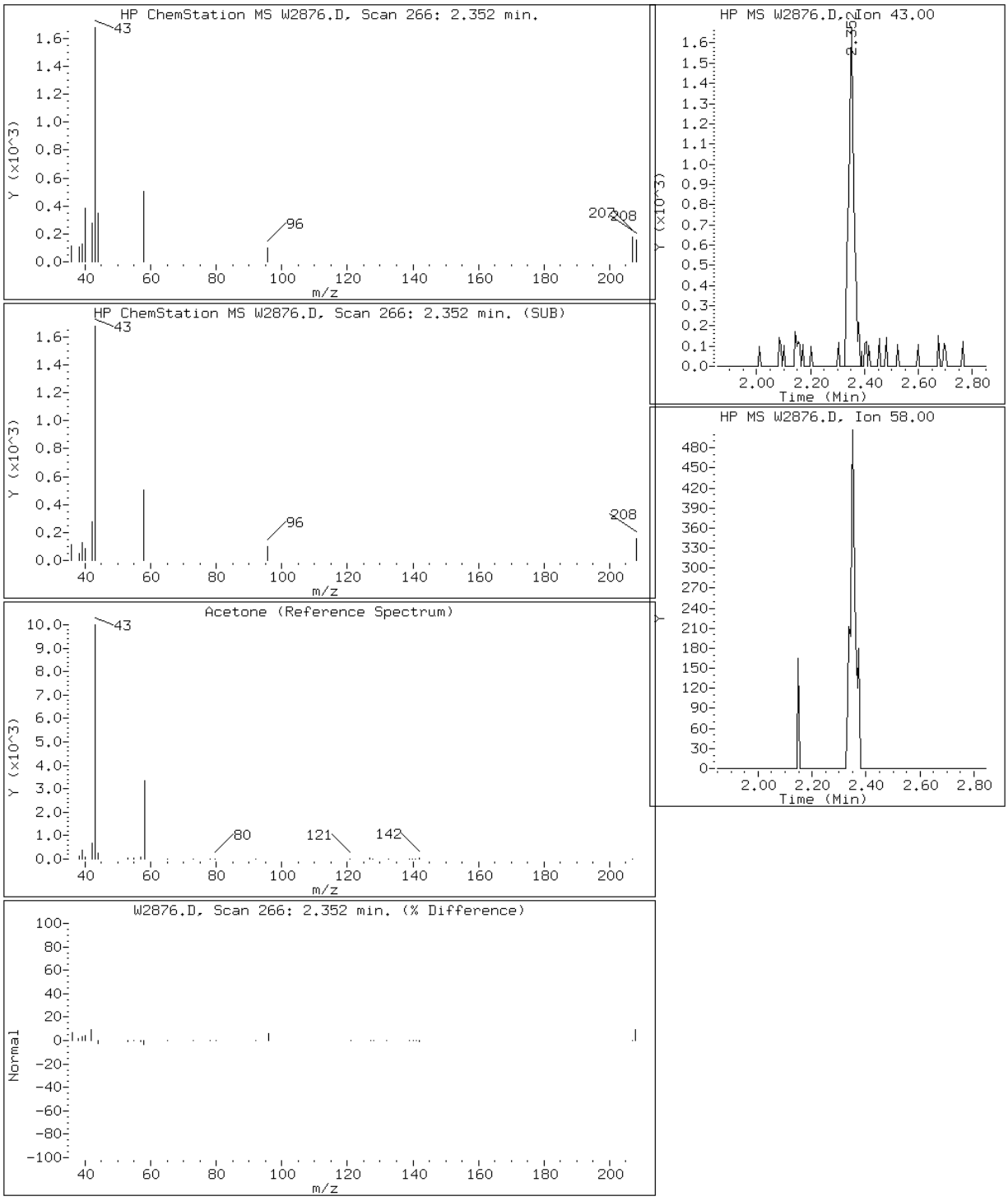
Client ID: MW-33S

Instrument: msw.i

Sample Info: 220-7945-c-5

Operator: B.KOSTRZEWSKA

21 Acetone



Data File: W2876.D

Date: 11-FEB-2009 19:09

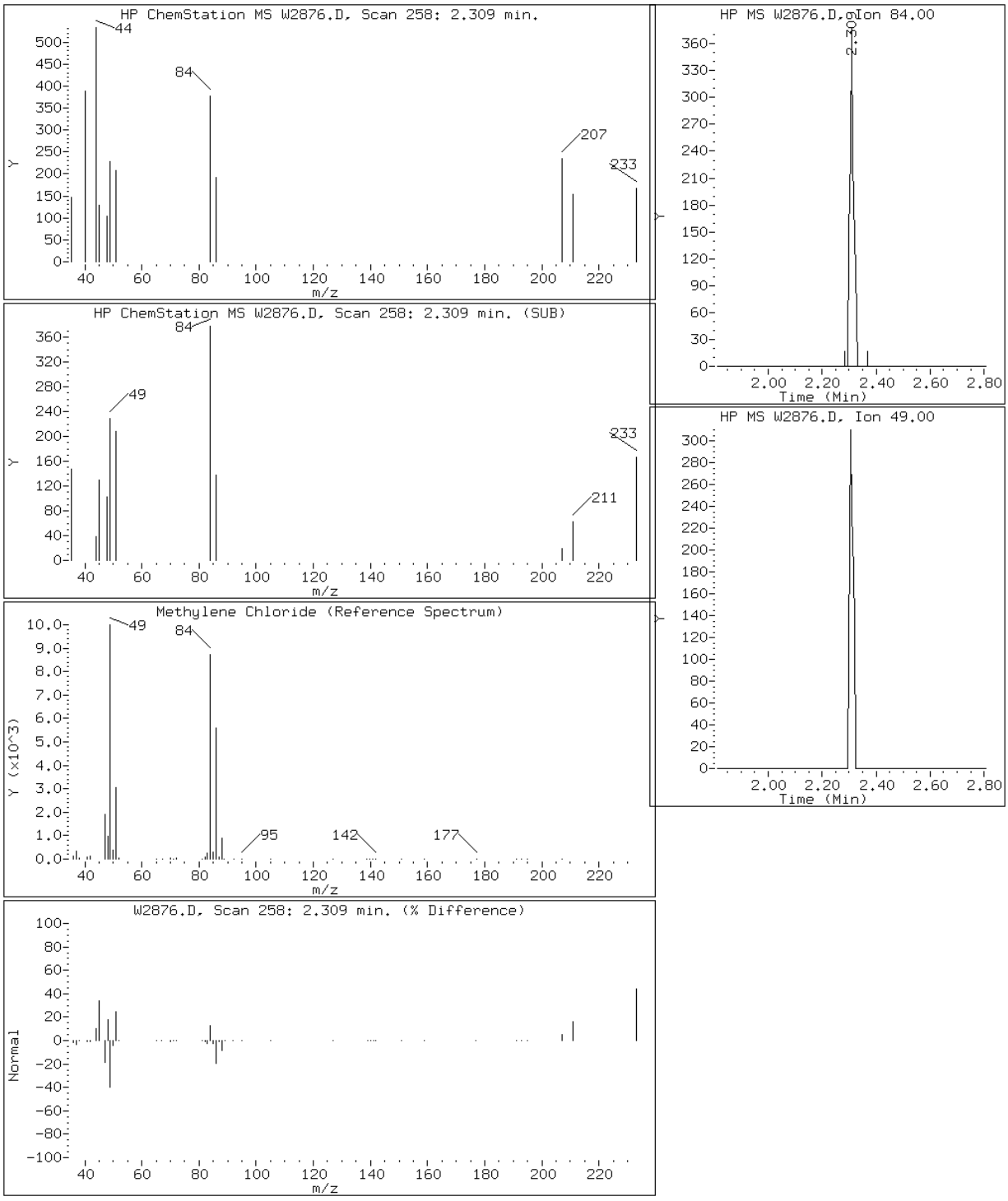
Client ID: MW-33S

Instrument: msw.i

Sample Info: 220-7945-c-5

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



Data File: W2876.D

Date: 11-FEB-2009 19:09

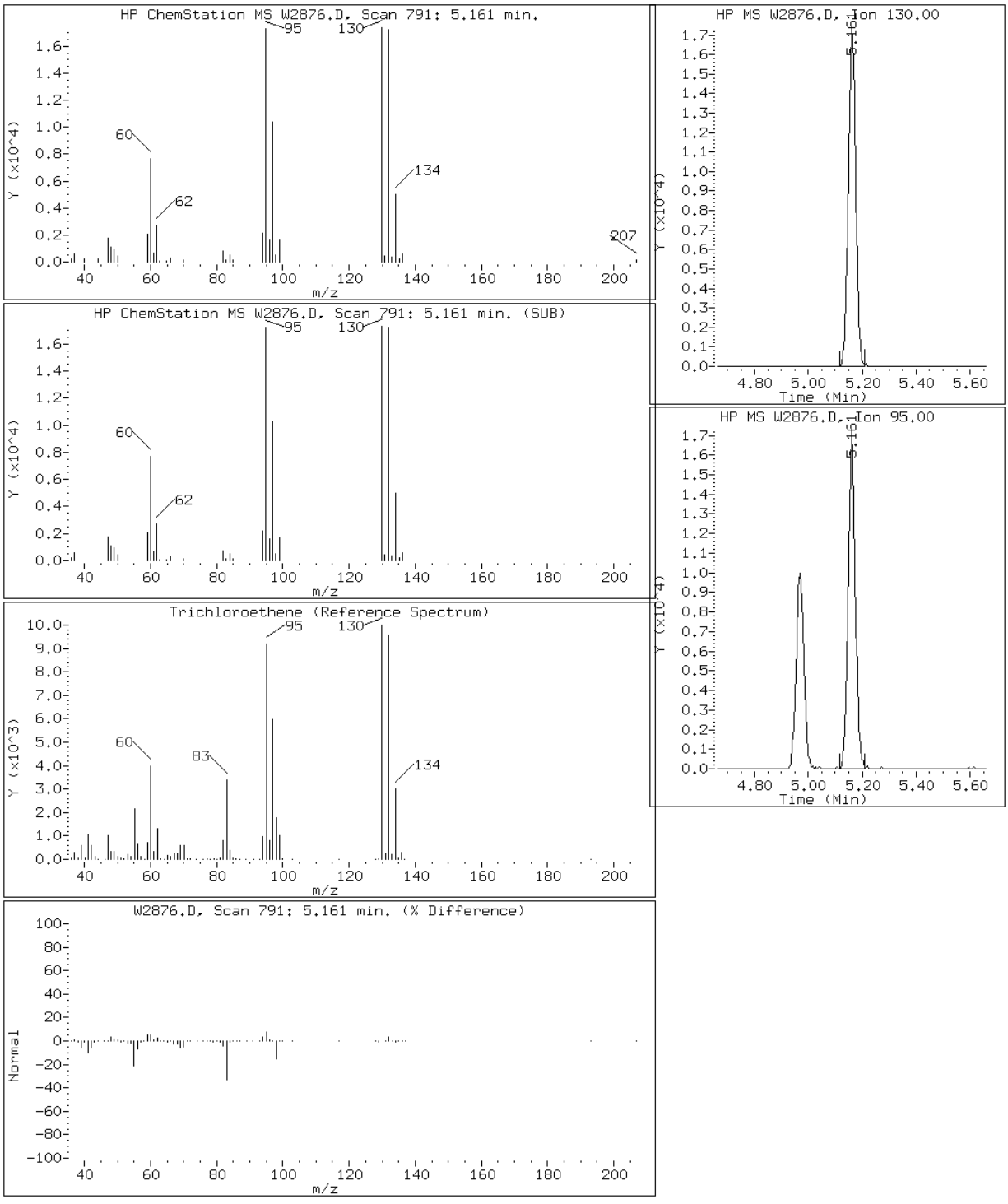
Client ID: MW-33S

Instrument: msw.i

Sample Info: 220-7945-c-5

Operator: B.KOSTRZEWSKA

60 Trichloroethene



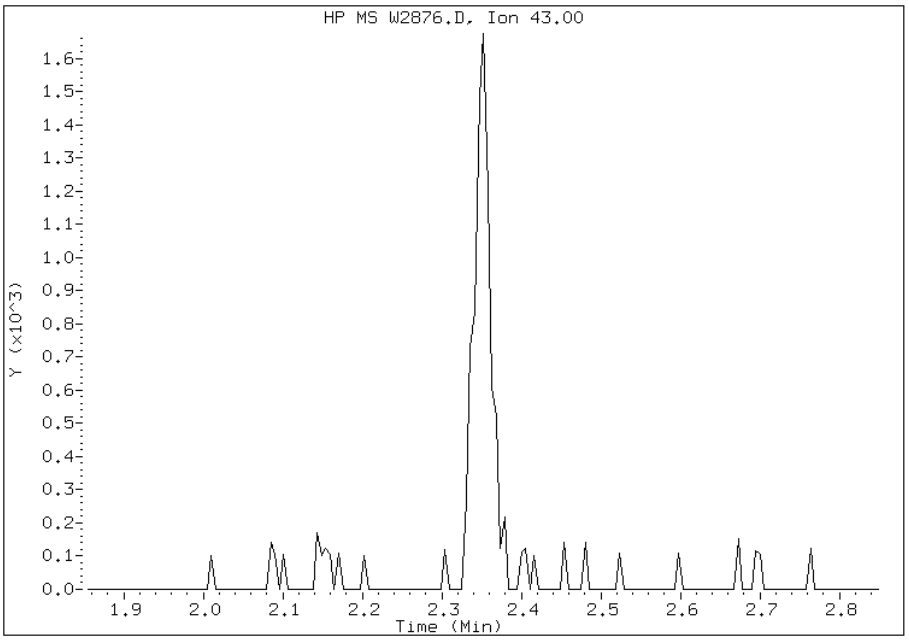
Manual Integration Report

Data File: W2876.D
Inj. Date and Time: 11-FEB-2009 19:09
Instrument ID: msw.i
Client ID: MW-33S
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



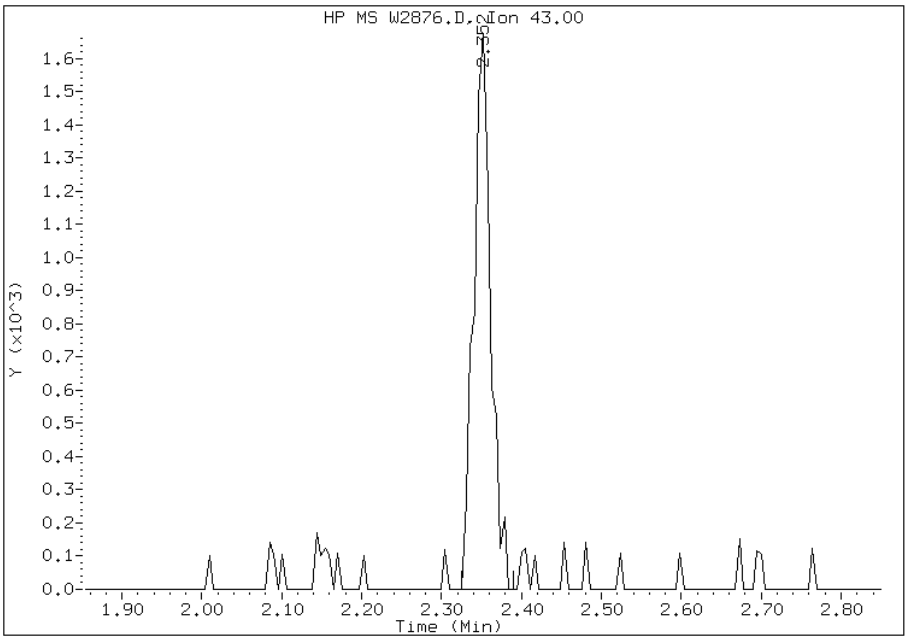
Manual Integration Results

RT: 2.35

Response: 2462

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

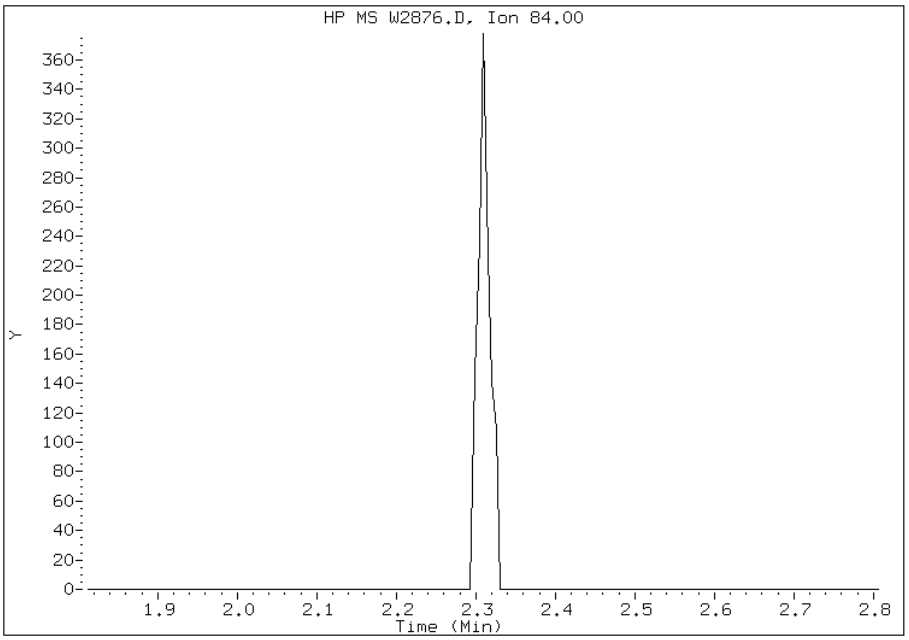
Manual Integration Report

Data File: W2876.D
Inj. Date and Time: 11-FEB-2009 19:09
Instrument ID: msw.i
Client ID: MW-33S
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



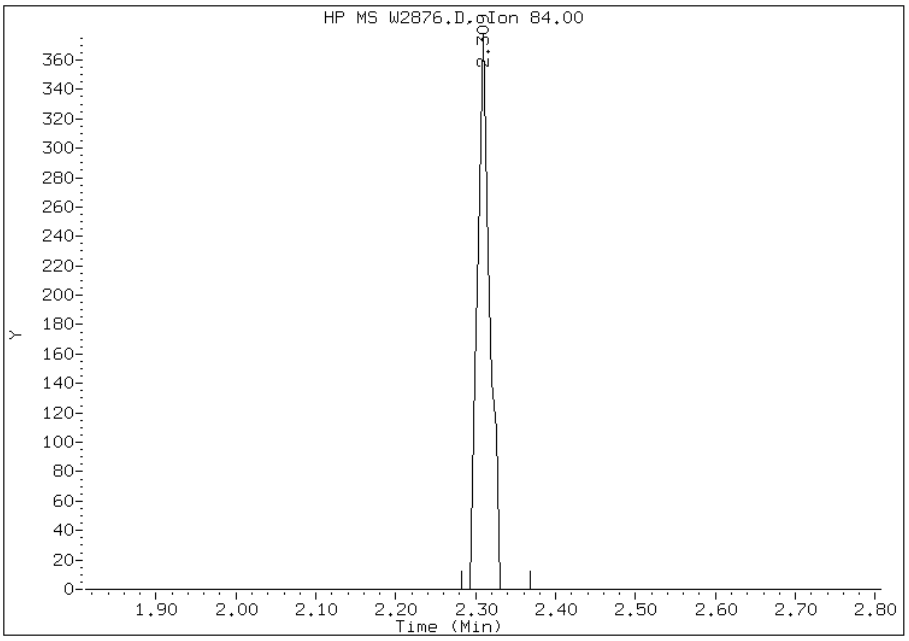
Manual Integration Results

RT: 2.31

Response: 398

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-34S | Lab Sample ID: 220-7945-6

Matrix: Water | Lab File ID: W2847.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2009 19:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.3	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.95	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-34S Lab Sample ID: 220-7945-6

Matrix: Water Lab File ID: W2847.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/10/2009 19:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24246 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110	53-125	
460-00-4	4-Bromofluorobenzene	86	73-127	
1868-53-7	Dibromofluoromethane	102	54-137	
2037-26-5	Toluene-d8 (Surr)	75	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2847.D
Lab Smp Id: 220-7945-D-6 Client Smp ID: MW-34S
Inj Date : 10-FEB-2009 19:09 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-d-6
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W8260LOW.m
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	229377	25.0000	
	20 Methylene Chloride	84	2.309	2.309	(0.465)	913	0.94538	0.9(M)
	21 Acetone	43	2.346	2.352	(0.472)	2082	2.25198	2(M)
$	41 Dibromofluoromethane	111	4.080	4.074	(0.821)	91526	25.4769	25
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	119752	27.4135	27
	60 Trichloroethene	130	5.160	5.160	(1.039)	458	0.11264	0.1(M)
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	218631	25.0000	
	76 Toluene	91	6.867	6.877	(0.788)	2434	0.15130	0.2
$	77 Toluene-d8	98	6.819	6.819	(0.782)	249534	18.8461	19
	80 Tetrachloroethene	164	7.332	7.327	(0.841)	565	0.16367	0.2(M)
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	98397	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.125	(0.911)	77591	21.5316	22

QC Flag Legend

M - Compound response manually integrated.

Data File: W2847.D

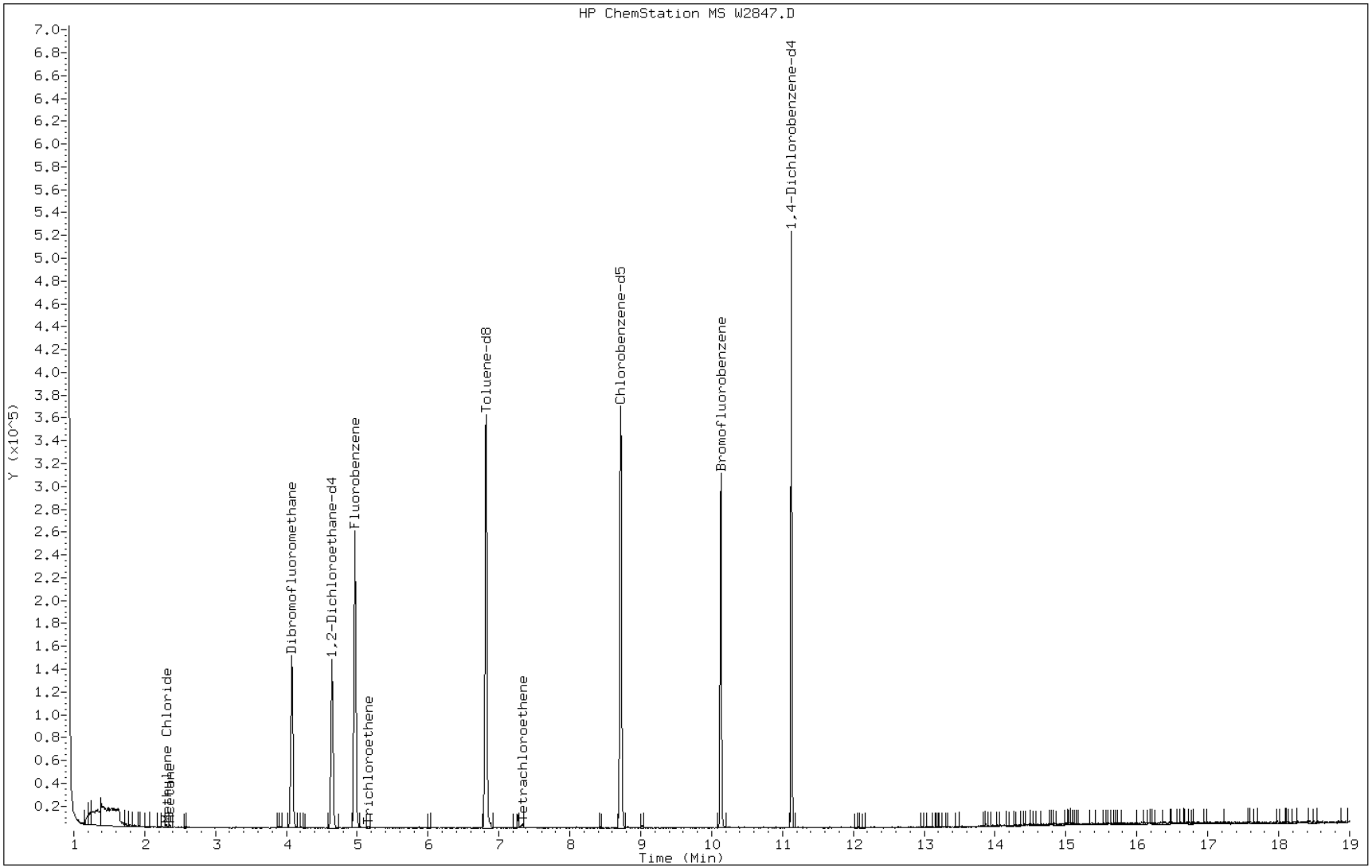
Date: 10-FEB-2009 19:09

Client ID: MW-34S

Instrument: msw.i

Sample Info: 220-7945-d-6

Operator: B.KOSTRZEWSKA



Data File: W2847.D

Date: 10-FEB-2009 19:09

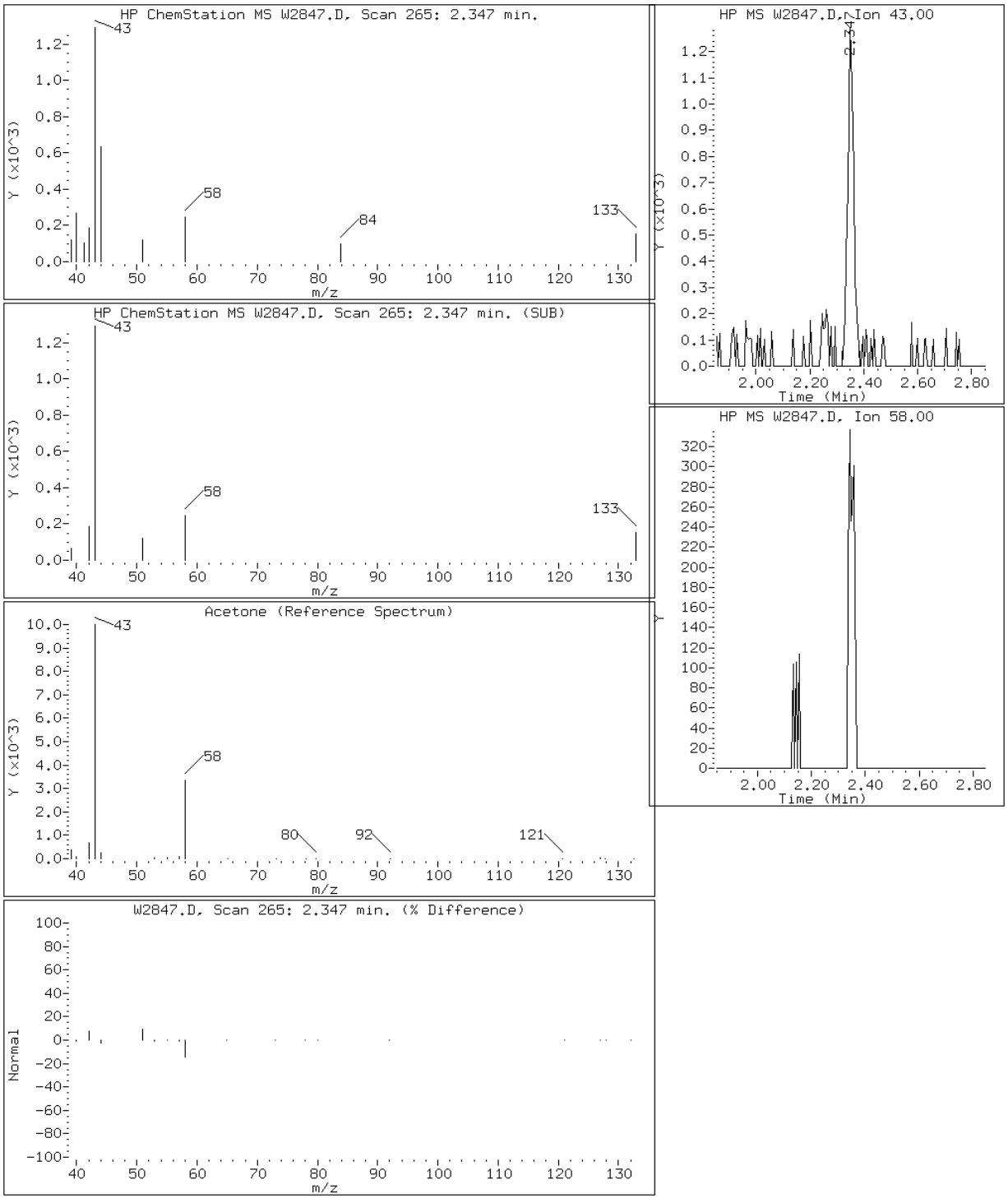
Client ID: MW-34S

Instrument: msw.i

Sample Info: 220-7945-d-6

Operator: B.KOSTRZEWSKA

21 Acetone



Data File: W2847.D

Date: 10-FEB-2009 19:09

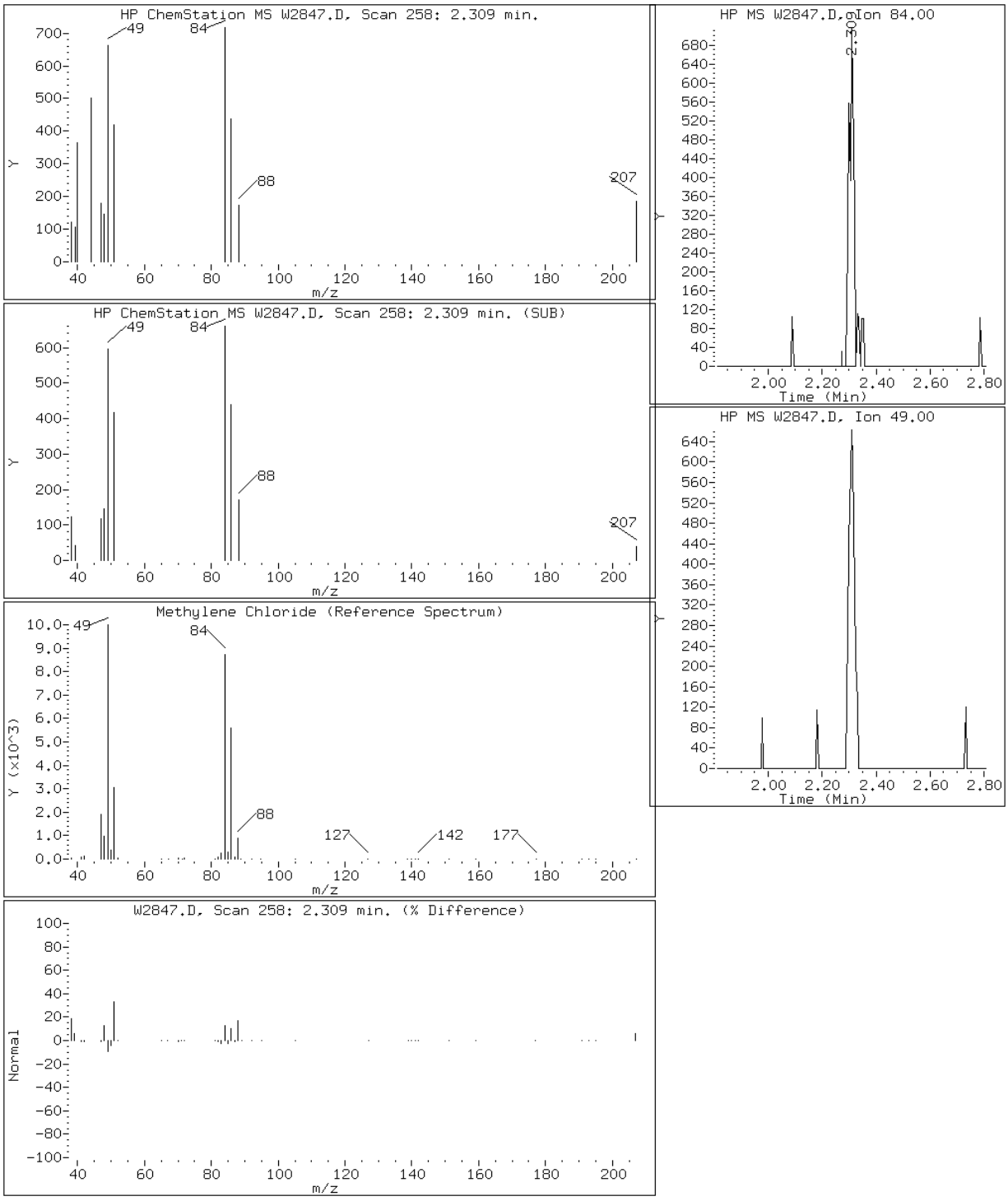
Client ID: MW-34S

Instrument: msw.i

Sample Info: 220-7945-d-6

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



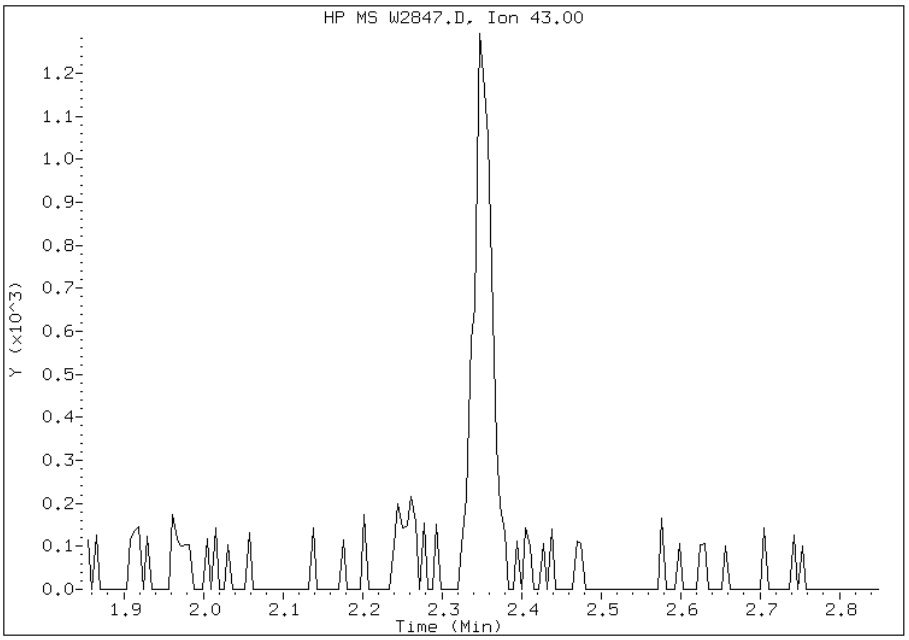
Manual Integration Report

Data File: W2847.D
Inj. Date and Time: 10-FEB-2009 19:09
Instrument ID: msw.i
Client ID: MW-34S
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



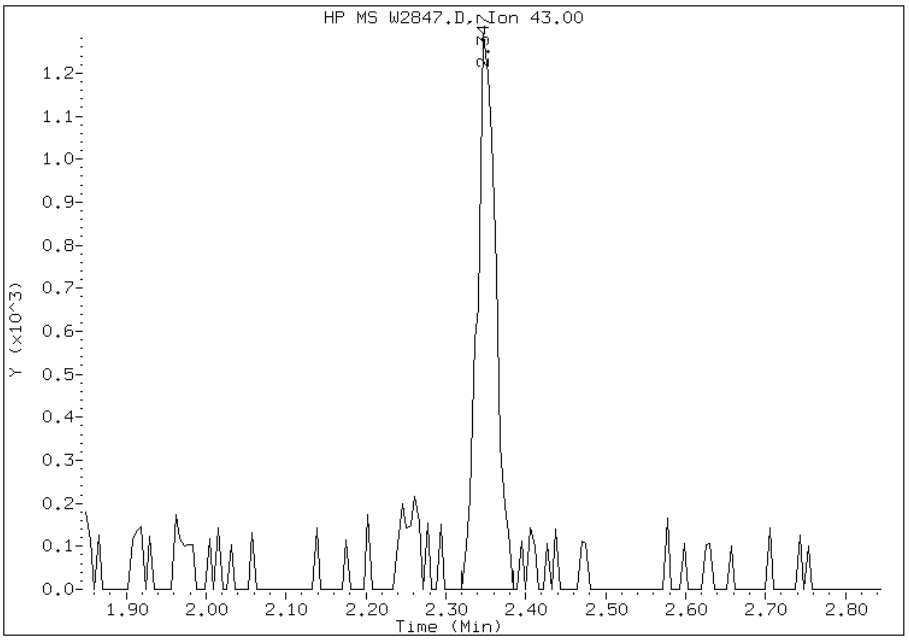
Manual Integration Results

RT: 2.35

Response: 2082

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

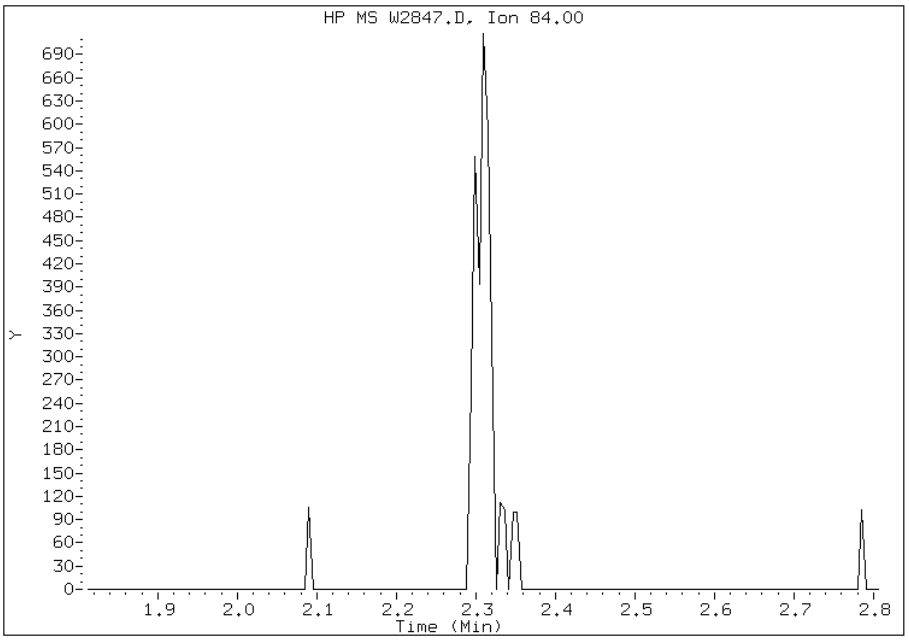
Manual Integration Report

Data File: W2847.D
Inj. Date and Time: 10-FEB-2009 19:09
Instrument ID: msw.i
Client ID: MW-34S
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/12/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



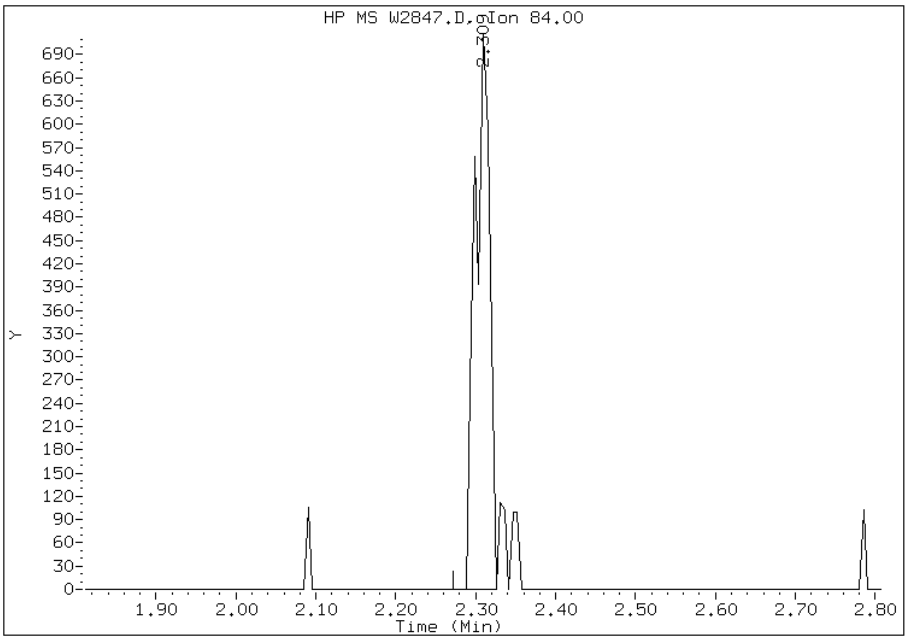
Manual Integration Results

RT: 2.31

Response: 913

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-35S | Lab Sample ID: 220-7945-7

Matrix: Water | Lab File ID: W2878.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2009 20:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24290 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	16		10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	4.2	J	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U *	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U *	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	24		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	1.9	J	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: MW-35S Lab Sample ID: 220-7945-7

Matrix: Water Lab File ID: W2878.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/11/2009 20:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24290 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	53-125	
460-00-4	4-Bromofluorobenzene	89	73-127	
1868-53-7	Dibromofluoromethane	91	54-137	
2037-26-5	Toluene-d8 (Surr)	73	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W2878.D
Lab Smp Id: 220-7945-C-7 Client Smp ID: MW-35S
Inj Date : 11-FEB-2009 20:08 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-c-7
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W8260LOW.m
Meth Date : 12-Feb-2009 10:49 dawn Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	237224	25.0000	
	15 Carbon Disulfide	76	1.886	1.892	(0.380)	4414	0.45337	0.4(M)
	21 Acetone	43	2.346	2.352	(0.472)	19171	15.5719	16
	33 cis-1,2-Dichloroethene	96	3.582	3.582	(0.721)	7535	1.93002	2
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	84953	22.8650	23
	45 2-Butanone	43	4.229	4.224	(0.851)	6564	4.18264	4
$	55 1,2-Dichloroethane-d4	65	4.641	4.647	(0.934)	111559	24.6932	25
	60 Trichloroethene	130	5.160	5.160	(1.039)	102141	24.2889	24
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	229857	25.0000	
	76 Toluene	91	6.877	6.877	(0.789)	1944	0.11494	0.1
$	77 Toluene-d8	98	6.819	6.813	(0.782)	254639	18.2924	18
	80 Tetrachloroethene	164	7.332	7.332	(0.841)	905	0.24936	0.2(M)
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	111385	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.130	(0.911)	90443	22.1715	22
M	126 1,2-Dichloroethene (total)	100				7535	1.93002	2

QC Flag Legend

M - Compound response manually integrated.

Data File: W2878.D

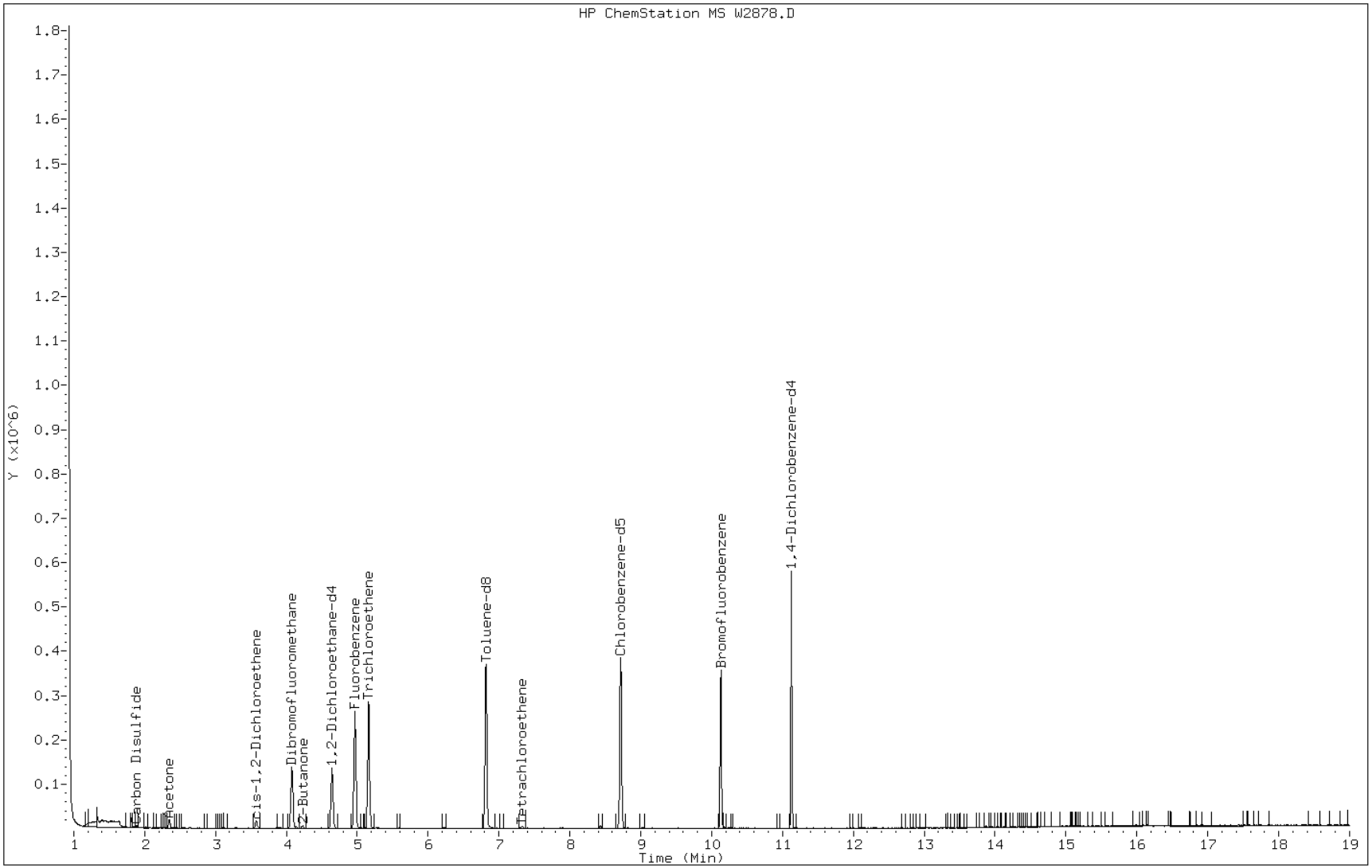
Date: 11-FEB-2009 20:08

Client ID: MW-35S

Instrument: msw.i

Sample Info: 220-7945-c-7

Operator: B.KOSTRZEWSKA



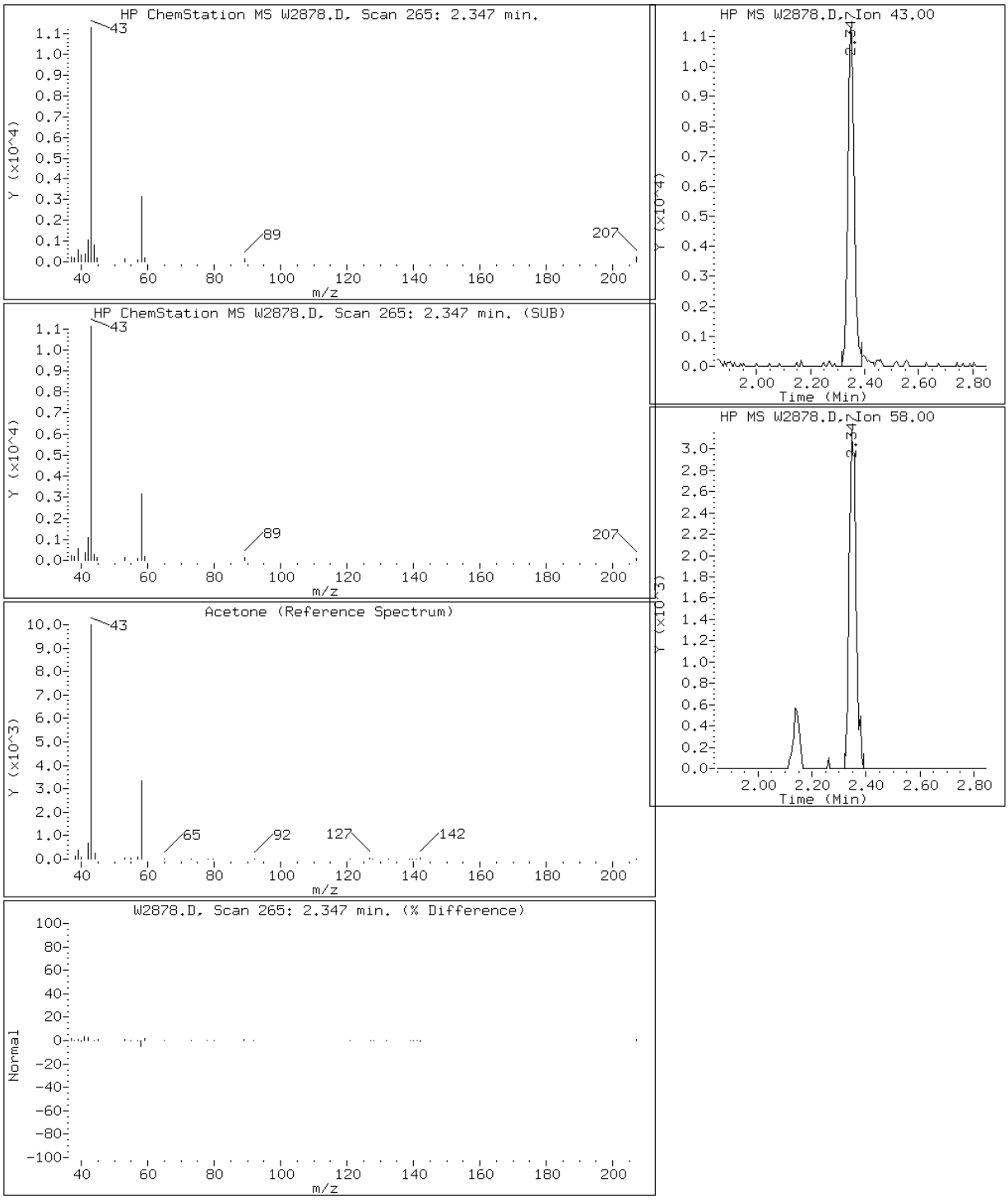
Data File: W2878.D

Date: 11-FEB-2009 20:08

Client ID: MW-35S Instrument: msw.i

Sample Info: 220-7945-c-7 Operator: B.KOSTRZEWSKA

21 Acetone



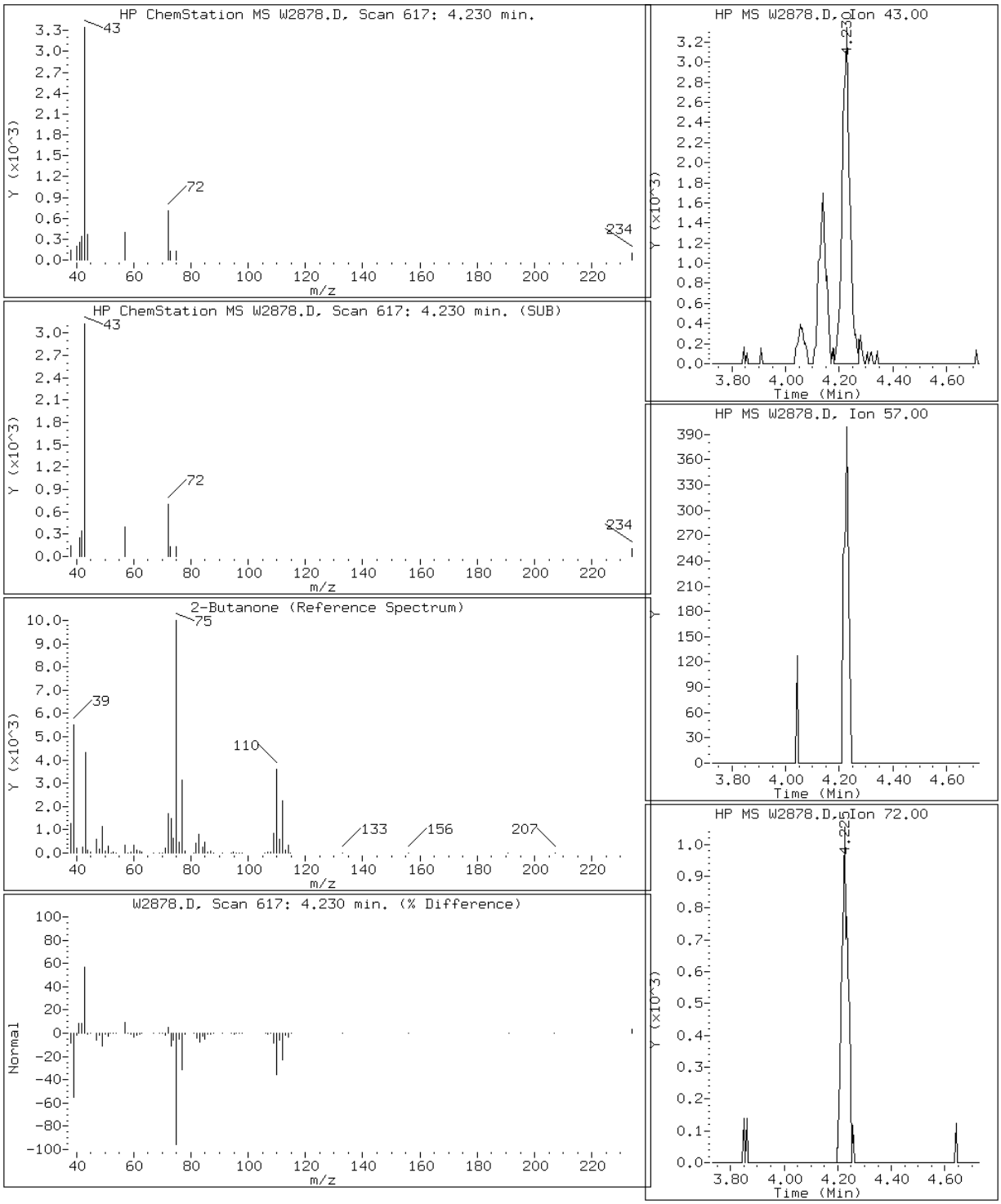
Data File: W2878.D

Date: 11-FEB-2009 20:08

Client ID: MW-35S Instrument: msw.i

Sample Info: 220-7945-c-7 Operator: B.KOSTRZEWSKA

45 2-Butanone



Data File: W2878.D

Date: 11-FEB-2009 20:08

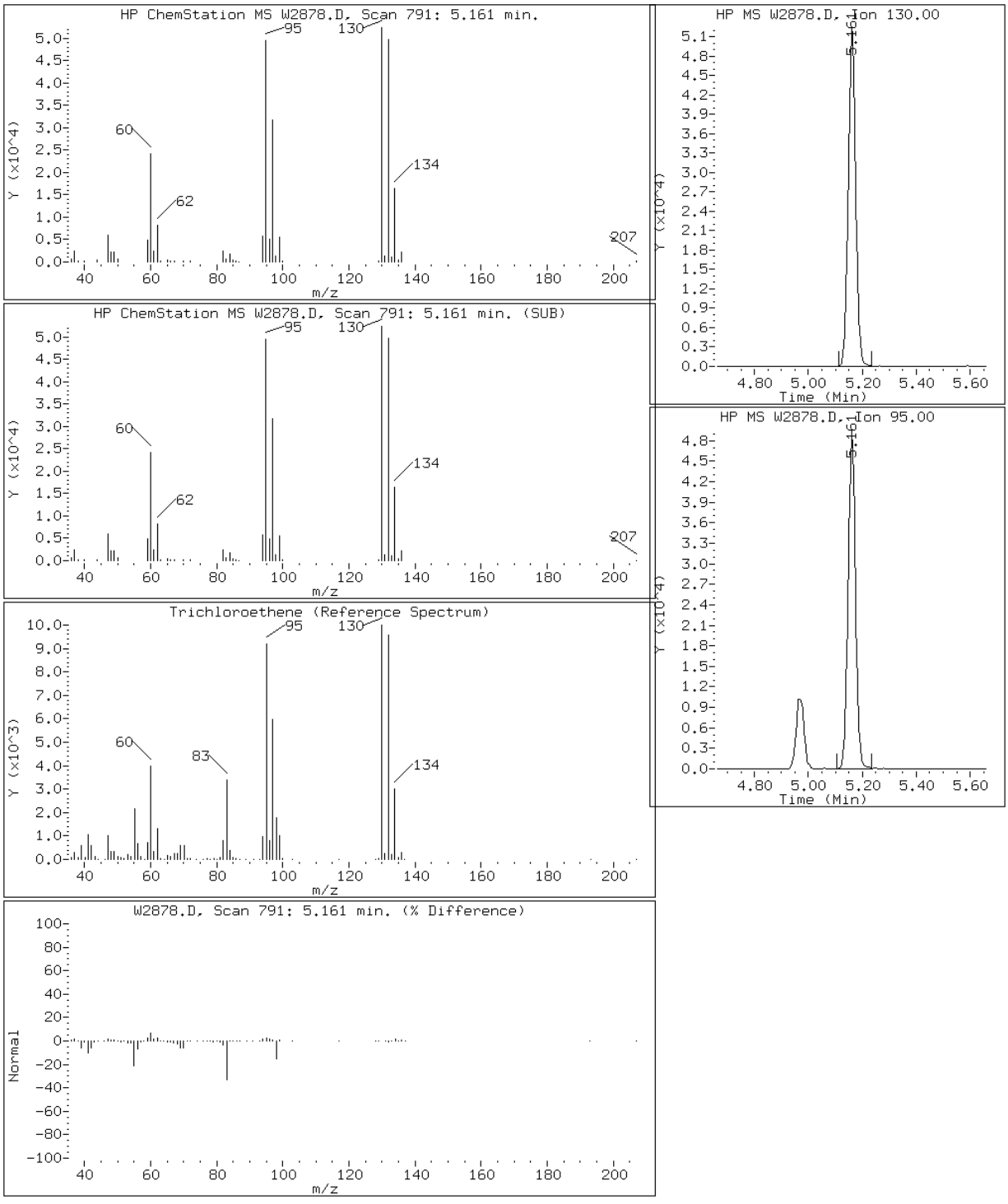
Client ID: MW-35S

Instrument: msw.i

Sample Info: 220-7945-c-7

Operator: B.KOSTRZEWSKA

60 Trichloroethene



Data File: W2878.D

Date: 11-FEB-2009 20:08

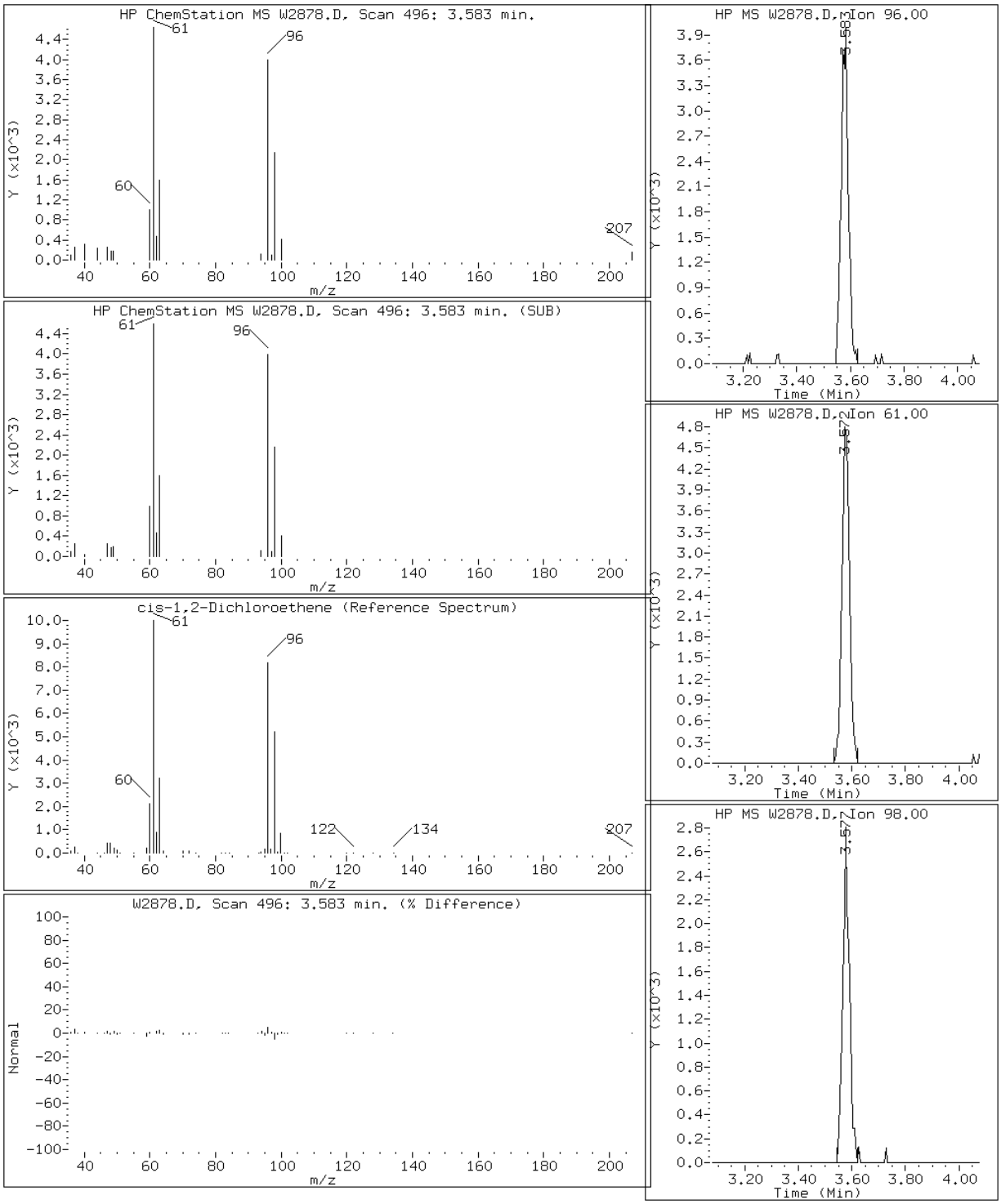
Client ID: MW-35S

Instrument: msw.i

Sample Info: 220-7945-c-7

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: OW-4 | Lab Sample ID: 220-7945-8

Matrix: Water | Lab File ID: W2879.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2009 20:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24290 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.9	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	4.1	J	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U *	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.79	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U *	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	6.4		5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	97		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	1.9	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: OW-4 Lab Sample ID: 220-7945-8

Matrix: Water Lab File ID: W2879.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/11/2009 20:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24290 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	87	54-137	
2037-26-5	Toluene-d8 (Surr)	74	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W2879.D
Lab Smp Id: 220-7945-C-8 Client Smp ID: OW-4
Inj Date : 11-FEB-2009 20:38 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-c-8
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W8260LOW.m
Meth Date : 12-Feb-2009 10:49 dawn Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	248653	25.0000	
	4 Vinyl Chloride	62	1.175	1.175	(0.237)	25188	6.44367	6
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	12985	4.11359	4
	20 Methylene Chloride	84	2.314	2.309	(0.466)	381	0.78603	0.8(M)
	21 Acetone	43	2.357	2.352	(0.475)	1801	1.91150	2(M)
	22 trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	7217	1.89847	2
	24 Methyl tert-Butyl Ether	73	2.550	2.544	(0.513)	52828	5.64692	6
	31 1,1-Dichloroethane	63	3.010	3.015	(0.606)	2068	0.30928	0.3(M)
	33 cis-1,2-Dichloroethene	96	3.577	3.582	(0.720)	398882	97.4737	97
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	84849	21.7874	22
$	55 1,2-Dichloroethane-d4	65	4.641	4.647	(0.934)	112169	23.6870	24
	60 Trichloroethene	130	5.166	5.160	(1.040)	6255688	1419.22	1400(A)
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	236242	25.0000	
$	77 Toluene-d8	98	6.819	6.813	(0.782)	265468	18.5549	18
	80 Tetrachloroethene	164	7.338	7.332	(0.842)	1952	0.52332	0.5
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	113677	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.130	(0.911)	90599	21.7620	22
M	126 1,2-Dichloroethene (total)	100				406099	99.3722	99

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

QC Flag Legend

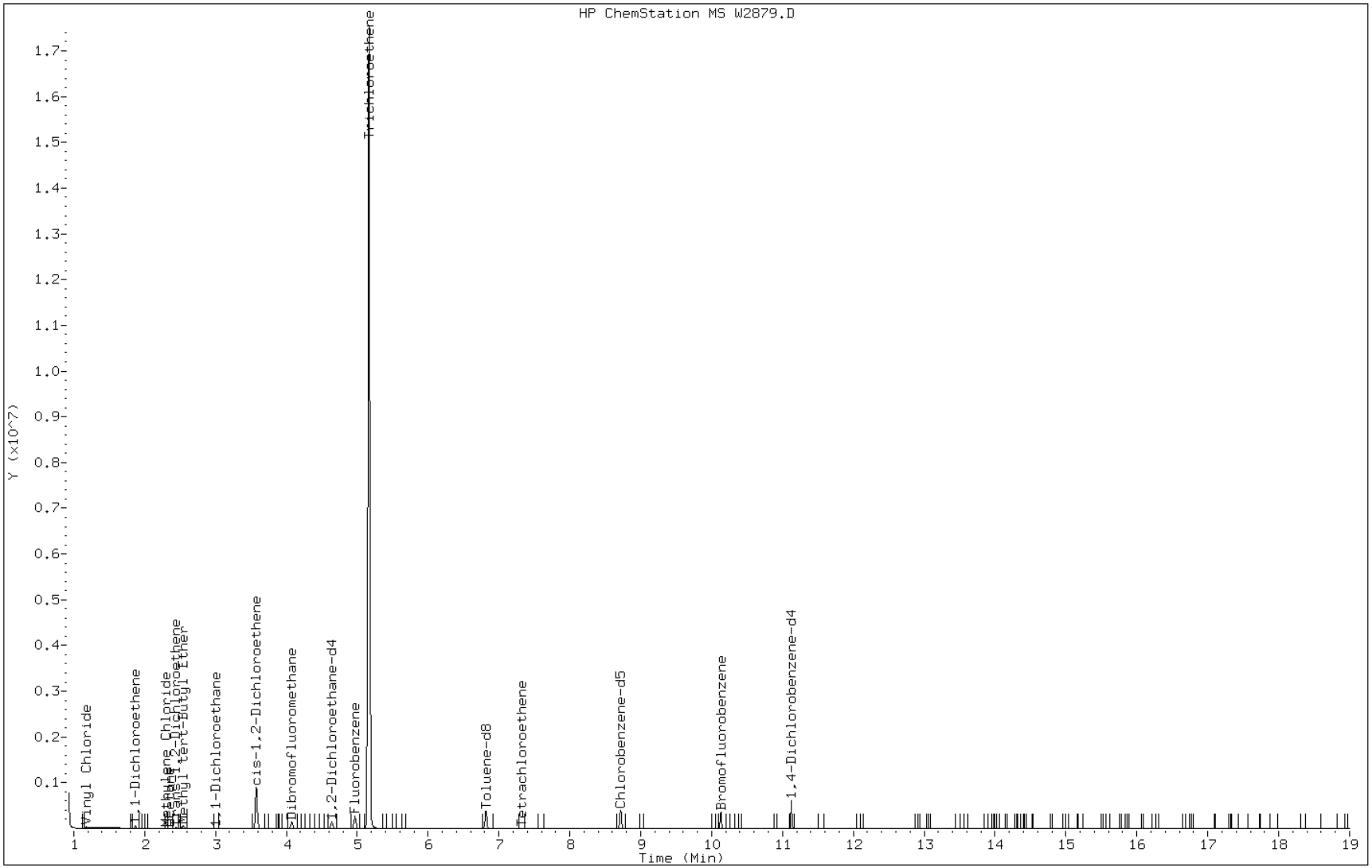
M - Compound response manually integrated.

Data File: W2879.D

Date: 11-FEB-2009 20:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-c-8 Operator: B.KOSTRZEWSKA



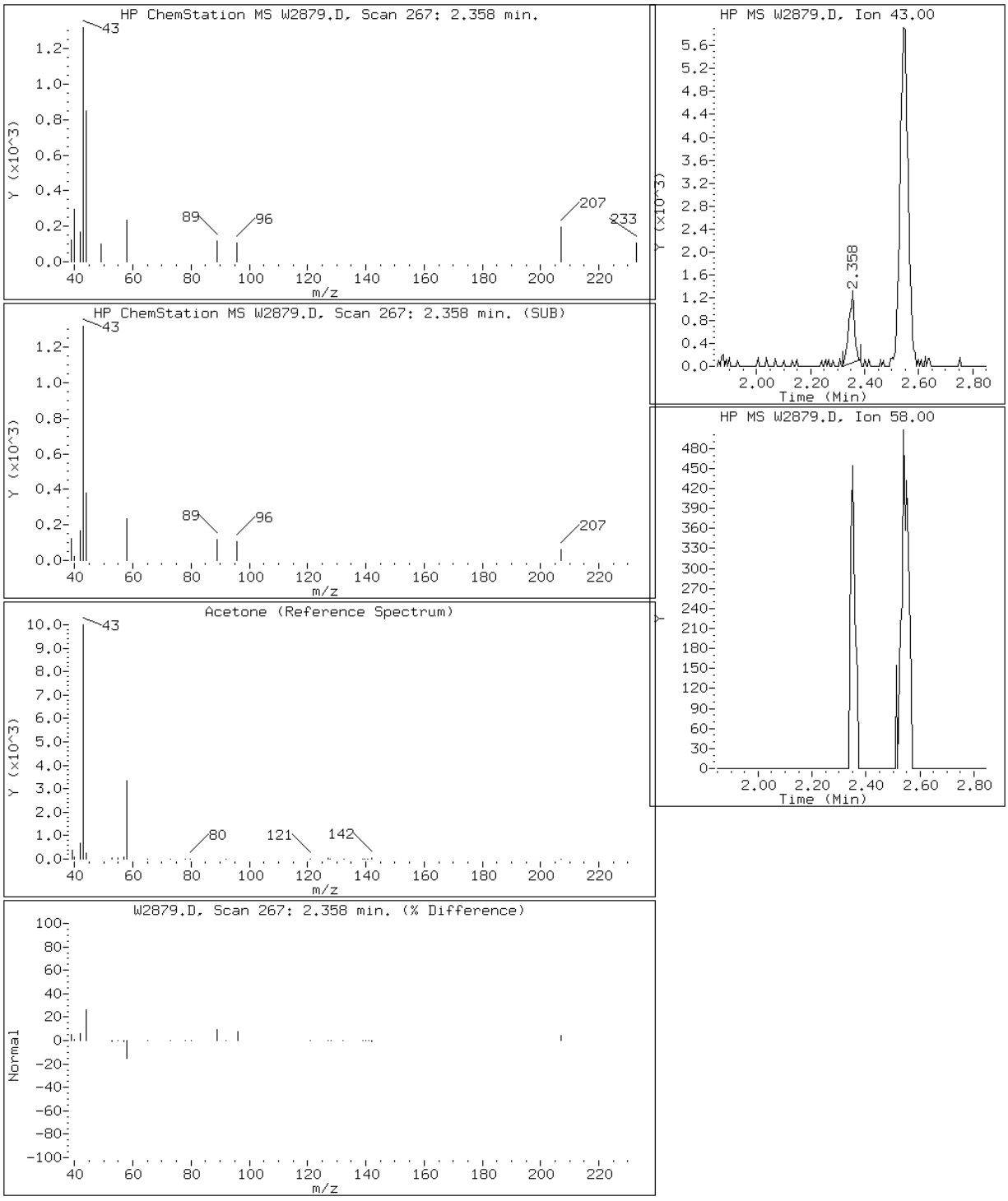
Data File: W2879.D

Date: 11-FEB-2009 20:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-c-8 Operator: B.KOSTRZEWSKA

21 Acetone



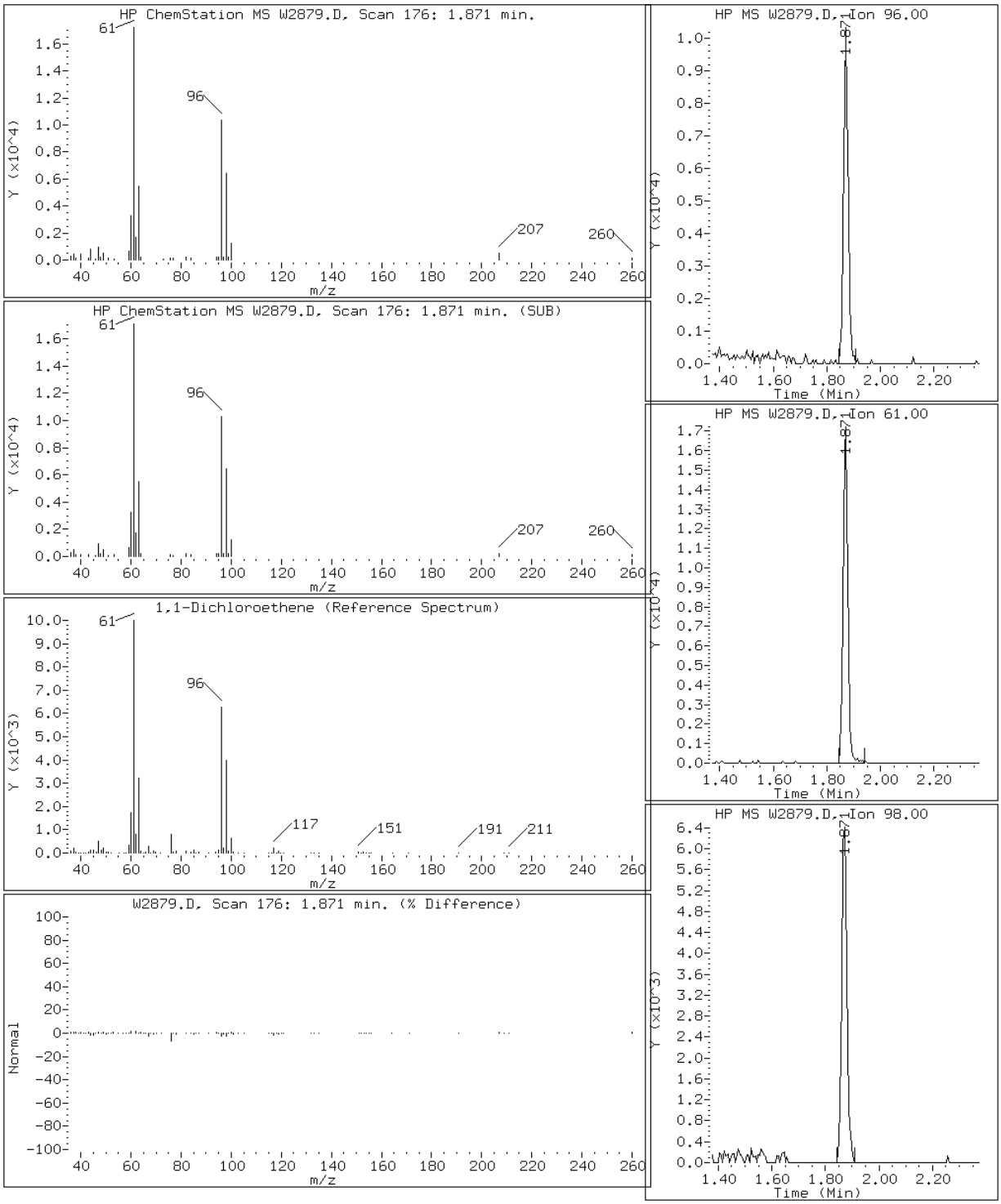
Data File: W2879.D

Date: 11-FEB-2009 20:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-c-8 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



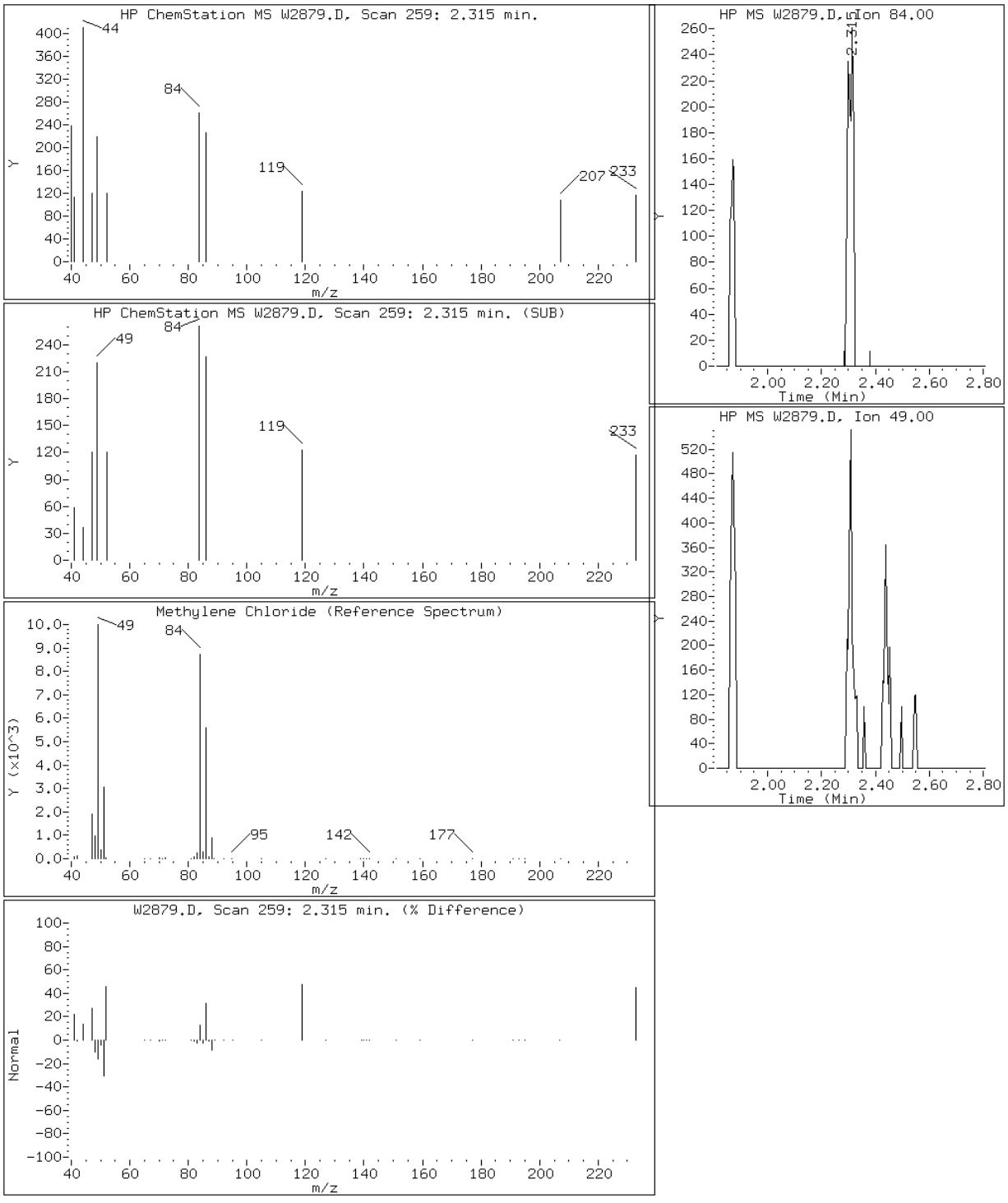
Data File: W2879.D

Date: 11-FEB-2009 20:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-c-8 Operator: B.KOSTRZEWSKA

20 Methylene Chloride



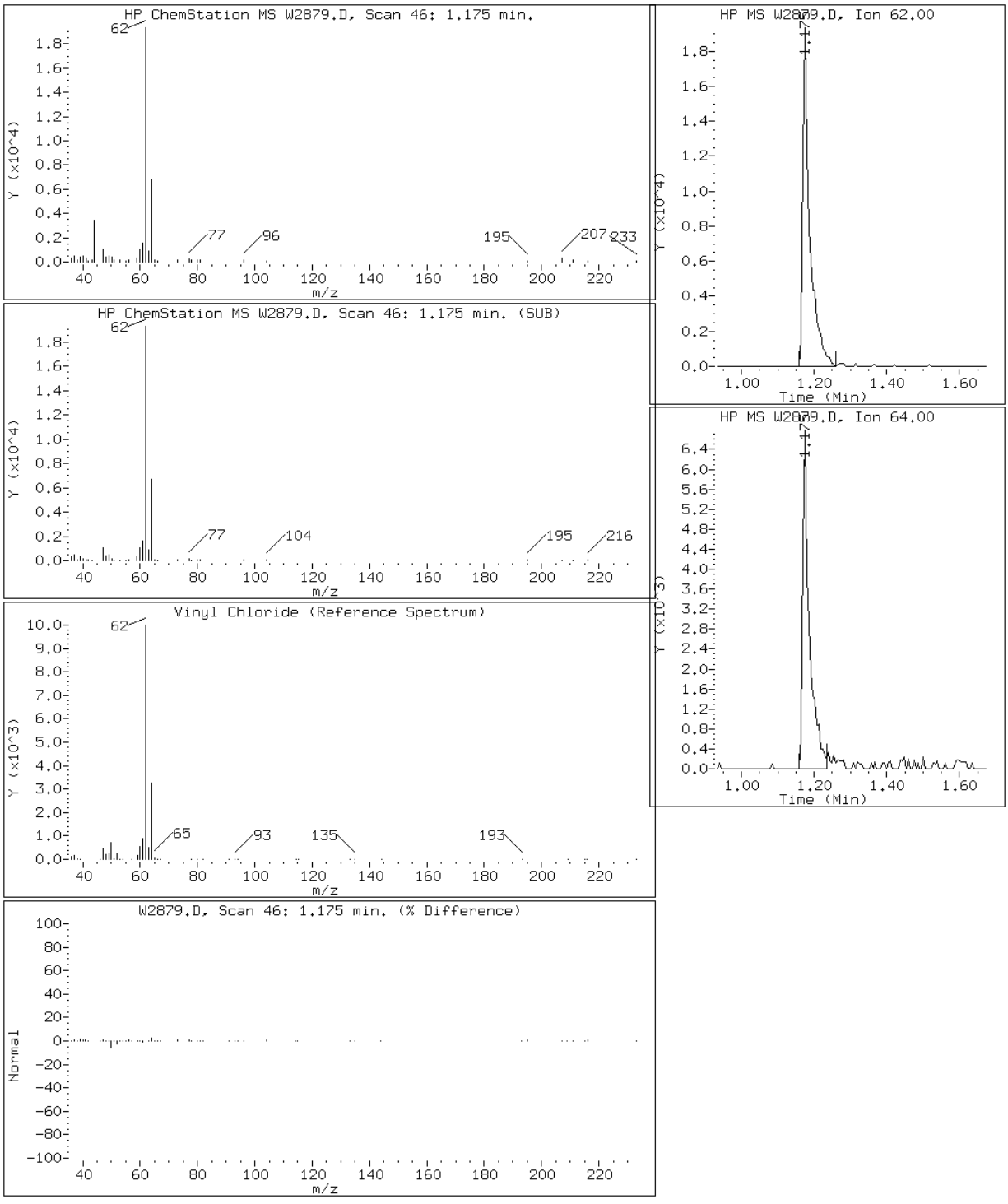
Data File: W2879.D

Date: 11-FEB-2009 20:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-c-8 Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



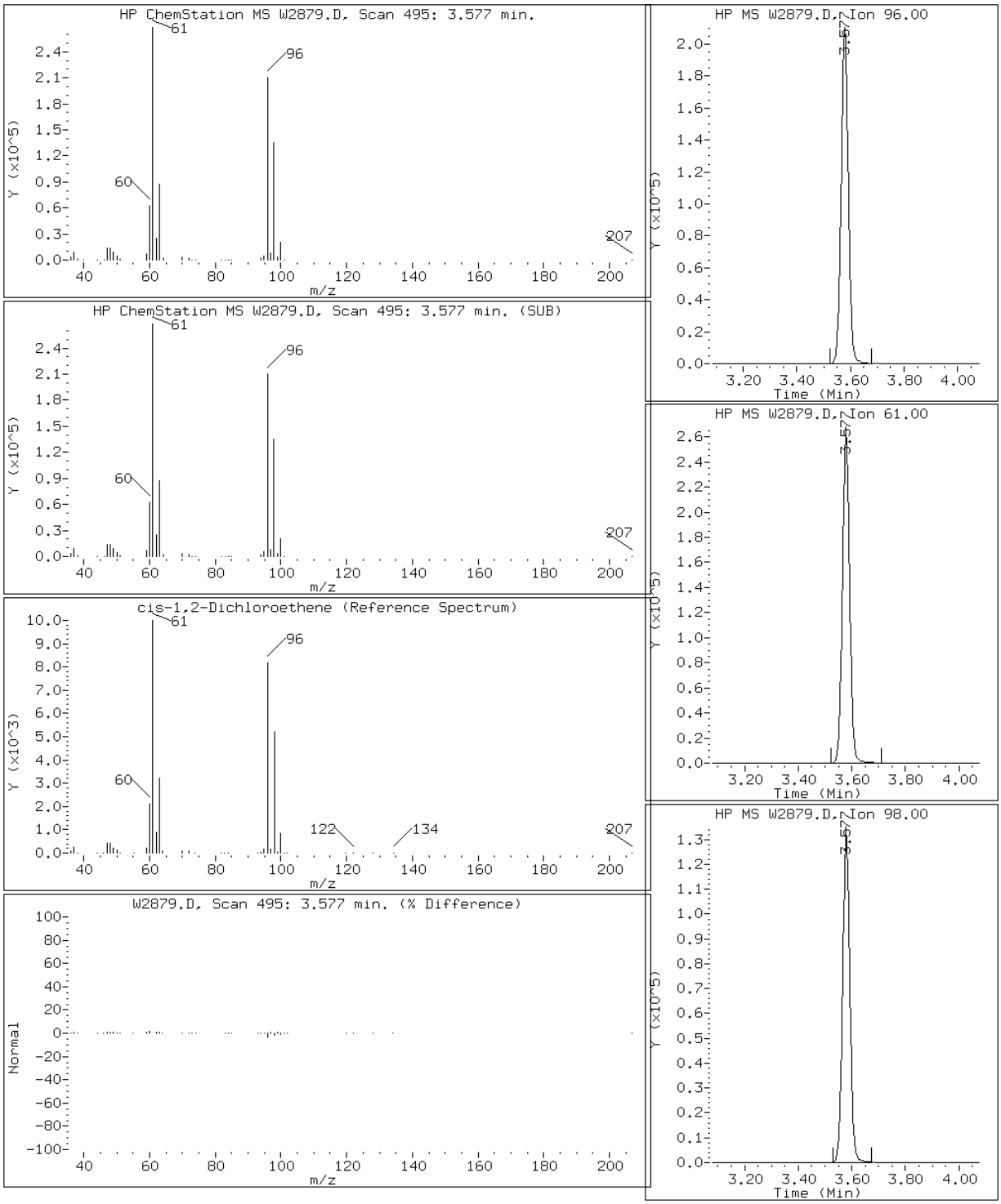
Data File: W2879.D

Date: 11-FEB-2009 20:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-c-8 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



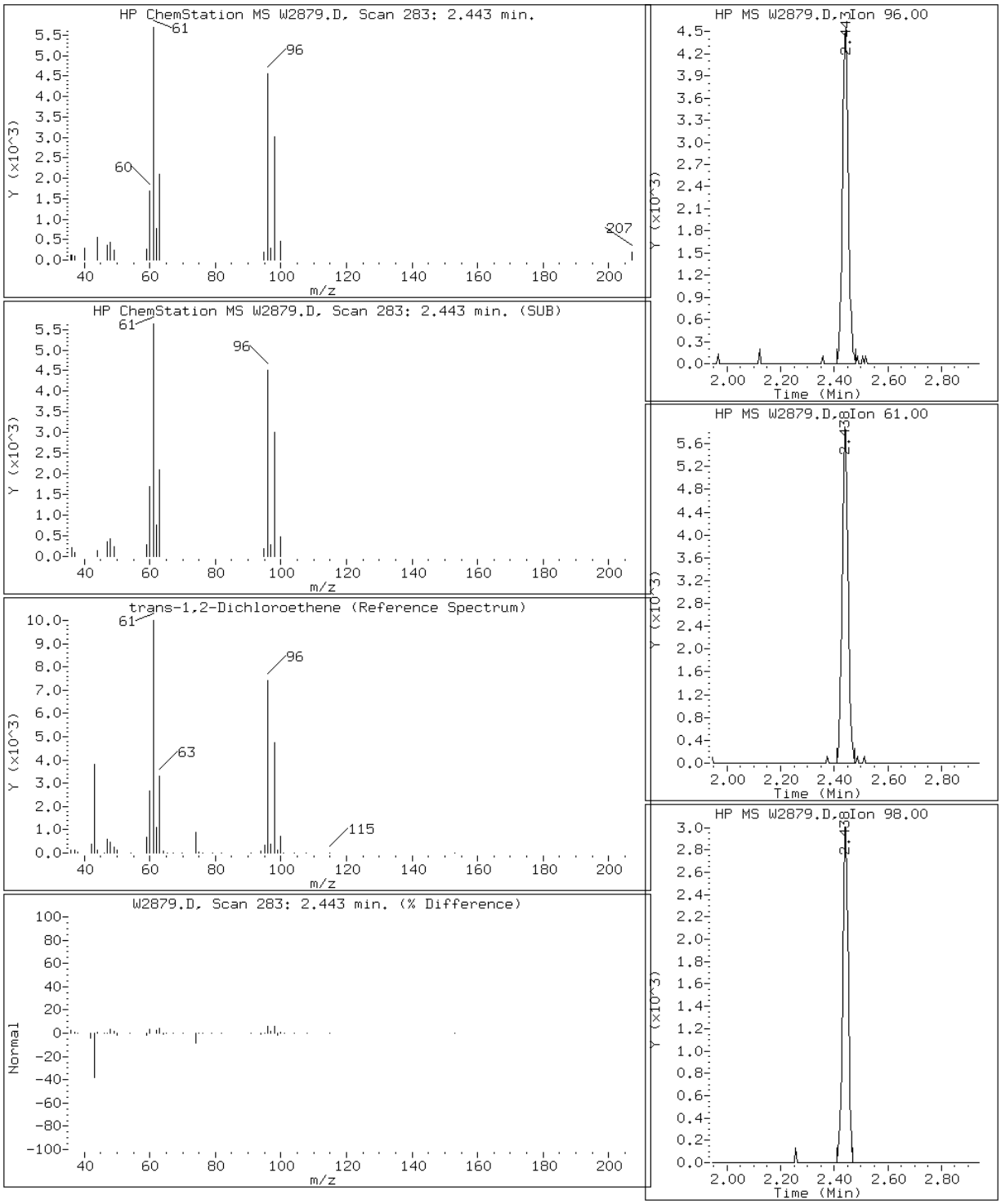
Data File: W2879.D

Date: 11-FEB-2009 20:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-c-8 Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



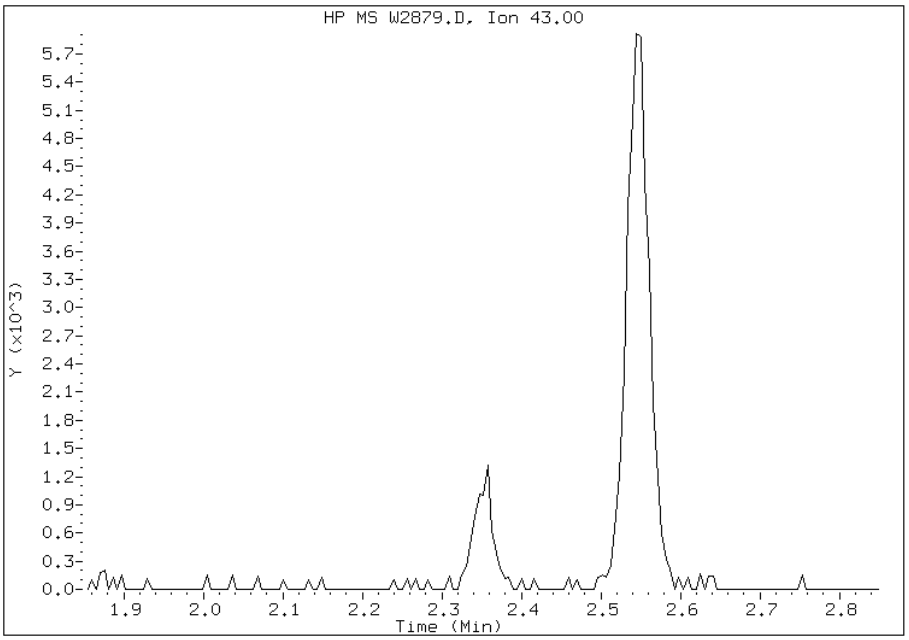
Manual Integration Report

Data File: W2879.D
Inj. Date and Time: 11-FEB-2009 20:38
Instrument ID: msw.i
Client ID: OW-4
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/13/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



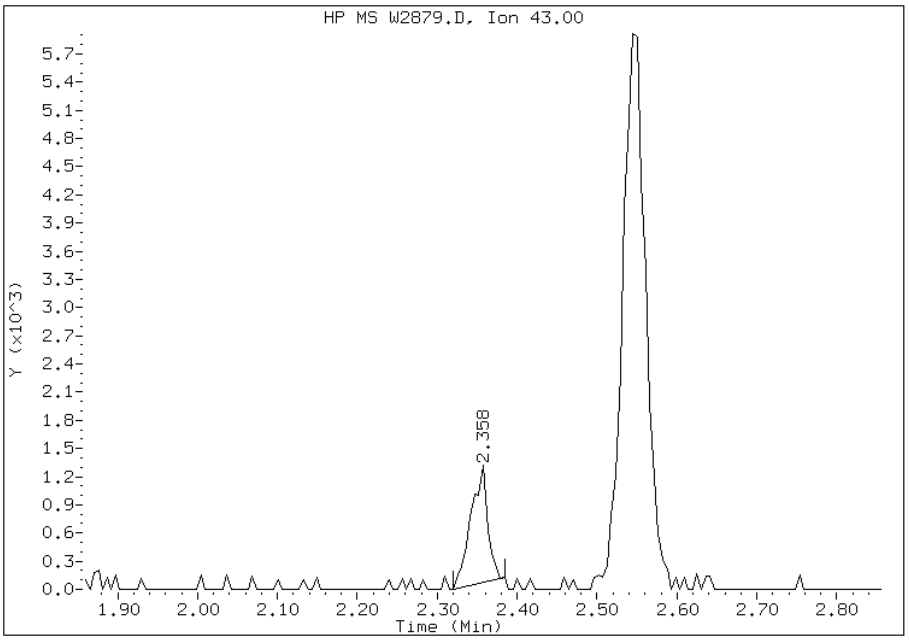
Manual Integration Results

RT: 2.36

Response: 1801

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

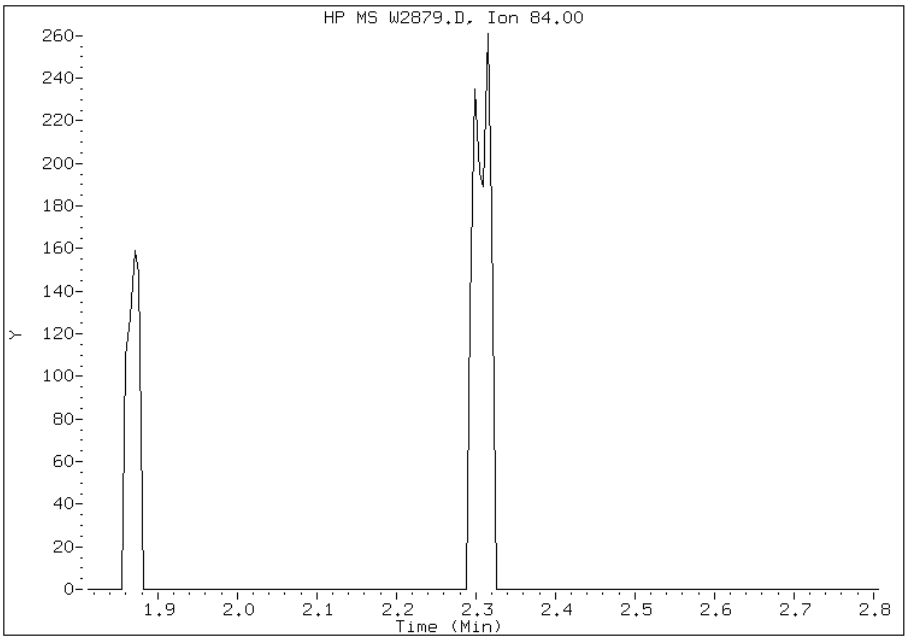
Manual Integration Report

Data File: W2879.D
Inj. Date and Time: 11-FEB-2009 20:38
Instrument ID: msw.i
Client ID: OW-4
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/13/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



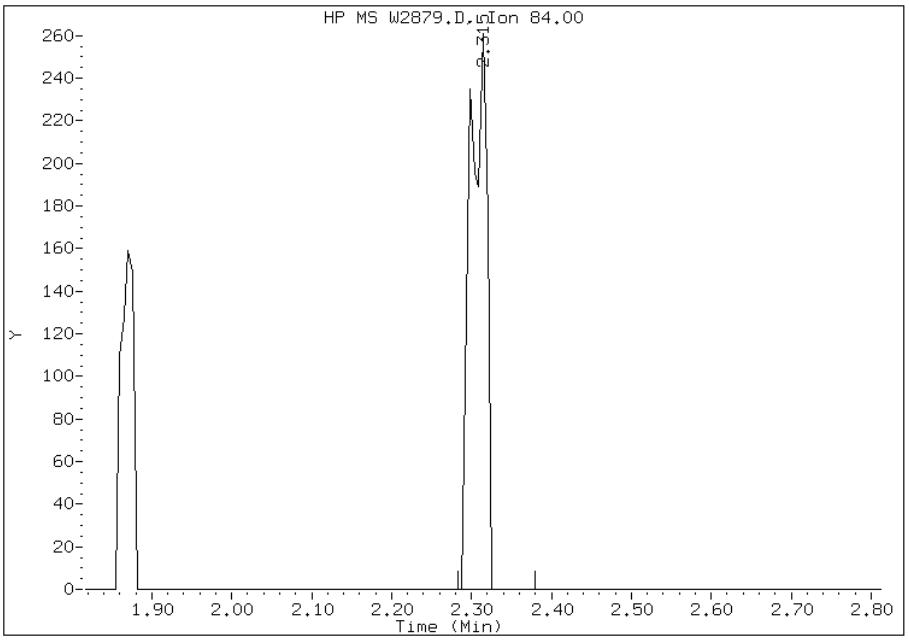
Manual Integration Results

RT: 2.31

Response: 381

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: OW-4 DL Lab Sample ID: 220-7945-8 DL

Matrix: Water Lab File ID: W2916.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/12/2009 15:38

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24314 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1600		100	12

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	53-125	
460-00-4	4-Bromofluorobenzene	90	73-127	
1868-53-7	Dibromofluoromethane	100	54-137	
2037-26-5	Toluene-d8 (Surr)	78	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W2916.D
Lab Smp Id: 220-7945-D-8 Client Smp ID: OW-4
Inj Date : 12-FEB-2009 15:38 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-d-8
Misc Info : : ;;; ; 8260 ; 20; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W8260LOW.m
Meth Date : 12-Feb-2009 12:50 ctvoa Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 7
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.973	4.973	(1.000)	194327	25.0000	
4	Vinyl Chloride	62	1.175	1.175	(0.236)	1174	0.38430	8(M)
20	Methylene Chloride	84	2.309	2.309	(0.464)	1987	1.35185	27
21	Acetone	43	2.346	2.352	(0.472)	1033	1.55365	31(M)
22	trans-1,2-Dichloroethene	96	2.437	2.443	(0.490)	464	0.15618	3(M)
33	cis-1,2-Dichloroethene	96	3.582	3.582	(0.720)	15809	4.94320	99
$ 41	Dibromofluoromethane	111	4.080	4.080	(0.820)	76171	25.0270	25
$ 55	1,2-Dichloroethane-d4	65	4.641	4.647	(0.933)	99721	26.9454	27
60	Trichloroethene	130	5.160	5.166	(1.038)	268048	77.8120	1600
* 75	Chlorobenzene-d5	117	8.718	8.718	(1.000)	187024	25.0000	
$ 77	Toluene-d8	98	6.819	6.819	(0.782)	219915	19.4161	19
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	91282	25.0000	
$ 125	Bromofluorobenzene	95	10.130	10.130	(0.911)	74884	22.4001	22
M 126	1,2-Dichloroethene (total)	100				16273	5.09938	100

QC Flag Legend

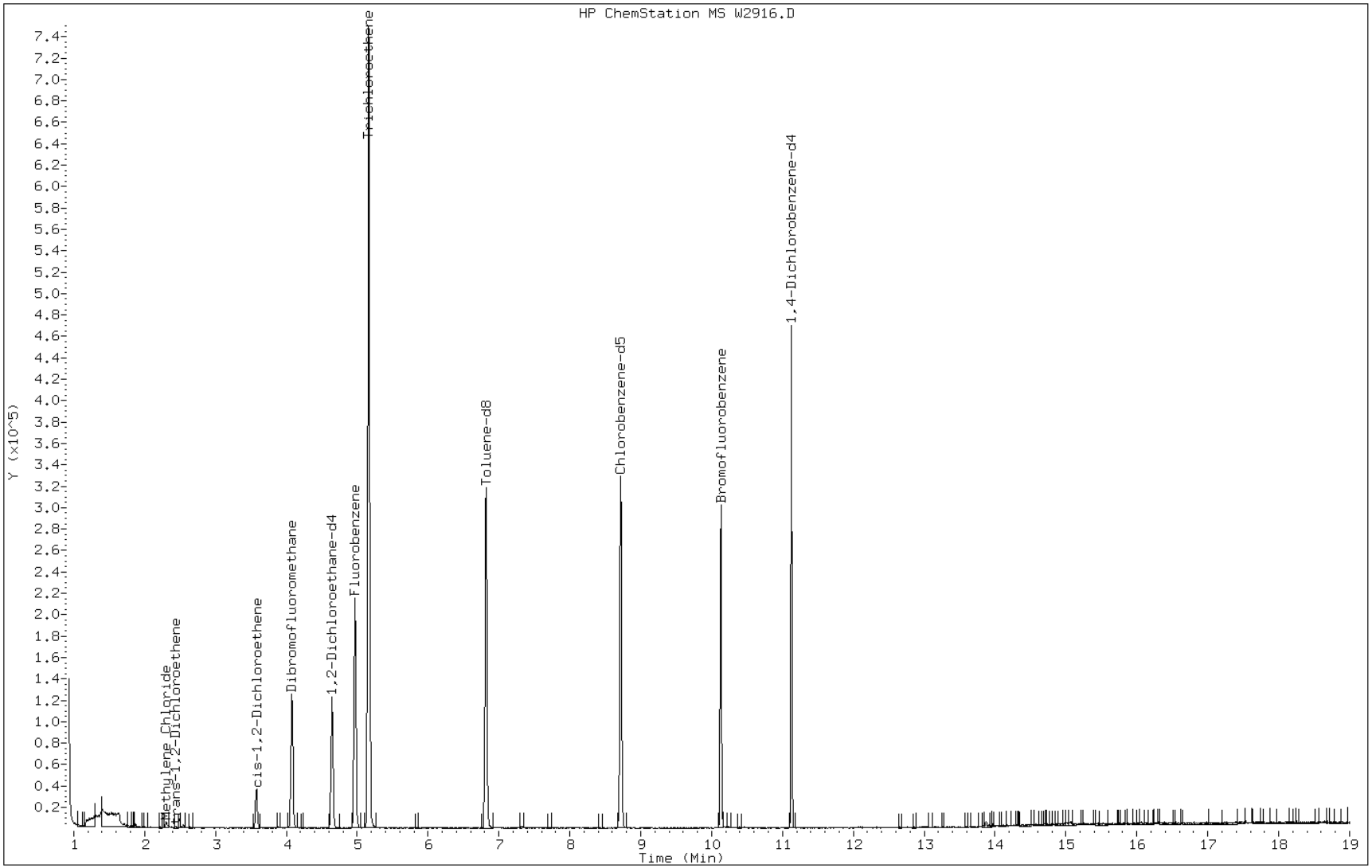
M - Compound response manually integrated.

Data File: W2916.D

Date: 12-FEB-2009 15:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-d-8 Operator: B.KOSTRZEWSKA



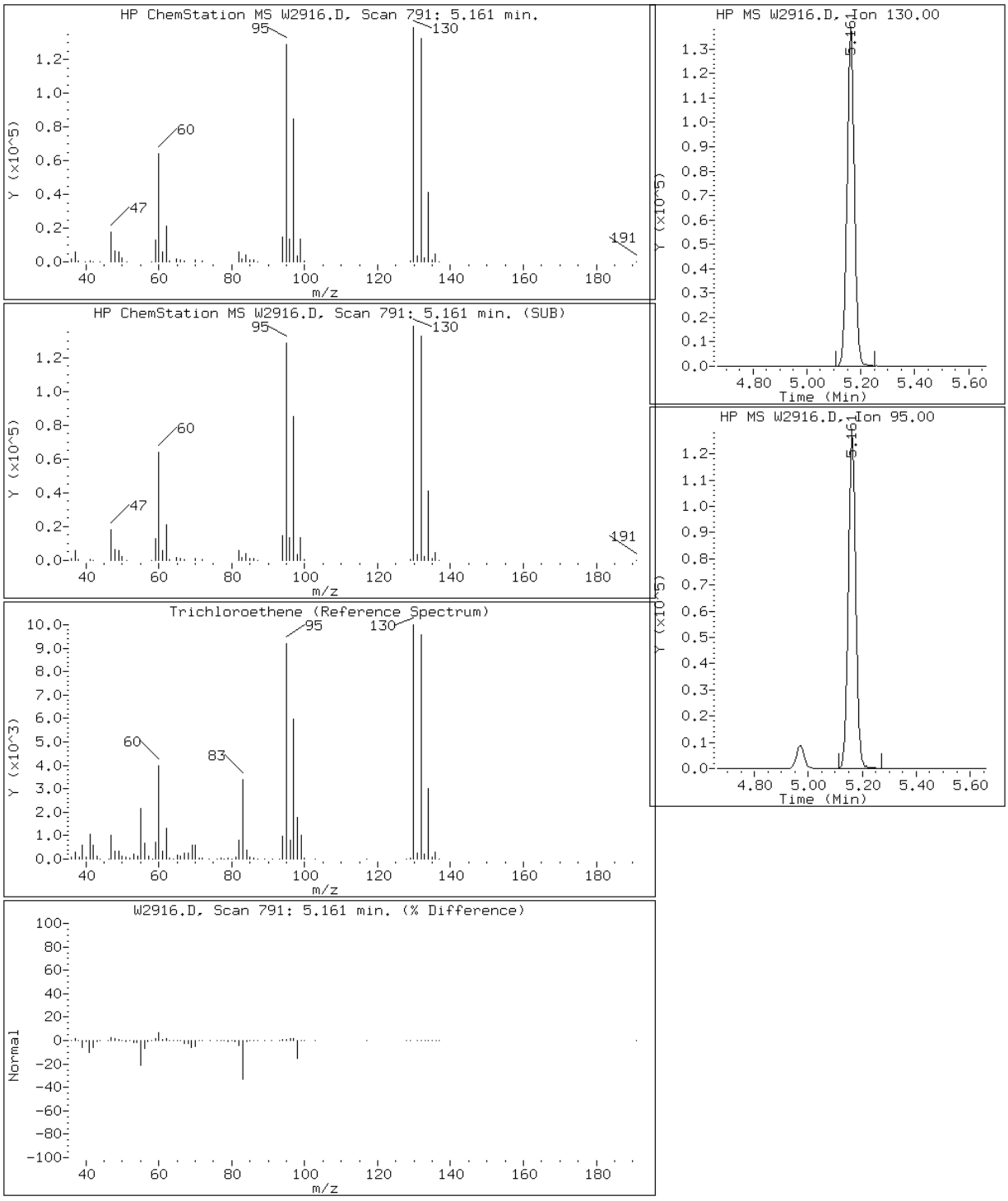
Data File: W2916.D

Date: 12-FEB-2009 15:38

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-7945-d-8 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: DUP-020209 | Lab Sample ID: 220-7945-9

Matrix: Water | Lab File ID: W2914.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/12/2009 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24314 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	15	B	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	4.1	J	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.82	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	25		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	1.8	J	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: DUP-020209 Lab Sample ID: 220-7945-9

Matrix: Water Lab File ID: W2914.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/12/2009 14:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24314 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	53-125	
460-00-4	4-Bromofluorobenzene	91	73-127	
1868-53-7	Dibromofluoromethane	97	54-137	
2037-26-5	Toluene-d8 (Surr)	75	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W2914.D
Lab Smp Id: 220-7945-B-9 Client Smp ID: DUP-020209
Inj Date : 12-FEB-2009 14:39 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-b-9
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W8260LOW.m
Meth Date : 12-Feb-2009 12:50 ctvoa Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.973	(1.000)	208456	25.0000	
	15 Carbon Disulfide	76	1.886	1.892	(0.380)	4042	0.47246	0.5(M)
	20 Methylene Chloride	84	2.309	2.309	(0.465)	433	0.82150	0.8(M)
	21 Acetone	43	2.352	2.352	(0.473)	16204	14.9999	15
	33 cis-1,2-Dichloroethene	96	3.577	3.582	(0.720)	6314	1.84046	2
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	79306	24.2909	24
	45 2-Butanone	43	4.224	4.224	(0.850)	5686	4.12319	4
$	55 1,2-Dichloroethane-d4	65	4.642	4.647	(0.934)	102949	25.9322	26
	60 Trichloroethene	130	5.160	5.166	(1.039)	91215	24.6842	25
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	203692	25.0000	
$	77 Toluene-d8	98	6.819	6.819	(0.782)	231623	18.7764	19
	80 Tetrachloroethene	164	7.322	7.332	(0.840)	761	0.23662	0.2(M)
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	96010	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.130	(0.911)	79890	22.7208	23
M	126 1,2-Dichloroethene (total)	100				6314	1.84046	2

QC Flag Legend

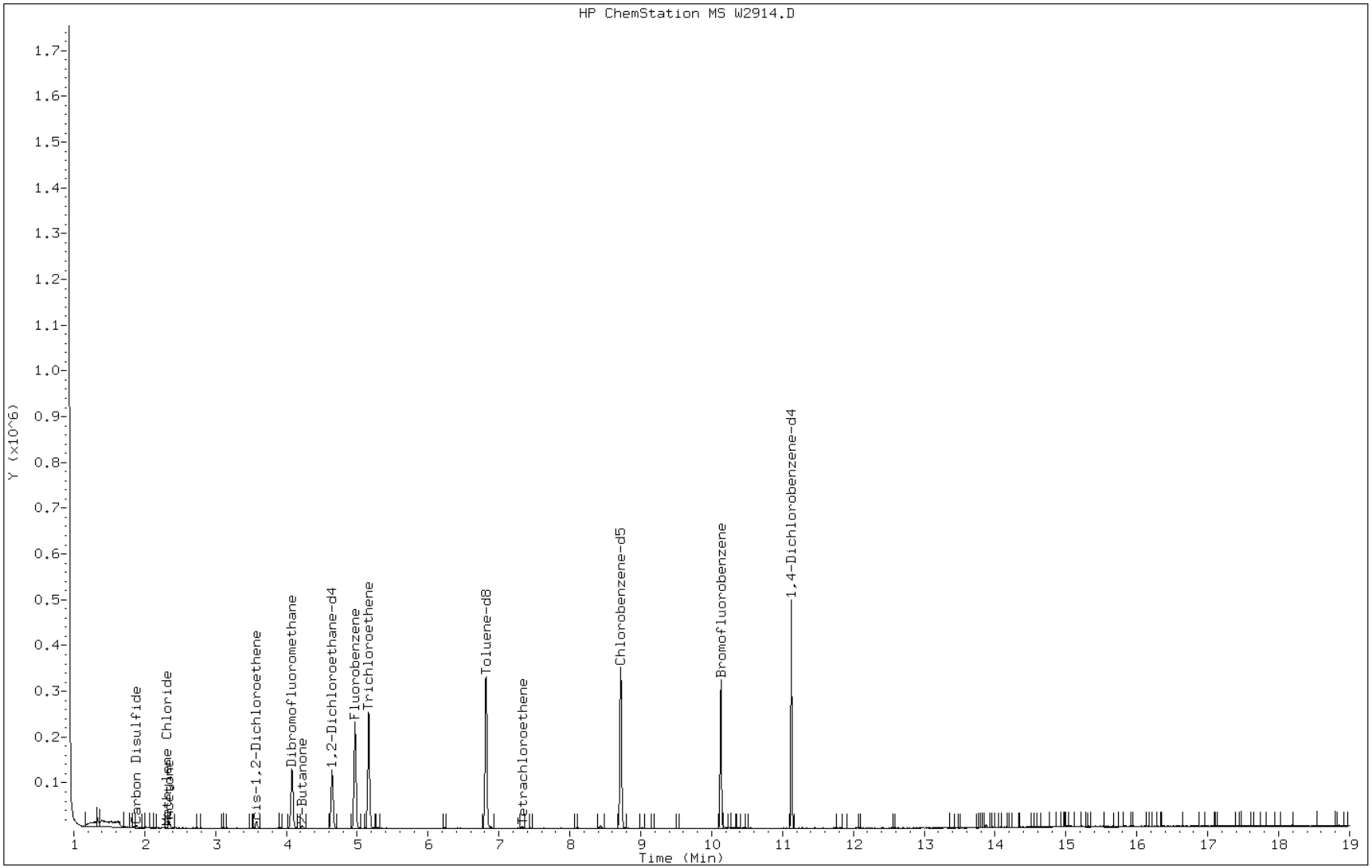
M - Compound response manually integrated.

Data File: W2914.D

Date: 12-FEB-2009 14:39

Client ID: DUP-020209 Instrument: msw.i

Sample Info: 220-7945-b-9 Operator: B.KOSTRZEWSKA



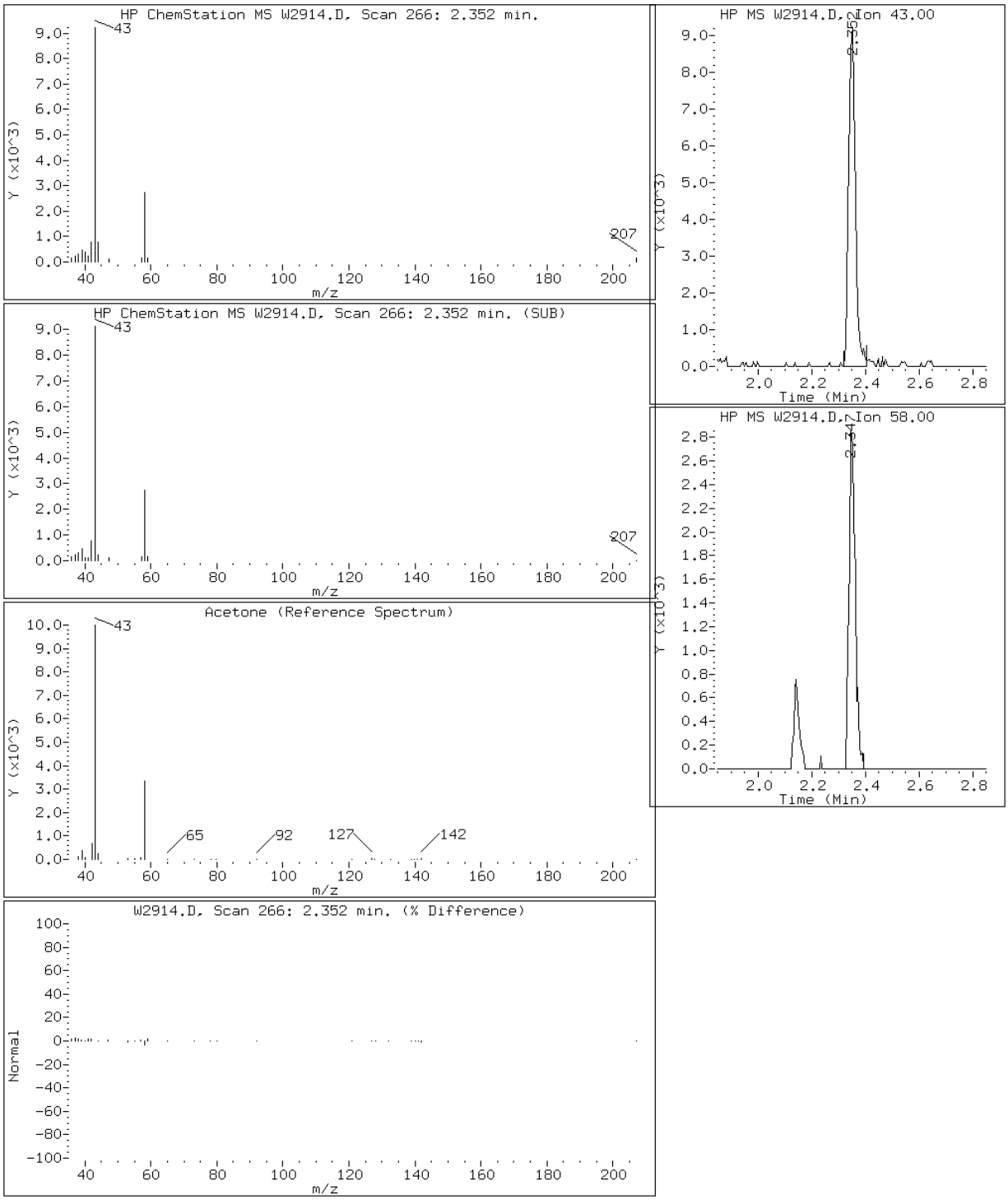
Data File: W2914.D

Date: 12-FEB-2009 14:39

Client ID: DUP-020209 Instrument: msw.i

Sample Info: 220-7945-b-9 Operator: B.KOSTRZEWSKA

21 Acetone



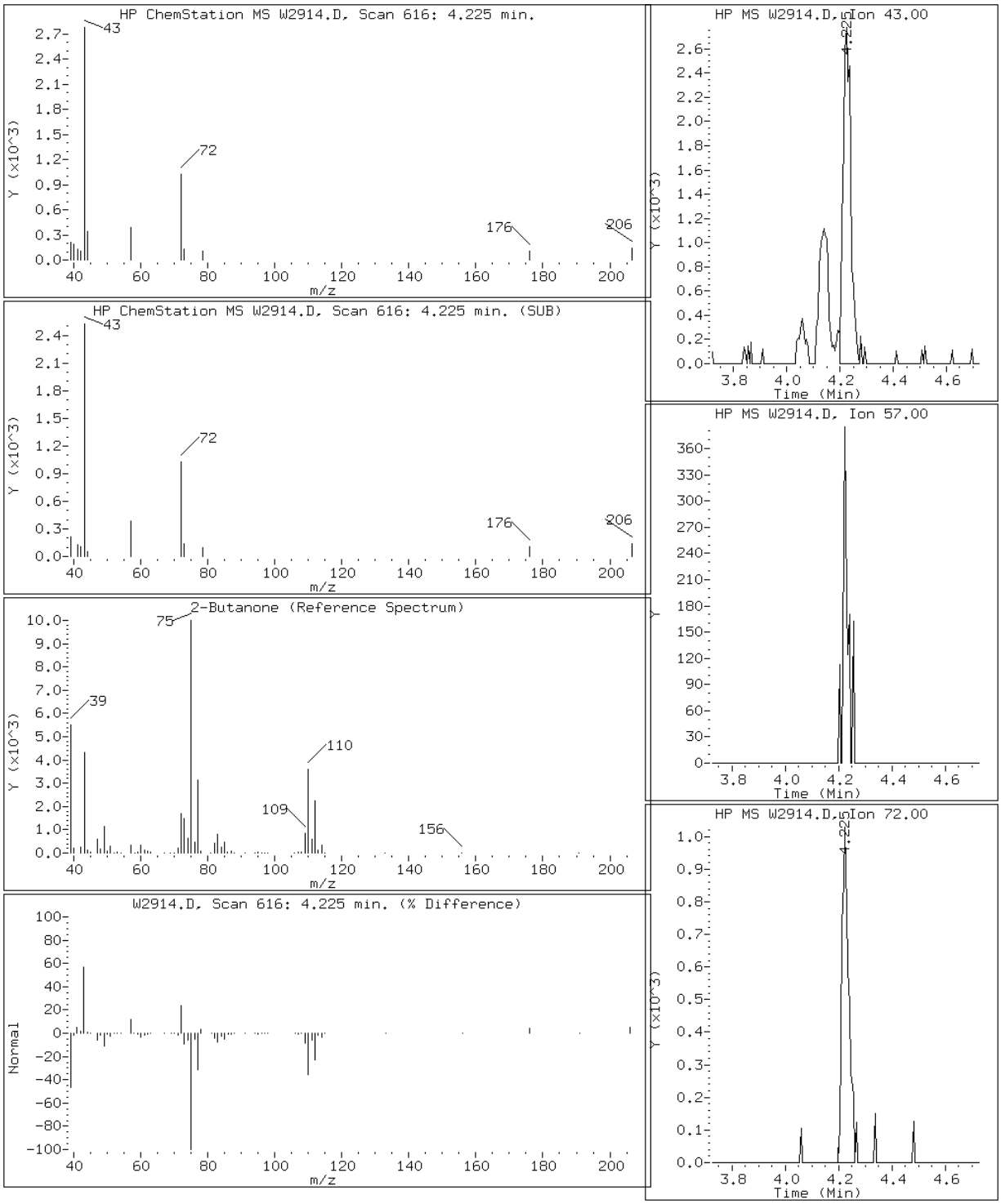
Data File: W2914.D

Date: 12-FEB-2009 14:39

Client ID: DUP-020209 Instrument: msw.i

Sample Info: 220-7945-b-9 Operator: B.KOSTRZEWSKA

45 2-Butanone



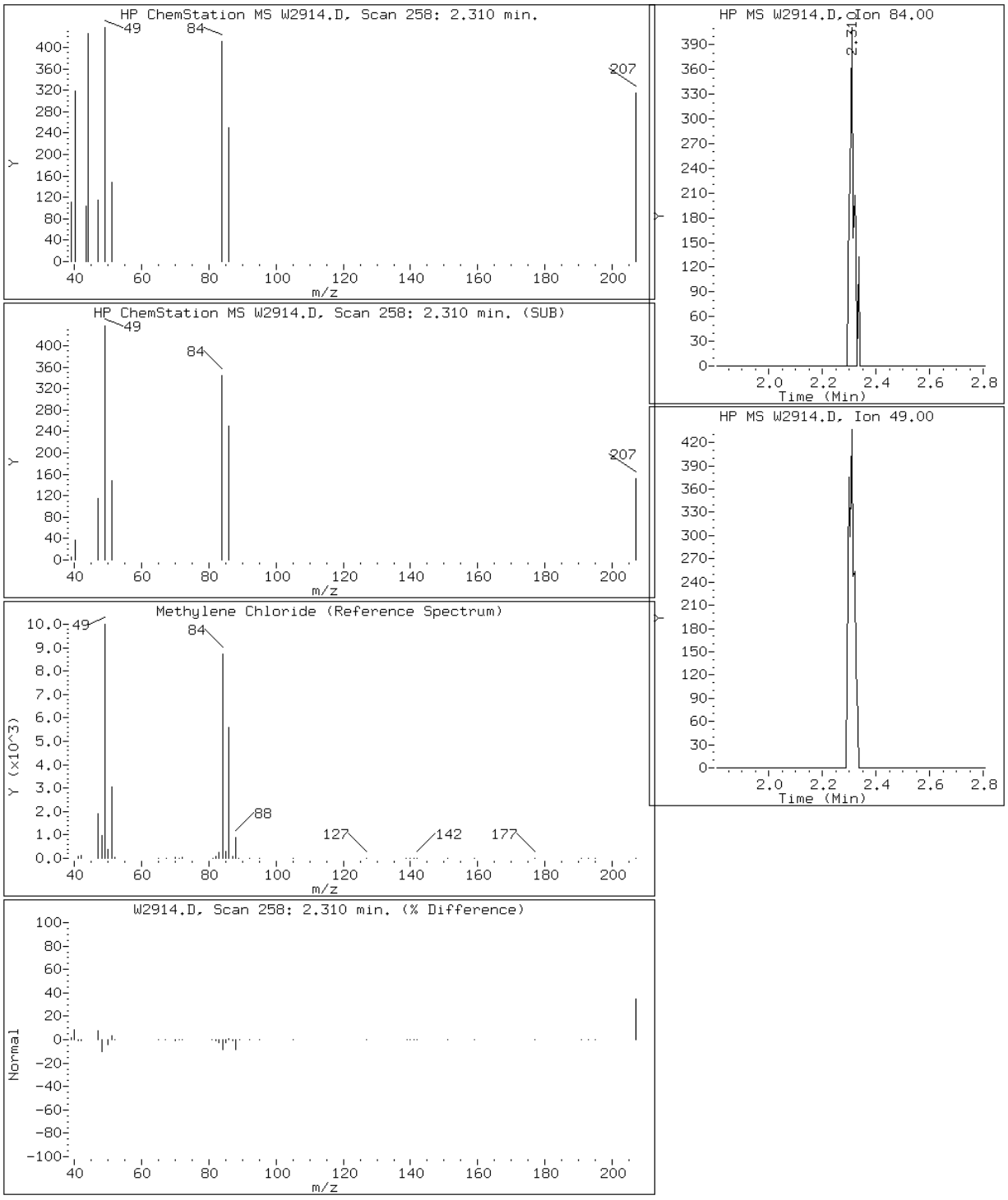
Data File: W2914.D

Date: 12-FEB-2009 14:39

Client ID: DUP-020209 Instrument: msw.i

Sample Info: 220-7945-b-9 Operator: B.KOSTRZEWSKA

20 Methylene Chloride



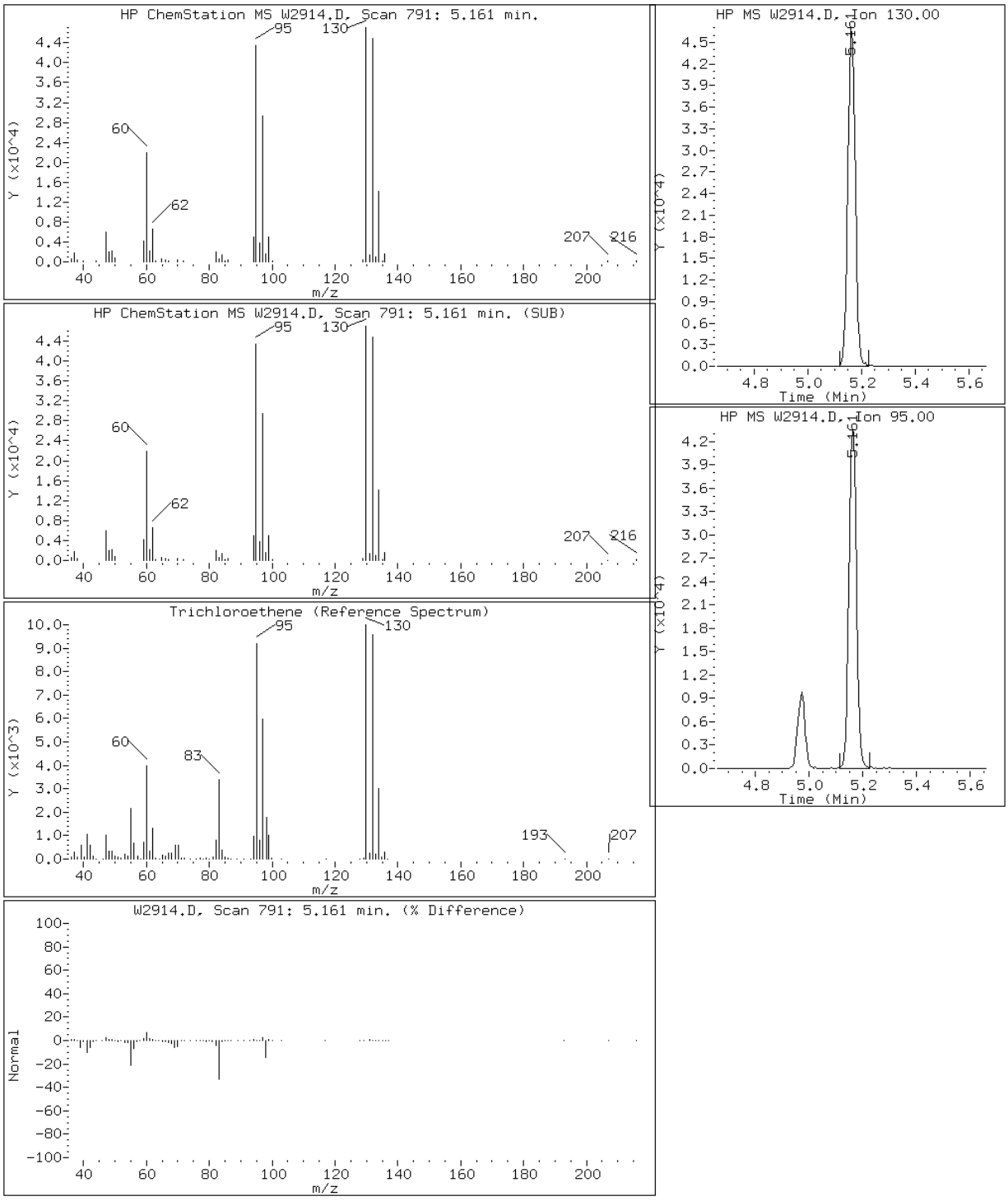
Data File: W2914.D

Date: 12-FEB-2009 14:39

Client ID: DUP-020209 Instrument: msw.i

Sample Info: 220-7945-b-9 Operator: B.KOSTRZEWSKA

60 Trichloroethene



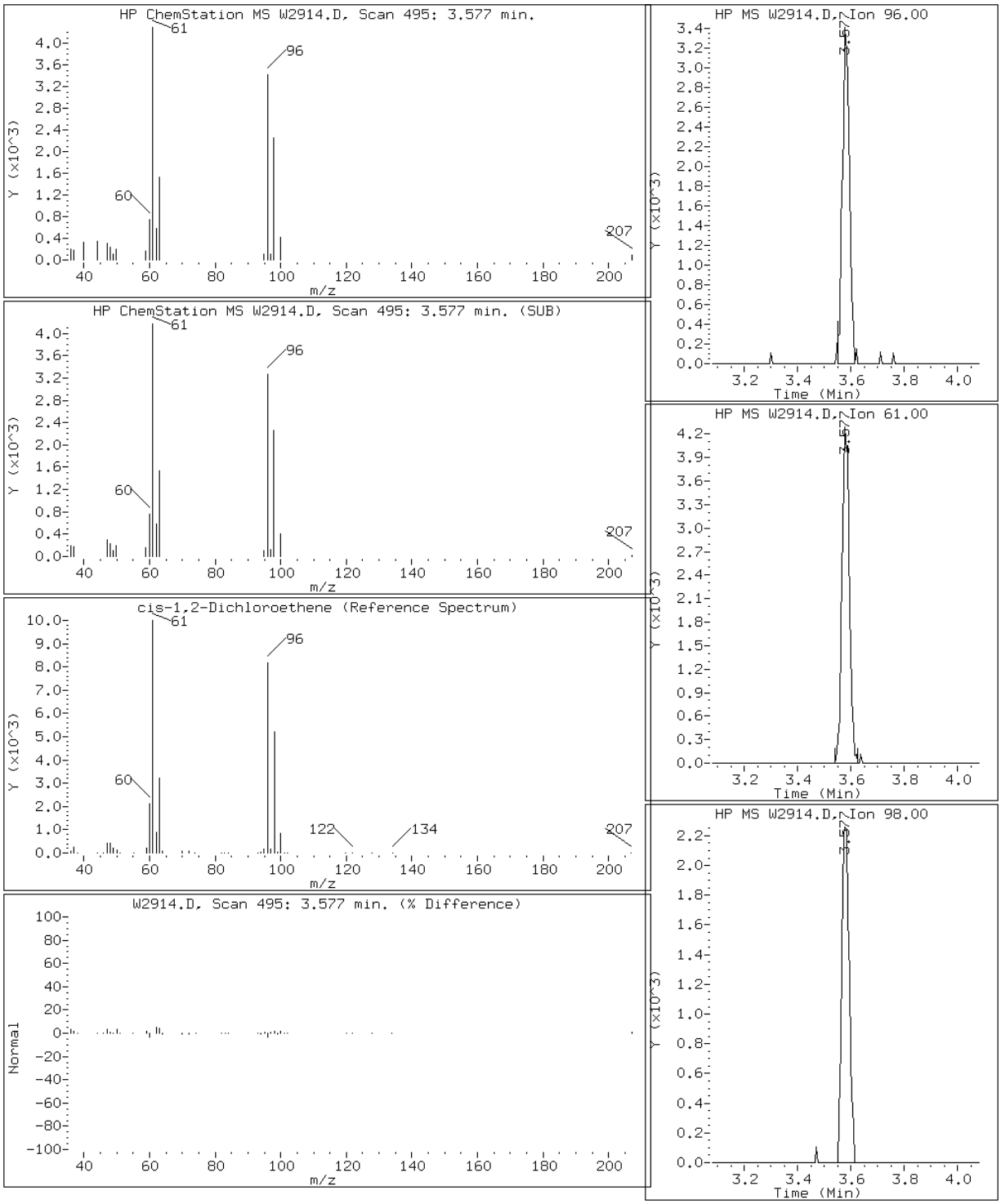
Data File: W2914.D

Date: 12-FEB-2009 14:39

Client ID: DUP-020209 Instrument: msw.i

Sample Info: 220-7945-b-9 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



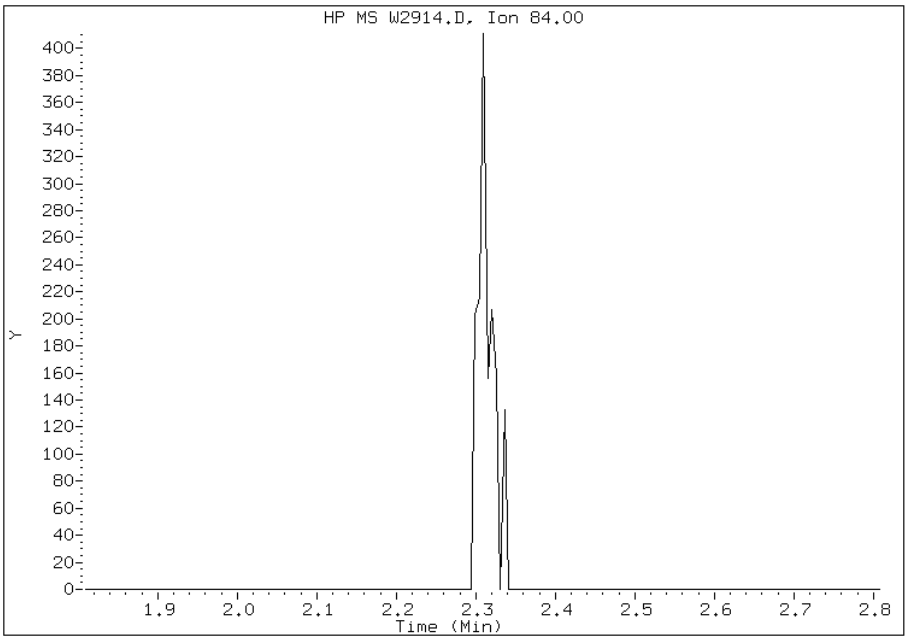
Manual Integration Report

Data File: W2914.D
Inj. Date and Time: 12-FEB-2009 14:39
Instrument ID: msw.i
Client ID: DUP-020209
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/13/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



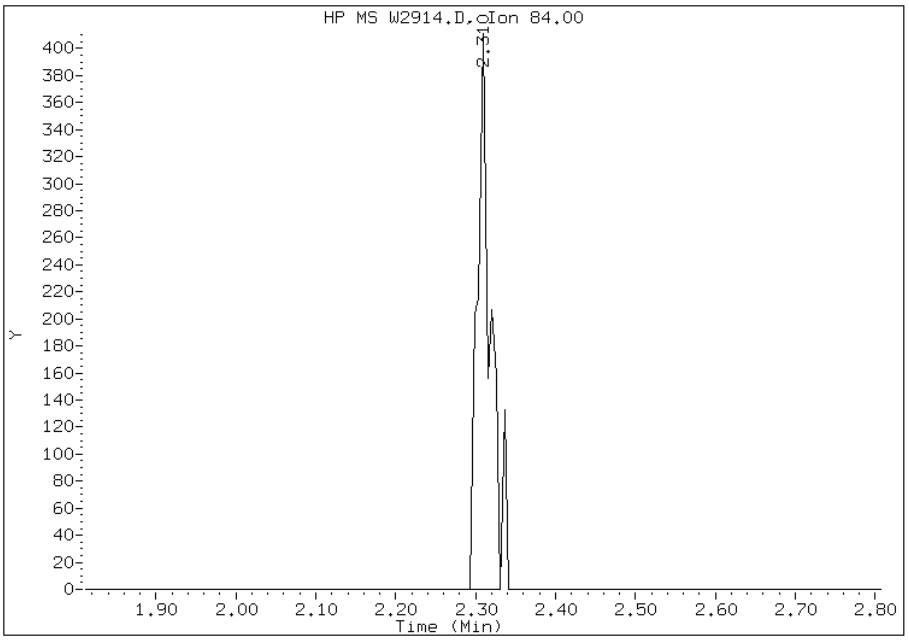
Manual Integration Results

RT: 2.31

Response: 433

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: FB-020209 | Lab Sample ID: 220-7945-10

Matrix: Water | Lab File ID: W2915.D

Analysis Method: 8260B | Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 02/12/2009 15:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24314 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.9	J B	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.83	J B	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: FB-020209 Lab Sample ID: 220-7945-10

Matrix: Water Lab File ID: W2915.D

Analysis Method: 8260B Date Received: 02/03/2009 09:45

Sample wt/vol: 5(mL) Date Analyzed: 02/12/2009 15:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24314 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105	53-125	
460-00-4	4-Bromofluorobenzene	86	73-127	
1868-53-7	Dibromofluoromethane	98	54-137	
2037-26-5	Toluene-d8 (Surr)	75	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W2915.D
Lab Smp Id: 220-7945-B-10 Client Smp ID: FB-020209
Inj Date : 12-FEB-2009 15:08 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-7945-b-10
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W8260LOW.m
Meth Date : 12-Feb-2009 12:50 ctvoa Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.973	(1.000)	208875	25.0000	
	20 Methylene Chloride	84	2.304	2.309	(0.464)	449	0.82621	0.8(M)
	21 Acetone	43	2.352	2.352	(0.473)	1468	1.87160	2(M)
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	80402	24.5772	24
$	55 1,2-Dichloroethane-d4	65	4.647	4.647	(0.935)	104403	26.2457	26
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	201460	25.0000	
$	77 Toluene-d8	98	6.819	6.819	(0.782)	227587	18.6536	19
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	98224	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.130	(0.911)	77681	21.5946	22

QC Flag Legend

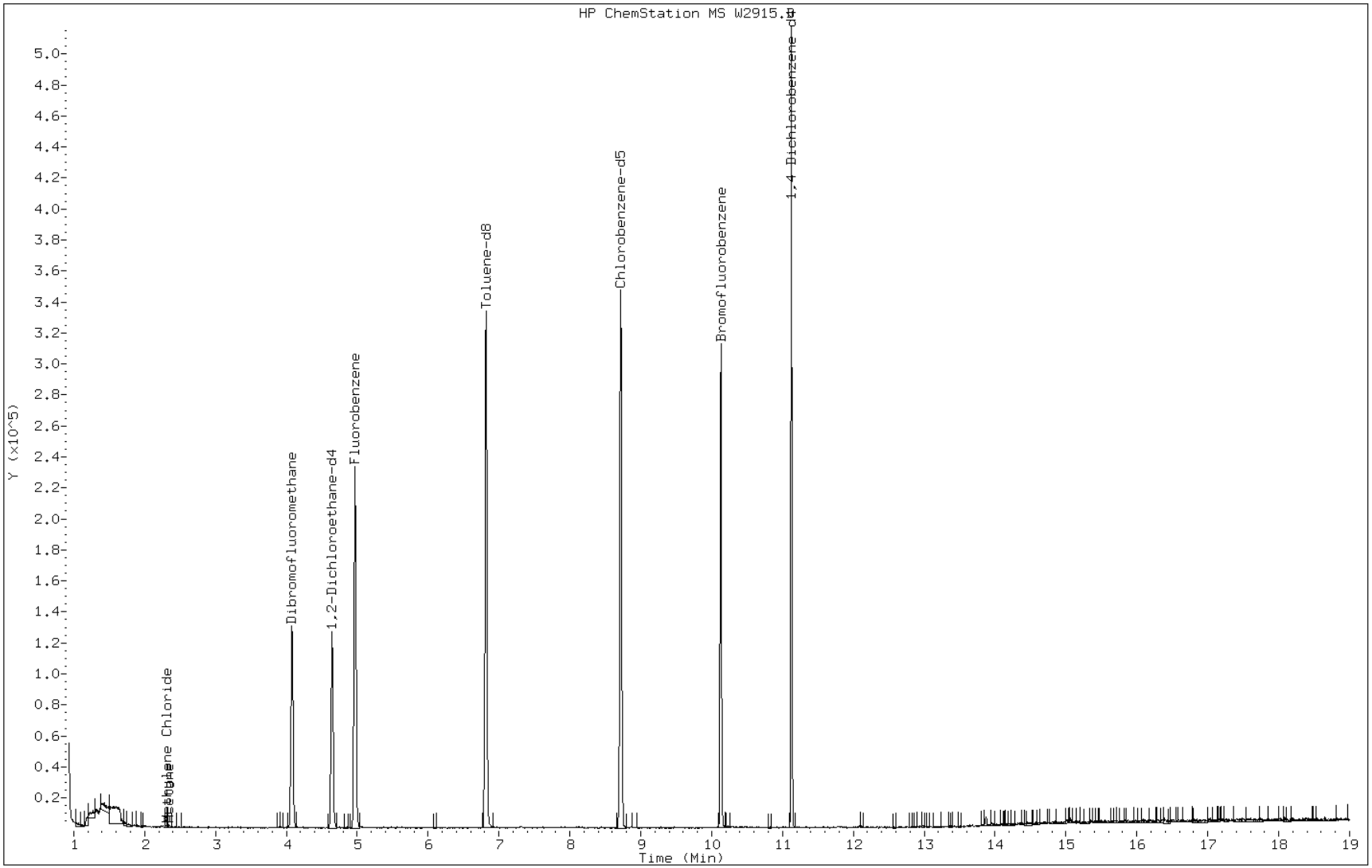
M - Compound response manually integrated.

Data File: W2915.D

Date: 12-FEB-2009 15:08

Client ID: FB-020209 Instrument: msw.i

Sample Info: 220-7945-b-10 Operator: B.KOSTRZEWSKA



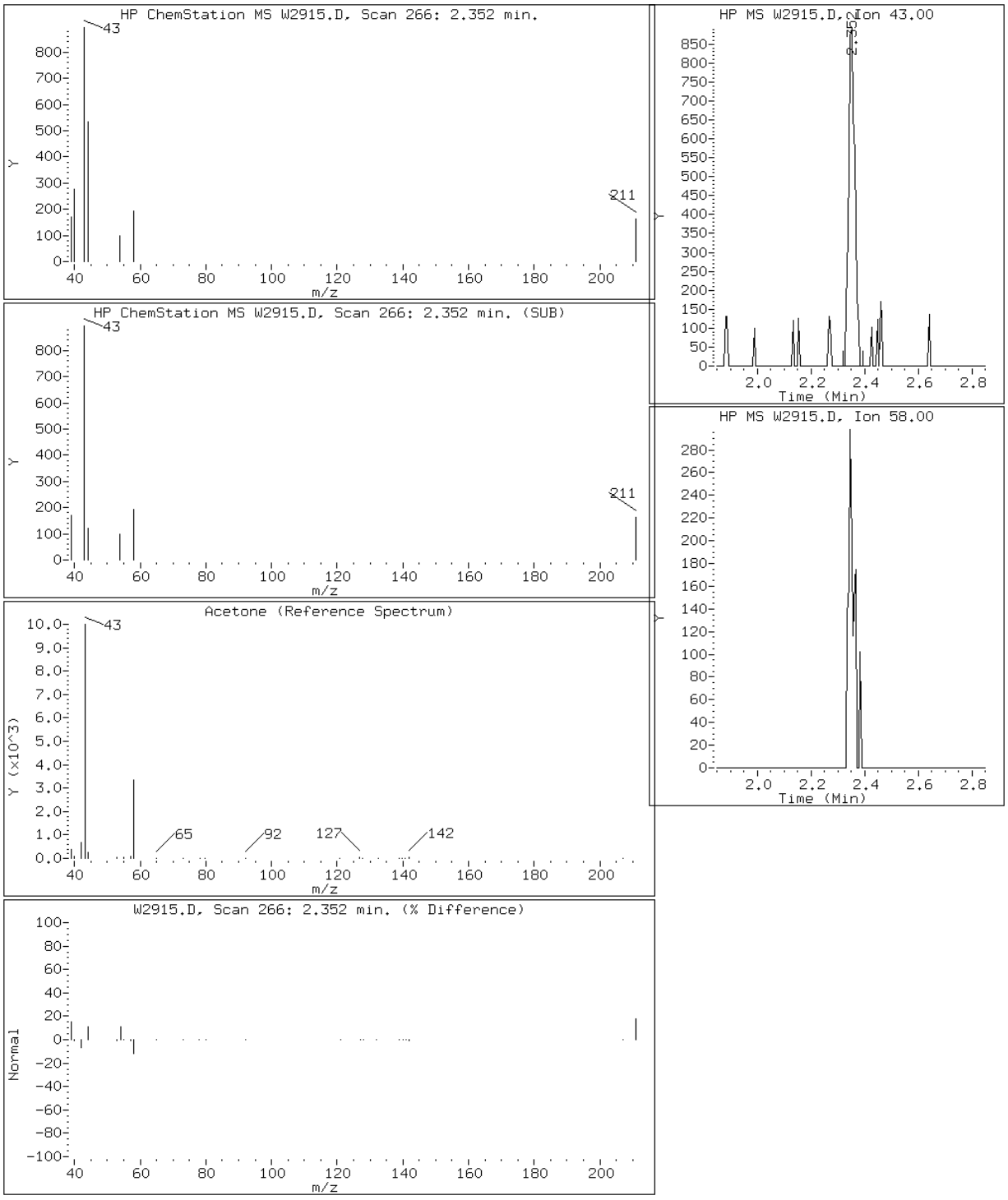
Data File: W2915.D

Date: 12-FEB-2009 15:08

Client ID: FB-020209 Instrument: msw.i

Sample Info: 220-7945-b-10 Operator: B.KOSTRZEWSKA

21 Acetone



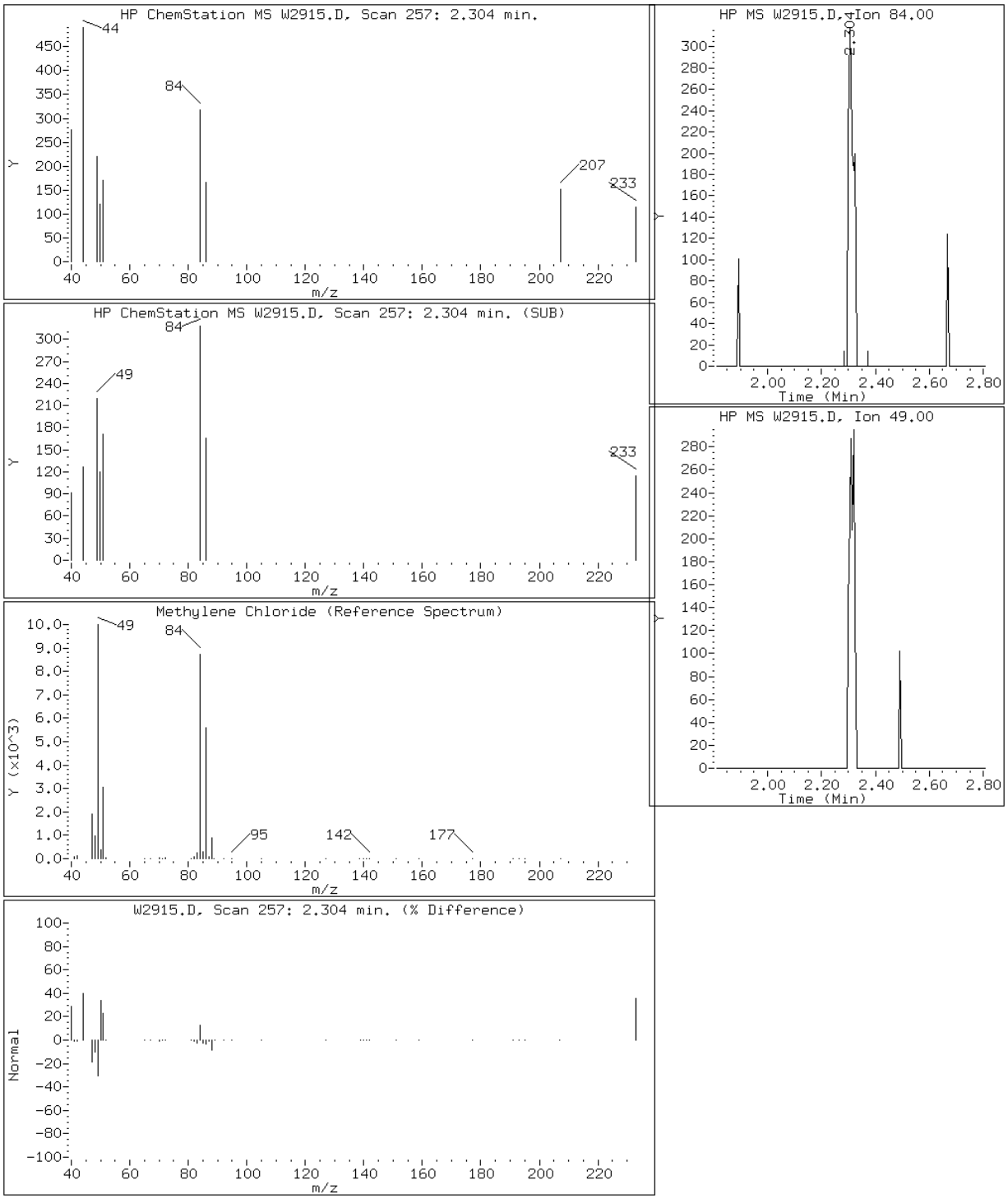
Data File: W2915.D

Date: 12-FEB-2009 15:08

Client ID: FB-020209 Instrument: msw.i

Sample Info: 220-7945-b-10 Operator: B.KOSTRZEWSKA

20 Methylene Chloride



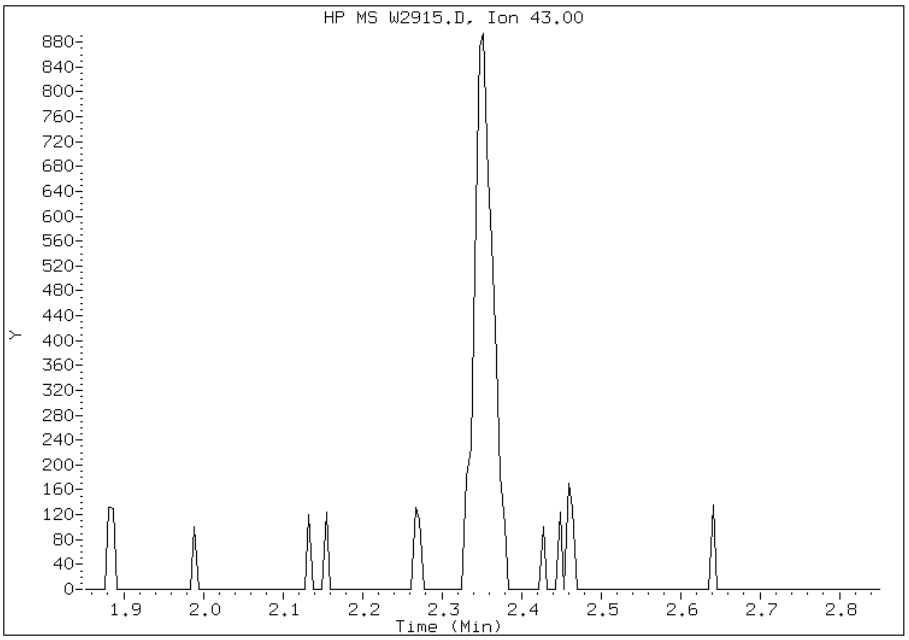
Manual Integration Report

Data File: W2915.D
Inj. Date and Time: 12-FEB-2009 15:08
Instrument ID: msw.i
Client ID: FB-020209
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/13/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



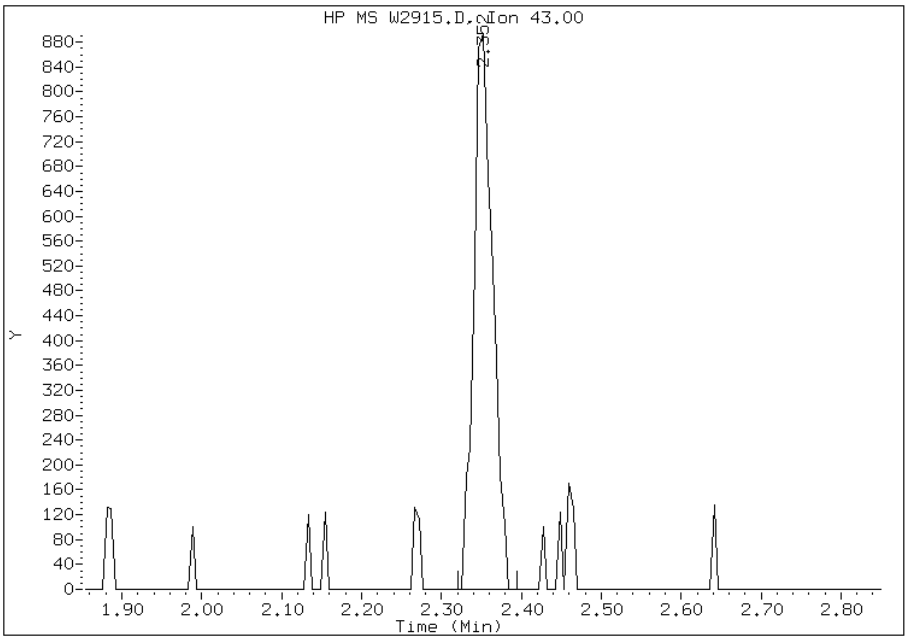
Manual Integration Results

RT: 2.35

Response: 1468

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

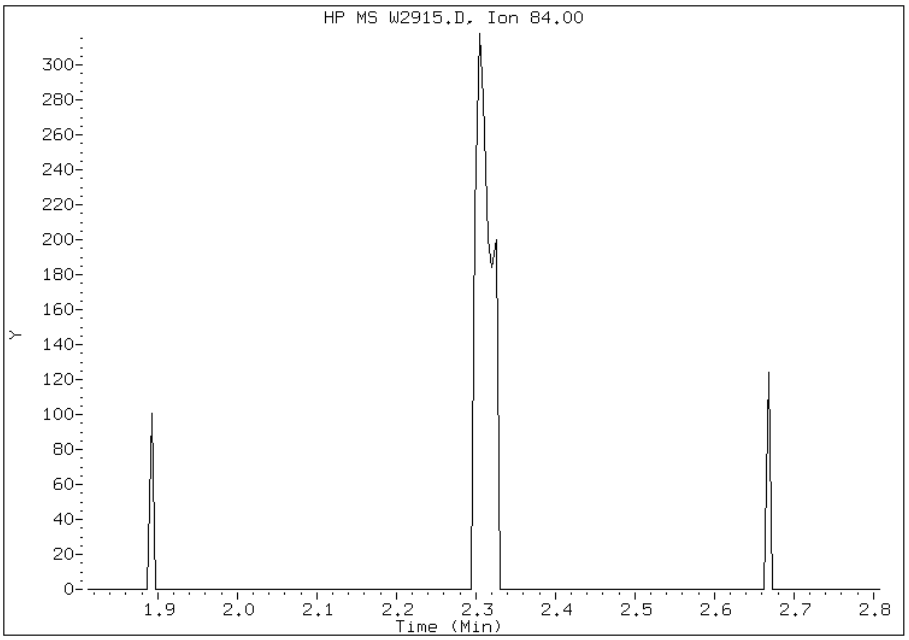
Manual Integration Report

Data File: W2915.D
Inj. Date and Time: 12-FEB-2009 15:08
Instrument ID: msw.i
Client ID: FB-020209
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/13/2009

Processing Integration Results

Not Detected

Expected RT: 2.31



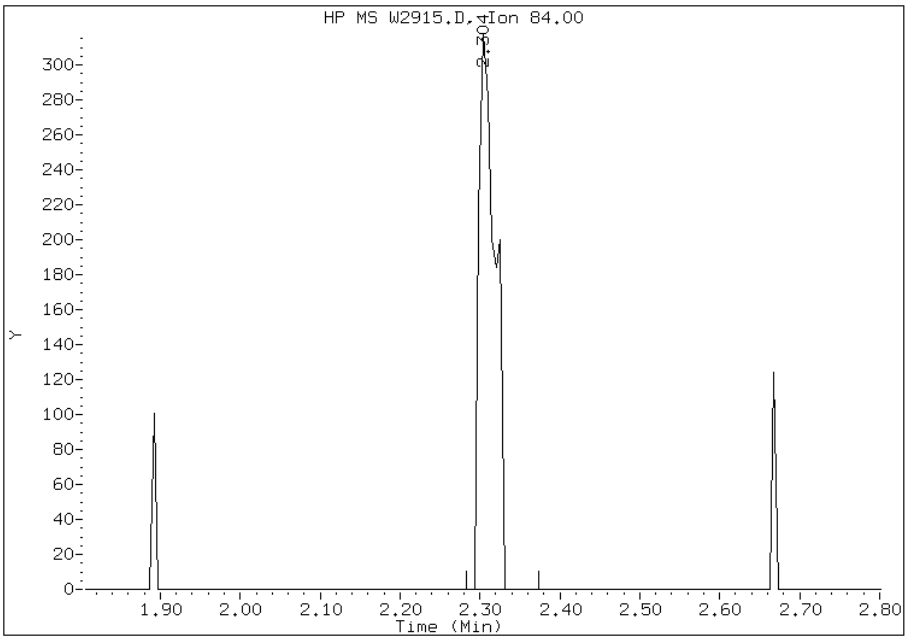
Manual Integration Results

RT: 2.30

Response: 449

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-24168/1	W2739.D
Level 2	IC 220-24168/2	W2740.D
Level 3	IC 220-24168/3	W2741.D
Level 4	IC 220-24168/4	W2742.D
Level 5	IC 220-24168/5	W2743.D
Level 6	IC 220-24168/6	W2744.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachloroethane	0 0	0	0	0	0	Ave								15.0			
Pentachloroethane	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.2710 0.3998	0.3189	0.3686	0.4330	0.3521	Lin	0.0231	0.3956							0.9957		
Chloromethane	0.3205 0.3978	0.3455	0.3433	0.4110	0.3419	Ave		0.3600			0.1000	9.9		15.0			
Vinyl chloride	0.3368 0.4257	0.4217	0.3703	0.4388	0.3647	Ave		0.3930				10.5		30.0			
Bromomethane	0.1465 0.2002	0.2023	0.1694	0.1881	0.1670	Ave		0.1789				12.2		15.0			
Chloroethane	0.2599 0.1752	0.2365	0.2214	0.2574	0.1863	Lin	-0.102	0.1747							0.9917		
Trichlorofluoromethane	0.6940 0.7607	0.8903	0.7799	0.8849	0.7051	Ave		0.7858				10.9		15.0			
Dichlorofluoromethane	0.6920 0.6828	0.8627	0.6084	0.7569	0.6125	Ave		0.7026				13.7		15.0			
Ethyl ether	0.2211 0.2120	0.2383	0.1815	0.2221	0.1841	Ave		0.2098				10.8		15.0			
Ethanol	0.0137 0.0140	0.0161	0.0135	0.0163	0.0132	Ave		0.0145				9.4		15.0			
1,1-Dichloro-1-fluoroethane	0.7622 0.6861	0.8337	0.6010	0.7569	0.6167	Ave		0.7094				12.8		15.0			
1,1-Dichloroethene	0.3237 0.3309	0.3574	0.2667	0.3398	0.2858	Ave		0.3174				10.8		30.0			
Carbon disulfide	1.0027 1.0638	1.1706	0.8821	1.1225	0.9145	Ave		1.0260				11.1		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3649 0.3844	0.4329	0.3366	0.4068	0.3314	Ave		0.3762				10.6		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.1017 0.0904	0.1118	0.0813	0.0983	0.0785	Ave		0.0937				13.6		15.0			
Iodomethane	0.1105 0.4028	0.1109	0.1038	0.2759	0.3372	Lin	0.1454	0.4076							0.9929		
Acrolein	0.0286 0.0485	0.0337	0.0239	0.0362	0.0363	Qua	0.0313	30.969	-10.68						0.9995		
3-Chloro-1-propene	0.4596 0.5027	0.4474	0.3403	0.4819	0.4212	Ave		0.4422				12.9		15.0			
Isopropyl alcohol	0.0480 0.0428	0.0468	0.0348	0.0373	0.0359	Lin	0.0648	0.0424							0.9934		
Methylene Chloride	0.3887	0.5016	0.3461	0.4125	0.3361	Lin	0.0275	0.3841							0.9939		
Acetone	0.1368	0.2193	0.1315	0.1410	0.1172	Lin	0.0227	0.1346							0.9932		
trans-1,2-Dichloroethene	0.3998 0.3933	0.4342	0.3171	0.4104	0.3385	Ave		0.3822				11.7		15.0			
Methyl acetate	1.4745 1.5508	1.6738	1.2547	1.5903	1.3283	Ave		1.4787				10.8		15.0			
Methyl tert-butyl ether	0.9345 1.2889	1.1786	0.8725	1.2573	1.0856	Lin	0.0597	1.2786							0.9939		
2-Methyl-2-propanol	0.0735 0.0436	0.0517	0.0345	0.0399	0.0353	Lin	0.3088	0.0430							0.9907		
Acetonitrile	0.0563 0.0500	0.0549	0.0415	0.0503	0.0422	Ave		0.0492				12.6		15.0			
Isopropyl ether	0.7287 1.1266	0.8926	0.7106	1.0537	0.9527	Lin	0.0704	1.1206							0.9944		
2-Chloro-1,3-butadiene	0.1935 0.3260	0.2742	0.2122	0.3117	0.2768	Lin	0.0644	0.3240							0.9946		
1,1-Dichloroethane	0.6532 0.6947	0.7688	0.5786	0.7322	0.6061	Ave		0.6723			0.1000	10.9		15.0			
Acrylonitrile	0.1299 0.1551	0.1639	0.1206	0.1607	0.1338	Ave		0.1440				12.6		15.0			
Tert-butyl ethyl ether	0.7175 1.2328	0.9073	0.7380	1.1636	1.0375	Lin	0.0734	1.2270							0.9941		
Vinyl acetate	0.3629 0.6416	0.3711	0.2771	0.4980	0.4969	Qua	0.0199	2.2210	-0.261						0.9993		
cis-1,2-Dichloroethene	0.4244 0.4415	0.4484	0.3363	0.4428	0.3752	Ave		0.4114				11.1		15.0			
2,2-Dichloropropane	0.5194 0.5866	0.5959	0.4391	0.5886	0.5035	Ave		0.5388				11.6		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Bromopropane	0.4628 0.5304	0.5187	0.3824	0.5291	0.4563	Ave		0.4799				12.1		15.0			
Chlorobromomethane	0.2201 0.2160	0.2608	0.1901	0.2437	0.1977	Ave		0.2214				12.2		15.0			
Cyclohexane	0.3856 0.5518	0.4484	0.3899	0.5455	0.4724	Lin	0.0546	0.5478							0.9949		
Chloroform	0.7385 0.7264	0.8441	0.6059	0.7570	0.6345	Ave		0.7177				12.1		30.0			
Carbon tetrachloride	0.5550 0.5953	0.6559	0.4828	0.6224	0.5182	Ave		0.5716				11.4		15.0			
tert-Butyl Formate	0.0181 0.0705	0	0.0515	0.0798	0.0673	Lin	0.0092	0.0704							0.9980		
Tetrahydrofuran	0.1088 0.1330	0.1075	0.0923	0.1237	0.1103	Ave		0.1126				12.5		15.0			
Methyl acrylate	0.2433 0.3781	0.2882	0.2316	0.3393	0.3118	Lin	0.0839	0.3762							0.9928		
Ethyl acetate	0.0380 0.0474	0.0408	0.0306	0.0441	0.0390	Ave		0.0400				14.4		15.0			
1,1,1-Trichloroethane	0.6187 0.6776	0.7405	0.5492	0.7115	0.5892	Ave		0.6478				11.5		15.0			
2-Butanone (MEK)	 0.1769	0.1974	0.1353	0.1706	0.1468	Ave		0.1654				14.9		15.0			
1,1-Dichloropropene	0.4161 0.5700	0.5055	0.3871	0.5562	0.4859	Lin	0.0574	0.5659							0.9947		
1-Chlorobutane	0.6136 0.7931	0.7063	0.5515	0.7885	0.6748	Ave		0.6880				13.9		15.0			
Benzene	1.4303 1.5934	1.5986	1.2342	1.6364	1.3729	Ave		1.4777				10.7		15.0			
n-Heptane	0.2122 0.2842	0.2289	0.1750	0.2711	0.2403	Lin	0.0675	0.2826							0.9943		
Propionitrile	0.0552 0.0597	0.0640	0.0484	0.0620	0.0514	Ave		0.0568				10.8		15.0			
Methacrylonitrile	0.2404 0.2543	0.2093	0.1883	0.2560	0.2072	Ave		0.2259				12.5		15.0			
Isobutyl alcohol	0.0079 0.0055	0.0072	0.0057	0.0064	0.0050	Lin	-0.178	0.0054							0.9962		
Tert-amyl methyl ether	0.5892 1.1777	0.8471	0.6944	1.0773	0.9760	Lin	0.0827	1.1725							0.9932		
1,2-Dichloroethane	0.5979 0.5898	0.6686	0.4820	0.6269	0.5173	Ave		0.5804				11.9		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylcyclohexane	0.3886 0.5482	0.4534	0.3512	0.5170	0.4644	Lin	0.0672	0.5450							0.9945		
Isopropyl acetate	0.0110 0.0124	0.0142	0.0084	0.0112	0.0111	Lin	0.1039	0.0123							0.9971		
Trichloroethene	0.4259 0.4758	0.4941	0.3640	0.4862	0.4131	Ave		0.4432				11.5		15.0			
Dibromomethane	0.2690 0.2686	0.3010	0.2196	0.2787	0.2297	Ave		0.2611				11.8		15.0			
n-Butanol	0.0044 0.0088	0.0060	0.0045	0.0060	0.0062	Qua	0.0438	183.77	-200.1						0.9998		
1,2-Dichloropropane	0.3147 0.3934	0.3942	0.2829	0.3900	0.3333	Ave		0.3514				13.6		30.0			
Dichlorobromomethane	0.5012 0.5565	0.5605	0.4258	0.5710	0.4795	Ave		0.5158				11.1		15.0			
1,4-Dioxane	0.0012 0.0031	0.0026	0.0019	0.0026	0.0025	Lin	0.9906	0.0031							0.9908		
Methyl methacrylate	0.1621 0.3773	0.2392	0.1501	0.3092	0.3091	Lin	0.1127	0.3778							0.9924		
n-Propyl acetate	0.0348 0.0621	0.0384	0.0303	0.0501	0.0505	Lin	0.2240	0.0621							0.9918		
2-Chloroethyl vinyl ether	0.1156 0.1989	0.1071	0.0872	0.1601	0.1597	Lin	0.1187	0.1990							0.9910		
cis-1,3-Dichloropropene	0.4407 0.6838	0.5002	0.3939	0.6523	0.5806	Lin	0.0707	0.6810							0.9946		
Toluene	1.7955 2.0396	1.8288	1.4666	2.1290	1.7780	Ave		1.8396				12.6		30.0			
Chloroacetonitrile	0.0083 0.0137	0.0113	0.0091	0.0127	0.0116	Lin	0.7088	0.0137							0.9942		
2-Nitropropane	0.0794 0.1238	0.1043	0.0746	0.1120	0.1012	Lin	0.1671	0.1231							0.9921		
1,1-Dichloroacetone	0.1369 0.2348	0.1652	0.1416	0.2198	0.1957	Lin	0.3864	0.2337							0.9935		
Tetrachloroethene	0.4009 0.4170	0.4286	0.3281	0.4337	0.3600	Ave		0.3947				10.7		15.0			
4-Methyl-2-pentanone (MIBK)	0.2165 0.4085	0.2677	0.2179	0.3467	0.3328	Lin	0.1013	0.4076							0.9921		
trans-1,3-Dichloropropene	0.3494 0.6697	0.4710	0.4001	0.6453	0.5713	Lin	0.0682	0.6669							0.9949		
1,1,2-Trichloroethane	0.2986 0.3828	0.3770	0.2828	0.3873	0.3276	Ave		0.3427				13.4		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.1884 0.4878	0.1891	0.1429	0.2993	0.3529	Qua	0.0519	3.2006	-0.604						0.9995		
Chlorodibromomethane	0.4298 0.5546	0.5163	0.3932	0.5596	0.4770	Ave		0.4884				13.8		15.0			
1,3-Dichloropropane	0.5762 0.7846	0.7129	0.5595	0.8008	0.6727	Ave		0.6844				14.9		15.0			
Ethylene Dibromide	0.3450 0.4718	0.4232	0.3270	0.4766	0.4026	Lin	0.0508	0.4679							0.9945		
n-Butyl acetate	0.1194 0.2690	0.1414	0.1127	0.2080	0.2111	Qua	0.0269	5.2061	-1.404						0.9994		
2-Hexanone	0.1571 0.2956	0.1708	0.1402	0.2409	0.2396	Lin	0.1126	0.2957							0.9917		
Chlorobenzene	1.2004 1.3607	1.4130	1.0581	1.4128	1.1768	Ave		1.2703			0.3000	11.5		15.0			
1-Chlorohexane	0.2626 0.5046	0.3011	0.2496	0.5247	0.4464	Lin	0.0562	0.5042							0.9962		
Ethylbenzene	0.4763 0.7198	0.6189	0.5069	0.7547	0.6261	Lin	0.0412	0.7144							0.9953		
1,1,1,2-Tetrachloroethane	0.4126 0.5094	0.5079	0.3942	0.5313	0.4461	Ave		0.4669				12.2		15.0			
m-Xylene & p-Xylene	0.5356 0.8703	0.6828	0.5883	0.8991	0.7573	Lin	0.0937	0.8650							0.9955		
o-Xylene	0.4858 0.8314	0.5937	0.4733	0.7878	0.7087	Lin	0.0718	0.8285							0.9949		
Bromoform	0.2402 0.3893	0.3145	0.2433	0.3696	0.3272	Lin	0.0697	0.3870							0.9940		
Styrene	0.5993 1.3941	0.8182	0.7349	1.3366	1.1915	Lin	0.0751	1.3916							0.9951		
Isopropylbenzene	1.8981 3.2631	2.2887	1.9419	3.1721	2.8519	Lin	0.0613	3.2536							0.9962		
Bromobenzene	0.8993 0.9950	0.9779	0.7382	1.0316	0.8754	Ave		0.9196				11.6		15.0			
N-Propylbenzene	2.1552 3.7116	2.5509	2.1894	3.6975	3.2663	Lin	0.0567	3.7015							0.9965		
1,1,2,2-Tetrachloroethane	0.8943 0.9054	0.9643	0.6896	0.9278	0.7866	Ave		0.8613			0.3000	12.0		15.0			
2-Chlorotoluene	1.8099 2.7970	2.3509	2.0273	2.9426	2.4779	Lin	0.0360	2.7786							0.9963		
4-Ethyltoluene	1.8277 3.4049	2.3012	2.1099	3.4834	2.9903	Lin	0.0519	3.3925							0.9962		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.3277 0.3266	0.3593	0.2797	0.3446	0.2894	Ave		0.3212				9.7		15.0			
1,3,5-Trimethylbenzene	1.4745 2.8129	2.0713	1.9580	2.9517	2.4640	Lin	0.0433	2.7964							0.9958		
trans-1,4-Dichloro-2-butene	0.1569 0.2792	0.1883	0.1718	0.2673	0.2448	Lin	0.1252	0.2785							0.9965		
4-Chlorotoluene	1.6739 2.5855	2.2543	1.9237	2.7090	2.2754	Lin	0.0364	2.5661							0.9960		
tert-Butylbenzene	1.2510 2.3360	1.6333	1.3863	2.2374	2.0179	Lin	0.0666	2.3285							0.9957		
1,2,4-Trimethylbenzene	1.4009 2.8938	1.9921	1.7905	2.9169	2.5364	Lin	0.0547	2.8837							0.9962		
sec-Butylbenzene	1.6063 3.1027	2.2122	2.0034	3.1029	2.6870	Lin	0.0565	3.0878							0.9956		
4-Isopropyltoluene	1.1475 2.8143	1.7029	1.5753	2.6903	2.4371	Lin	0.0707	2.8098							0.9959		
1,3-Dichlorobenzene	1.4485 1.7511	1.7528	1.3817	1.8394	1.5313	Ave		1.6175				11.6		15.0			
1,4-Dichlorobenzene	1.7339 1.8121	1.9150	1.4341	1.8686	1.5775	Ave		1.7235				10.7		15.0			
p-Diethylbenzene	0.6461 1.5483	0.8661	0.7842	1.4022	1.3040	Lin	0.0885	1.5469							0.9944		
Benzyl chloride	0.2405 0.4408	0.2567	0.2225	0.4016	0.3706	Lin	0.0870	0.4402							0.9943		
n-Butylbenzene	0.9377 2.3545	1.4778	1.4128	2.3921	2.0567	Lin	0.0570	2.3475							0.9960		
1,2-Dichlorobenzene	1.5295 1.7558	1.7822	1.3354	1.8018	1.5216	Ave		1.6210				11.6		15.0			
1,2,4,5-Tetramethylbenzene	0.6017 2.7738	1.0118	0.9630	2.1426	2.2630	Lin	0.1303	2.7890							0.9923		
1,2-Dibromo-3-Chloropropane	0.1154 0.2183	0.1554	0.1324	0.1958	0.1779	Lin	0.0886	0.2172							0.9921		
Nitrobenzene	0.0032 0.0822	0.0113	0.0133	0.0339	0.0507	Qua	0.9881	22.415	-3.212						0.9980		
Hexachlorobutadiene	0.3867 0.5657	0.5181	0.3784	0.5399	0.4807	Lin	0.0616	0.5618							0.9946		
1,2,4-Trichlorobenzene	0.1806 1.2315	0.5084	0.5004	1.0076	1.0105	Lin	0.1179	1.2354							0.9929		
Naphthalene	0.1219 3.1899	0.5347	0.6863	2.1888	2.5028	Qua	0.0721	0.4354	-0.010						0.9994		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.1737 1.1629	0.4442	0.4787	1.0060	0.9630	Lin	0.1086	1.1657							0.9936		
Dibromofluoromethane	0.3736 0.4248	0.4509	0.3196	0.4243	0.3560	Ave		0.3916				12.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.4724 0.4880	0.5743	0.3946	0.5094	0.4180	Ave		0.4761				13.6		15.0			
Toluene-d8 (Surr)	1.3098 1.8308	1.4755	1.1438	1.7921	1.5323	Ave		1.5140				17.7	*	15.0			
4-Bromofluorobenzene	1.0100 1.0601	0.8742	0.6531	0.9999	0.8962	Ave		0.9156				16.0	*	15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-24168/1	W2739.D
Level 2	IC 220-24168/2	W2740.D
Level 3	IC 220-24168/3	W2741.D
Level 4	IC 220-24168/4	W2742.D
Level 5	IC 220-24168/5	W2743.D
Level 6	IC 220-24168/6	W2744.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Pentachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Lin	2708 878263	10843	38278	165440	432222	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Ave	3203 873985	11750	35650	157024	419728	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Ave	3366 935145	14342	38448	167678	447757	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Ave	1464 439898	6878	17592	71880	204978	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Lin	2597 384862	8042	22995	98370	228691	0.500 100	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	6935 1671114	30276	80981	338110	865647	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	6916 1500052	29338	63174	289216	751891	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Ave	2210 465706	8102	18848	84870	225949	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Ave	1373 307679	5477	14039	62321	162216	5.00 1000	20.0	50.0	200	500
1,1-Dichloro-1-fluoroethane	FB	Ave	7617 1507220	28352	62404	289206	757117	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	3235 726849	12153	27689	129839	350882	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Ave	10020 2337128	39807	91592	428906	1122677	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3647 844424	14720	34951	155453	406859	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	1016 198586	3803	8444	37565	96308	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Iodomethane	FB	Lin	1104 884887	3771	10776	105423	413996	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Qua	1430 532446	5723	12433	69157	222756	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Ave	4593 1104303	15215	35335	184148	517037	0.500 100	2.00	5.00	20.0	50.0
Isopropyl alcohol	FB	Lin	480 93965	1592	3614	14234	44024	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Lin	 854010	17059	35935	157615	412626	 100	2.00	5.00	20.0	50.0
Acetone	FB	Lin	 300473	7456	13660	53861	143816	 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	3995 863947	14764	32928	156825	415578	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	14735 3406964	56920	130292	607635	1630643	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Lin	9339 2831615	40079	90595	480413	1332652	0.500 100	2.00	5.00	20.0	50.0
2-Methyl-2-propanol	FB	Lin	3671 478405	8789	17902	76227	216503	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Ave	5622 1097698	18654	43055	192216	517464	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Lin	7282 2474989	30353	73784	402627	1169570	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Lin	1934 716134	9325	22033	119110	339805	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	6528 1526250	26144	60079	279768	744109	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2596 681443	11150	25051	122826	328580	1.00 200	4.00	10.0	40.0	100
Tert-butyl ethyl ether	FB	Lin	7170 2708255	30854	76629	444591	1273640	0.500 100	2.00	5.00	20.0	50.0
Vinyl acetate	FB	Qua	3627 1409592	12618	28775	190300	609975	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	4241 969914	15249	34923	169191	460620	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	5191 1288737	20263	45600	224894	618047	0.500 100	2.00	5.00	20.0	50.0
1-Bromopropane	FB	Ave	4625 1165122	17640	39705	202165	560200	0.500 100	2.00	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	2200 474516	8869	19741	93130	242662	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Lin	3853 1212129	15247	40491	208449	579879	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	7380 1595851	28706	62919	289236	778977	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	5546 1307881	22306	50137	237803	636187	0.500 100	2.00	5.00	20.0	50.0
tert-Butyl Formate	FB	Lin	181 154798	0	5350	30503	82586	0.500 100	2.00	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	2174 584251	7309	19170	94537	270826	1.00 200	4.00	10.0	40.0	100
Methyl acrylate	FB	Lin	2431 830690	9799	24052	129642	382715	0.500 100	2.00	5.00	20.0	50.0
Ethyl acetate	FB	Ave	759 208389	2773	6350	33733	95724	1.00 200	4.00	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	6183 1488609	25182	57029	271880	723326	0.500 100	2.00	5.00	20.0	50.0
2-Butanone (MEK)	FB	Ave	 388533	6712	14048	65173	180268	 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Lin	4158 1252307	17190	40195	212506	596526	0.500 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Ave	6132 1742250	24020	57269	301272	828424	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	14294 3500557	54363	128163	625272	1685398	0.500 100	2.00	5.00	20.0	50.0
n-Heptane	FB	Lin	2121 624305	7784	18167	103578	294970	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	5512 1310477	21751	50295	236758	630403	5.00 1000	20.0	50.0	200	500
Methacrylonitrile	FB	Ave	2402 558638	7116	19557	97827	254394	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Lin	787 120282	2451	5926	24278	61179	5.00 1000	20.0	50.0	200	500
Tert-amyl methyl ether	FB	Lin	5888 2587236	28808	72101	411631	1198192	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	5975 1295821	22738	50046	239533	635106	0.500 100	2.00	5.00	20.0	50.0
Methylcyclohexane	FB	Lin	3883 1204257	15420	36471	197563	570141	0.500 100	2.00	5.00	20.0	50.0
Isopropyl acetate	FB	Lin	220 54448	965	1744	8594	27158	1.00 200	4.00	10.0	40.0	100
Trichloroethene	FB	Ave	4256 1045192	16801	37795	185794	507144	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	2688 590149	10237	22805	106489	281928	0.500 100	2.00	5.00	20.0	50.0
n-Butanol	FB	Qua	443 194338	2028	4643	22735	76580	5.00 1000	20.0	50.0	200	500
1,2-Dichloropropane	FB	Ave	3145 864284	13404	29371	149020	409219	0.500 100	2.00	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	5009 1222629	19060	44214	218187	588692	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Lin	119 67793	882	2009	9871	30399	5.00 1000	20.0	50.0	200	500
Methyl methacrylate	FB	Lin	1620 828891	8134	15586	118142	379490	0.500 100	2.00	5.00	20.0	50.0
n-Propyl acetate	FB	Lin	695 272932	2610	6292	38263	123867	1.00 200	4.00	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Lin	1155 436870	3643	9055	61190	196037	0.500 100	2.00	5.00	20.0	50.0
cis-1,3-Dichloropropene	FB	Lin	4404 1502287	17011	40898	249229	712767	0.500 100	2.00	5.00	20.0	50.0
Toluene	CBZ	Ave	15219 3874493	52301	126297	681766	1863839	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Lin	827 301992	3849	9407	48666	142143	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Lin	1587 543944	7096	15495	85626	248462	1.00 200	4.00	10.0	40.0	100
1,1-Dichloroacetone	CBZ	Lin	5804 2230246	23628	60959	351872	1025640	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Ave	3398 792215	12257	28255	138889	377422	0.500 100	2.00	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Lin	1835 775923	7656	18765	111030	348892	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Lin	3492 1471205	16018	41551	246570	701320	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	2984 840957	12820	29367	147992	402126	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Qua	1597 926578	5409	12310	95854	369905	0.500 100	2.00	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	3643 1053534	14765	33859	179184	499997	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	4884 1490472	20387	48185	256422	705150	0.500 100	2.00	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Lin	2924 896180	12102	28160	152606	422022	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBZ	Qua	1012 510998	4044	9703	66607	221308	0.500 100	2.00	5.00	20.0	50.0
2-Hexanone	CBZ	Lin	1332 561632	4885	12070	77156	251195	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	10175 2584921	40410	91119	452418	1233670	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Lin	2226 958514	8612	21498	168035	467928	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Lin	4037 1367444	17698	43654	241680	656356	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	3497 967700	14524	33946	170121	467668	0.500 100	2.00	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Lin	9080 3306754	39055	101317	575806	1587679	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Lin	4118 1579401	16980	40755	252265	742892	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Lin	2036 739530	8993	20953	118345	343020	0.500 100	2.00	5.00	20.0	50.0
Styrene	CBZ	Lin	5080 2648341	23399	63285	428010	1249076	0.500 100	2.00	5.00	20.0	50.0
Isopropylbenzene	DCB	Lin	7662 3665375	36007	96638	599217	1744497	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	3630 1117731	15384	36737	194875	535497	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Lin	8700 4169231	40131	108957	698478	1997990	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	3610 1016996	15170	34319	175272	481137	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Lin	7306 3141869	36985	100889	555870	1515725	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Lin	7378 3824726	36204	105000	658027	1829147	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	1323 366923	5653	13919	65096	177018	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Lin	5952 3159748	32586	97440	557589	1507224	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin	1267 627360	5924	17101	101007	299486	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Lin	6757 2904290	35465	95732	511734	1391831	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Lin	5050 2624058	25696	68988	422658	1234373	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	DCB	Lin	5655 3250619	31341	89104	551011	1551504	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Lin	6484 3485217	34804	99700	586151	1643627	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Lin	4632 3161290	26791	78394	508206	1490775	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	5847 1966978	27576	68760	347479	936708	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	6999 2035563	30128	71367	352985	964938	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Lin	2608 1739172	13626	39025	264881	797640	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Lin	971 495183	4038	11075	75855	226703	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Lin	3785 2644751	23250	70307	451884	1258050	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	6174 1972268	28038	66458	340362	930740	0.500 100	2.00	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Lin	2429 3115791	15918	47923	404745	1384293	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Lin	466 245220	2445	6588	36986	108813	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Qua	129 923760	1773	6610	64090	310304	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Lin	1561 635497	8151	18833	101987	294014	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Lin	729 1383308	7999	24901	190337	618114	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Qua	492 3583240	8412	34155	413466	1530985	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Lin	701 1306304	6988	23822	190033	589071	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	3734 933285	15335	33185	162139	436993	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	4721 1072154	19529	40977	194622	513114	0.500 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	11102 3477870	42195	98498	573878	1606321	0.500 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	4077 1190774	13753	32503	188884	548189	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1 Analy Batch No.: 24168

SDG No.: 220-7945-1

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/05/2009 20:50 Calibration End Date: 02/05/2009 23:16 Calibration ID: 2858

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W2739.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 05-FEB-2009 20:50 MS Autotune Date: 16-JAN-2009 15:45
Operator : D. HUMBERT Inst ID: msw.i
Smp Info : IC;0.5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W8260LOW.M
Meth Date : 06-Feb-2009 10:05 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 20:50 Cal File: W2739.D
Als bottle: 38 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	499675	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	2708	0.50000	0.9(M)
3	Chloromethane	50	1.159	1.159	(0.233)	3203	0.50000	0.4(M)
4	Vinyl Chloride	62	1.175	1.175	(0.237)	3366	0.50000	0.4(M)
5	Bromomethane	94	1.367	1.367	(0.275)	1464	0.50000	0.4
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	6935	0.50000	0.4
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	6916	0.50000	0.5(T)
9	Ethyl Ether	45	1.736	1.736	(0.350)	2210	0.50000	0.5
10	Ethanol	45	1.795	1.795	(0.361)	1373	5.00000	5(M)
11	Freon 141	81	1.801	1.801	(0.363)	7617	0.50000	0.5
12	Freon 123	67	1.918	1.918	(0.386)	1016	0.50000	0.5(M)
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	3647	0.50000	0.5
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	3235	0.50000	0.5
15	Carbon Disulfide	76	1.886	1.886	(0.380)	10020	0.50000	0.5
16	Iodomethane	142	1.972	1.972	(0.397)	1104	0.50000	4(M)
17	Acrolein	56	2.111	2.111	(0.425)	1430	2.50000	3
18	2-Propanol	45	2.261	2.261	(0.455)	480	0.50000	2(M)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	4593	0.50000	0.5
20	Methylene Chloride	84	2.309	2.309	(0.465)	5943	0.50000	1
21	Acetone	43	2.352	2.352	(0.473)	2941	0.50000	2(M)
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	3995	0.50000	0.5
23	Methyl Acetate	43	2.459	2.459	(0.495)	14735	0.50000	0.5
24	Methyl tert-Butyl Ether	73	2.539	2.539	(0.511)	9339	0.50000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.640	2.640	(0.532)	3671	2.50000	12(M)
	26 Acetonitrile	41	2.742	2.742	(0.552)	5622	5.00000	6
	27 Isopropyl ether	45	2.919	2.919	(0.588)	7282	0.50000	2(M)
	28 tert-Butyl ethyl ether	59	3.298	3.298	(0.664)	7170	0.50000	2
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	1934	0.50000	2
	30 Acrylonitrile	53	3.063	3.063	(0.617)	2596	1.00000	0.9(M)
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	6528	0.50000	0.5(M)
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	3627	0.50000	0.9(M)
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.719)	4241	0.50000	0.5
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	5191	0.50000	0.5
	35 Bromochloromethane	128	3.775	3.775	(0.760)	2200	0.50000	0.5
	36 1-Bromopropane	43	3.764	3.764	(0.758)	4625	0.50000	0.5(T)
	37 Cyclohexane	84	3.775	3.775	(0.760)	3853	0.50000	2(M)
	38 Chloroform	83	3.882	3.882	(0.781)	7380	0.50000	0.5
	39 Ethyl Acetate	43	4.053	4.053	(0.816)	759	1.00000	0.9(M)
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	2431	0.50000	2(M)
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	3734	0.50000	0.5(M)
	42 Tetrahydrofuran	42	4.047	4.047	(0.815)	2174	1.00000	1.0(M)
	43 Carbon Tetrachloride	117	4.005	4.005	(0.806)	5546	0.50000	0.5
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	6183	0.50000	0.5
	45 2-Butanone	43	4.213	4.213	(0.848)	2637	0.50000	0.8(M)
	46 1,1-Dichloropropene	75	4.219	4.219	(0.849)	4158	0.50000	2(T)
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	5888	0.50000	2(M)
	48 tert-Butyl formate	57	4.834	4.834	(0.973)	181	0.50000	0.4(M)
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	6132	0.50000	0.4(M)
	50 Heptane	43	4.508	4.508	(0.907)	2121	0.50000	2(M)
	51 Propionitrile	54	4.518	4.518	(0.910)	5512	5.00000	5
	52 Benzene	78	4.491	4.491	(0.904)	14294	0.50000	0.5
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.916)	2402	0.50000	0.5(M)
	54 Isobutyl alcohol	42	4.668	4.668	(0.940)	787	5.00000	3(M)
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	4721	0.50000	0.5(M)
	56 1,2-Dichloroethane	62	4.711	4.711	(0.948)	5975	0.50000	0.5(M)
	59 Methyl Cyclohexane	83	5.133	5.133	(1.033)	3883	0.50000	2
	60 Trichloroethene	130	5.155	5.155	(1.038)	4256	0.50000	0.5
	61 Isopropyl Acetate	43	5.160	5.160	(1.039)	220	1.00000	3(M)
	62 n-Butanol	56	5.652	5.652	(1.138)	443	5.00000	5(M)
	63 Dibromomethane	93	5.620	5.620	(1.131)	2688	0.50000	0.5
	64 1,2-Dichloropropane	63	5.738	5.738	(1.155)	3145	0.50000	0.4(M)
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	5009	0.50000	0.5
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	1620	0.50000	3(T)
	67 1,4-Dioxane	58	6.102	6.102	(1.228)	119	5.00000	27(M)
	68 n-Propyl Acetate	43	6.562	6.562	(1.321)	695	1.00000	6(M)
	69 2-Chloroethylvinylether	63	6.573	6.573	(1.323)	1155	0.50000	3(M)
	70 cis-1,3-Dichloropropene	75	6.599	6.599	(1.328)	4404	0.50000	2(M)
	71 Chloroacetonitrile	48	7.065	7.065	(1.422)	827	5.00000	21(M)
	72 2-Nitropropane	41	7.156	7.156	(1.440)	1587	1.00000	5(T)
	73 trans-1,3-Dichloropropene	75	7.407	7.407	(1.491)	3492	0.50000	2(M)
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.527)	2984	0.50000	0.4
*	75 Chlorobenzene-d5	117	8.712	8.712	(1.000)	423806	25.0000	
	76 Toluene	91	6.877	6.877	(0.789)	15219	0.50000	0.5
$	77 Toluene-d8	98	6.813	6.813	(0.782)	11102	0.50000	0.4
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.823)	5804	2.50000	11(T)
	79 4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	1835	0.50000	3(M)
	80 Tetrachloroethene	164	7.321	7.321	(0.840)	3398	0.50000	0.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	7.669	7.669	(0.880)	1597	0.50000	2
82	Dibromochloromethane	129	7.787	7.787	(0.894)	3643	0.50000	0.4(T)
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	4884	0.50000	0.4
84	1,2-Dibromoethane	107	8.044	8.044	(0.923)	2924	0.50000	2
85	n-Butyl Acetate	56	8.370	8.370	(0.961)	1012	0.50000	1.0(M)
86	2-Hexanone	43	8.440	8.440	(0.969)	1332	0.50000	3(M)
87	1-Chlorohexane	91	8.787	8.787	(1.009)	2226	0.50000	2(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	10175	0.50000	0.5
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.015)	3497	0.50000	0.4(T)
90	Ethylbenzene	106	8.819	8.819	(1.012)	4037	0.50000	1
91	Xylene (total)mp	106	9.017	9.017	(1.035)	9080	1.00000	3
92	Xylene (total)o	106	9.515	9.515	(1.092)	4118	0.50000	2
93	Styrene	104	9.579	9.579	(1.099)	5080	0.50000	2
94	Bromoform	173	9.563	9.563	(1.098)	2036	0.50000	2
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	201833	25.0000	
96	Isopropylbenzene	105	9.873	9.873	(0.887)	7662	0.50000	2
97	Bromobenzene	156	10.205	10.205	(0.917)	3630	0.50000	0.5
98	1,1,2,2-Tetrachloroethane	83	10.365	10.365	(0.932)	3610	0.50000	0.5
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	7378	0.50000	2
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	1323	0.50000	0.5
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	1267	1.00000	4(M)
102	n-Propylbenzene	91	10.291	10.291	(0.925)	8700	0.50000	2
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	7306	0.50000	1
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	6757	0.50000	1
105	1,3,5-Trimethylbenzene	105	10.488	10.488	(0.943)	5952	0.50000	1
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	5050	0.50000	2
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	5655	0.50000	2
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	6484	0.50000	2
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	4632	0.50000	2
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	5847	0.50000	0.4
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	6999	0.50000	0.5
112	1,2-Dichlorobenzene	146	11.467	11.467	(1.031)	6174	0.50000	0.5
113	Benzyl Chloride	126	11.350	11.350	(1.020)	971	0.50000	2(M)
114	1,4-Diethylbenzene	119	11.344	11.344	(1.020)	2608	0.50000	2
115	n-Butylbenzene	91	11.382	11.382	(1.023)	3785	0.50000	2
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	2429	0.50000	3(T)
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	466	0.50000	2(M)
120	Nitrobenzene	77	12.489	12.489	(1.123)	129	5.00000	25(M)
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	729	0.50000	3(M)
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	1561	0.50000	2(M)
123	Naphthalene	128	12.805	12.805	(1.151)	492	0.50000	2(M)
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	701	0.50000	3(M)
$ 125	Bromofluorobenzene	95	10.130	10.130	(0.911)	4077	0.50000	0.6
M 126	1,2-Dichloroethene (total)	100				8236	1.00000	1
M 127	Xylene (total)	100				13198	1.50000	5

QC Flag Legend

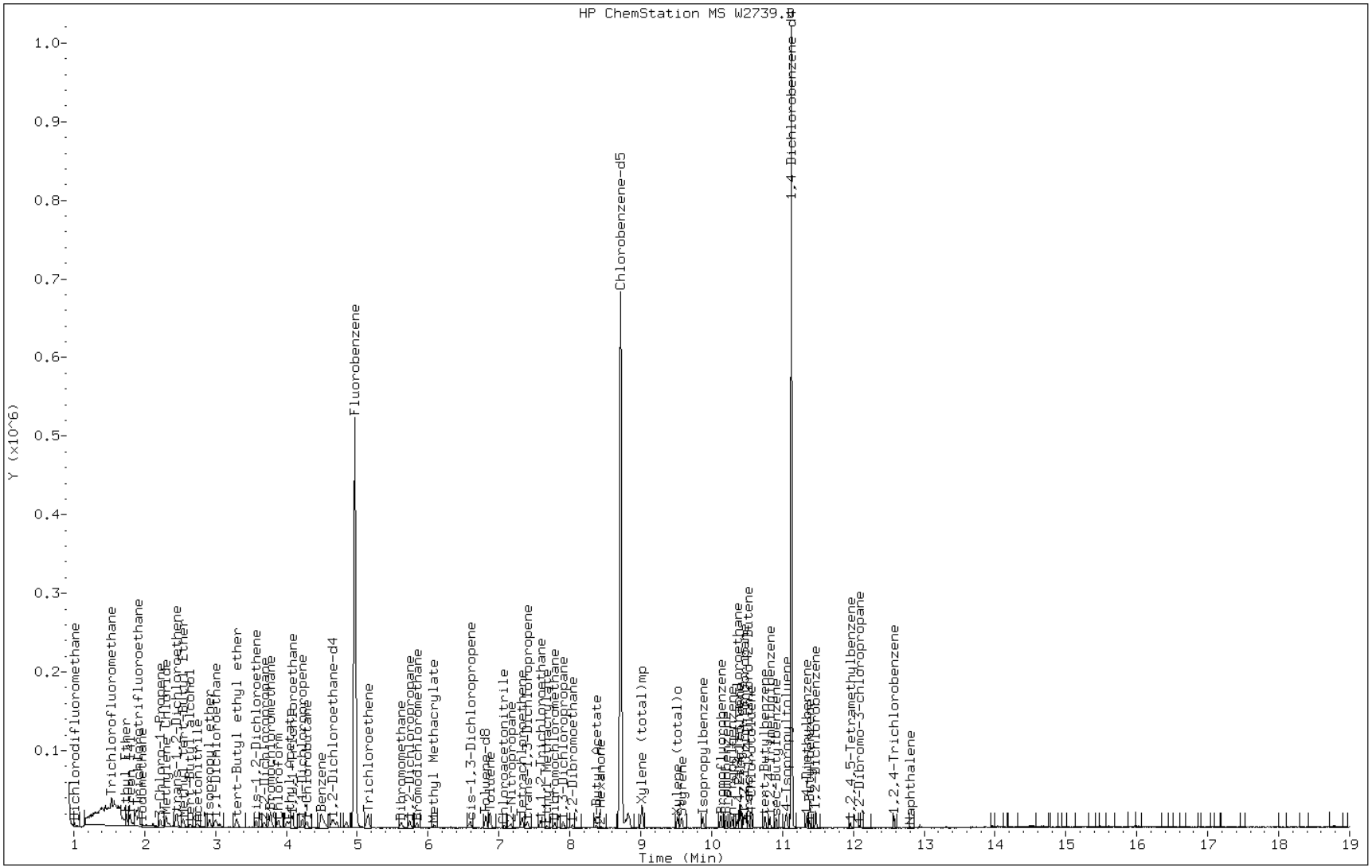
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: W2739.D

Date: 05-FEB-2009 20:50

Client ID: IC;0.5 Instrument: msw.i

Sample Info: IC;0.5 Operator: D. HUMBERT



Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/09/2009

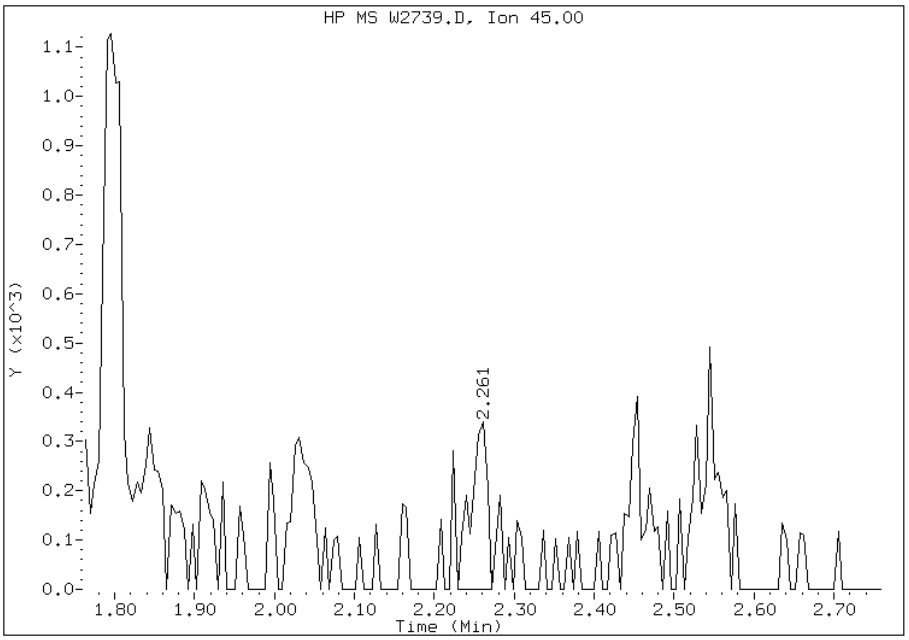
Processing Integration Results

RT: 2.26

Response: 480

Amount: 2

Conc: 2



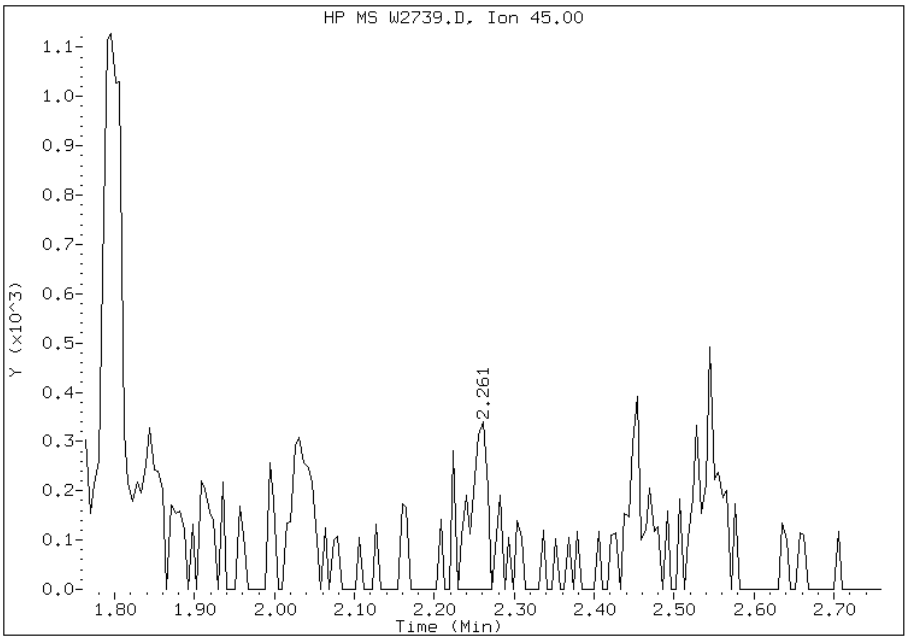
Manual Integration Results

RT: 2.26

Response: 480

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 02/09/2009

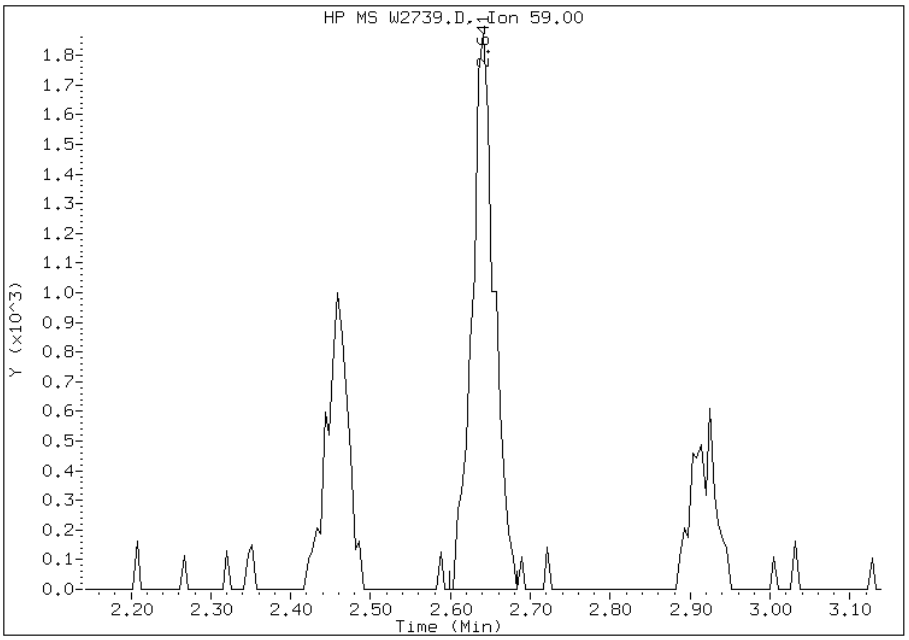
Processing Integration Results

RT: 2.64

Response: 3671

Amount: 12

Conc: 12



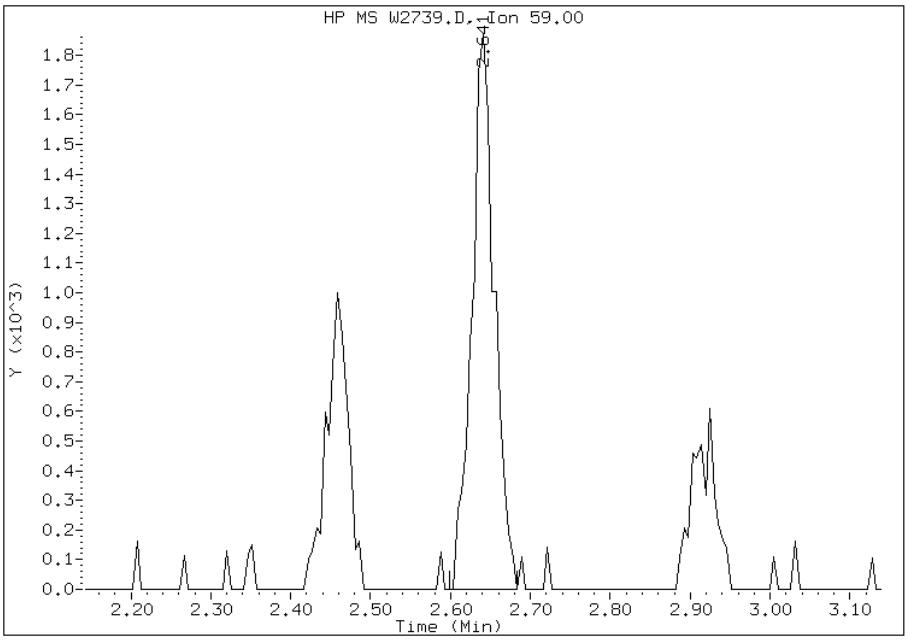
Manual Integration Results

RT: 2.64

Response: 3671

Amount: 12

Conc: 12



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

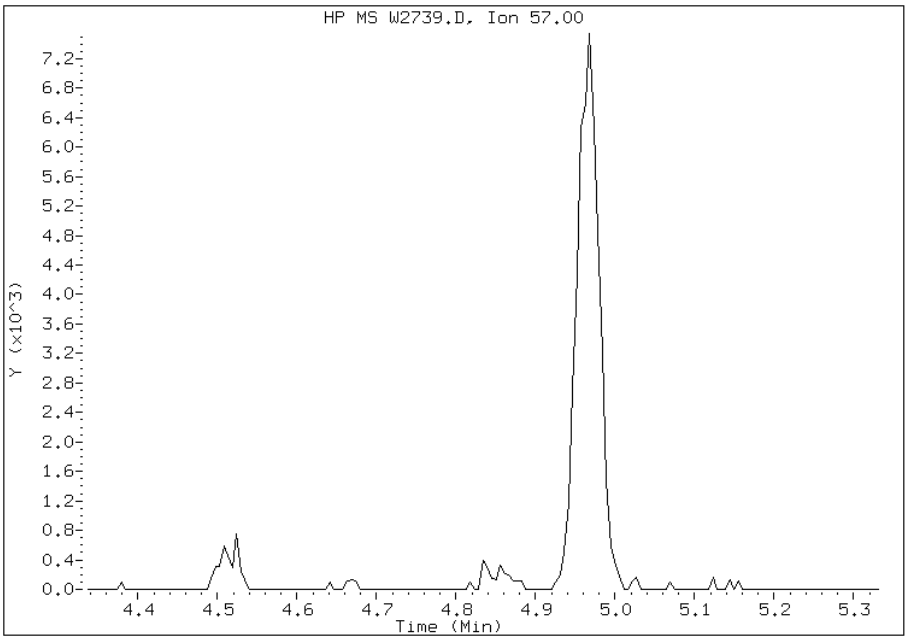
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 48 tert-Butyl formate
CAS #: 762-75-4
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.83



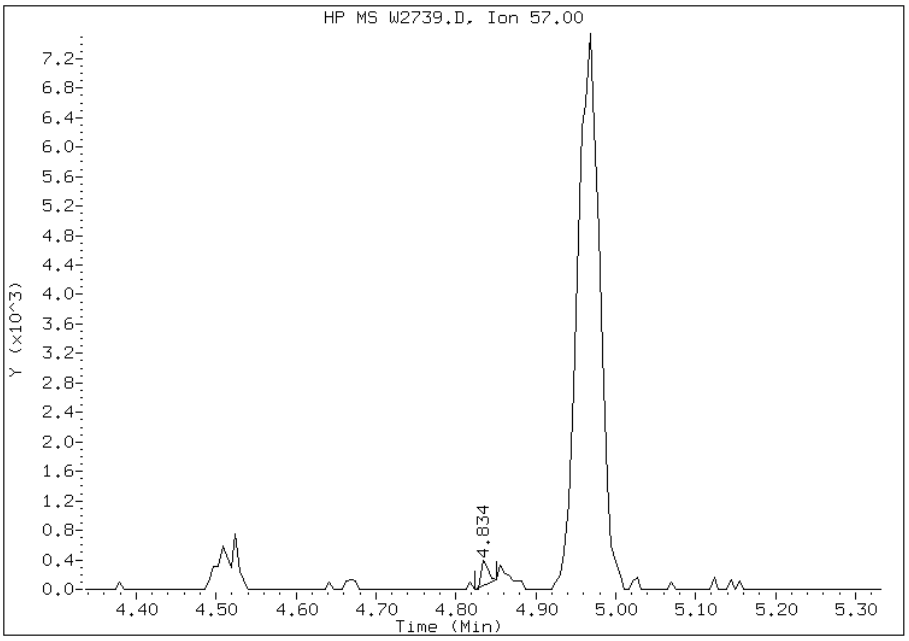
Manual Integration Results

RT: 4.83

Response: 181

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

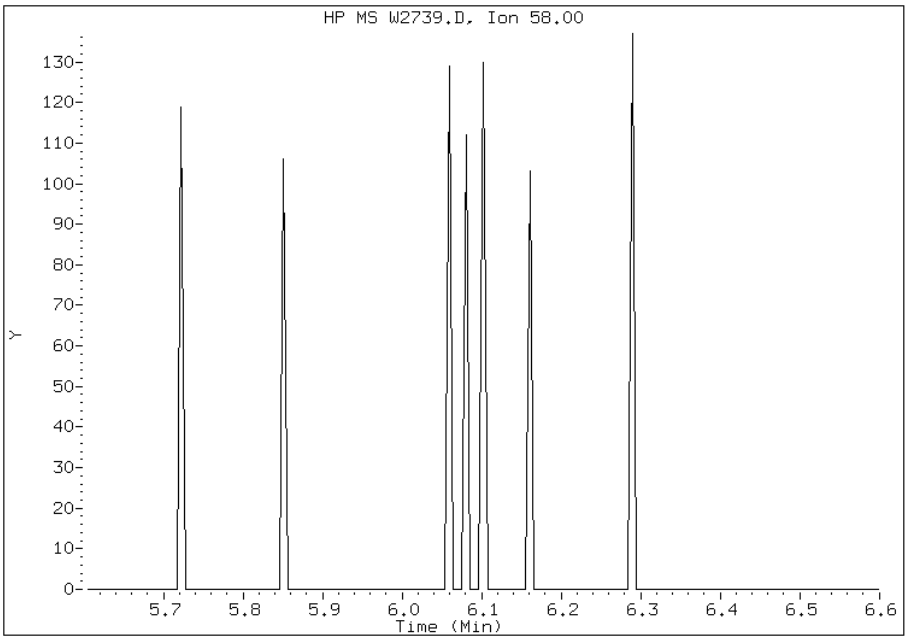
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 6.10



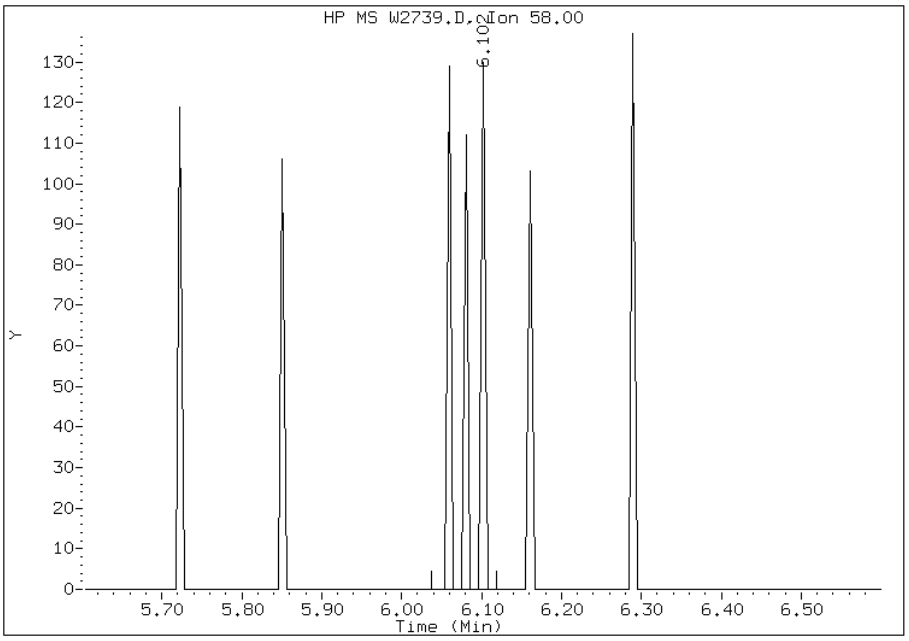
Manual Integration Results

RT: 6.10

Response: 119

Amount: 27

Conc: 27



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

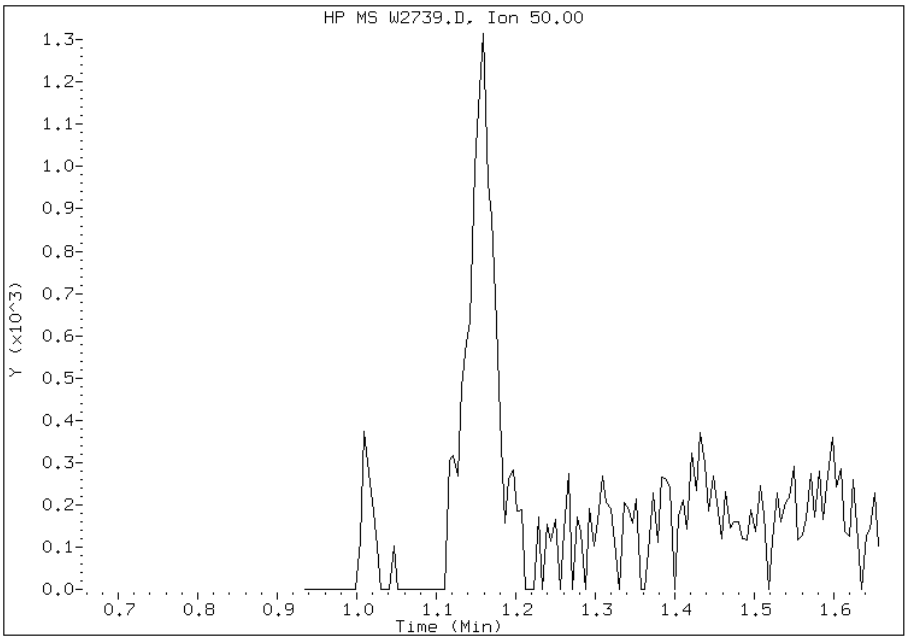
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 1.16



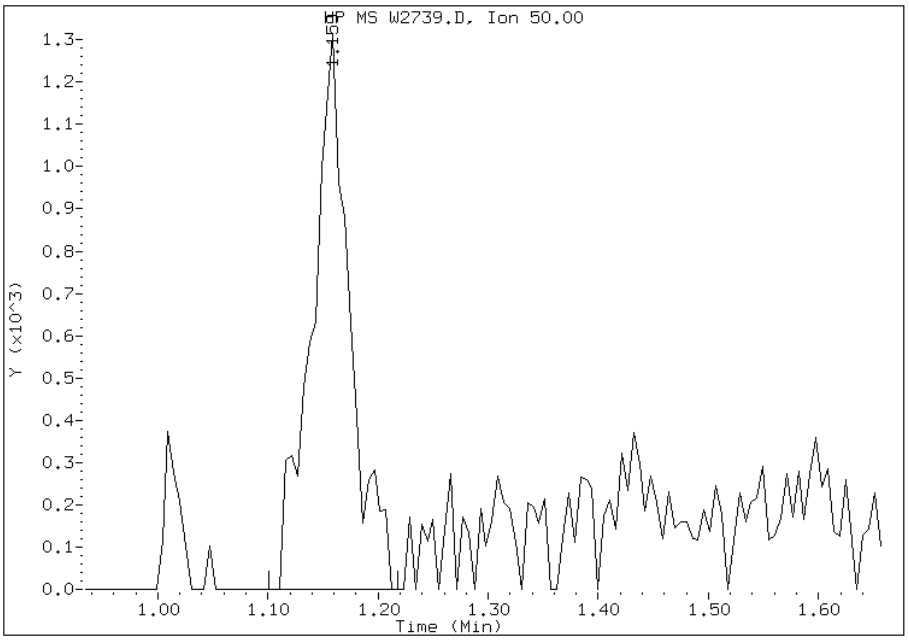
Manual Integration Results

RT: 1.16

Response: 3203

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

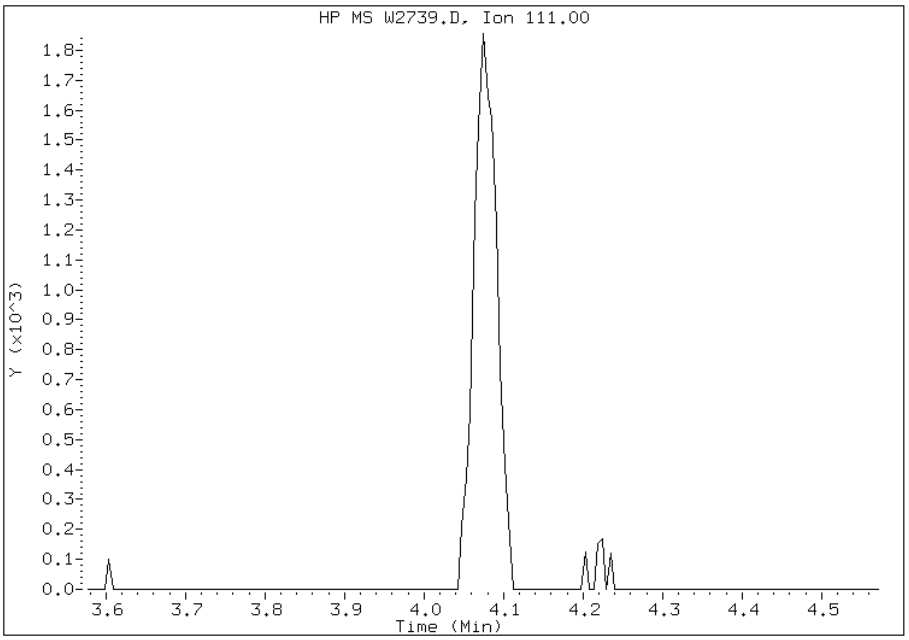
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 41 Dibromofluoromethane
CAS #: 1868-53-7
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.07



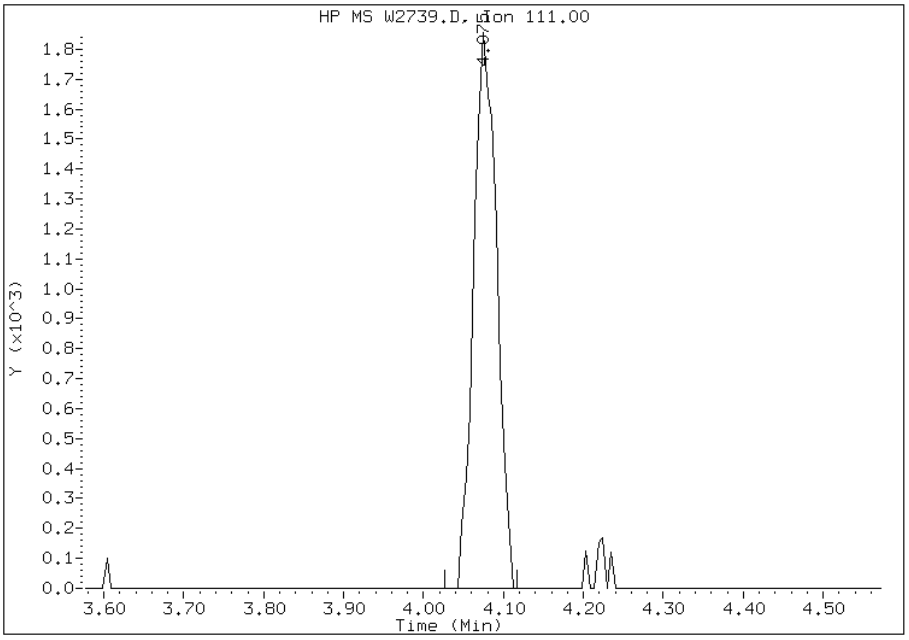
Manual Integration Results

RT: 4.07

Response: 3734

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 02/09/2009

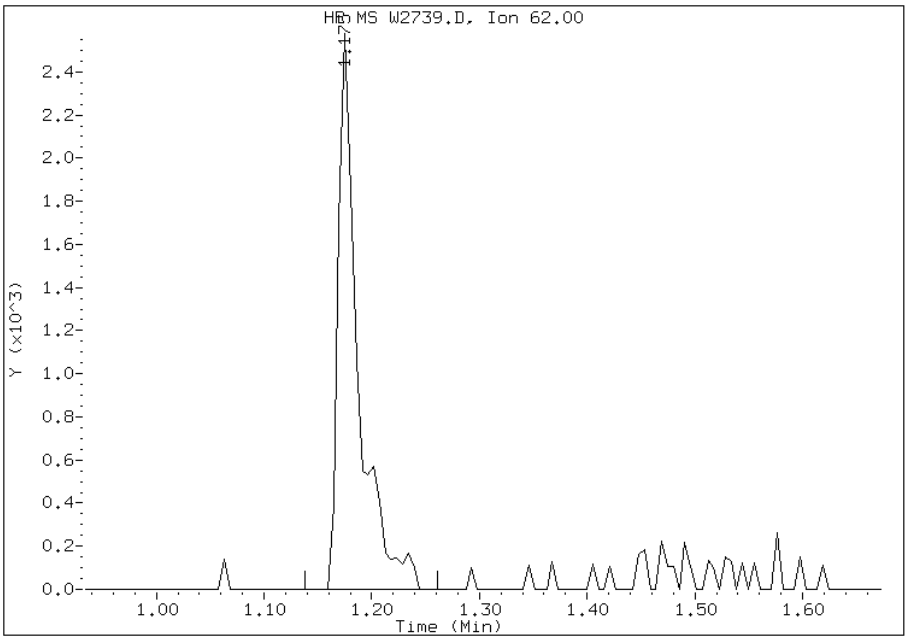
Processing Integration Results

RT: 1.18

Response: 3366

Amount: 0

Conc: 0



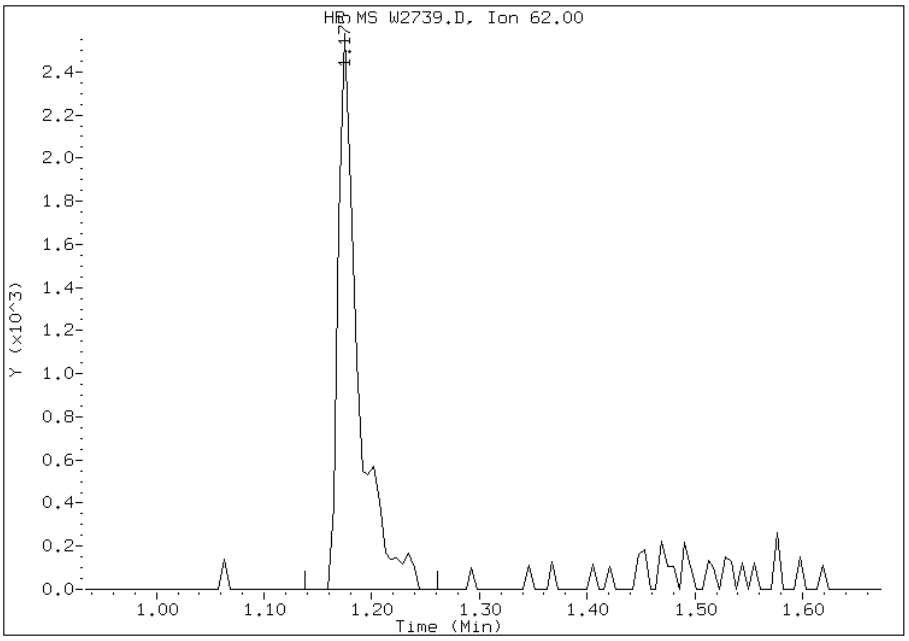
Manual Integration Results

RT: 1.18

Response: 3366

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 86 2-Hexanone
CAS #: 591-78-6
Report Date: 02/09/2009

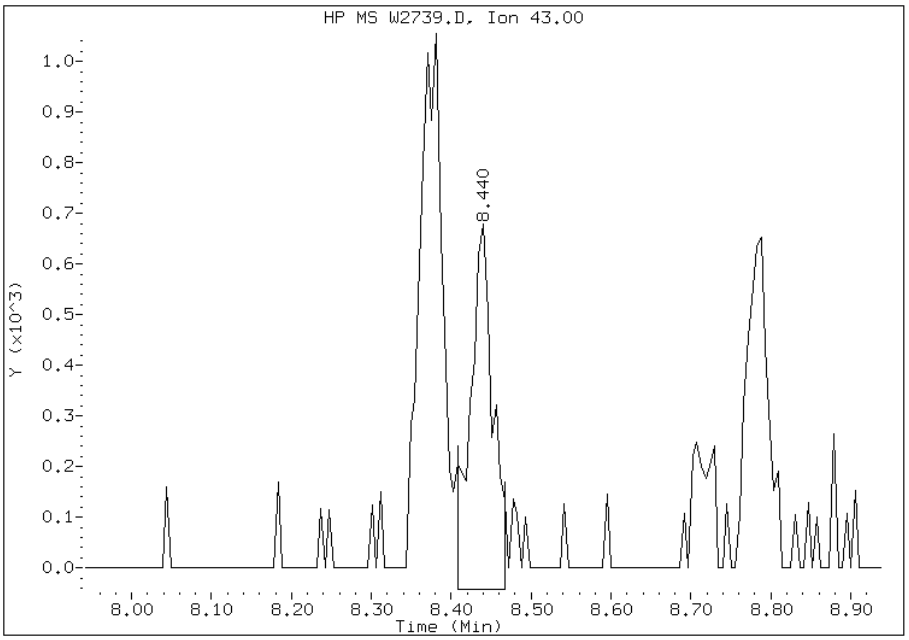
Processing Integration Results

RT: 8.44

Response: 1449

Amount: 1

Conc: 1



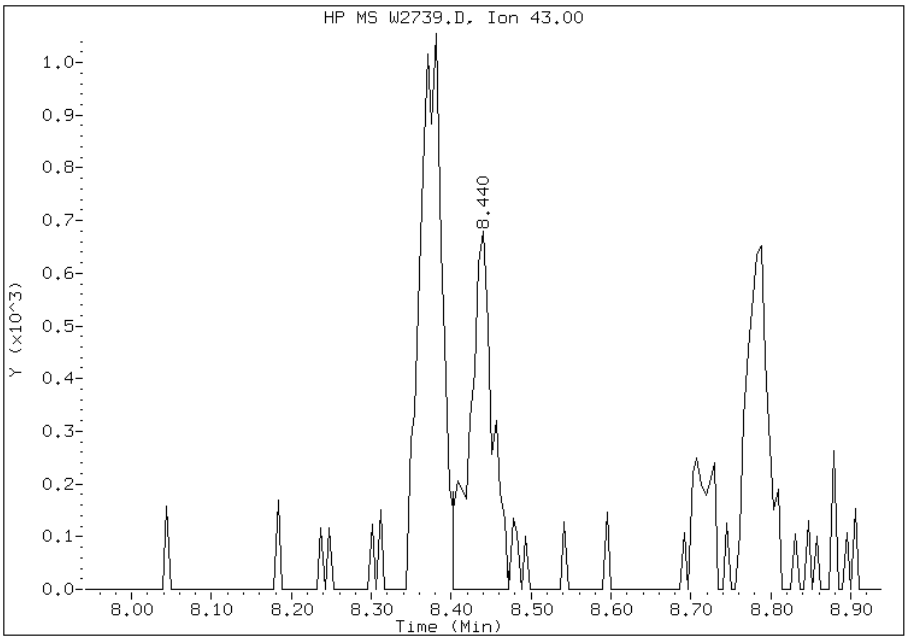
Manual Integration Results

RT: 8.44

Response: 1332

Amount: 3

Conc: 3



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

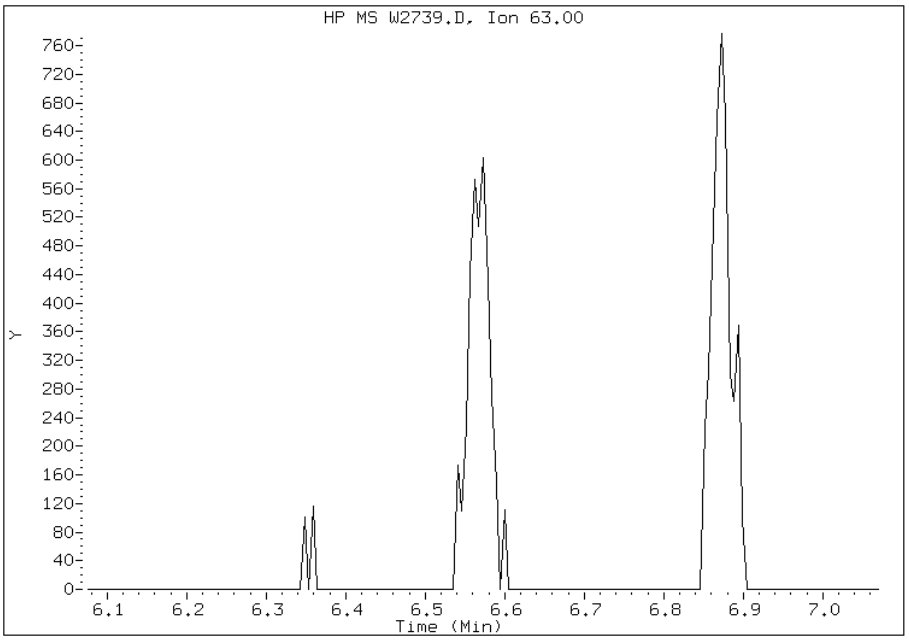
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 69 2-Chloroethylvinylether
CAS #: 110-75-8
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 6.57



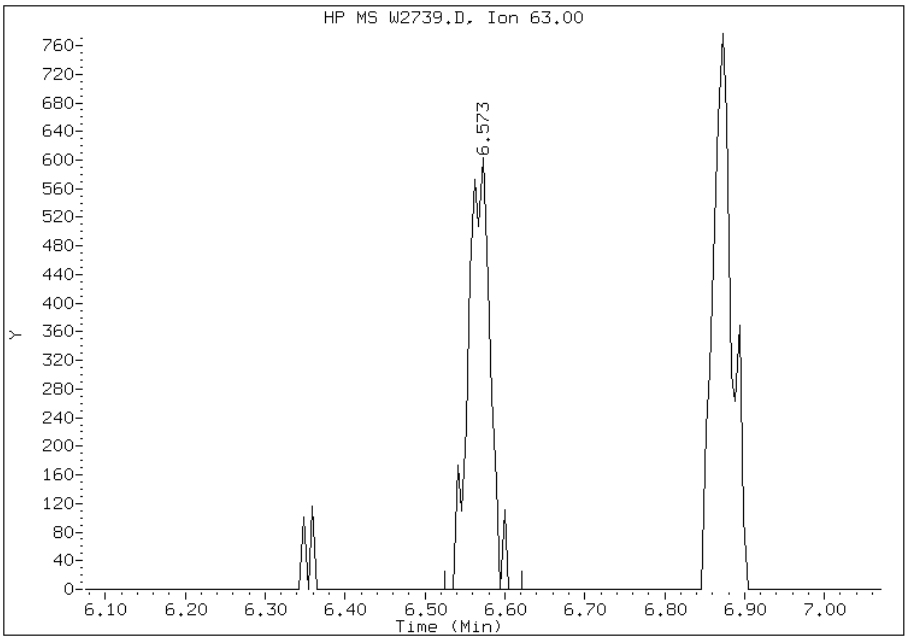
Manual Integration Results

RT: 6.57

Response: 1155

Amount: 3

Conc: 3



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

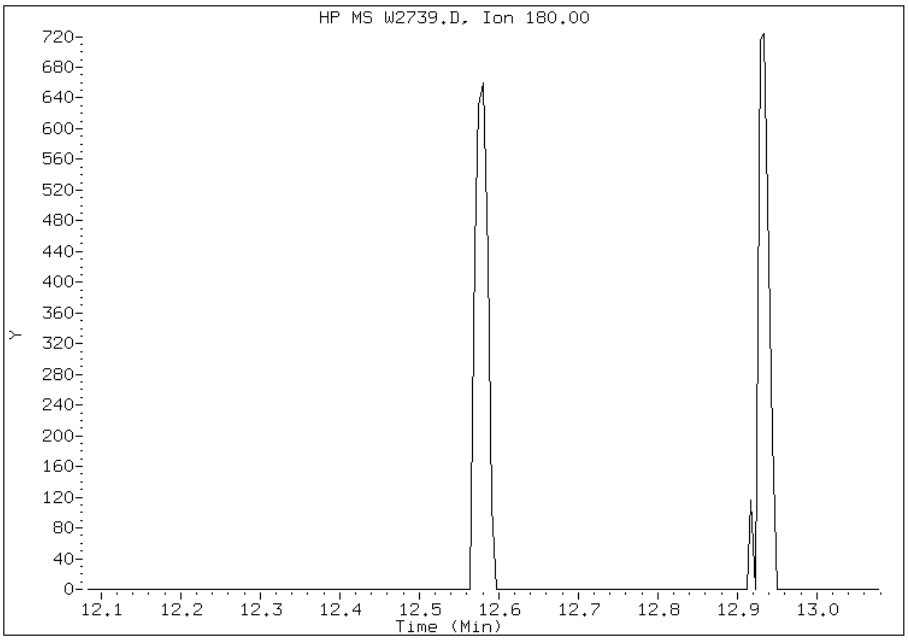
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 121 1,2,4-Trichlorobenzene
CAS #: 120-82-1
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.58



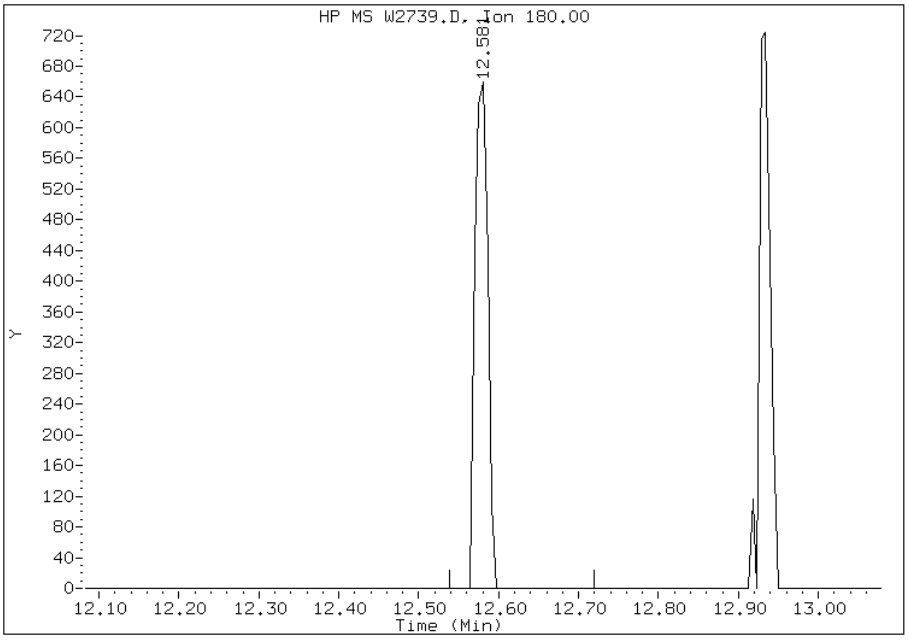
Manual Integration Results

RT: 12.58

Response: 729

Amount: 3

Conc: 3



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 37 Cyclohexane
CAS #: 110-82-7
Report Date: 02/09/2009

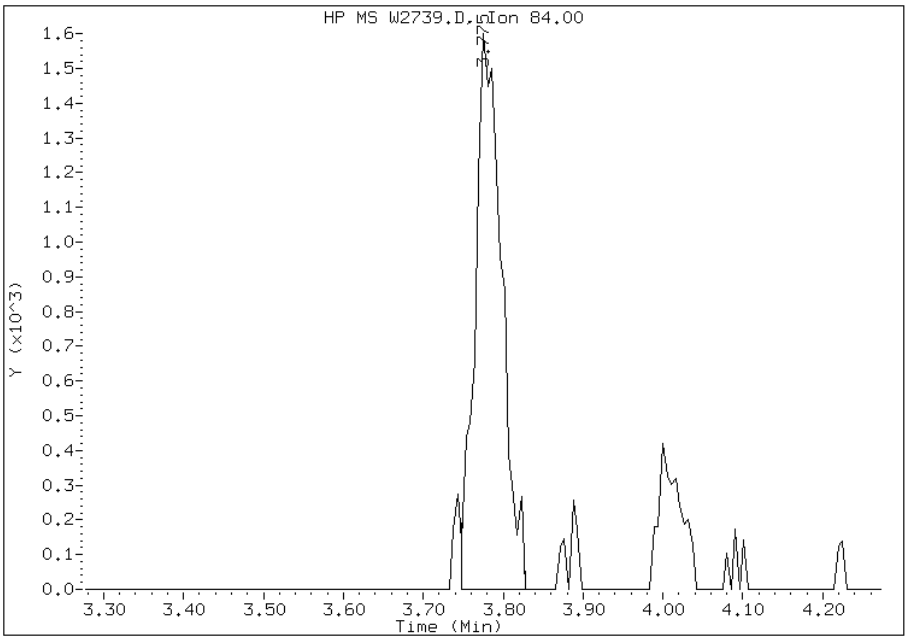
Processing Integration Results

RT: 3.78

Response: 3709

Amount: 0

Conc: 0



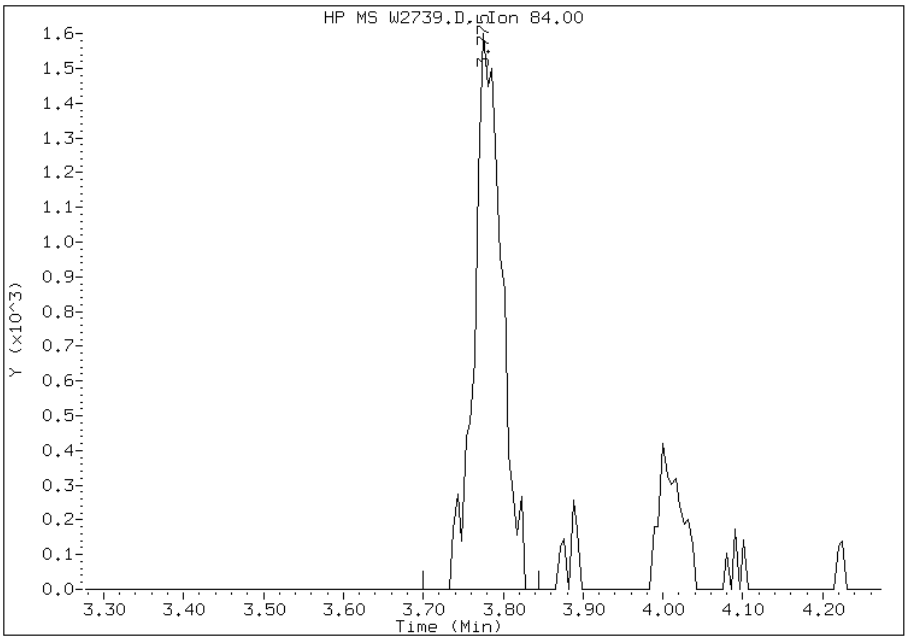
Manual Integration Results

RT: 3.78

Response: 3853

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

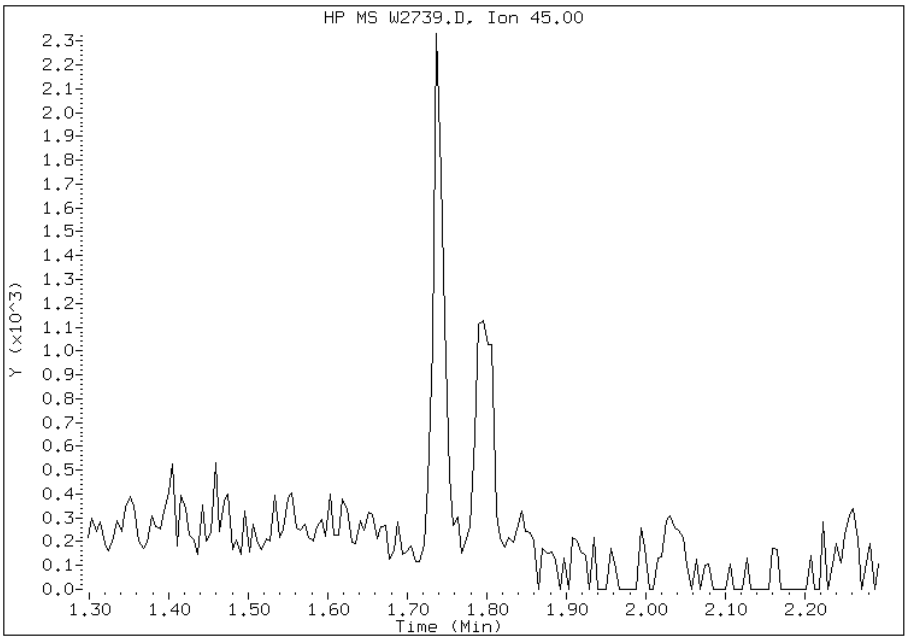
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 1.80



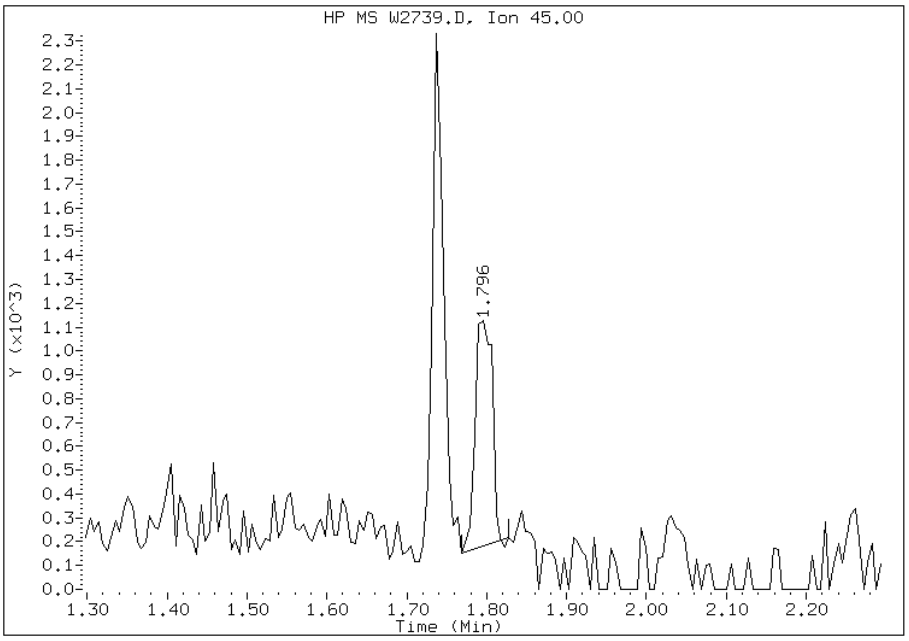
Manual Integration Results

RT: 1.80

Response: 1373

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 40 Methyl Acrylate
CAS #: 96-33-3
Report Date: 02/09/2009

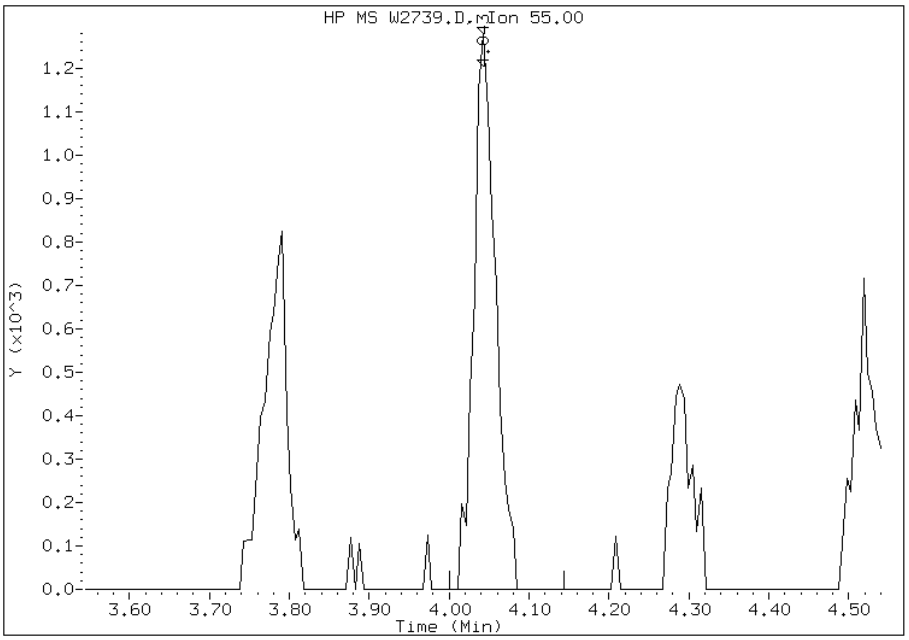
Processing Integration Results

RT: 4.04

Response: 2431

Amount: 2

Conc: 2



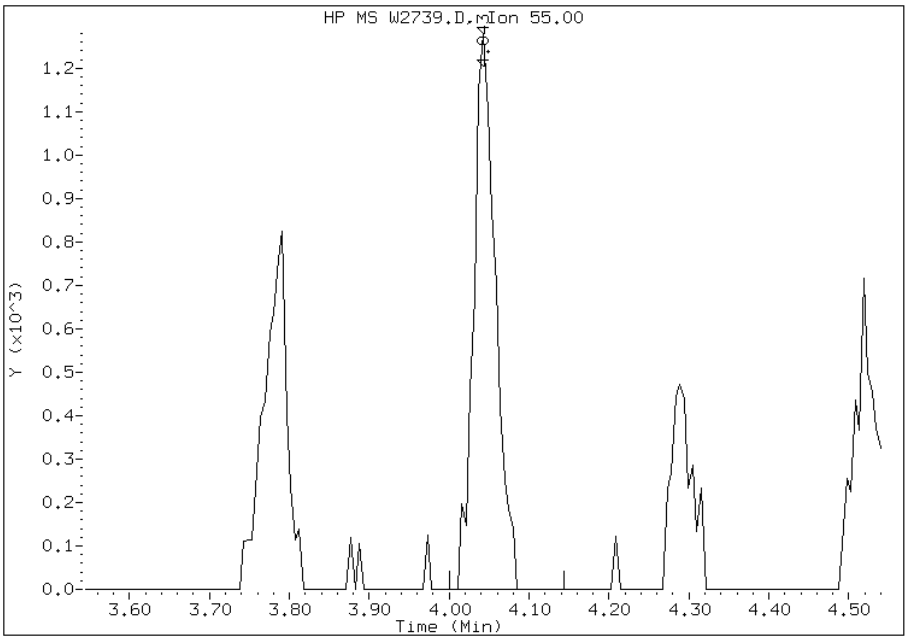
Manual Integration Results

RT: 4.04

Response: 2431

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 56 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 02/09/2009

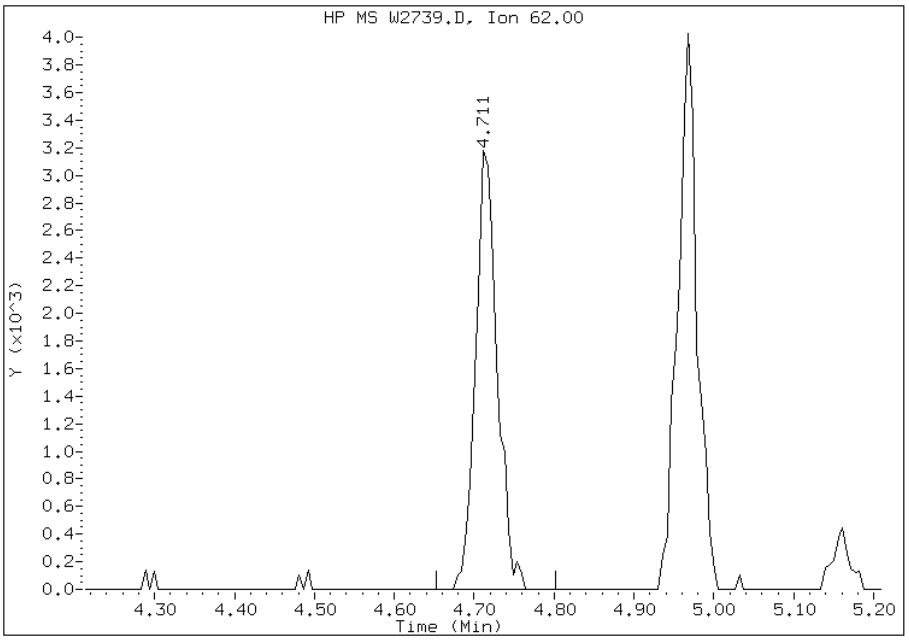
Processing Integration Results

RT: 4.71

Response: 5975

Amount: 1

Conc: 1



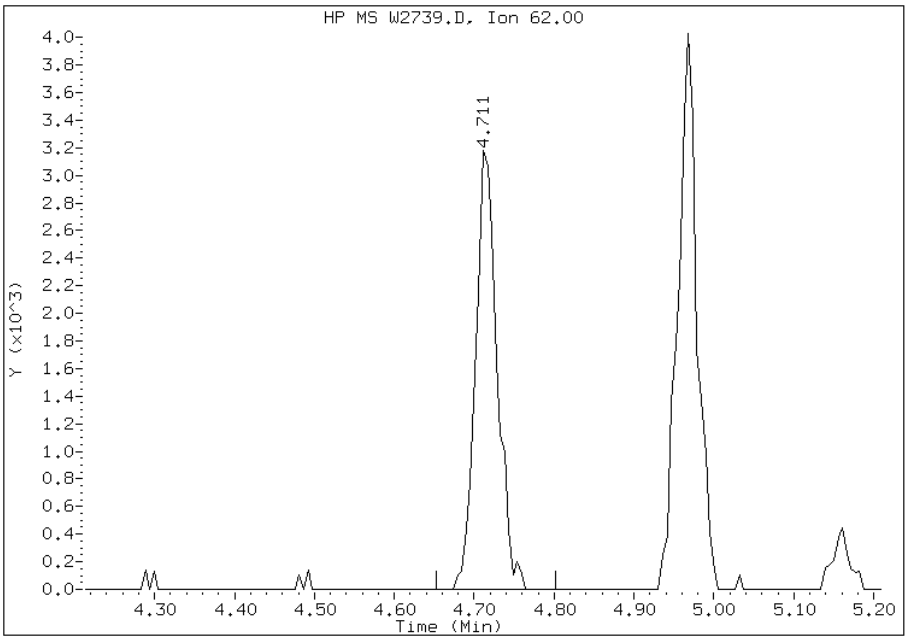
Manual Integration Results

RT: 4.71

Response: 5975

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

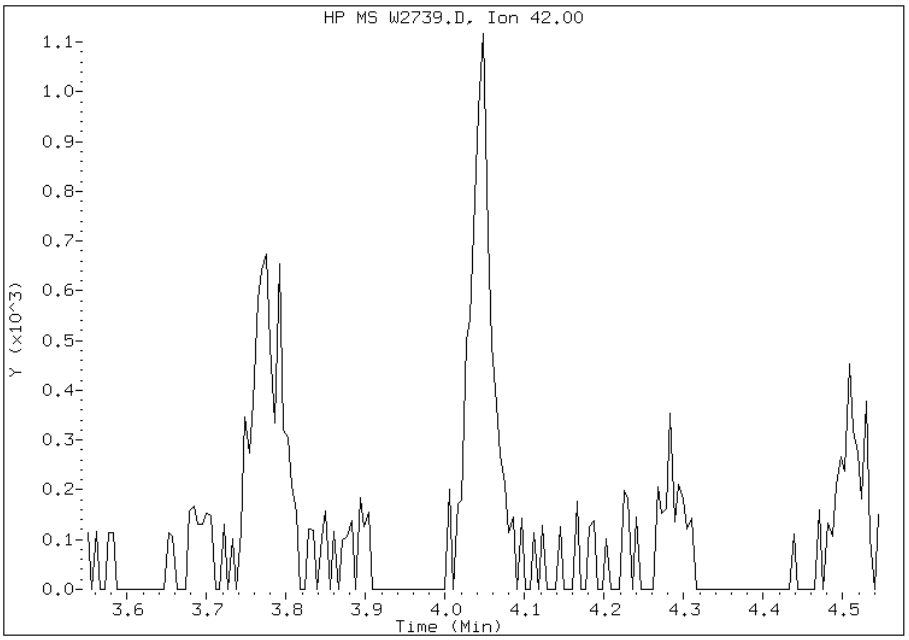
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.05



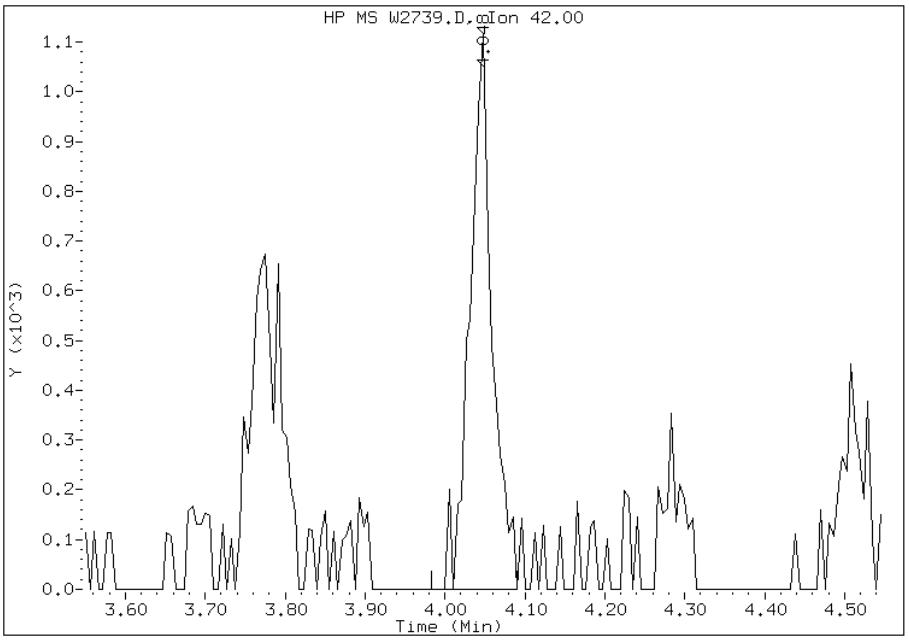
Manual Integration Results

RT: 4.05

Response: 2174

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

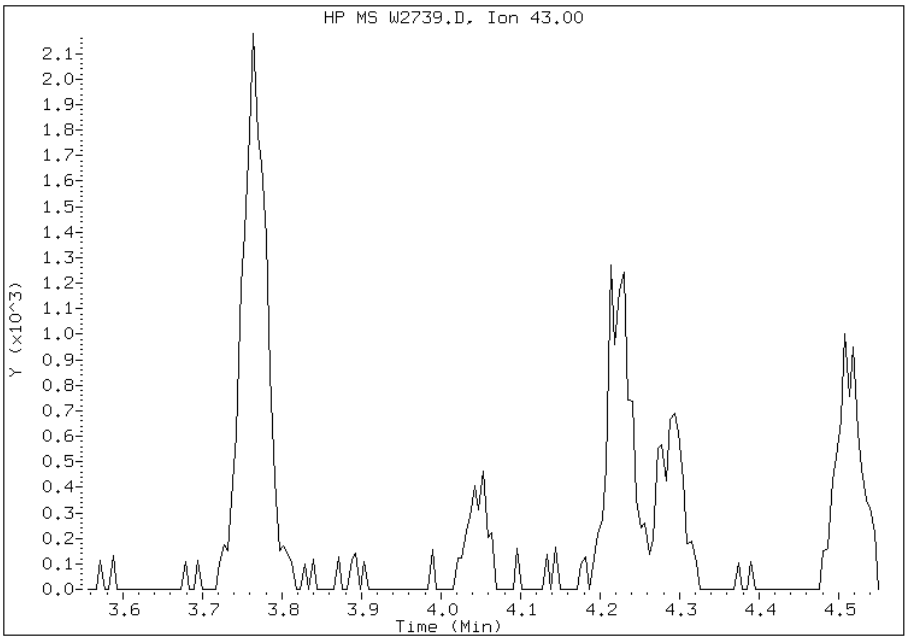
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.05



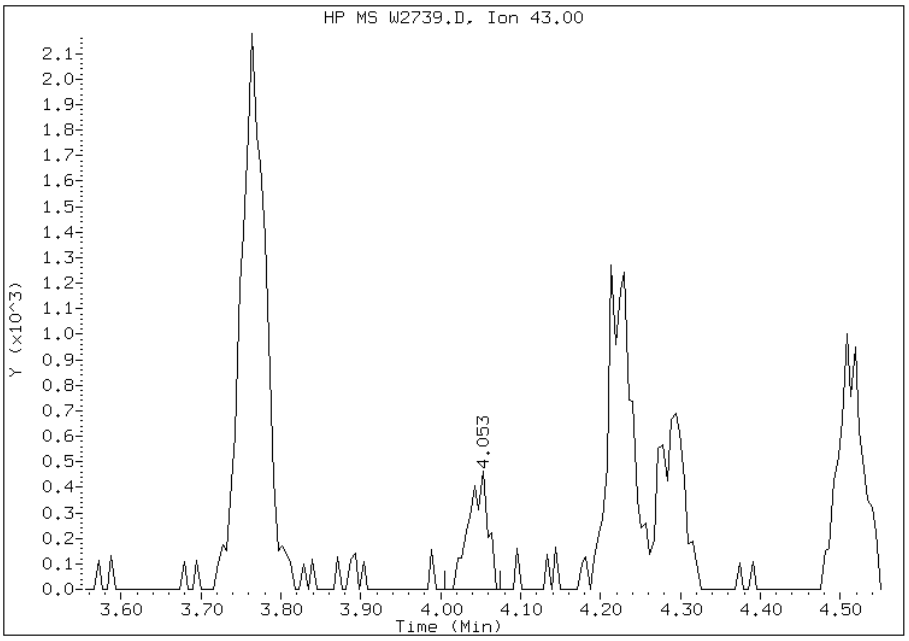
Manual Integration Results

RT: 4.05

Response: 759

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 27 Isopropyl ether
CAS #: 108-20-3
Report Date: 02/09/2009

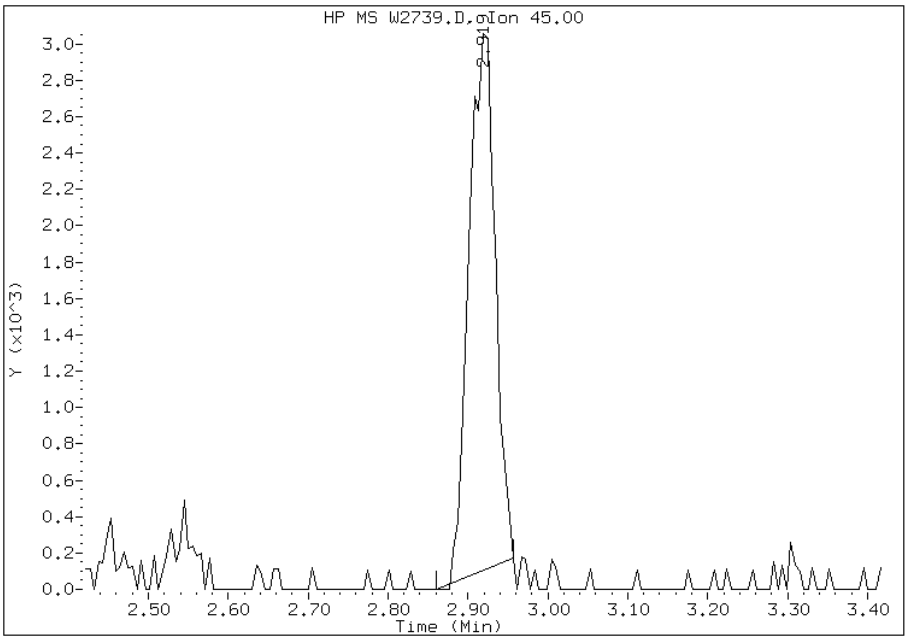
Processing Integration Results

RT: 2.92

Response: 6751

Amount: 0

Conc: 0



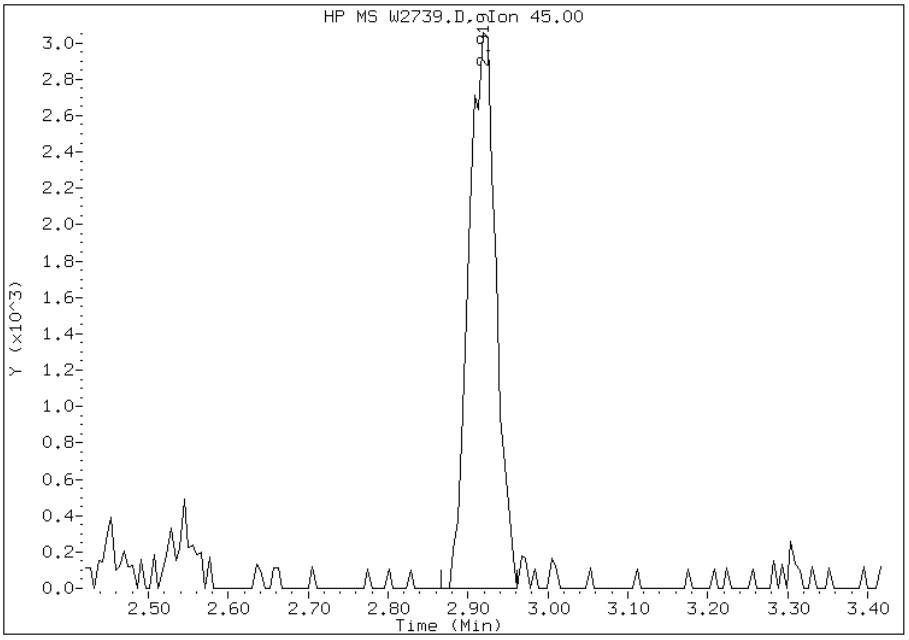
Manual Integration Results

RT: 2.92

Response: 7282

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

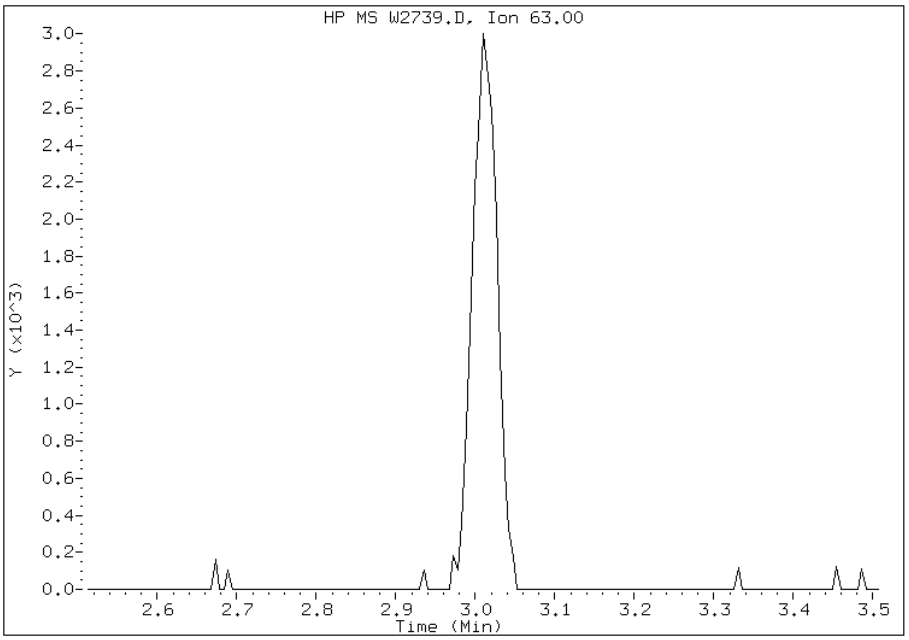
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 3.01



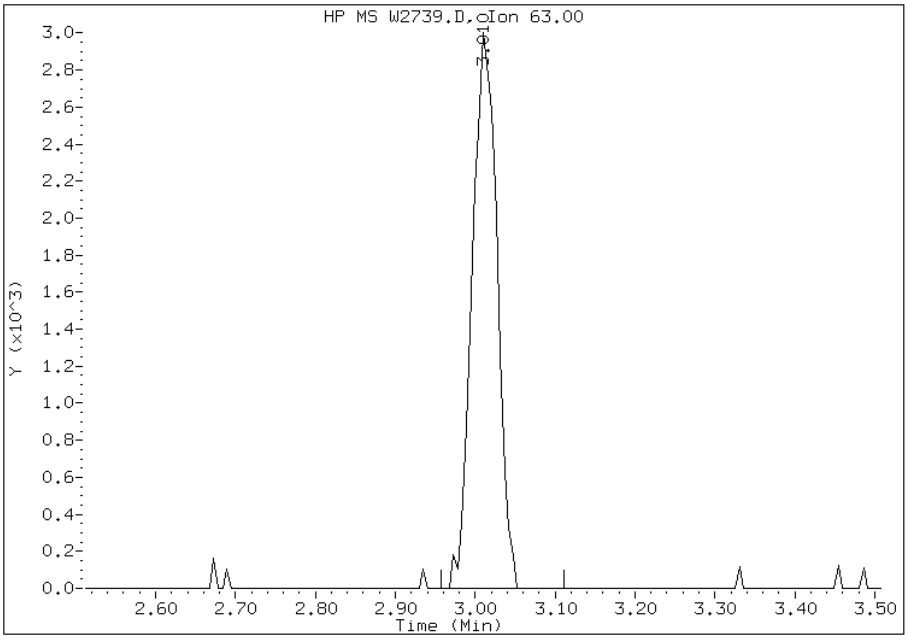
Manual Integration Results

RT: 3.01

Response: 6528

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

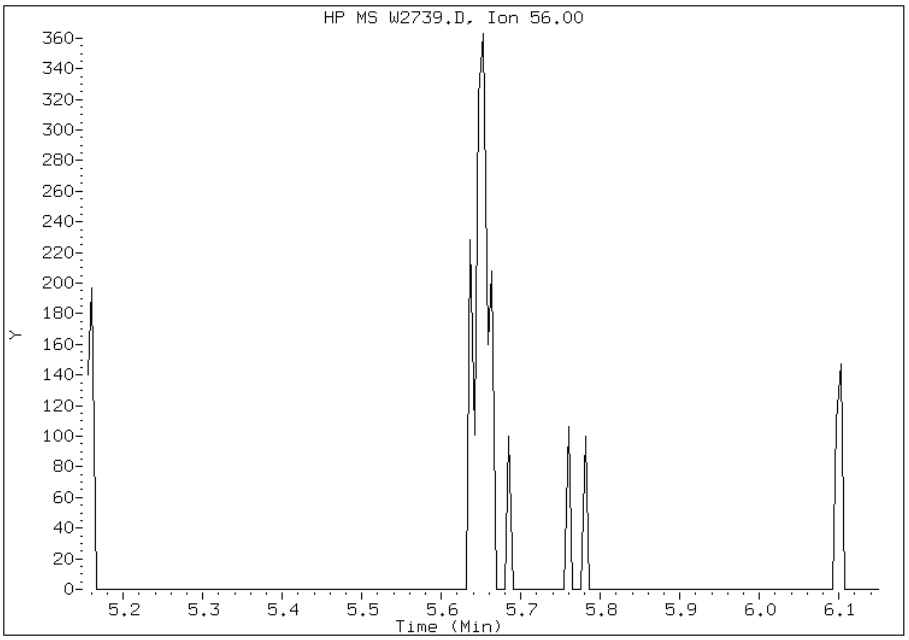
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 5.65



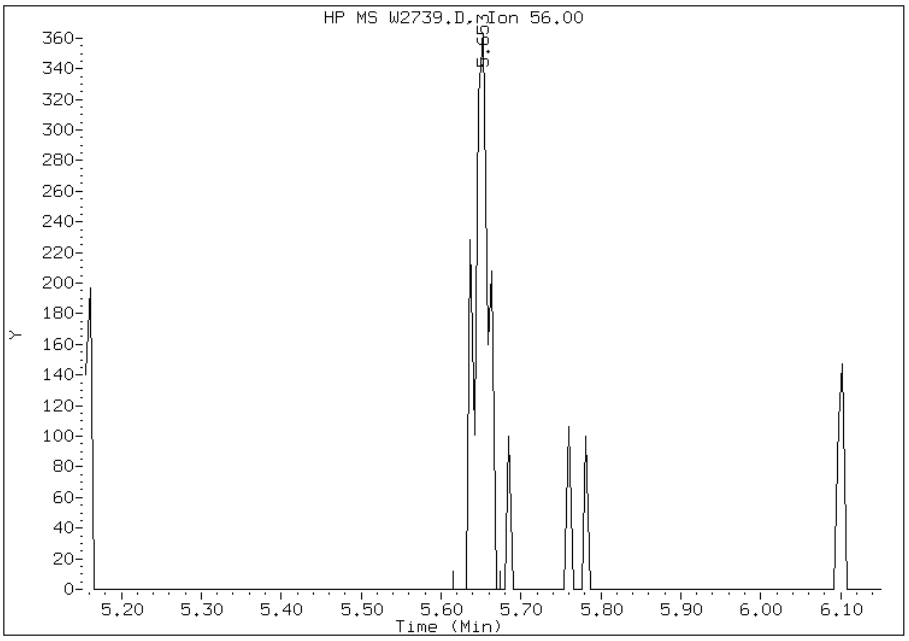
Manual Integration Results

RT: 5.65

Response: 443

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

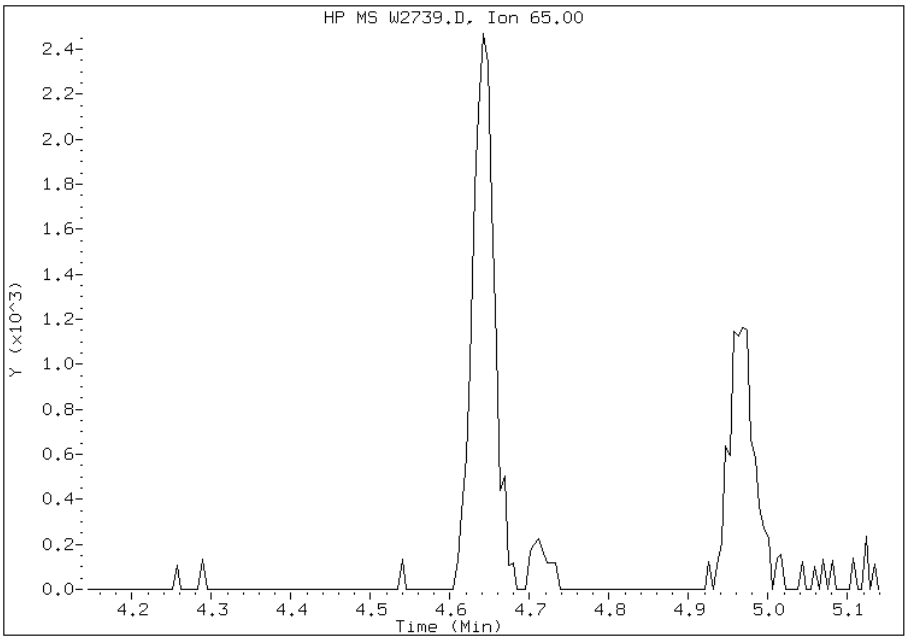
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 55 1,2-Dichloroethane-d4
CAS #: 17060-07-0
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.64



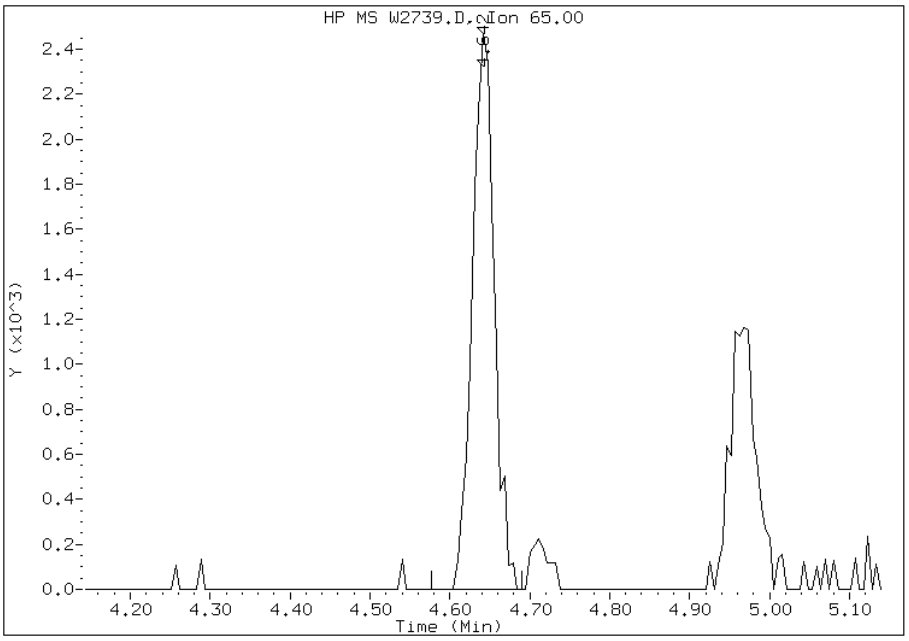
Manual Integration Results

RT: 4.64

Response: 4721

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

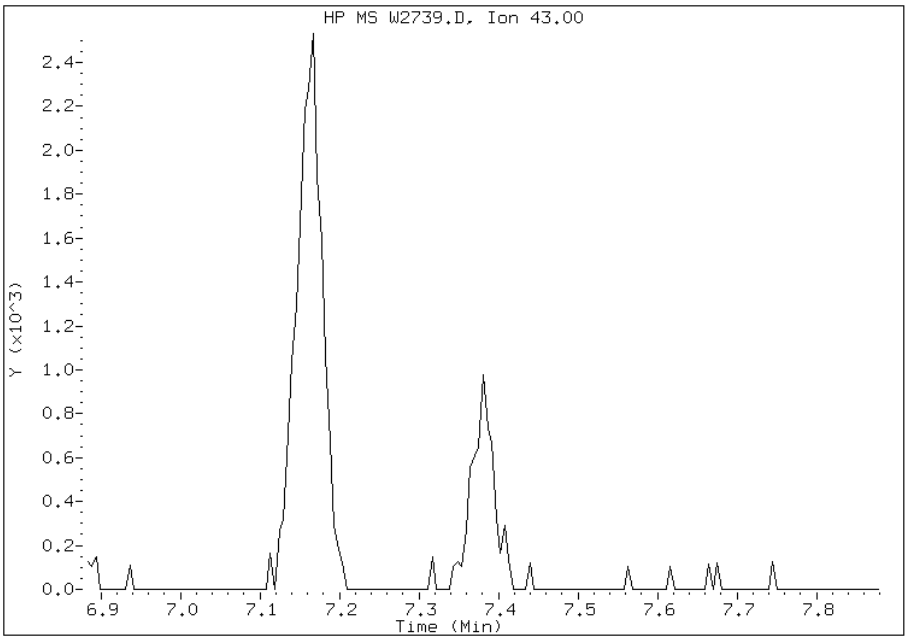
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 79 4-Methyl-2-Pentanone
CAS #: 108-10-1
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 7.38



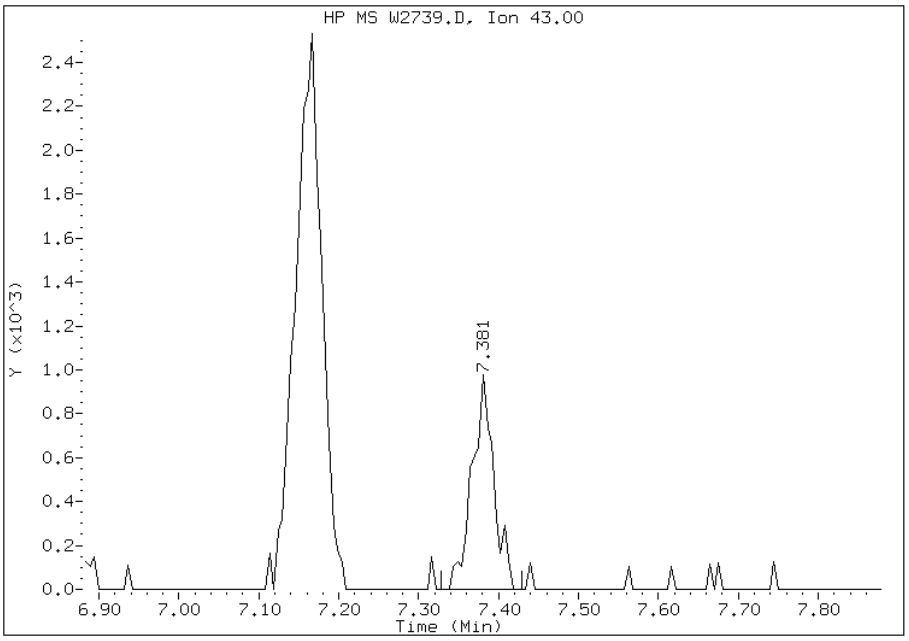
Manual Integration Results

RT: 7.38

Response: 1835

Amount: 3

Conc: 3



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 49 1-Chlorobutane
CAS #: 109-69-3
Report Date: 02/09/2009

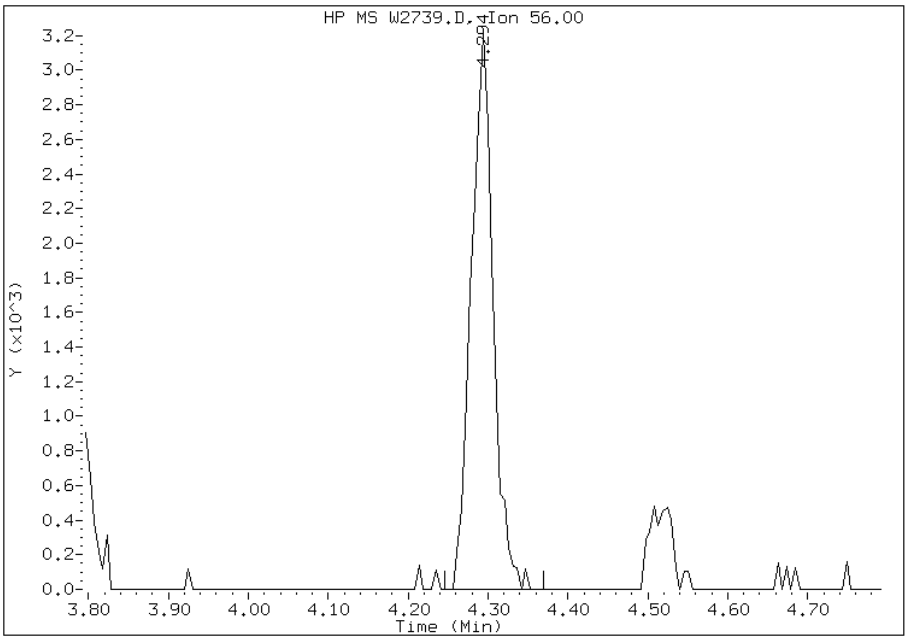
Processing Integration Results

RT: 4.29

Response: 6132

Amount: 0

Conc: 0



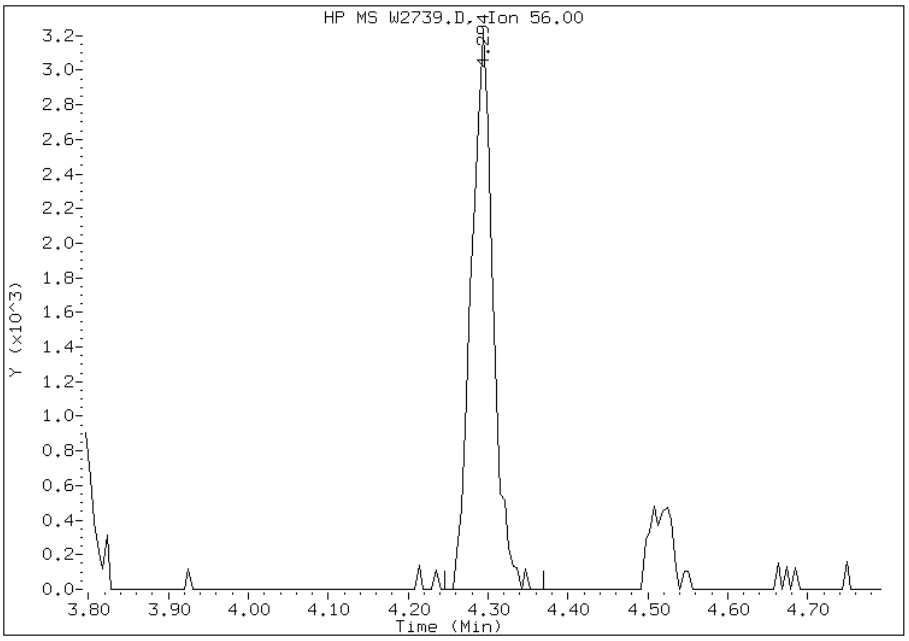
Manual Integration Results

RT: 4.29

Response: 6132

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

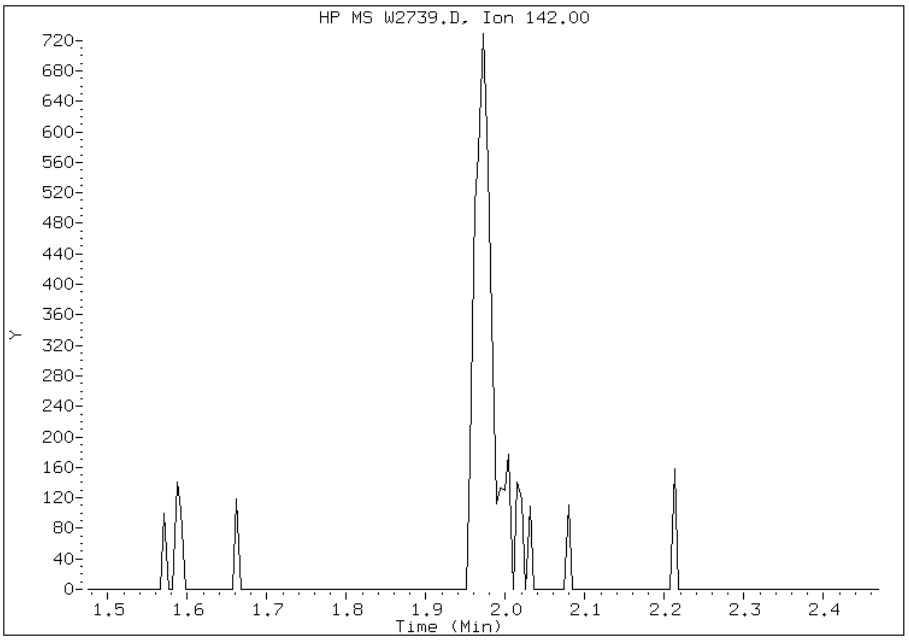
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 1.97



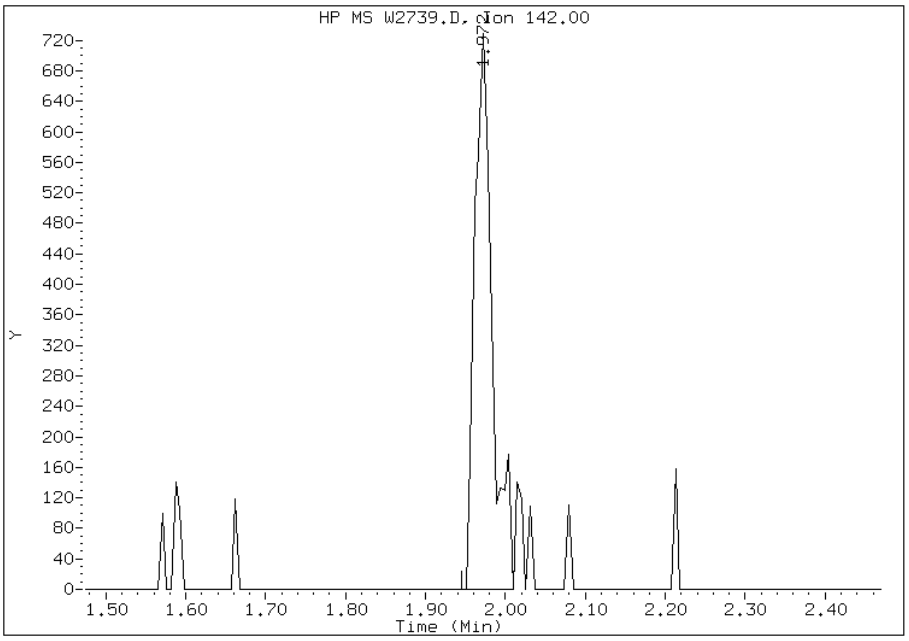
Manual Integration Results

RT: 1.97

Response: 1104

Amount: 4

Conc: 4



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

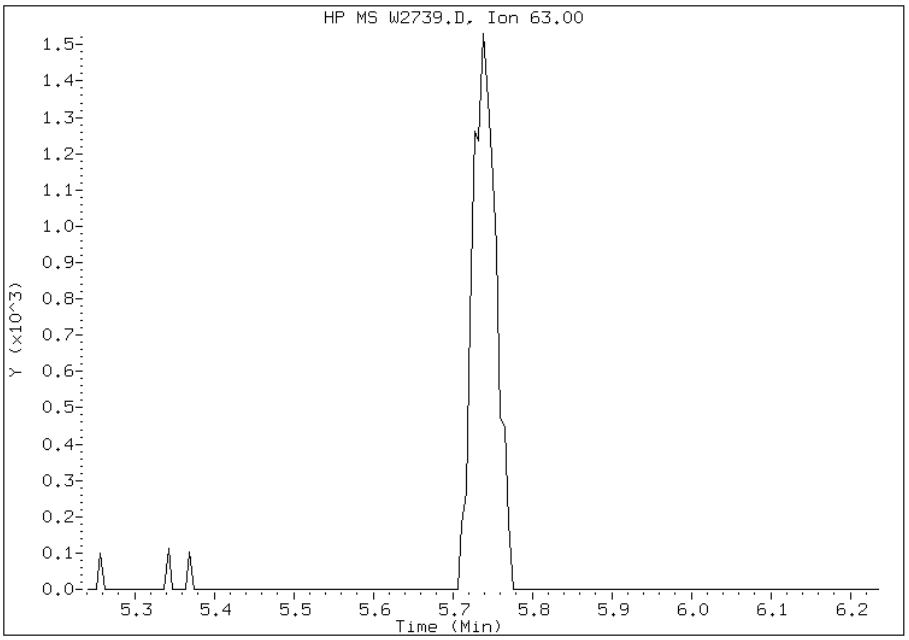
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 64 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 5.74



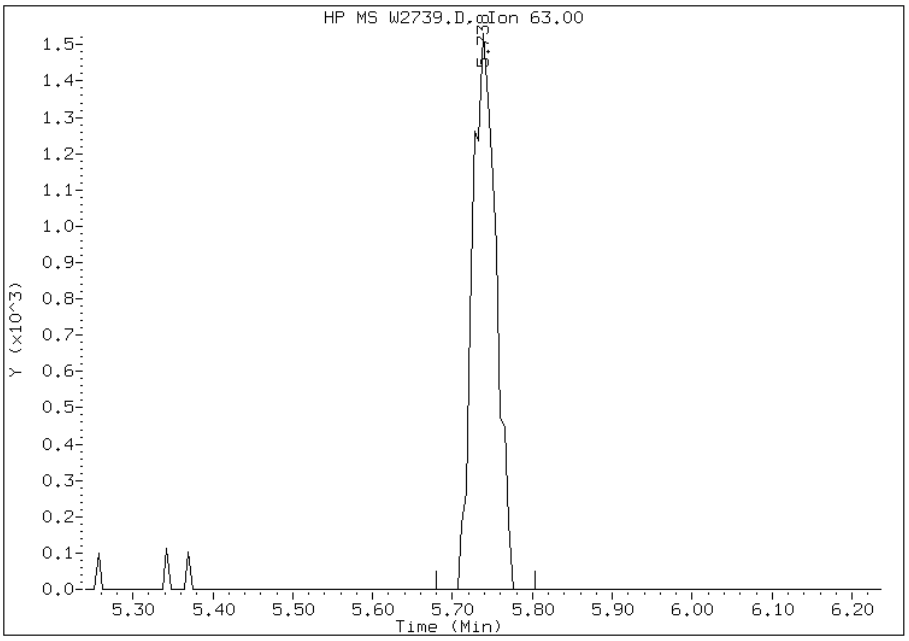
Manual Integration Results

RT: 5.74

Response: 3145

Amount: 0

Conc: 0



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

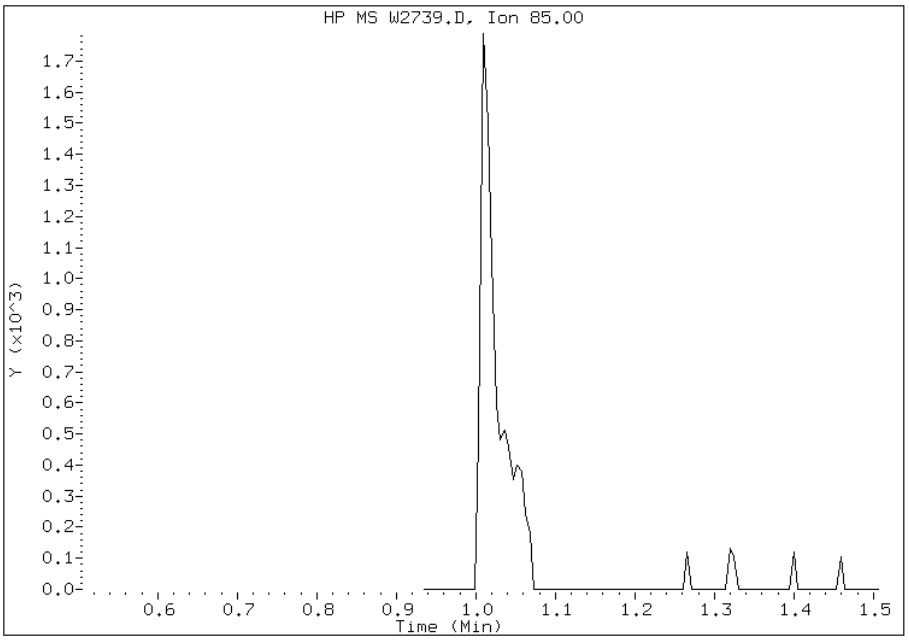
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 1.01



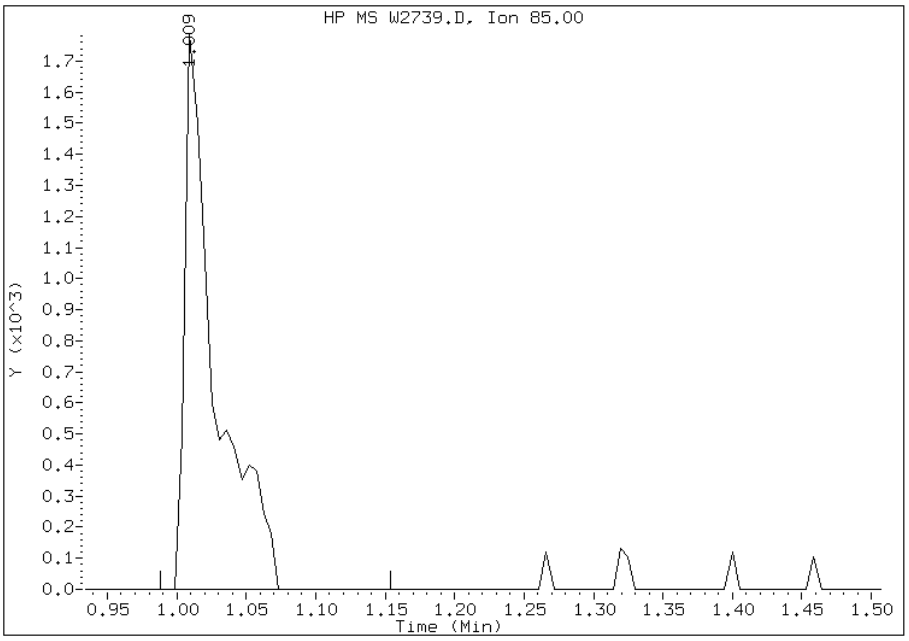
Manual Integration Results

RT: 1.01

Response: 2708

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

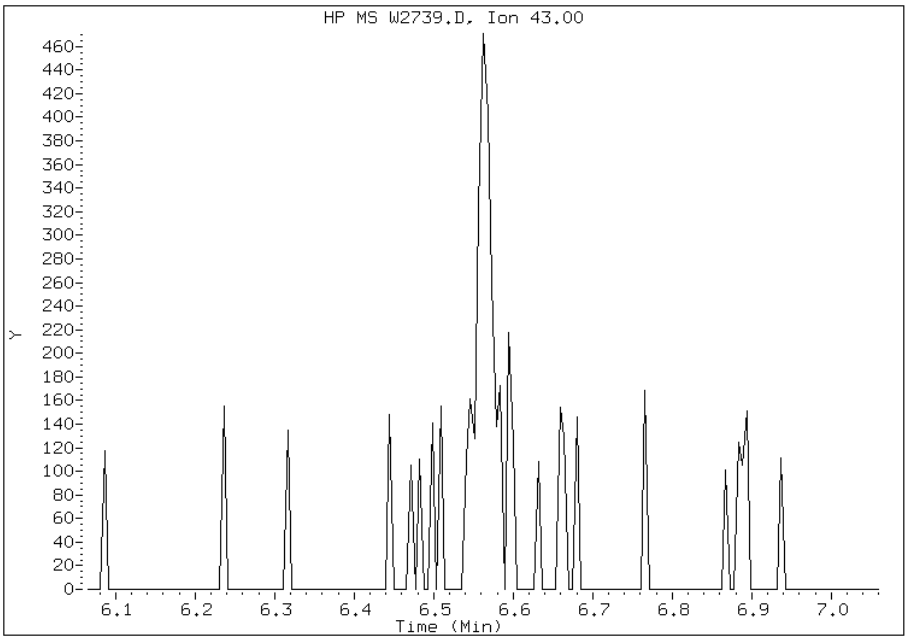
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 6.56



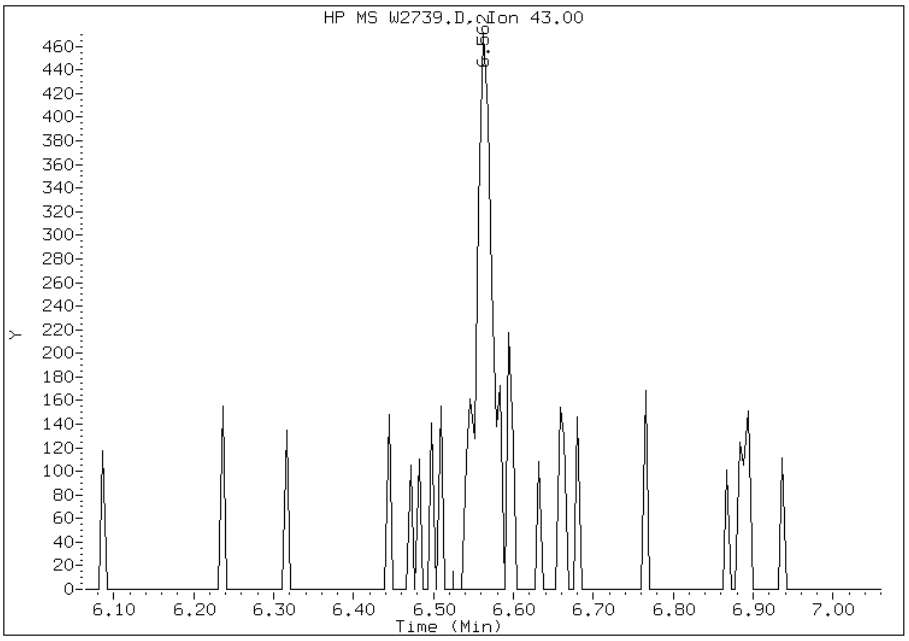
Manual Integration Results

RT: 6.56

Response: 695

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

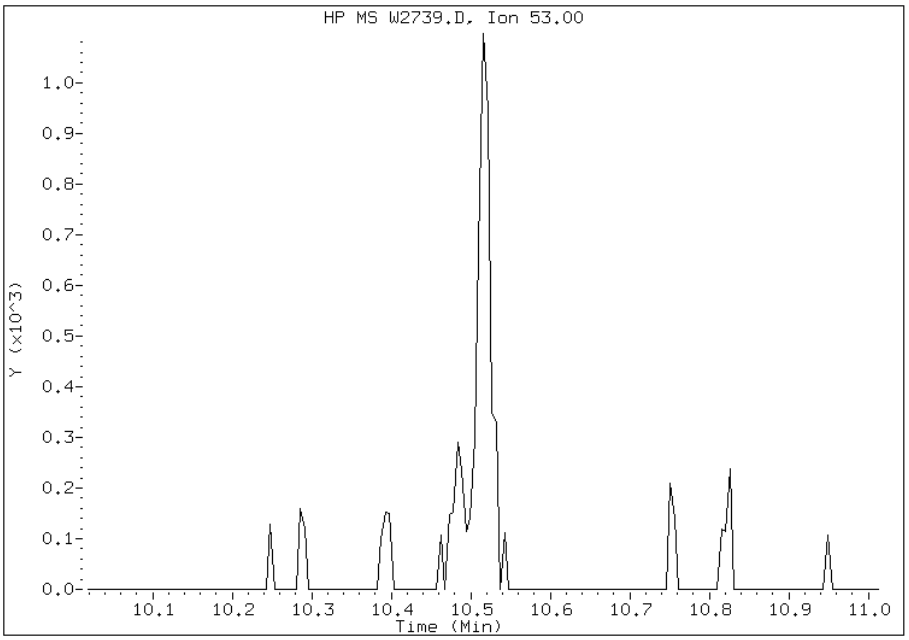
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 10.52



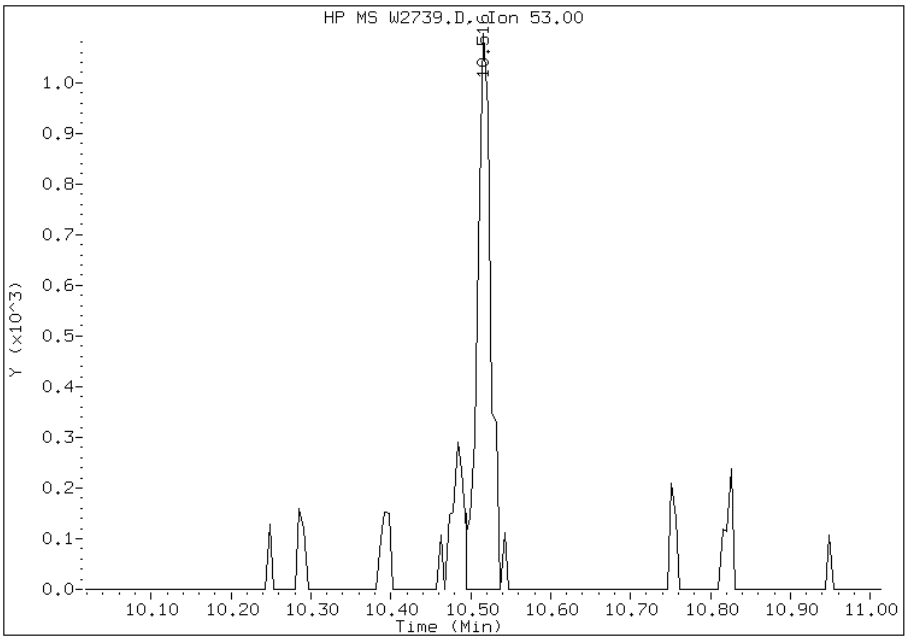
Manual Integration Results

RT: 10.52

Response: 1267

Amount: 4

Conc: 4



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/09/2009

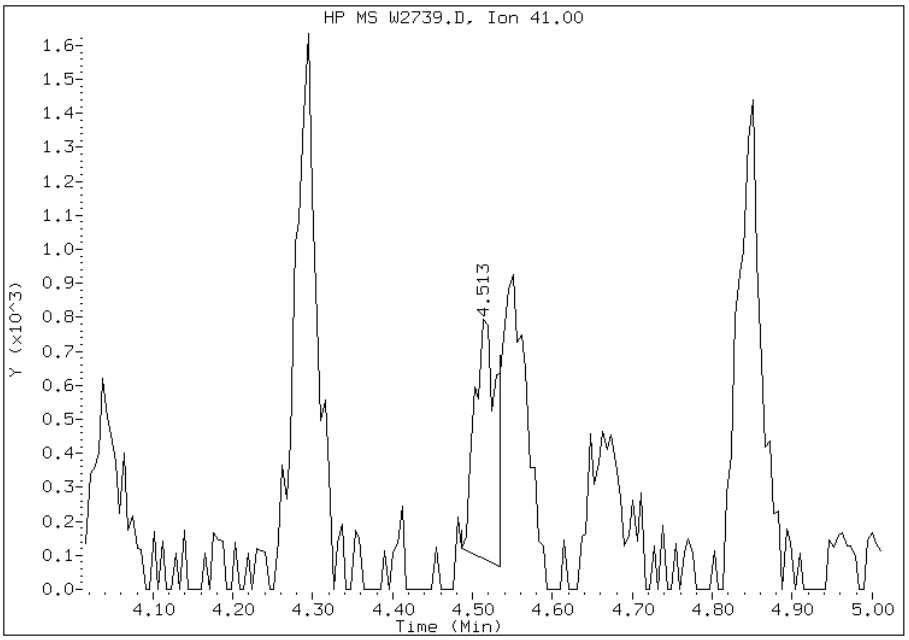
Processing Integration Results

RT: 4.51

Response: 1361

Amount: 0

Conc: 0



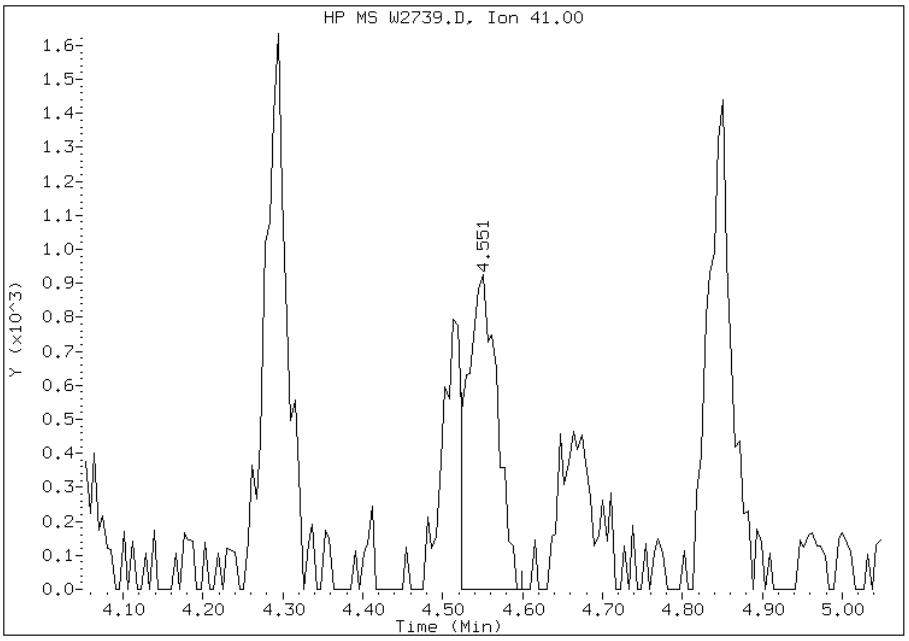
Manual Integration Results

RT: 4.55

Response: 2402

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

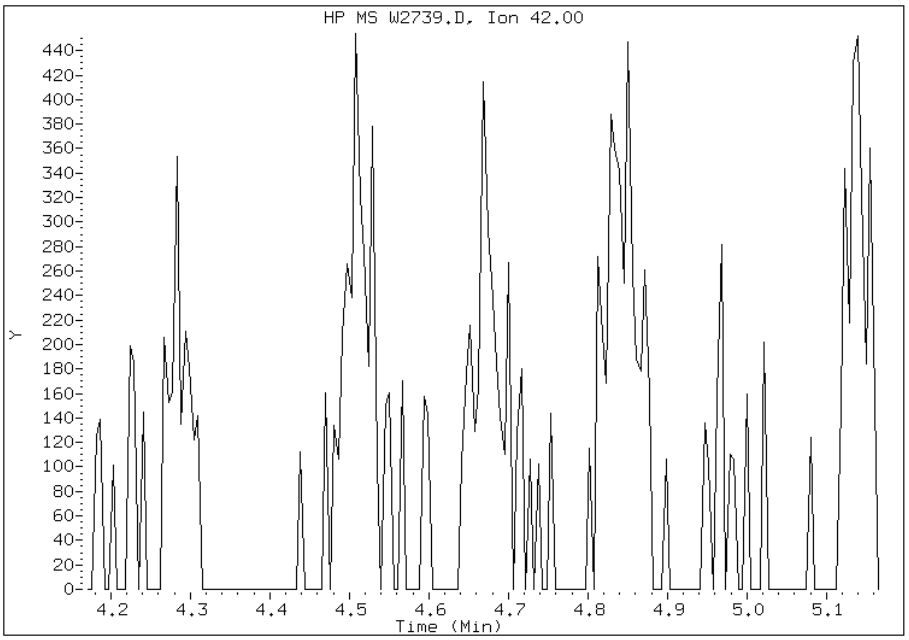
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.67



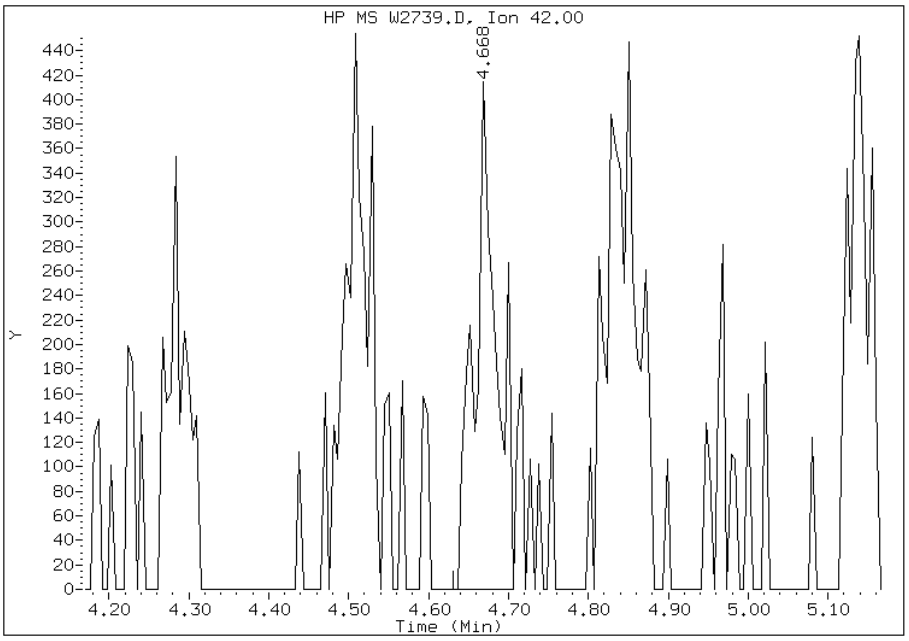
Manual Integration Results

RT: 4.67

Response: 787

Amount: 3

Conc: 3



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

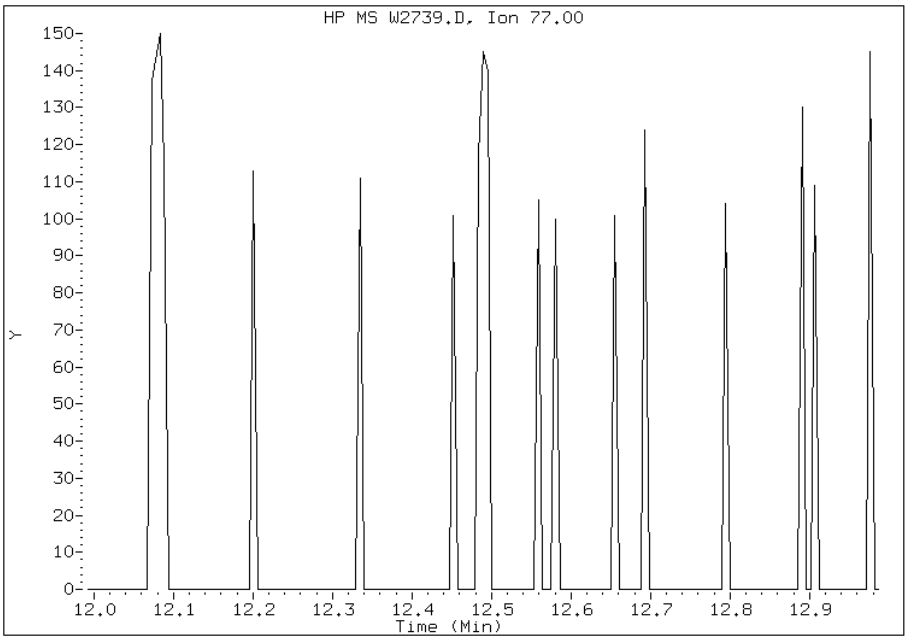
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 120 Nitrobenzene
CAS #: 98-95-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.49



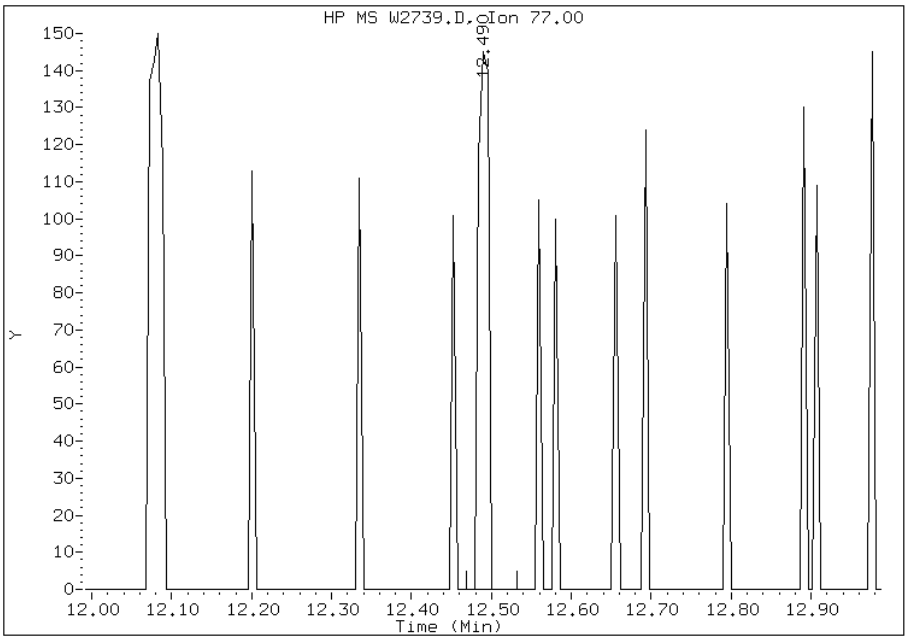
Manual Integration Results

RT: 12.49

Response: 129

Amount: 25

Conc: 25



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

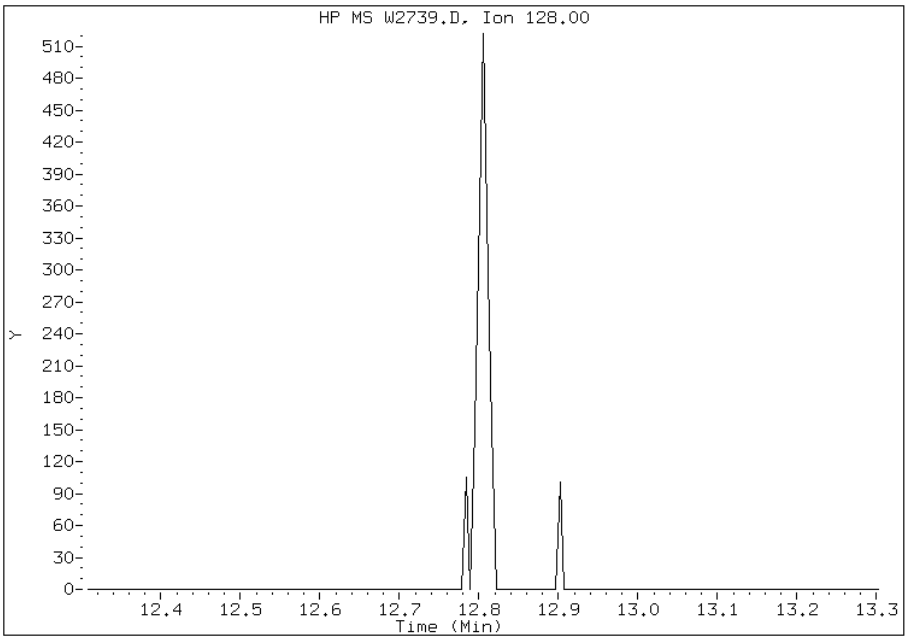
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 123 Naphthalene
CAS #: 91-20-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.81



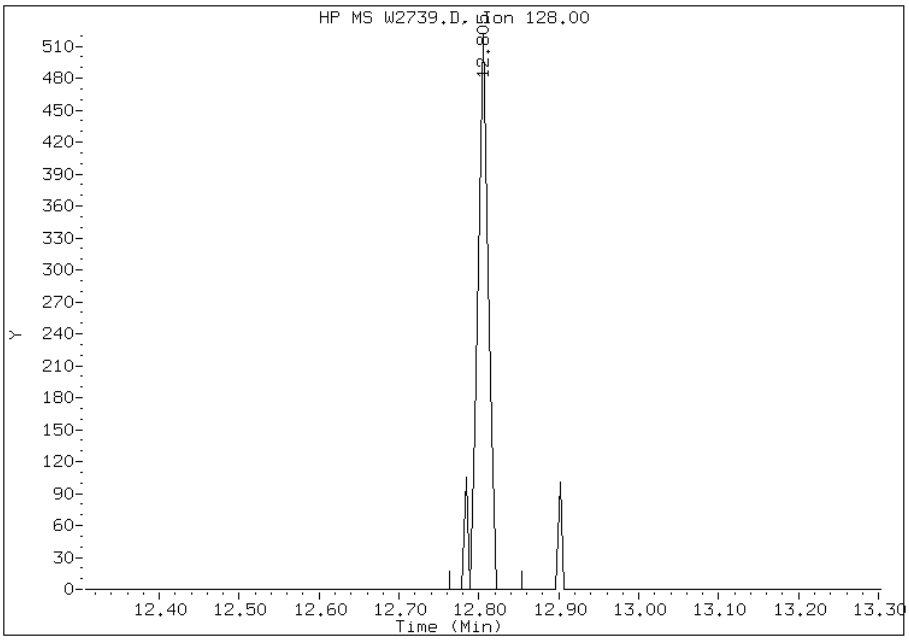
Manual Integration Results

RT: 12.81

Response: 492

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

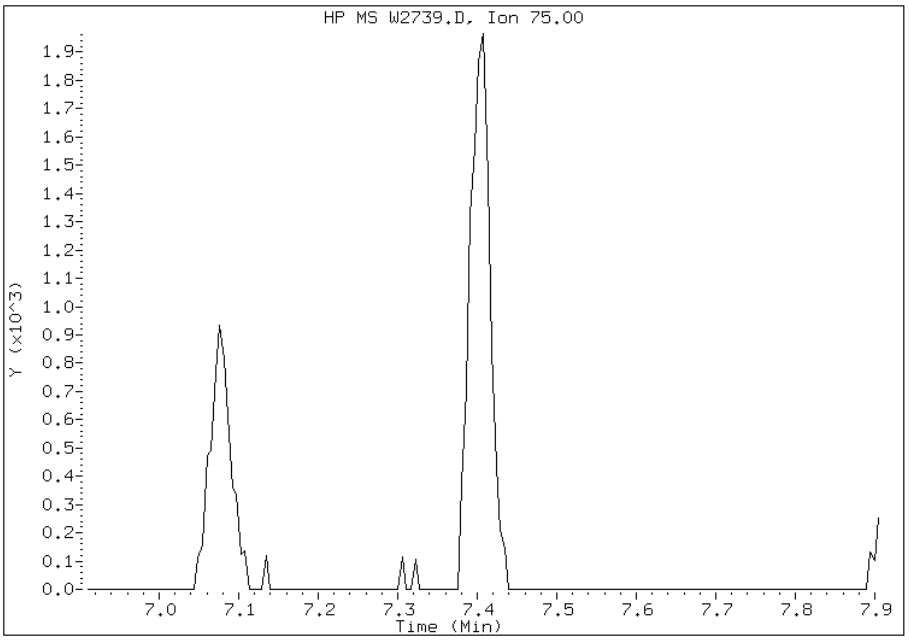
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 73 trans-1,3-Dichloropropene
CAS #: 10061-02-6
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 7.41



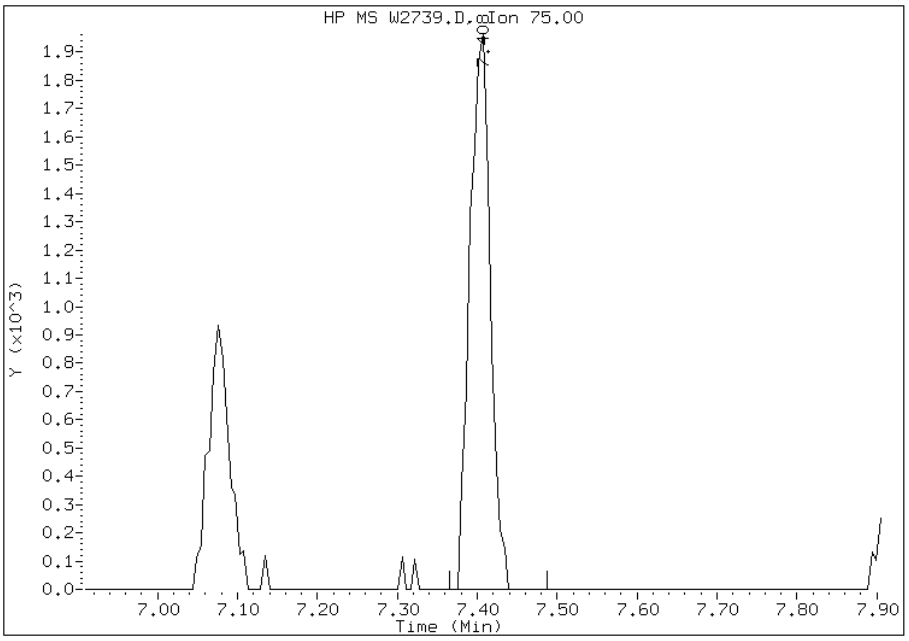
Manual Integration Results

RT: 7.41

Response: 3492

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

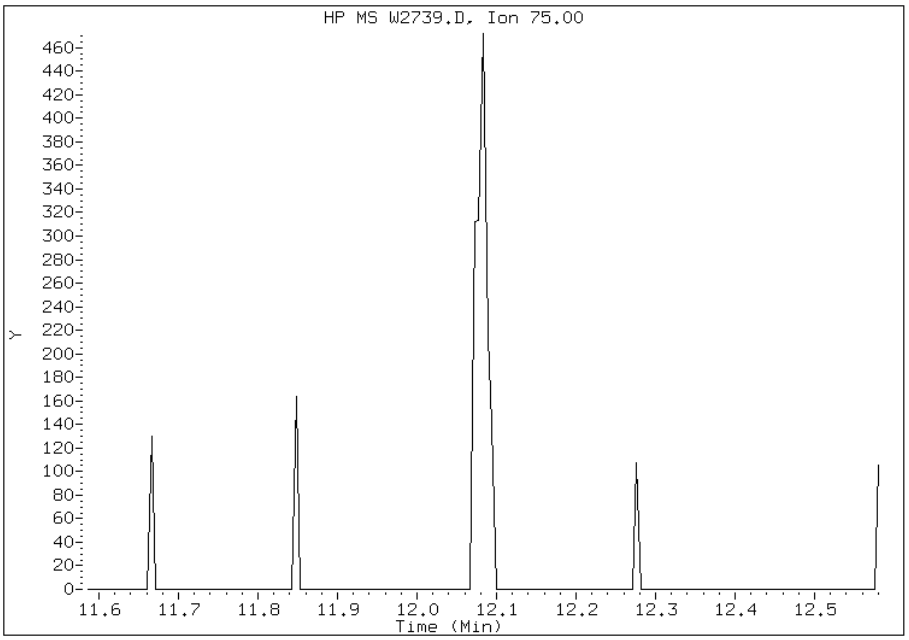
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 119 1,2-Dibromo-3-chloropropane
CAS #: 96-12-8
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.08



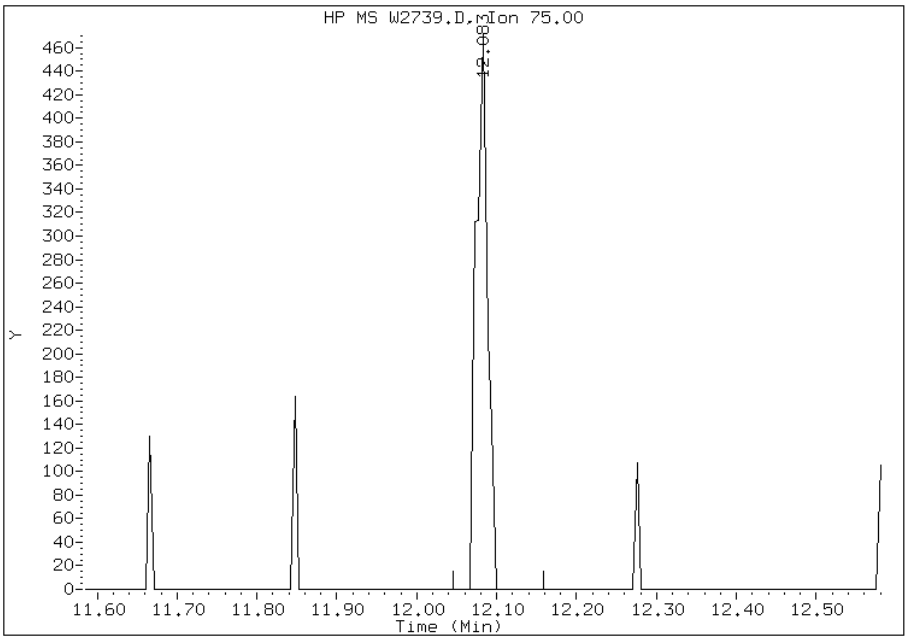
Manual Integration Results

RT: 12.08

Response: 466

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

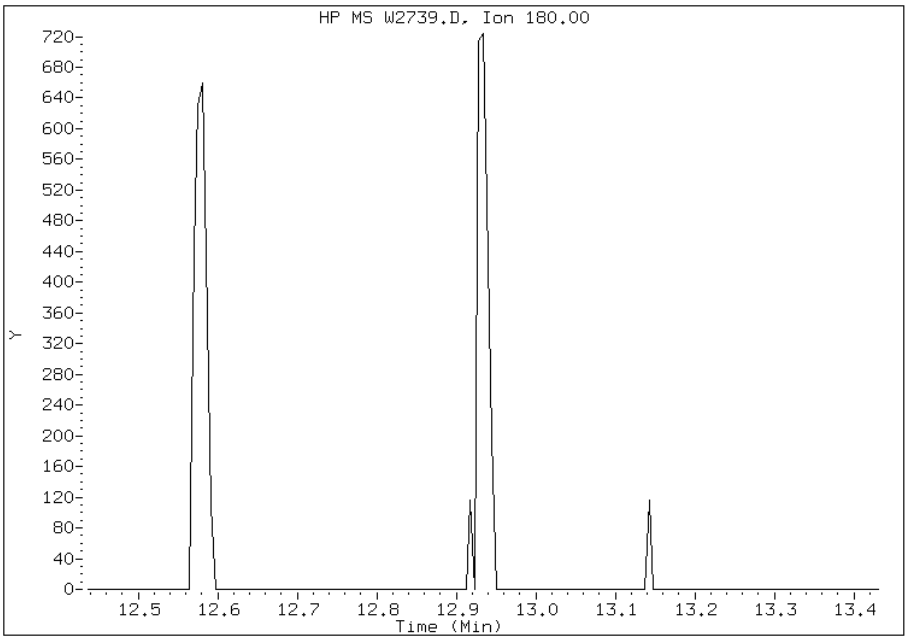
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 124 1,2,3-Trichlorobenzene
CAS #: 87-61-6
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.93



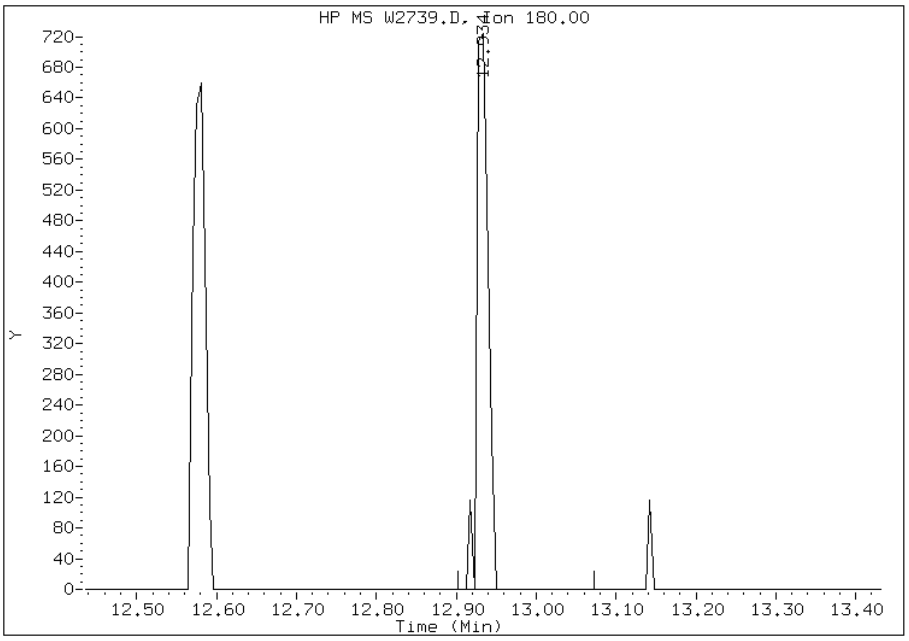
Manual Integration Results

RT: 12.93

Response: 701

Amount: 3

Conc: 3



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

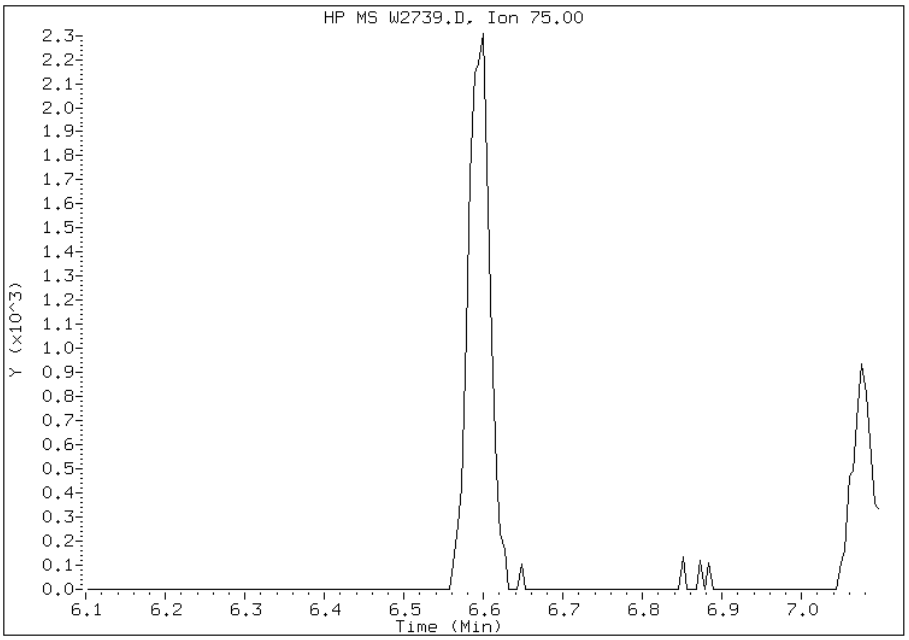
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 70 cis-1,3-Dichloropropene
CAS #: 10061-01-5
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 6.60



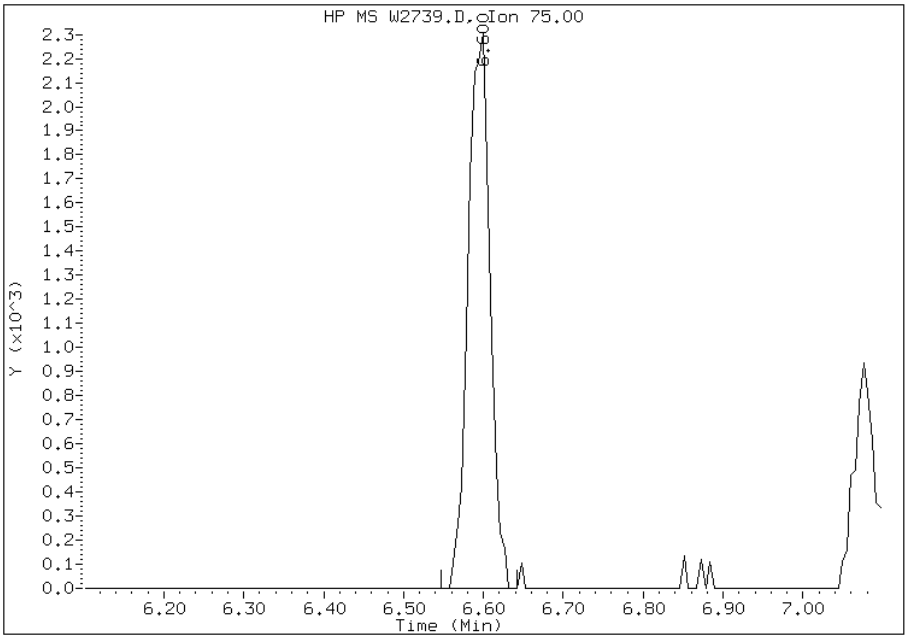
Manual Integration Results

RT: 6.60

Response: 4404

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

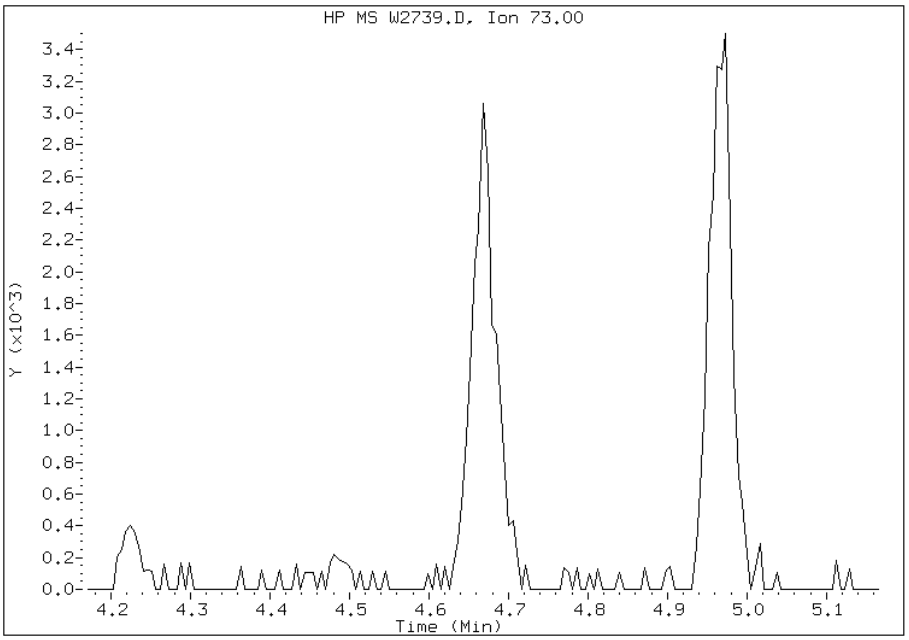
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 47 tert-Amyl methyl ether
CAS #: 994-05-8
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.67



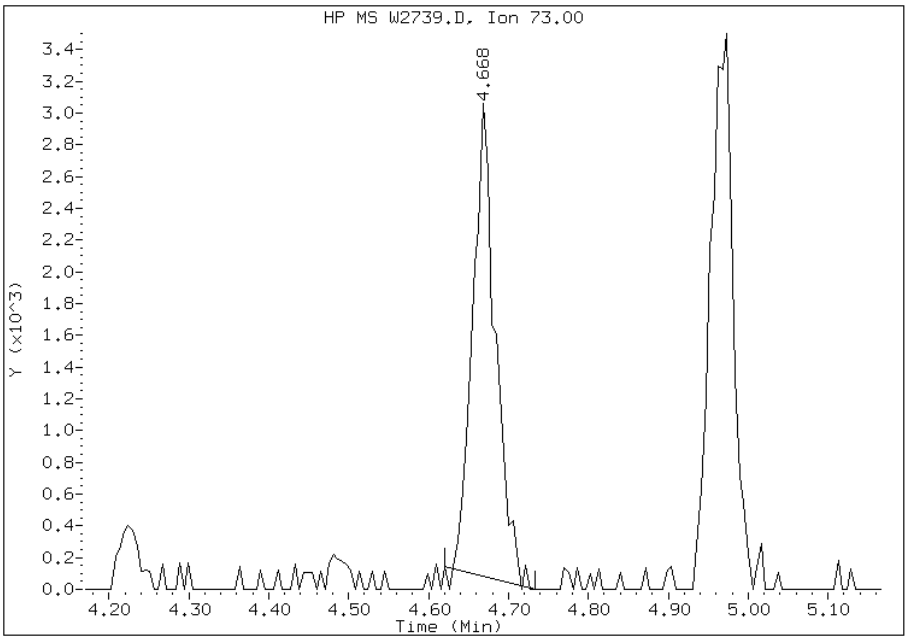
Manual Integration Results

RT: 4.67

Response: 5888

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/09/2009

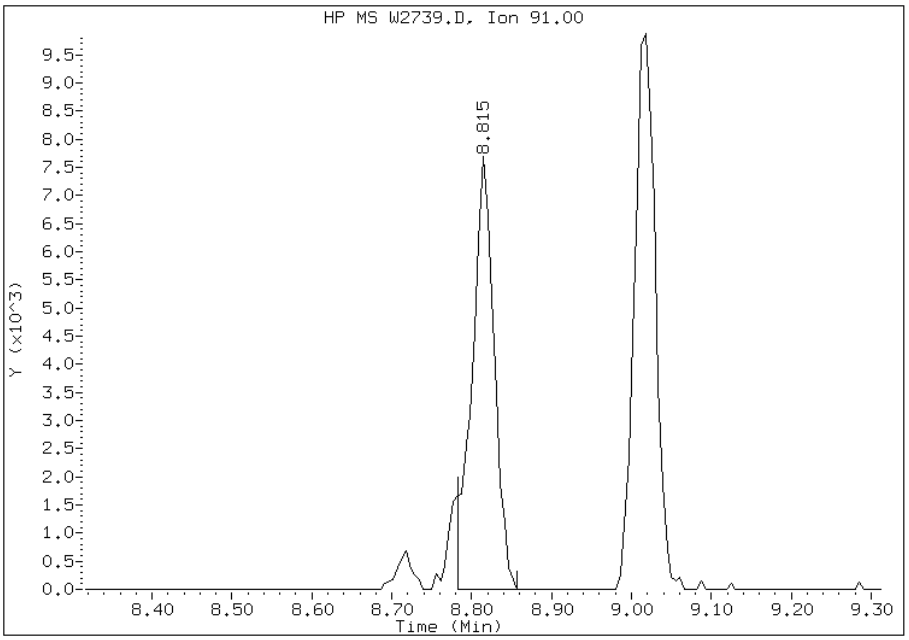
Processing Integration Results

RT: 8.81

Response: 14936

Amount: 3

Conc: 3



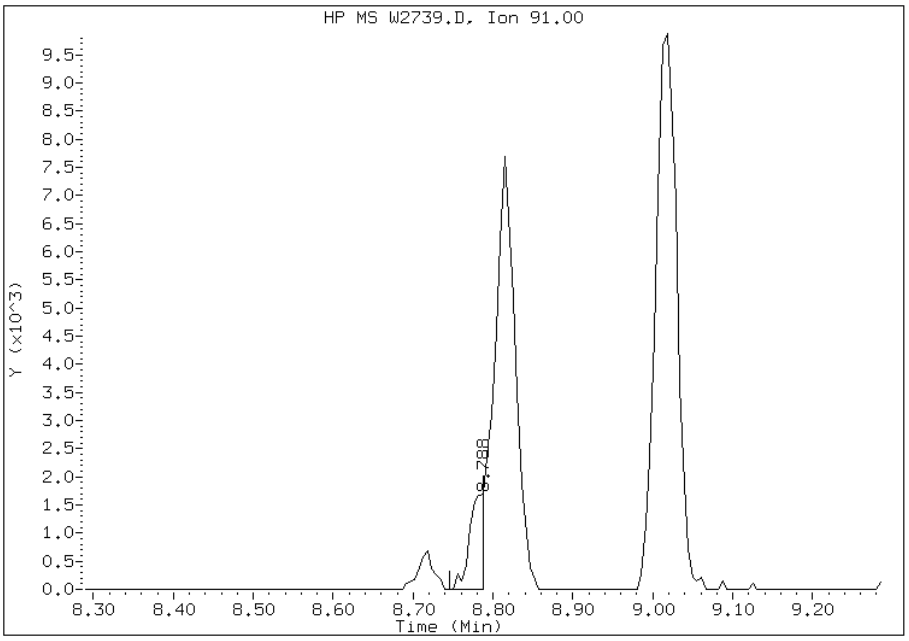
Manual Integration Results

RT: 8.79

Response: 2226

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

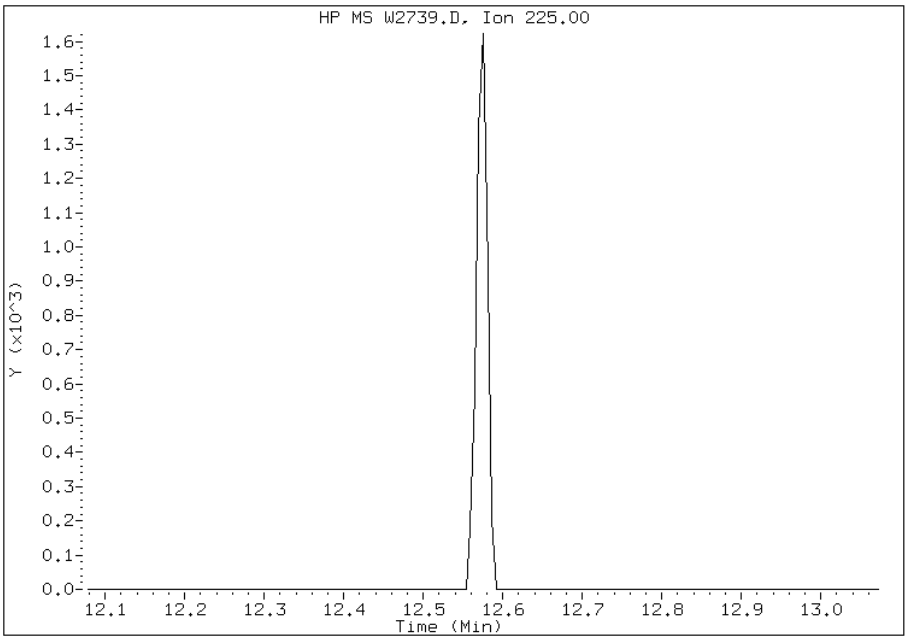
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 122 Hexachlorobutadiene
CAS #: 87-68-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.58



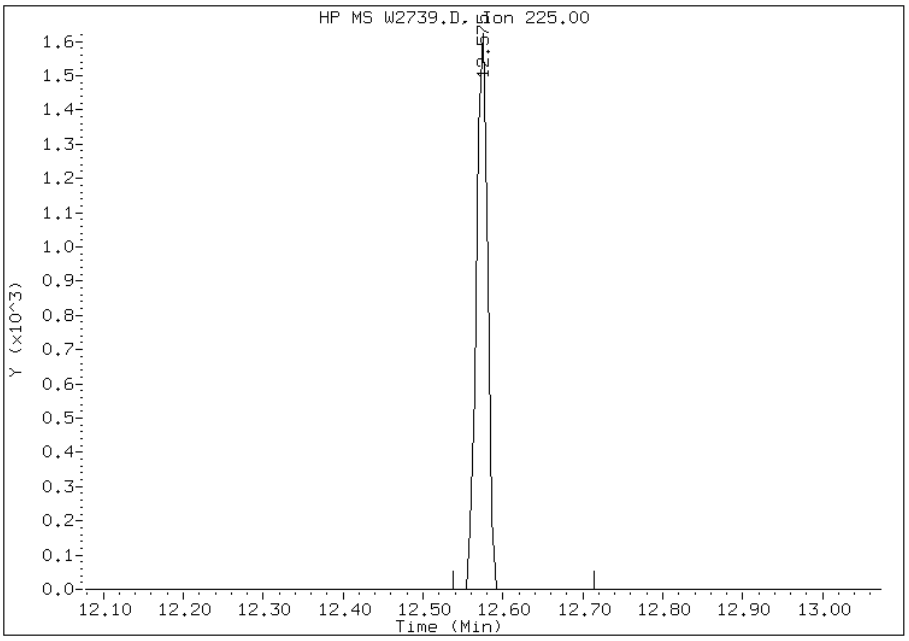
Manual Integration Results

RT: 12.58

Response: 1561

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

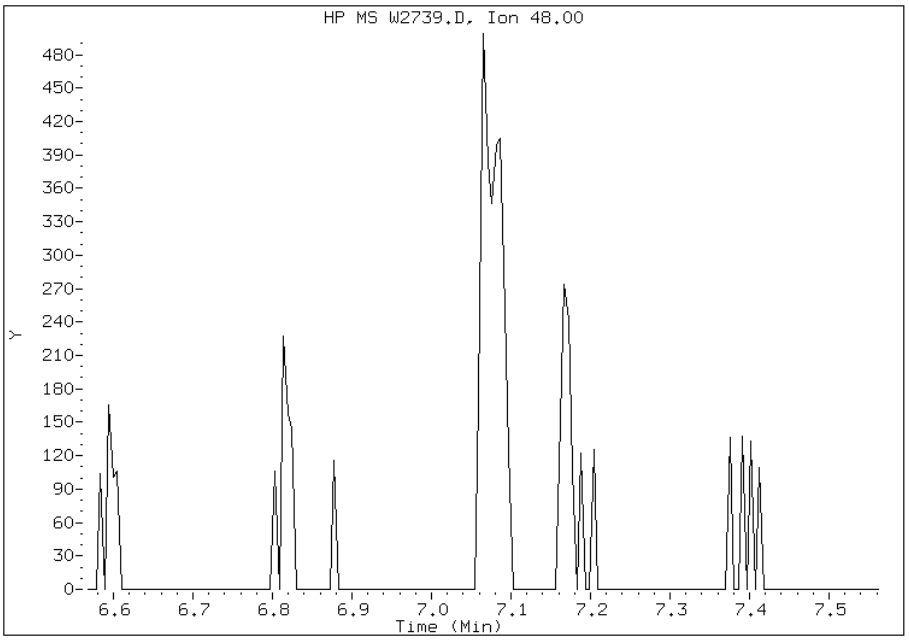
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 7.07



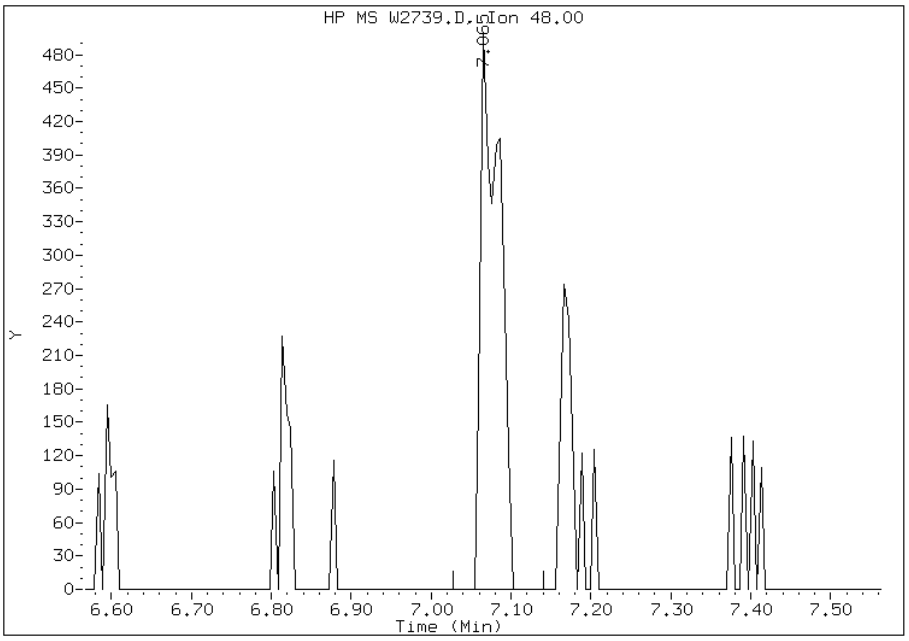
Manual Integration Results

RT: 7.07

Response: 827

Amount: 21

Conc: 21



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 30 Acrylonitrile
CAS #: 107-13-1
Report Date: 02/09/2009

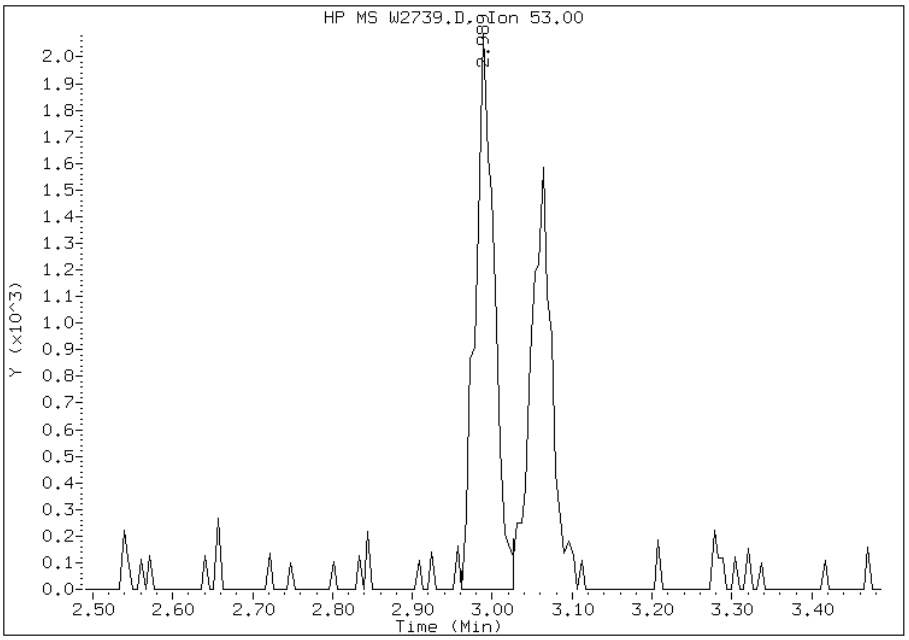
Processing Integration Results

RT: 2.99

Response: 3419

Amount: 1

Conc: 1



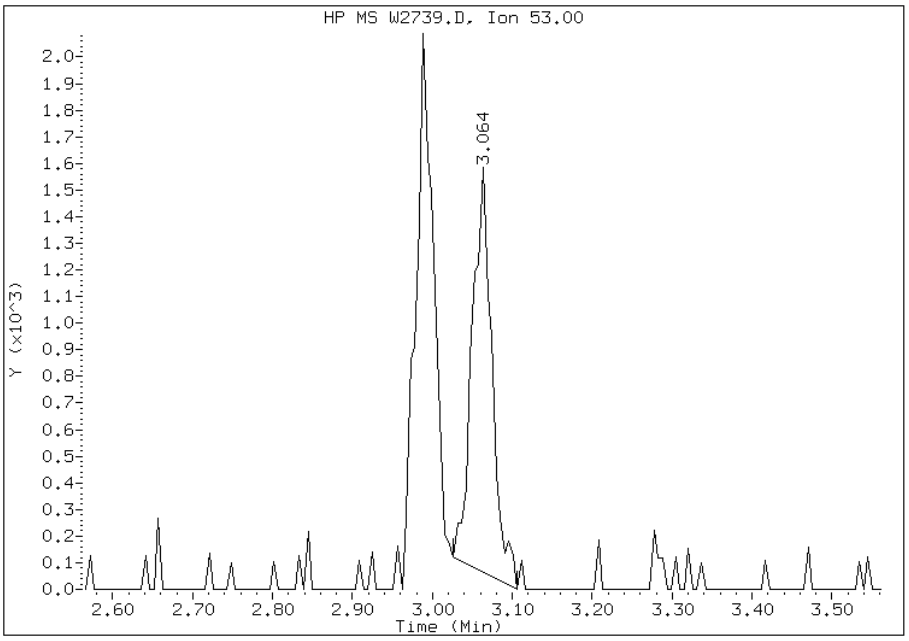
Manual Integration Results

RT: 3.06

Response: 2596

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/09/2009

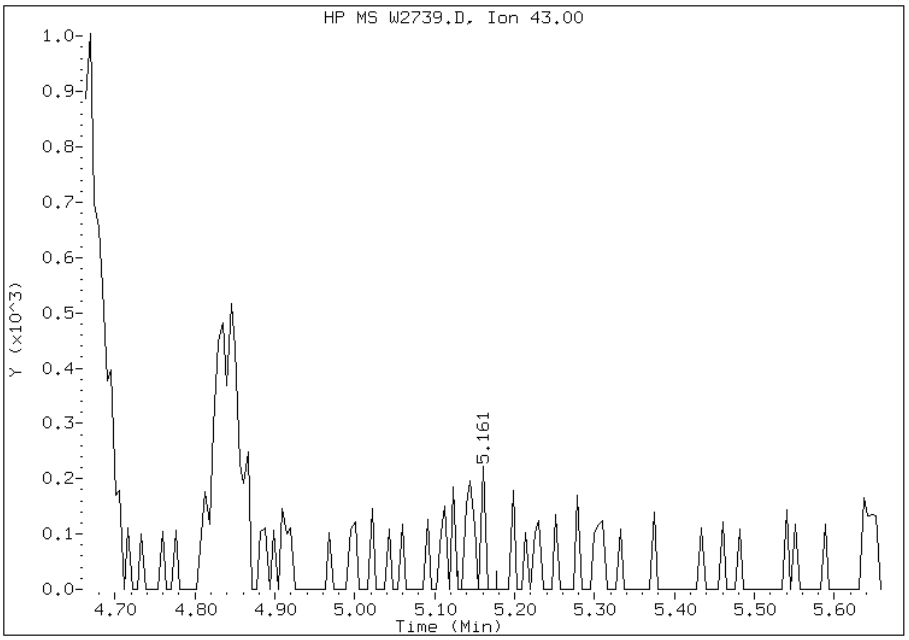
Processing Integration Results

RT: 5.16

Response: 220

Amount: 3

Conc: 3



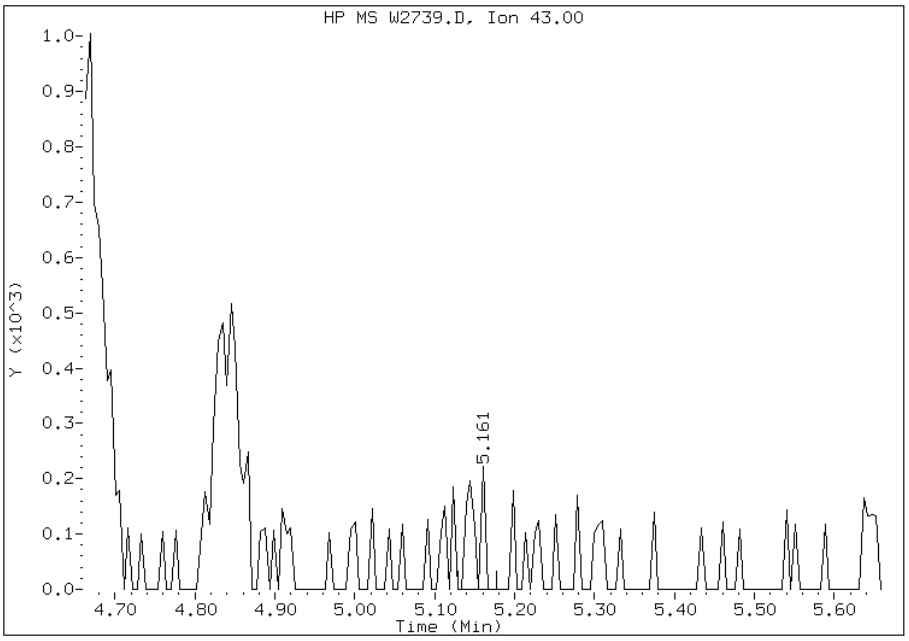
Manual Integration Results

RT: 5.16

Response: 220

Amount: 3

Conc: 3



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 02/09/2009

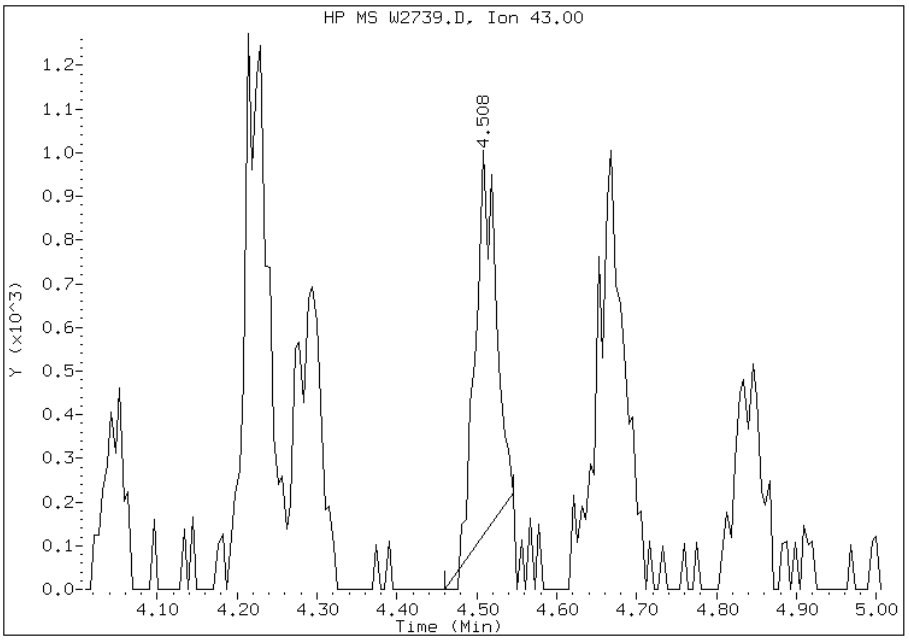
Processing Integration Results

RT: 4.51

Response: 1521

Amount: 2

Conc: 2



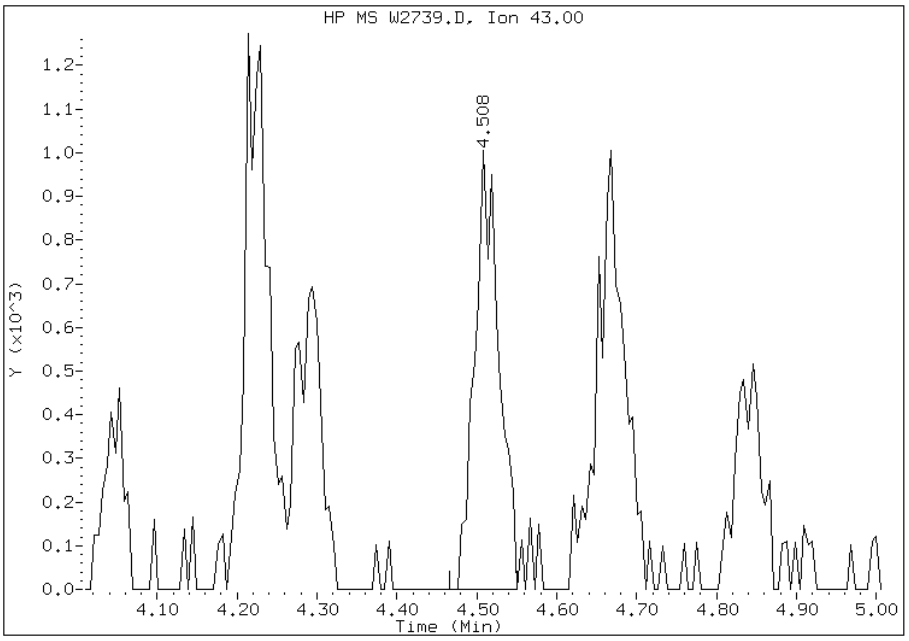
Manual Integration Results

RT: 4.51

Response: 2121

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

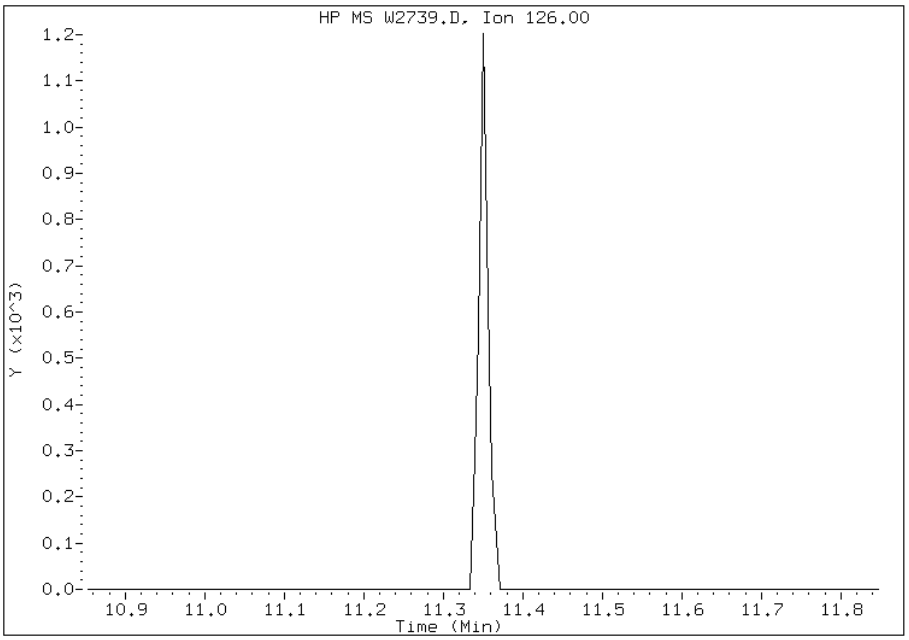
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 113 Benzyl Chloride
CAS #: 100-44-7
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 11.35



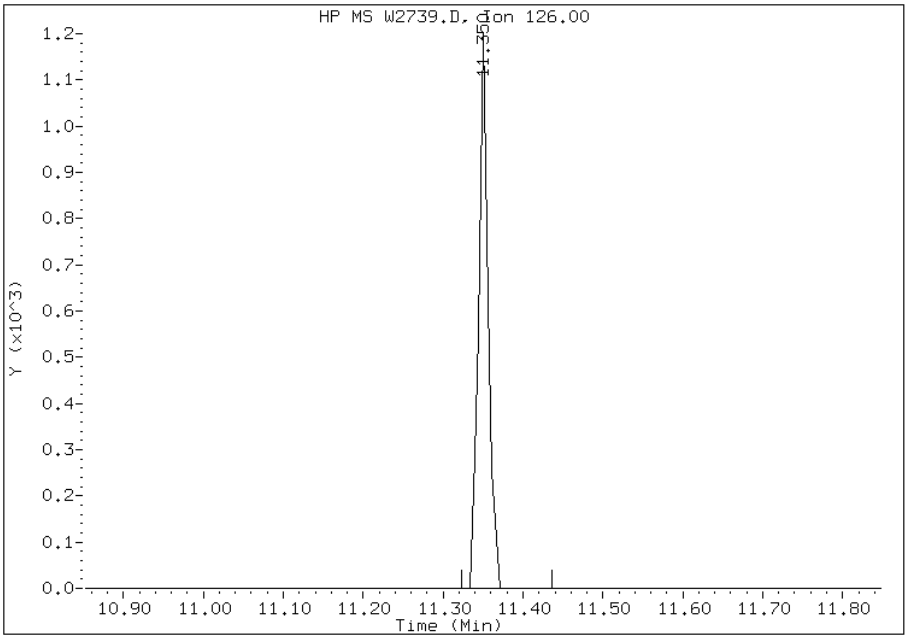
Manual Integration Results

RT: 11.35

Response: 971

Amount: 2

Conc: 2



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

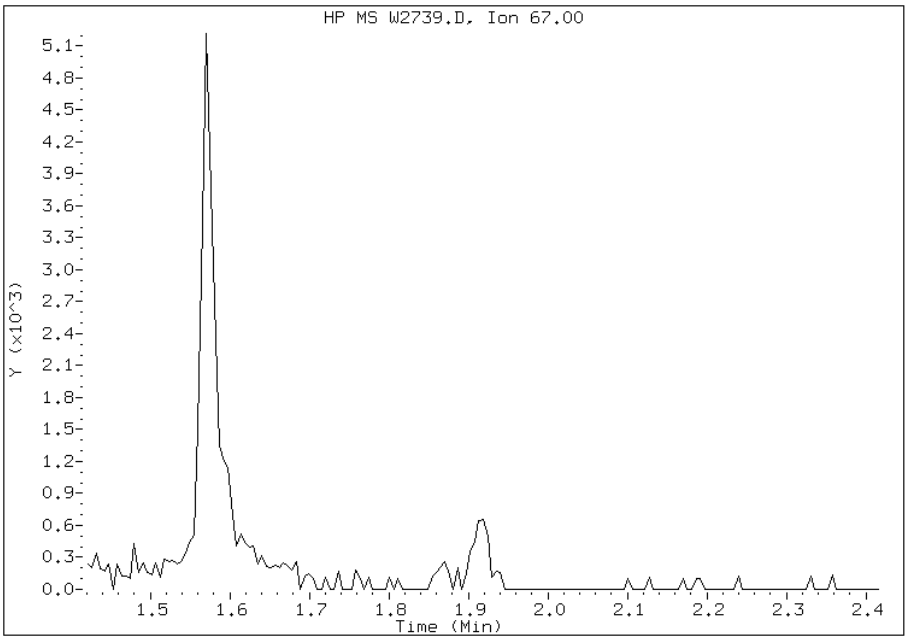
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 12 Freon 123
CAS #: 306-83-2
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 1.92



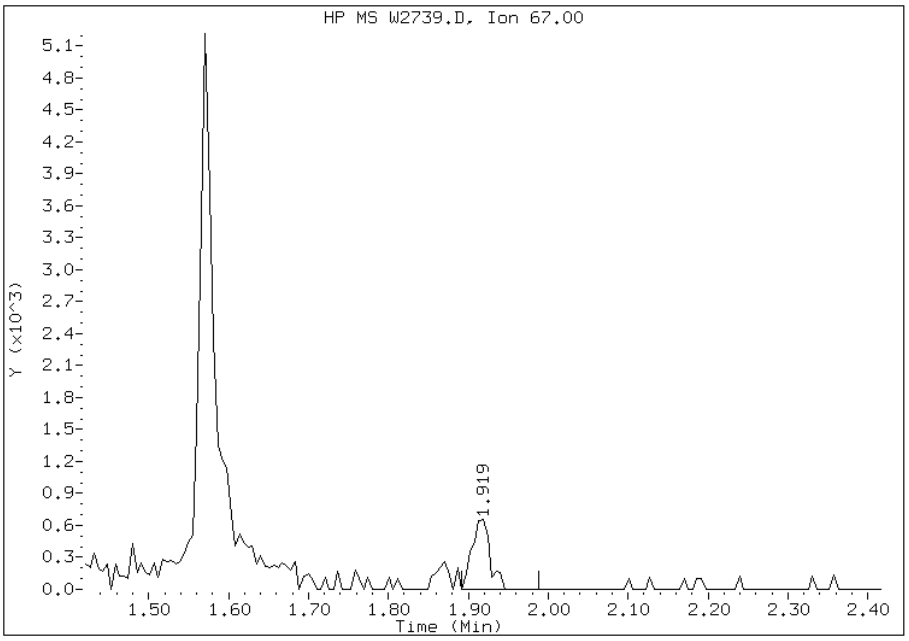
Manual Integration Results

RT: 1.92

Response: 1016

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/09/2009

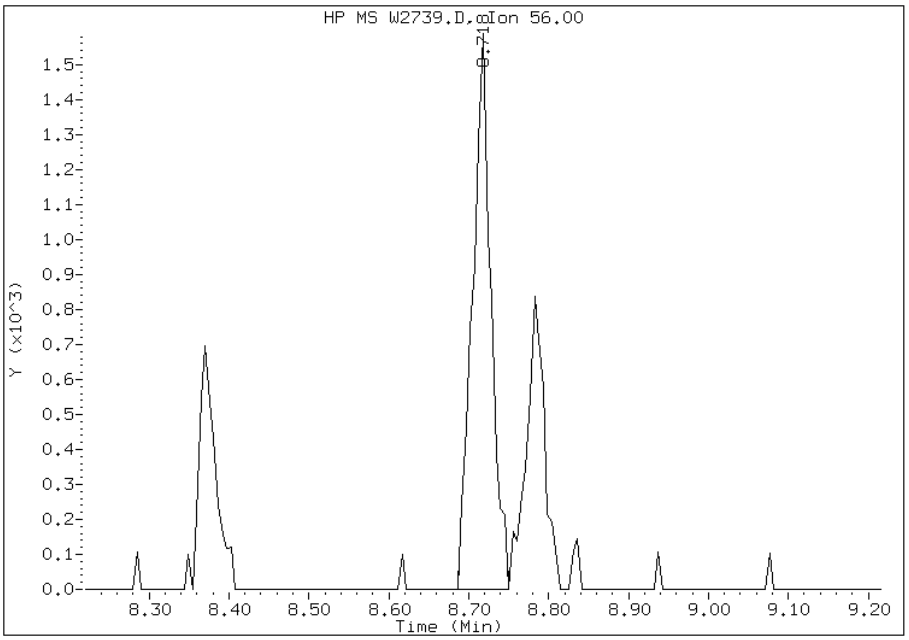
Processing Integration Results

RT: 8.72

Response: 2538

Amount: 2

Conc: 2



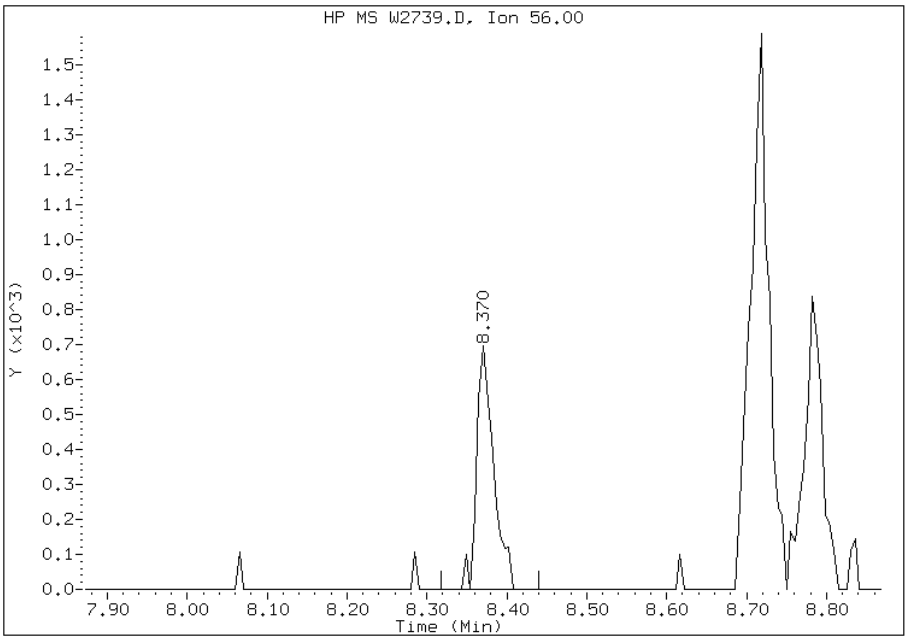
Manual Integration Results

RT: 8.37

Response: 1012

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

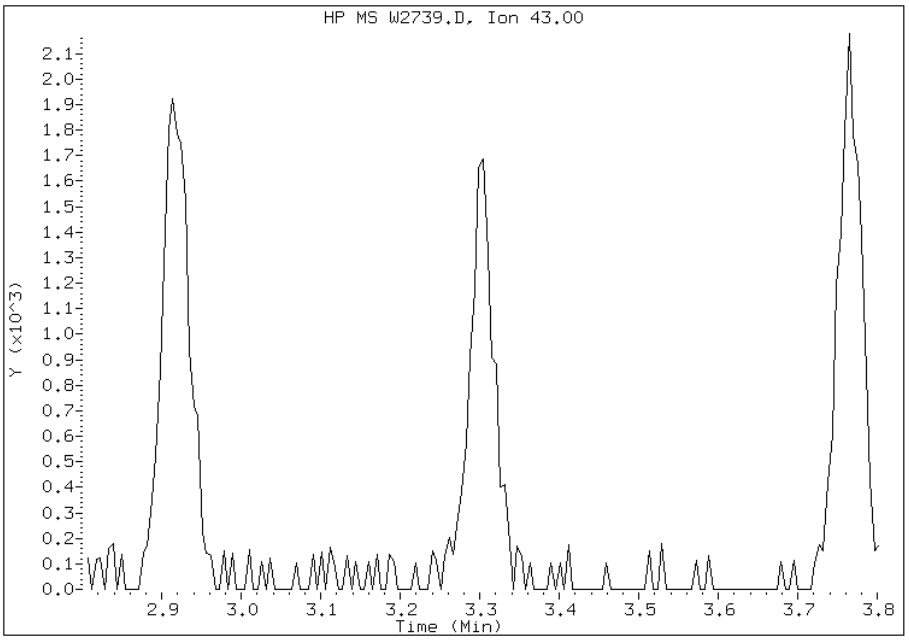
Manual Integration Report

Data File: W2739.D
Inj. Date and Time: 05-FEB-2009 20:50
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 3.30



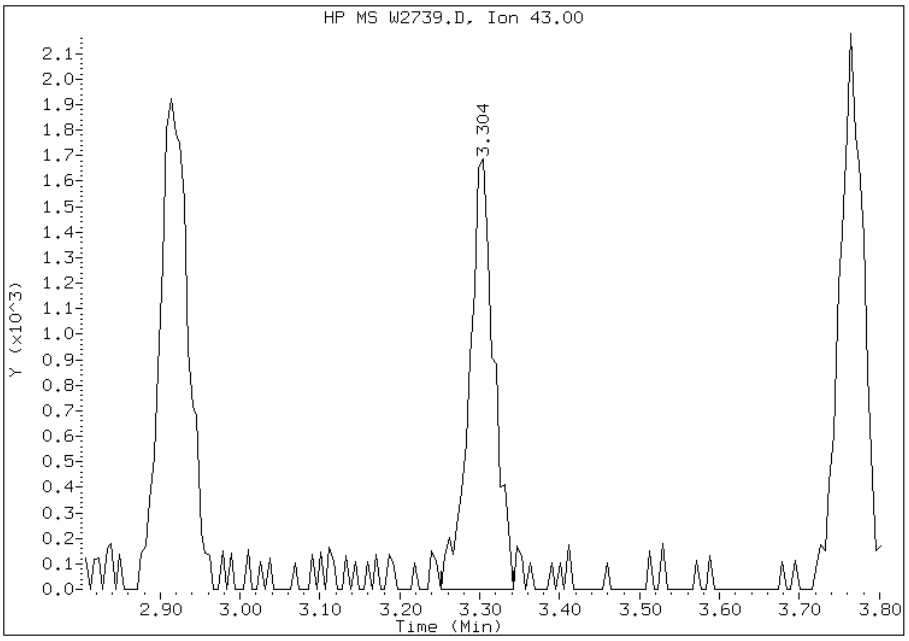
Manual Integration Results

RT: 3.30

Response: 3627

Amount: 1

Conc: 1



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W2740.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 05-FEB-2009 21:19 MS Autotune Date: 16-JAN-2009 15:45
Operator : D. HUMBERT Inst ID: msw.i
Smp Info : IC;2
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W8260LOW.M
Meth Date : 06-Feb-2009 10:05 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 20:50 Cal File: W2739.D
Als bottle: 39 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	425076	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	10843	2.00000	2
3	Chloromethane	50	1.159	1.159	(0.233)	11750	2.00000	2
4	Vinyl Chloride	62	1.175	1.175	(0.237)	14342	2.00000	2
5	Bromomethane	94	1.367	1.367	(0.275)	6878	2.00000	2
6	Chloroethane	64	1.448	1.448	(0.291)	8042	2.00000	0.2
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	30276	2.00000	2
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	29338	2.00000	2
9	Ethyl Ether	45	1.736	1.736	(0.350)	8102	2.00000	2
10	Ethanol	45	1.795	1.795	(0.361)	5477	20.0000	22
11	Freon 141	81	1.795	1.795	(0.361)	28352	2.00000	2
12	Freon 123	67	1.918	1.918	(0.386)	3803	2.00000	2
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	14720	2.00000	2
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	12153	2.00000	2
15	Carbon Disulfide	76	1.886	1.886	(0.380)	39807	2.00000	2
16	Iodomethane	142	1.972	1.972	(0.397)	3771	2.00000	4
17	Acrolein	56	2.116	2.116	(0.426)	5723	10.0000	11
18	2-Propanol	45	2.261	2.261	(0.455)	1592	2.00000	4(M)
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	15215	2.00000	2
20	Methylene Chloride	84	2.304	2.304	(0.464)	17059	2.00000	3(M)
21	Acetone	43	2.346	2.346	(0.472)	7456	2.00000	4
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	14764	2.00000	2
23	Methyl Acetate	43	2.459	2.459	(0.495)	56920	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.511)	40079	2.00000	3
	25 tert-Butyl alcohol	59	2.641	2.641	(0.532)	8789	10.0000	20
	26 Acetonitrile	41	2.748	2.748	(0.553)	18654	20.0000	22
	27 Isopropyl ether	45	2.913	2.913	(0.587)	30353	2.00000	3
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.663)	30854	2.00000	3
	29 2-Chloro-1,3-Butadiene	88	2.983	2.983	(0.601)	9325	2.00000	3
	30 Acrylonitrile	53	3.063	3.063	(0.617)	11150	4.00000	4
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	26144	2.00000	2
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	12618	2.00000	2(M)
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	15249	2.00000	2
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	20263	2.00000	2
	35 Bromochloromethane	128	3.780	3.780	(0.761)	8869	2.00000	2
	36 1-Bromopropane	43	3.764	3.764	(0.758)	17640	2.00000	2
	37 Cyclohexane	84	3.780	3.780	(0.761)	15247	2.00000	3
	38 Chloroform	83	3.882	3.882	(0.781)	28706	2.00000	2
	39 Ethyl Acetate	43	4.048	4.048	(0.815)	2773	4.00000	4(M)
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	9799	2.00000	4
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	15335	2.00000	2
	42 Tetrahydrofuran	42	4.037	4.037	(0.813)	7309	4.00000	4
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	22306	2.00000	2
	44 1,1,1-Trichloroethane	97	4.090	4.090	(0.823)	25182	2.00000	2
	45 2-Butanone	43	4.219	4.219	(0.849)	6712	2.00000	2
	46 1,1-Dichloropropene	75	4.224	4.224	(0.850)	17190	2.00000	3
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	28808	2.00000	4
	49 1-Chlorobutane	56	4.288	4.288	(0.863)	24020	2.00000	2
	50 Heptane	43	4.513	4.513	(0.908)	7784	2.00000	3
	51 Propionitrile	54	4.518	4.518	(0.910)	21751	20.0000	22
	52 Benzene	78	4.492	4.492	(0.904)	54363	2.00000	2
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.915)	7116	2.00000	2(M)
	54 Isobutyl alcohol	42	4.668	4.668	(0.940)	2451	20.0000	22
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	19529	2.00000	2
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	22738	2.00000	2
	59 Methyl Cyclohexane	83	5.134	5.134	(1.033)	15420	2.00000	3
	60 Trichloroethene	130	5.160	5.160	(1.039)	16801	2.00000	2
	61 Isopropyl Acetate	43	5.144	5.144	(1.036)	965	4.00000	7(M)
	62 n-Butanol	56	5.652	5.652	(1.138)	2028	20.0000	23(M)
	63 Dibromomethane	93	5.620	5.620	(1.131)	10237	2.00000	2
	64 1,2-Dichloropropane	63	5.743	5.743	(1.156)	13404	2.00000	2(T)
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	19060	2.00000	2
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	8134	2.00000	4
	67 1,4-Dioxane	58	6.080	6.080	(1.224)	882	20.0000	42(M)
	68 n-Propyl Acetate	43	6.567	6.567	(1.322)	2610	4.00000	8(M)
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.322)	3643	2.00000	4
	70 cis-1,3-Dichloropropene	75	6.599	6.599	(1.328)	17011	2.00000	3
	71 Chloroacetonitrile	48	7.075	7.075	(1.424)	3849	20.0000	34
	72 2-Nitropropane	41	7.150	7.150	(1.439)	7096	4.00000	8(T)
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.490)	16018	2.00000	3
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.527)	12820	2.00000	2
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	357475	25.0000	
	76 Toluene	91	6.872	6.872	(0.788)	52301	2.00000	2
$	77 Toluene-d8	98	6.813	6.813	(0.782)	42195	2.00000	2
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.822)	23628	10.0000	17
	79 4-Methyl-2-Pentanone	43	7.375	7.375	(0.846)	7656	2.00000	4
	80 Tetrachloroethene	164	7.322	7.322	(0.840)	12257	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	7.675	7.675	(0.880)	5409	2.00000	2
82	Dibromochloromethane	129	7.787	7.787	(0.893)	14765	2.00000	2(T)
83	1,3-Dichloropropane	76	7.910	7.910	(0.907)	20387	2.00000	2
84	1,2-Dibromoethane	107	8.038	8.038	(0.922)	12102	2.00000	3
85	n-Butyl Acetate	56	8.375	8.375	(0.961)	4044	2.00000	2(M)
86	2-Hexanone	43	8.434	8.434	(0.967)	4885	2.00000	4(T)
87	1-Chlorohexane	91	8.787	8.787	(1.008)	8612	2.00000	2(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	40410	2.00000	2
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.014)	14524	2.00000	2(T)
90	Ethylbenzene	106	8.814	8.814	(1.011)	17698	2.00000	3
91	Xylene (total)mp	106	9.017	9.017	(1.034)	39055	4.00000	5
92	Xylene (total)o	106	9.520	9.520	(1.092)	16980	2.00000	3
93	Styrene	104	9.584	9.584	(1.099)	23399	2.00000	3
94	Bromoform	173	9.574	9.574	(1.098)	8993	2.00000	3
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	196655	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	36007	2.00000	3
97	Bromobenzene	156	10.205	10.205	(0.917)	15384	2.00000	2
98	1,1,2,2-Tetrachloroethane	83	10.366	10.366	(0.932)	15170	2.00000	2
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	36204	2.00000	3
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	5653	2.00000	2
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	5924	4.00000	6
102	n-Propylbenzene	91	10.285	10.285	(0.925)	40131	2.00000	3
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	36985	2.00000	2
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	35465	2.00000	3
105	1,3,5-Trimethylbenzene	105	10.489	10.489	(0.943)	32586	2.00000	2
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	25696	2.00000	3
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	31341	2.00000	3
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	34804	2.00000	3
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	26791	2.00000	3
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	27576	2.00000	2
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	30128	2.00000	2
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	28038	2.00000	2
113	Benzyl Chloride	126	11.350	11.350	(1.020)	4038	2.00000	3
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	13626	2.00000	3
115	n-Butylbenzene	91	11.382	11.382	(1.023)	23250	2.00000	3
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	15918	2.00000	4
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	2445	2.00000	4
120	Nitrobenzene	77	12.484	12.484	(1.122)	1773	20.0000	30(M)
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.130)	7999	2.00000	4
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	8151	2.00000	3
123	Naphthalene	128	12.805	12.805	(1.151)	8412	2.00000	2(M)
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	6988	2.00000	3
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	13753	2.00000	2
M 126	1,2-Dichloroethene (total)	100				30013	4.00000	4
M 127	Xylene (total)	100				56035	6.00000	9

QC Flag Legend

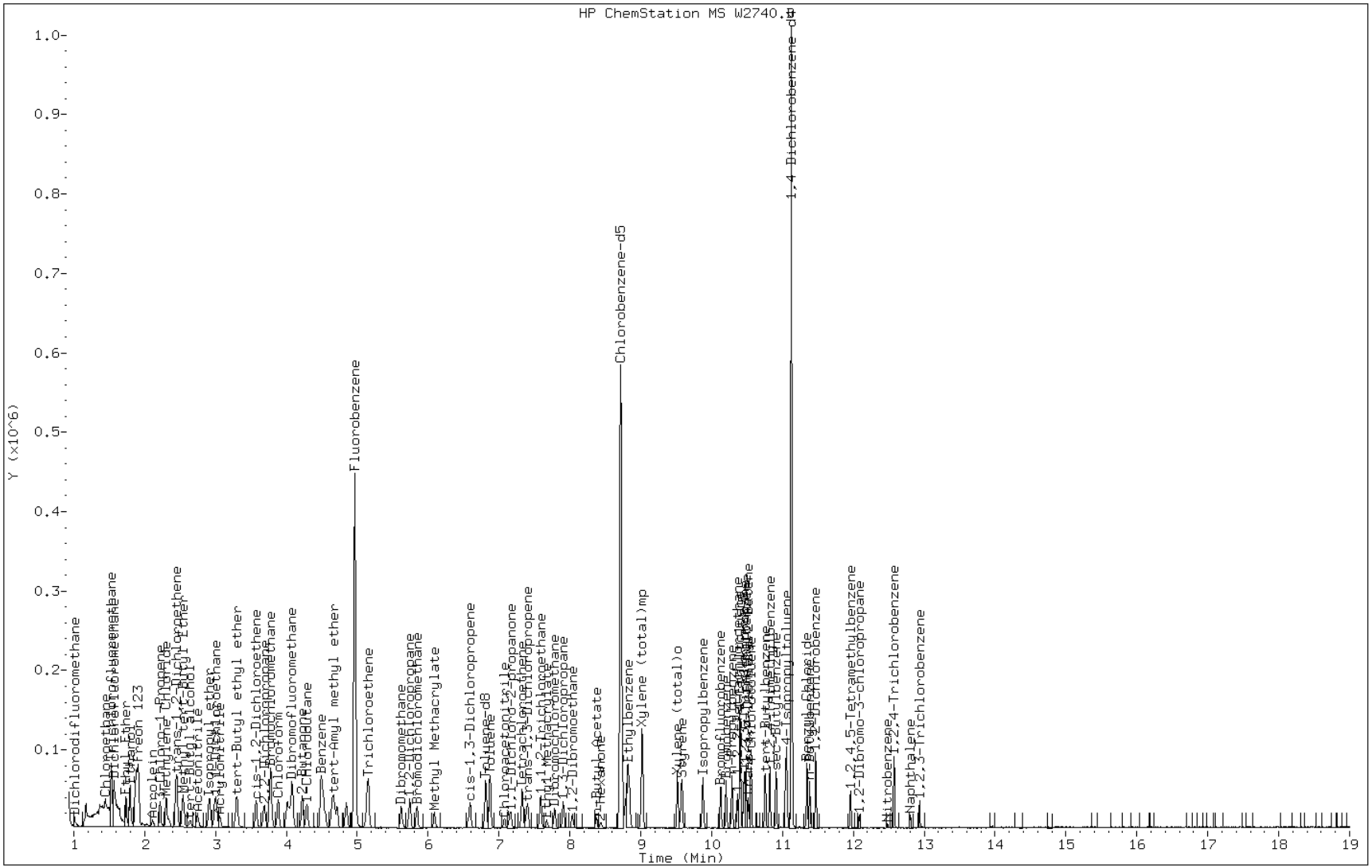
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: W2740.D

Date: 05-FEB-2009 21:19

Client ID: IC;2 Instrument: msw.i

Sample Info: IC;2 Operator: D. HUMBERT



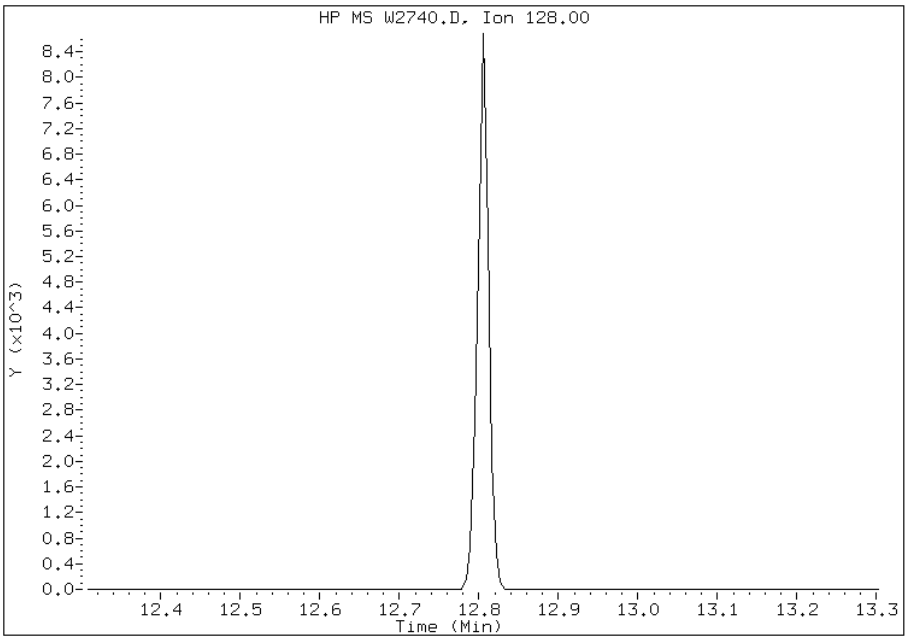
Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 123 Naphthalene
CAS #: 91-20-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.81



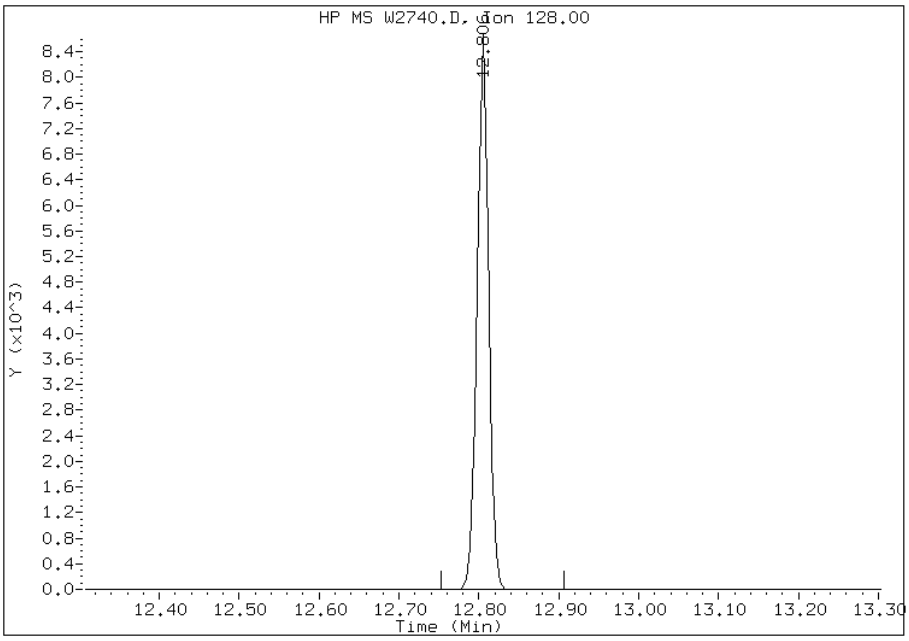
Manual Integration Results

RT: 12.81

Response: 8412

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

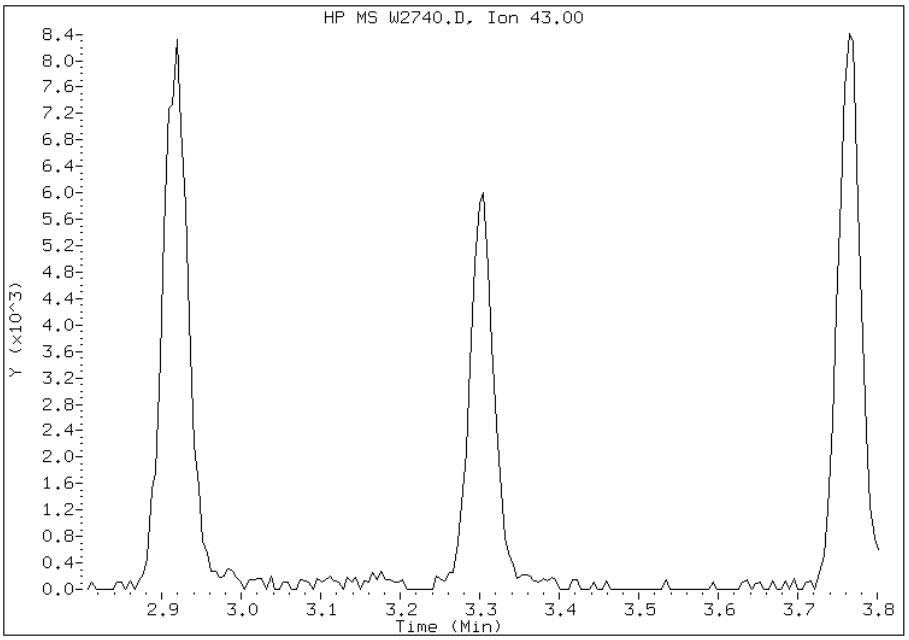
Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 3.30



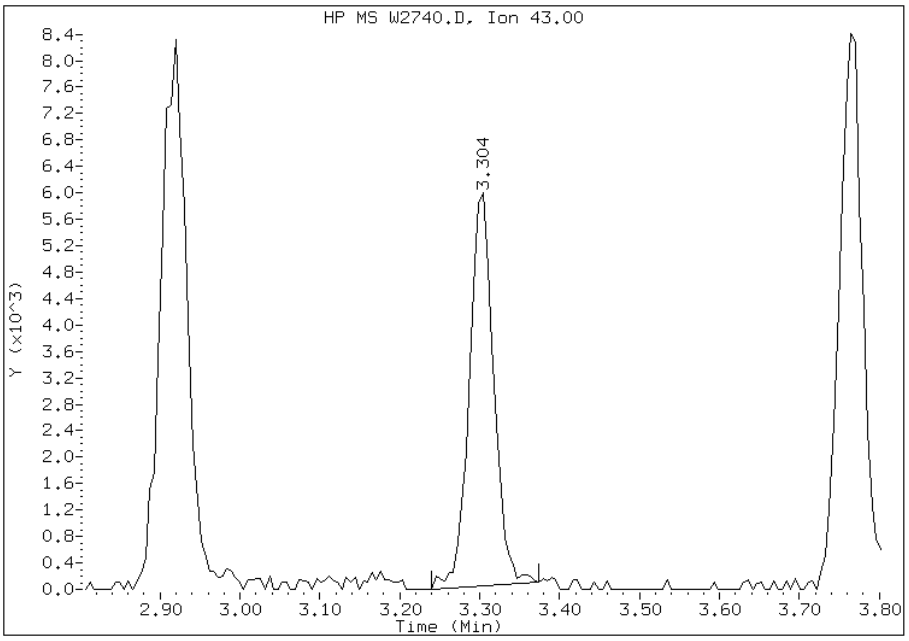
Manual Integration Results

RT: 3.30

Response: 12618

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

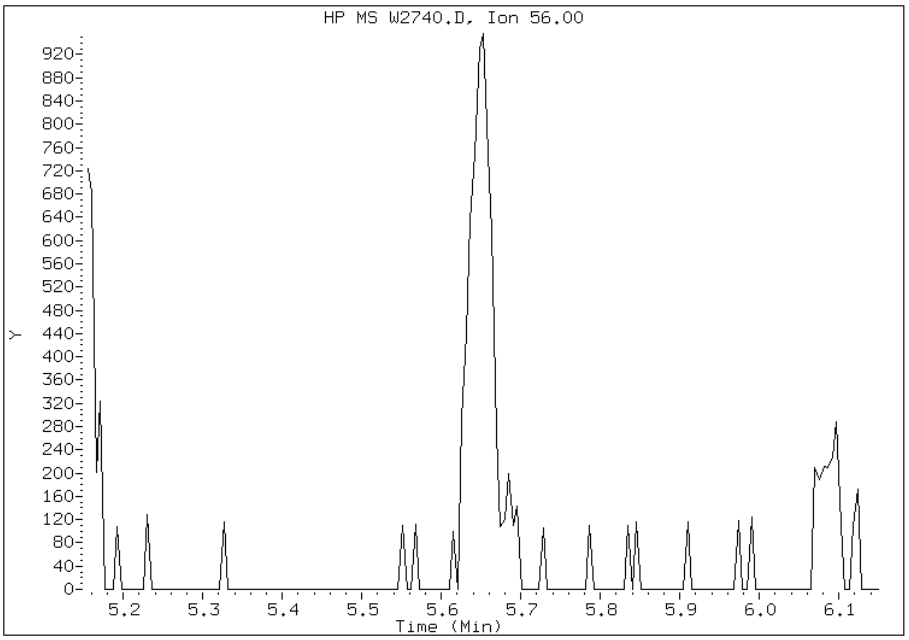
Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 5.65



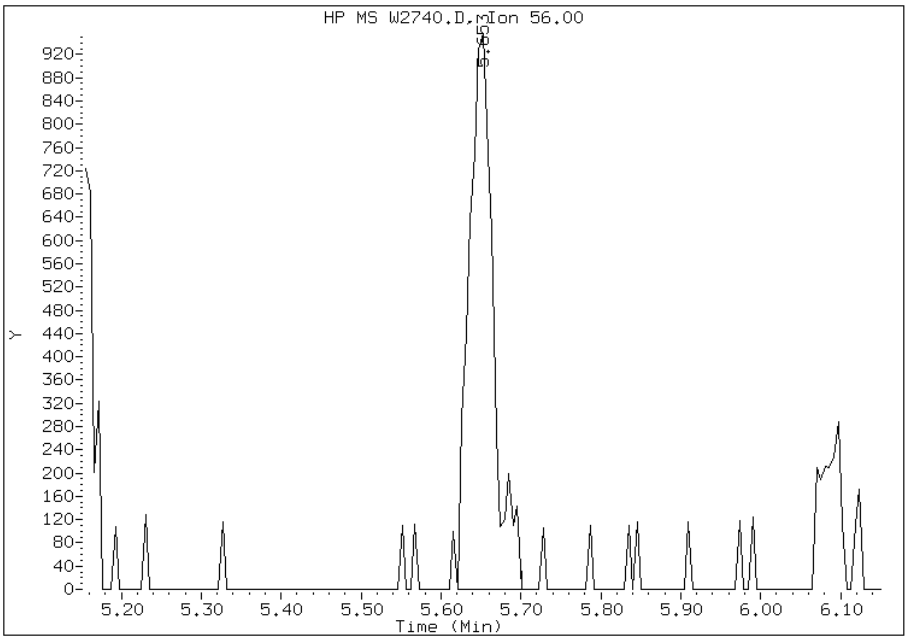
Manual Integration Results

RT: 5.65

Response: 2028

Amount: 23

Conc: 23



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

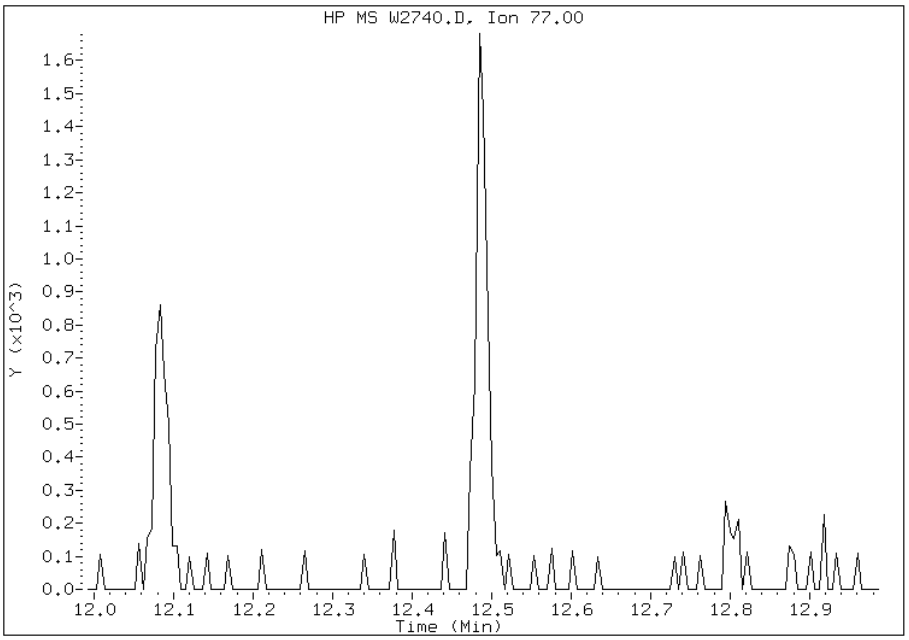
Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 120 Nitrobenzene
CAS #: 98-95-3
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 12.49



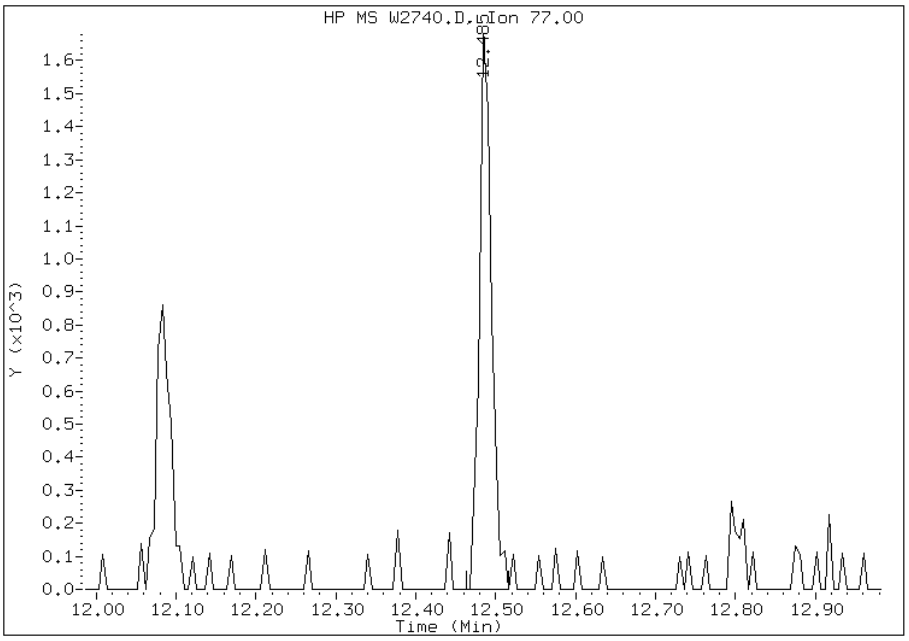
Manual Integration Results

RT: 12.48

Response: 1773

Amount: 30

Conc: 30



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

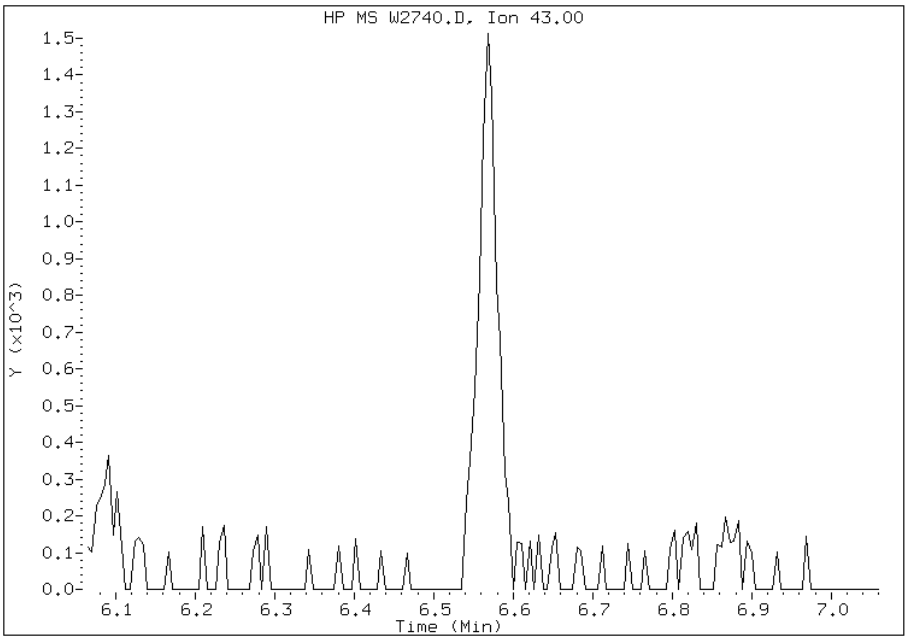
Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 6.56



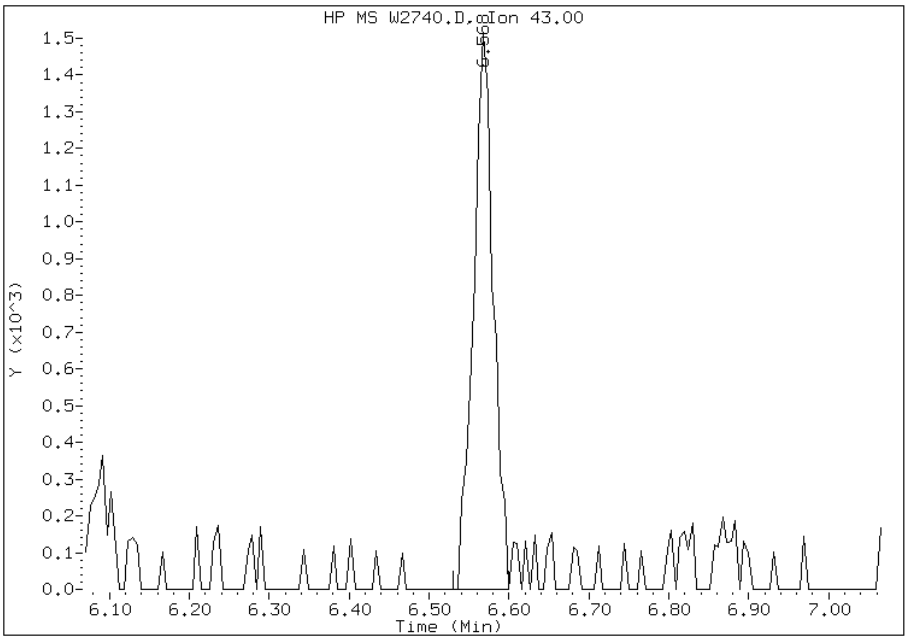
Manual Integration Results

RT: 6.57

Response: 2610

Amount: 8

Conc: 8



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/09/2009

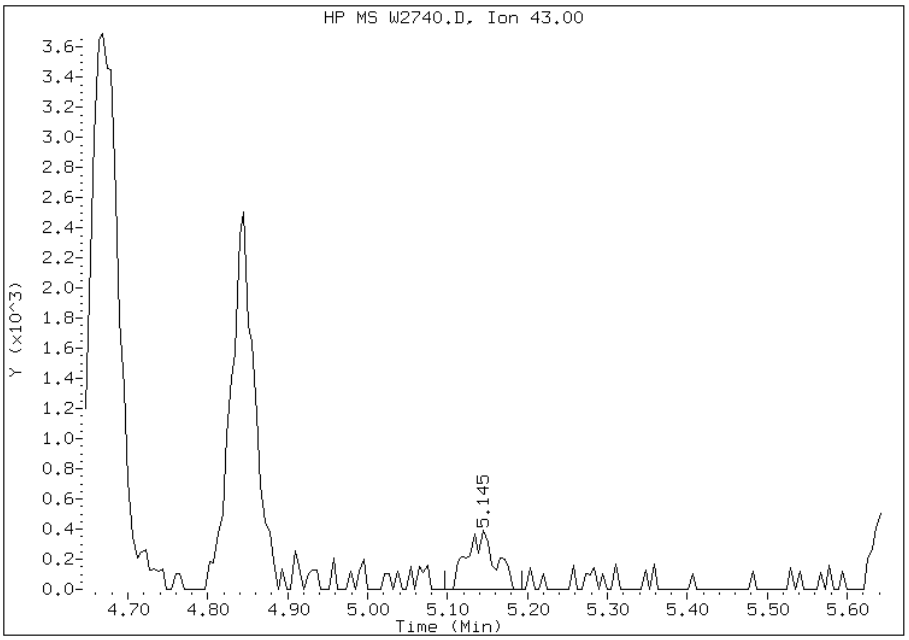
Processing Integration Results

RT: 5.14

Response: 965

Amount: 7

Conc: 7



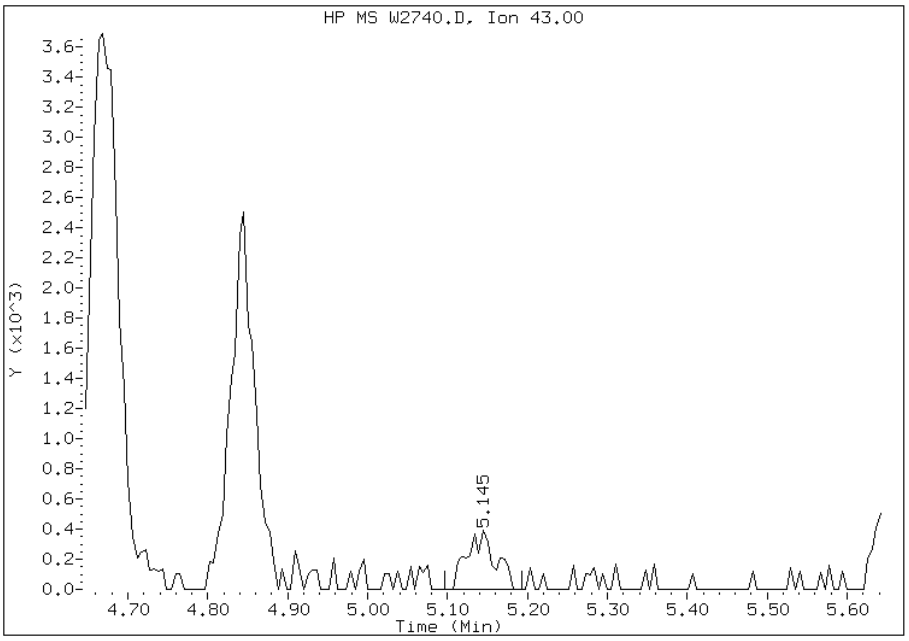
Manual Integration Results

RT: 5.14

Response: 965

Amount: 7

Conc: 7



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/09/2009

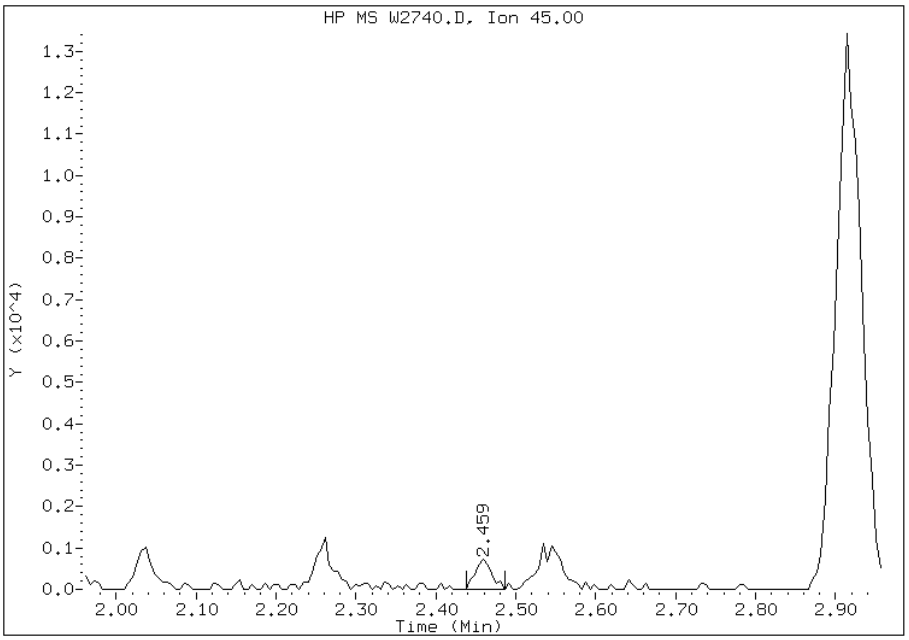
Processing Integration Results

RT: 2.46

Response: 1034

Amount: 3

Conc: 3



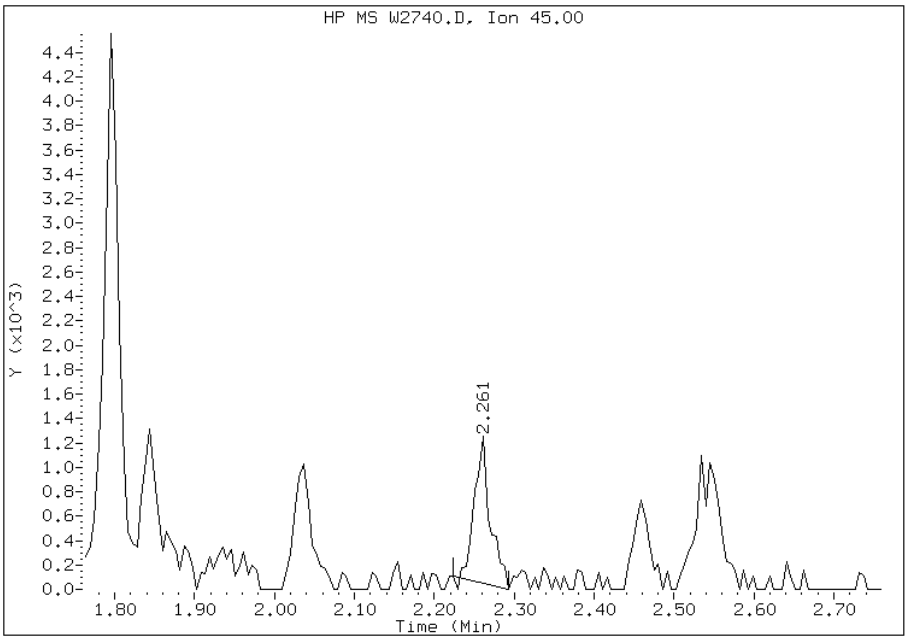
Manual Integration Results

RT: 2.26

Response: 1592

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

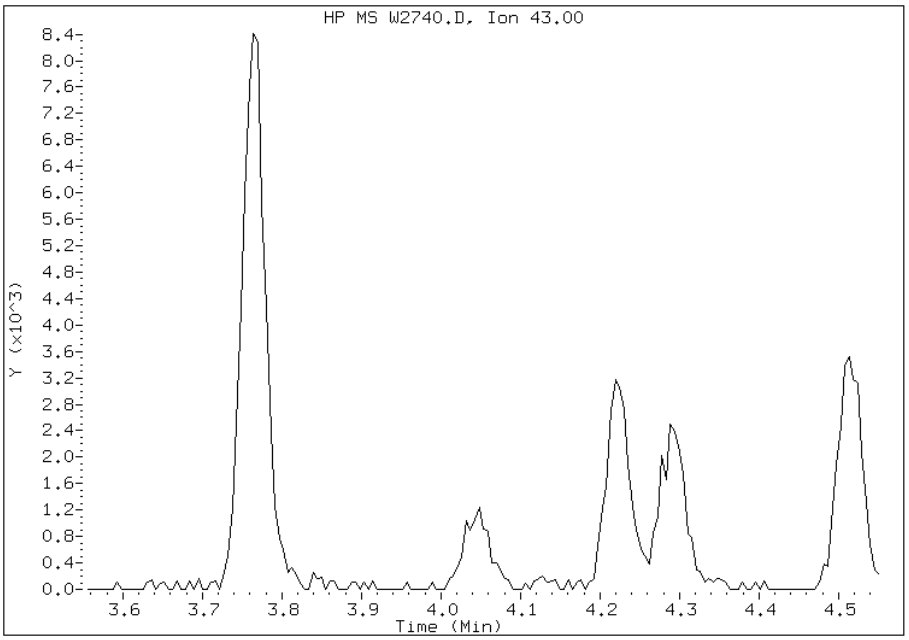
Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 4.05



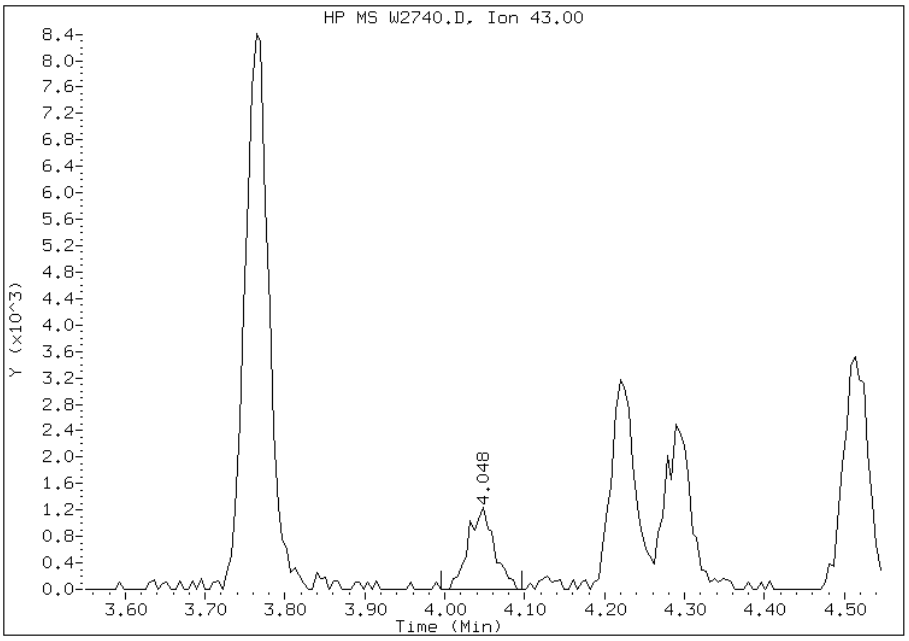
Manual Integration Results

RT: 4.05

Response: 2773

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

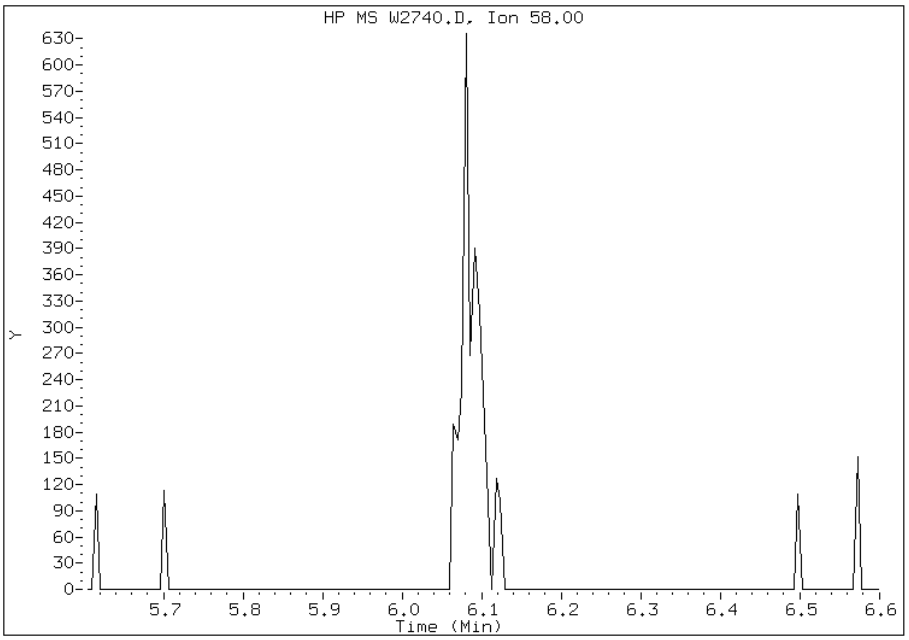
Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/09/2009

Processing Integration Results

Not Detected

Expected RT: 6.10



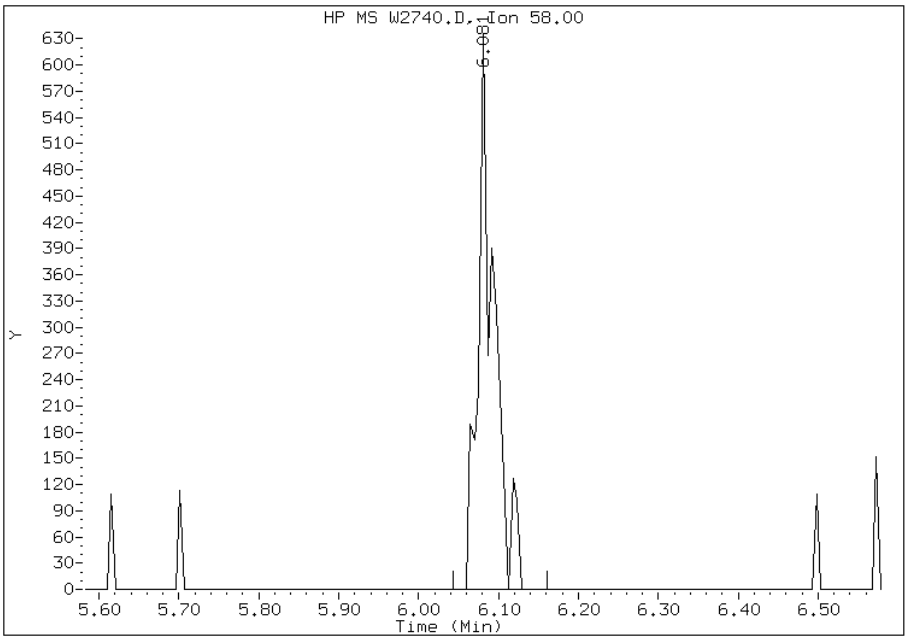
Manual Integration Results

RT: 6.08

Response: 882

Amount: 42

Conc: 42



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/09/2009

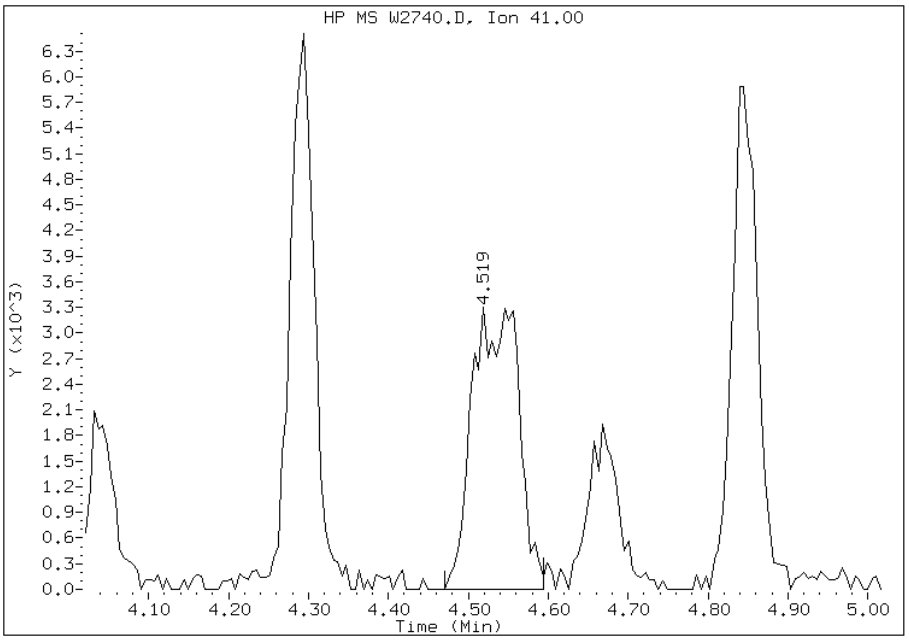
Processing Integration Results

RT: 4.52

Response: 13436

Amount: 4

Conc: 4



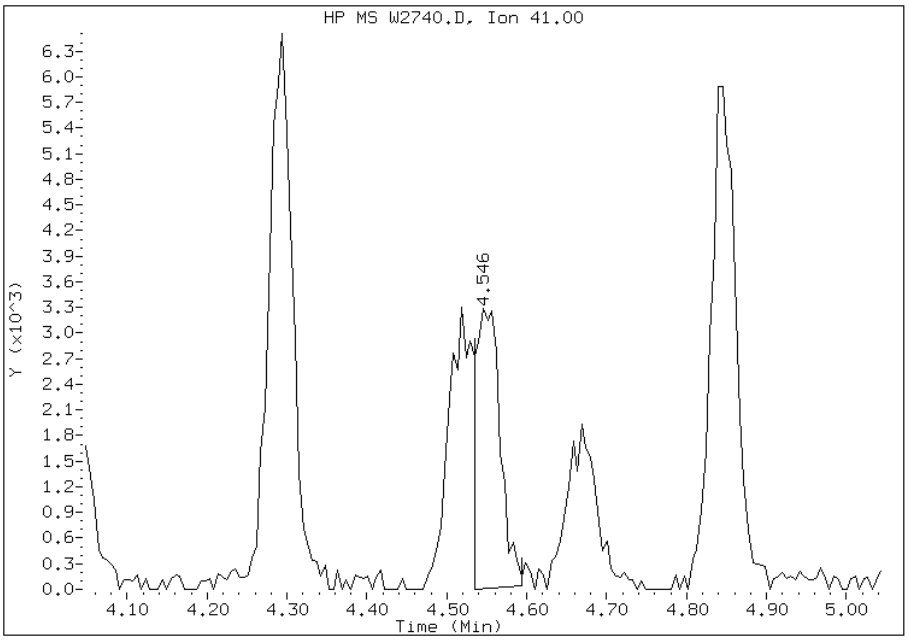
Manual Integration Results

RT: 4.55

Response: 7116

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 20 Methylene Chloride
CAS #: 75-09-2
Report Date: 02/09/2009

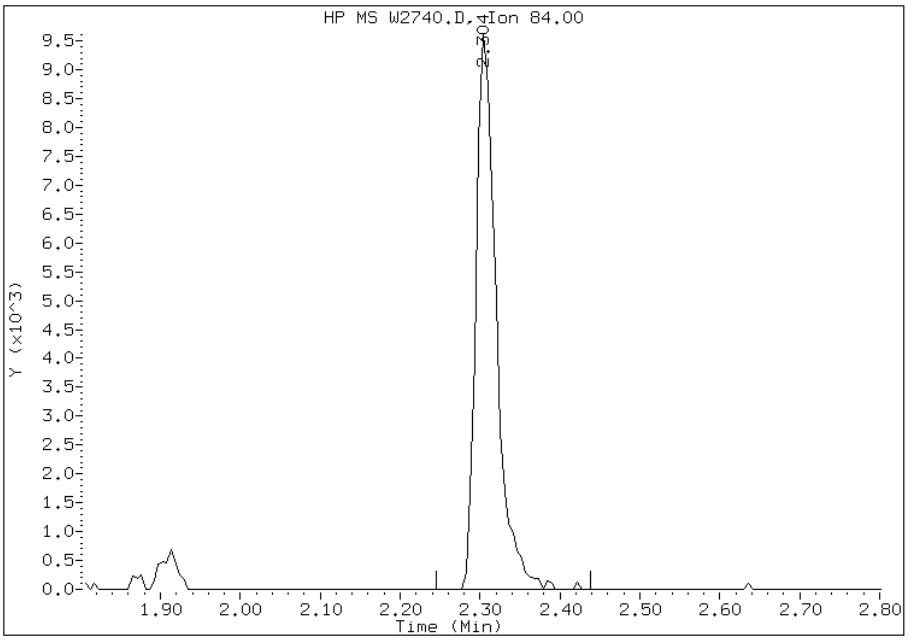
Processing Integration Results

RT: 2.30

Response: 17059

Amount: 3

Conc: 3



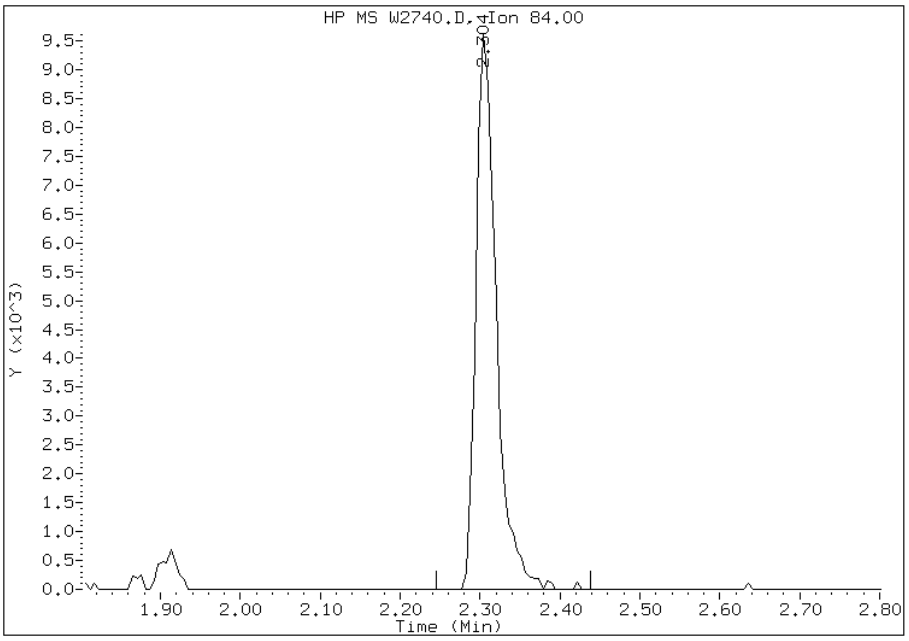
Manual Integration Results

RT: 2.30

Response: 17059

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/09/2009

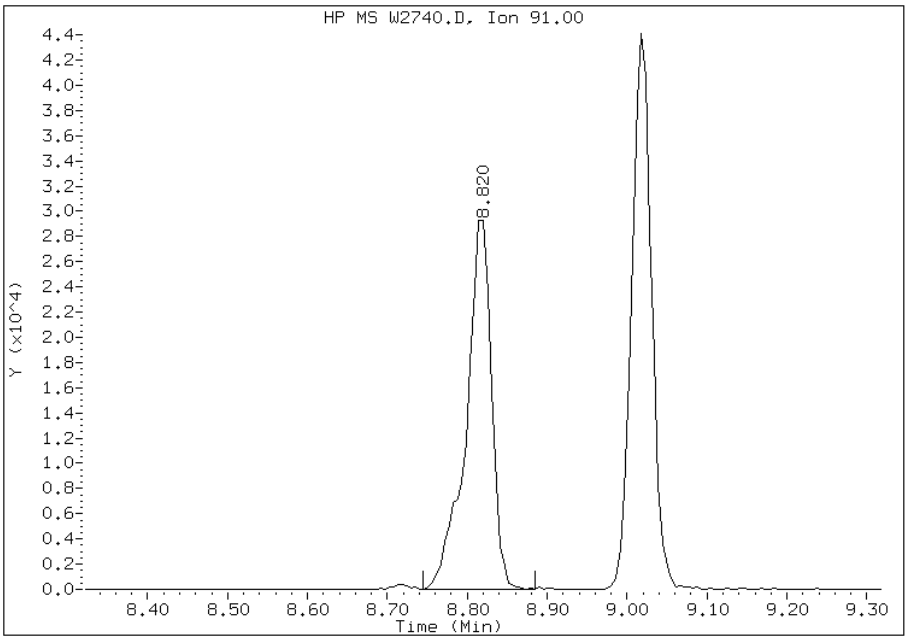
Processing Integration Results

RT: 8.82

Response: 64609

Amount: 10

Conc: 10



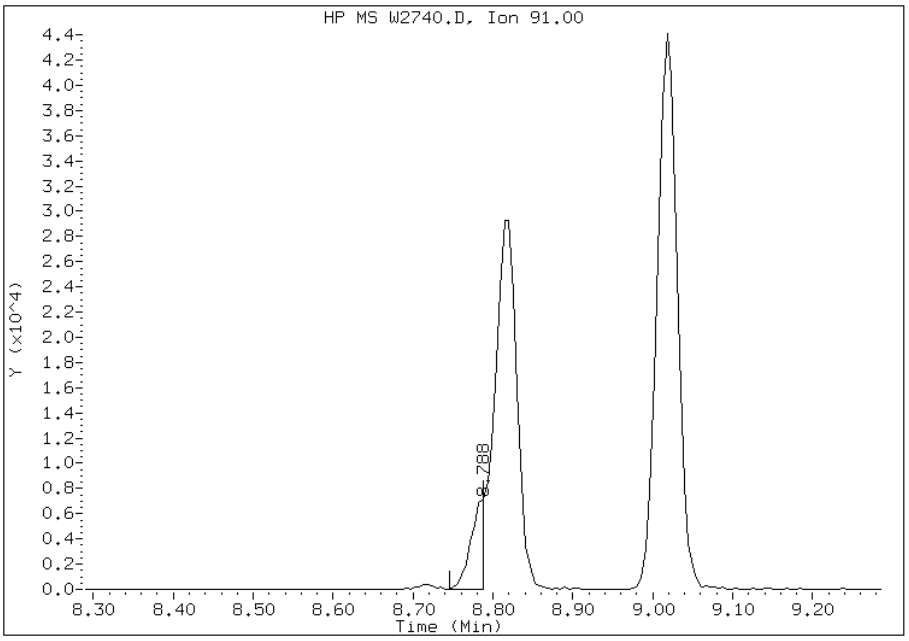
Manual Integration Results

RT: 8.79

Response: 8612

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2740.D
Inj. Date and Time: 05-FEB-2009 21:19
Instrument ID: msw.i
Client ID: IC;2
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/09/2009

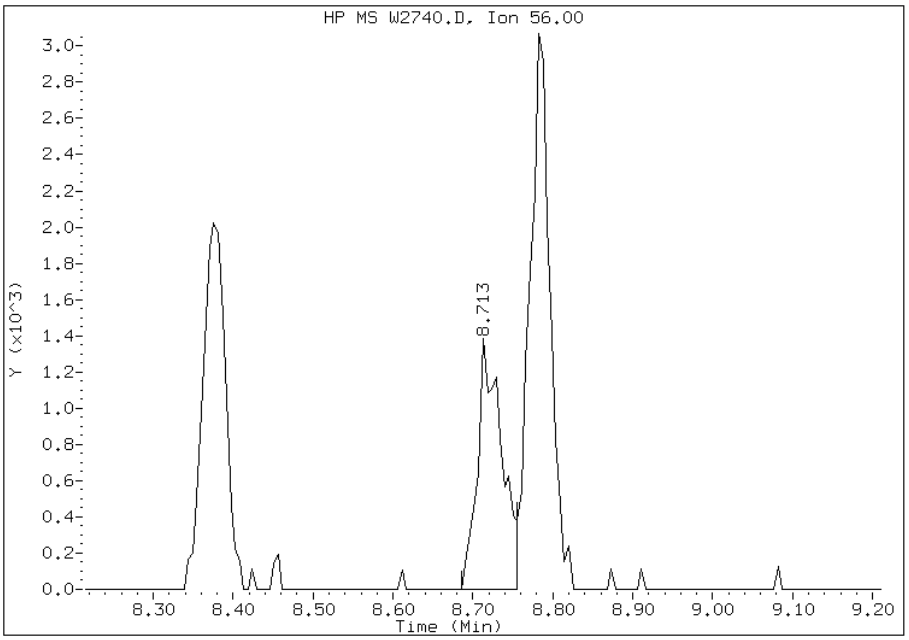
Processing Integration Results

RT: 8.71

Response: 2949

Amount: 2

Conc: 2



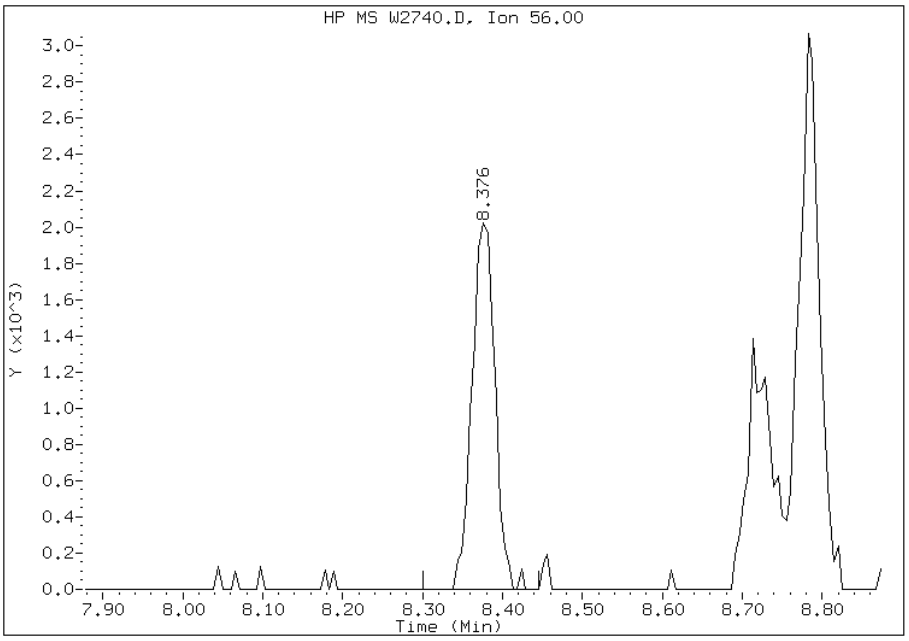
Manual Integration Results

RT: 8.38

Response: 4044

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W2741.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 05-FEB-2009 21:48 MS Autotune Date: 16-JAN-2009 15:45
Operator : D. HUMBERT Inst ID: msw.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W8260LOW.M
Meth Date : 06-Feb-2009 10:05 msw.i Quant Type: ISTD
Cal Date : 05-FEB-2009 21:19 Cal File: W2740.D
Als bottle: 40 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	519196	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	38278	5.00000	5
3	Chloromethane	50	1.153	1.153	(0.232)	35650	5.00000	5
4	Vinyl Chloride	62	1.175	1.175	(0.237)	38448	5.00000	5
5	Bromomethane	94	1.367	1.367	(0.275)	17592	5.00000	5
6	Chloroethane	64	1.448	1.448	(0.291)	22995	5.00000	4
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	80981	5.00000	5
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	63174	5.00000	4
9	Ethyl Ether	45	1.737	1.737	(0.350)	18848	5.00000	4
10	Ethanol	45	1.795	1.795	(0.361)	14039	50.0000	47
11	Freon 141	81	1.795	1.795	(0.361)	62404	5.00000	4
12	Freon 123	67	1.913	1.913	(0.385)	8444	5.00000	4
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	34951	5.00000	4
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	27689	5.00000	4
15	Carbon Disulfide	76	1.886	1.886	(0.380)	91592	5.00000	4
16	Iodomethane	142	1.967	1.967	(0.396)	10776	5.00000	5
17	Acrolein	56	2.111	2.111	(0.425)	12433	25.0000	19
18	2-Propanol	45	2.255	2.255	(0.454)	3614	5.00000	6
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	35335	5.00000	4
20	Methylene Chloride	84	2.304	2.304	(0.464)	35935	5.00000	5
21	Acetone	43	2.346	2.346	(0.472)	13660	5.00000	5
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	32928	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.495)	130292	5.00000	4
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	90595	5.00000	5
	25 tert-Butyl alcohol	59	2.641	2.641	(0.532)	17902	25.0000	28
	26 Acetonitrile	41	2.748	2.748	(0.553)	43055	50.0000	42
	27 Isopropyl ether	45	2.919	2.919	(0.588)	73784	5.00000	5
	28 tert-Butyl ethyl ether	59	3.299	3.299	(0.664)	76629	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	22033	5.00000	5
	30 Acrylonitrile	53	3.058	3.058	(0.616)	25051	10.0000	8
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	60079	5.00000	4
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	28775	5.00000	4
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.719)	34923	5.00000	4
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	45600	5.00000	4
	35 Bromochloromethane	128	3.780	3.780	(0.761)	19741	5.00000	4
	36 1-Bromopropane	43	3.764	3.764	(0.758)	39705	5.00000	4
	37 Cyclohexane	84	3.785	3.785	(0.762)	40491	5.00000	5
	38 Chloroform	83	3.882	3.882	(0.781)	62919	5.00000	4
	39 Ethyl Acetate	43	4.042	4.042	(0.814)	6350	10.0000	8
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	24052	5.00000	5
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	33185	5.00000	4
	42 Tetrahydrofuran	42	4.037	4.037	(0.813)	19170	10.0000	8
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	50137	5.00000	4
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	57029	5.00000	4
	45 2-Butanone	43	4.219	4.219	(0.849)	14048	5.00000	4
	46 1,1-Dichloropropene	75	4.224	4.224	(0.850)	40195	5.00000	5
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	72101	5.00000	5
	48 tert-Butyl formate	57	4.845	4.845	(0.975)	5350	5.00000	4
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	57269	5.00000	4
	50 Heptane	43	4.513	4.513	(0.908)	18167	5.00000	5
	51 Propionitrile	54	4.524	4.524	(0.911)	50295	50.0000	43
	52 Benzene	78	4.492	4.492	(0.904)	128163	5.00000	4
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.915)	19557	5.00000	4(M)
	54 Isobutyl alcohol	42	4.663	4.663	(0.939)	5926	50.0000	48
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	40977	5.00000	4
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	50046	5.00000	4
	59 Methyl Cyclohexane	83	5.139	5.139	(1.034)	36471	5.00000	5
	60 Trichloroethene	130	5.160	5.160	(1.039)	37795	5.00000	4
	61 Isopropyl Acetate	43	5.144	5.144	(1.036)	1744	10.0000	9(T)
	62 n-Butanol	56	5.642	5.642	(1.136)	4643	50.0000	42
	63 Dibromomethane	93	5.620	5.620	(1.131)	22805	5.00000	4
	64 1,2-Dichloropropane	63	5.743	5.743	(1.156)	29371	5.00000	4(T)
	65 Bromodichloromethane	83	5.840	5.840	(1.176)	44214	5.00000	4
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	15586	5.00000	5
	67 1,4-Dioxane	58	6.080	6.080	(1.224)	2009	50.0000	56
	68 n-Propyl Acetate	43	6.567	6.567	(1.322)	6292	10.0000	10(M)
	69 2-Chloroethylvinylether	63	6.573	6.573	(1.323)	9055	5.00000	5
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	40898	5.00000	5
	71 Chloroacetonitrile	48	7.076	7.076	(1.424)	9407	50.0000	51
	72 2-Nitropropane	41	7.145	7.145	(1.438)	15495	10.0000	10(T)
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.490)	41551	5.00000	5
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.527)	29367	5.00000	4
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	430585	25.0000	
	76 Toluene	91	6.872	6.872	(0.788)	126297	5.00000	4
$	77 Toluene-d8	98	6.813	6.813	(0.782)	98498	5.00000	4
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.821)	60959	25.0000	25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	18765	5.00000	5
80	Tetrachloroethene	164	7.327	7.327	(0.840)	28255	5.00000	4
81	Ethyl Methacrylate	69	7.675	7.675	(0.880)	12310	5.00000	4
82	Dibromochloromethane	129	7.787	7.787	(0.893)	33859	5.00000	4
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	48185	5.00000	4
84	1,2-Dibromoethane	107	8.033	8.033	(0.921)	28160	5.00000	5
85	n-Butyl Acetate	56	8.376	8.376	(0.961)	9703	5.00000	4
86	2-Hexanone	43	8.434	8.434	(0.967)	12070	5.00000	5
87	1-Chlorohexane	91	8.787	8.787	(1.008)	21498	5.00000	4(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	91119	5.00000	4
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.014)	33946	5.00000	4
90	Ethylbenzene	106	8.820	8.820	(1.012)	43654	5.00000	4
91	Xylene (total)mp	106	9.017	9.017	(1.034)	101317	10.0000	9
92	Xylene (total)o	106	9.520	9.520	(1.092)	40755	5.00000	5
93	Styrene	104	9.585	9.585	(1.099)	63285	5.00000	4
94	Bromoform	173	9.569	9.569	(1.098)	20953	5.00000	5
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	248827	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	96638	5.00000	4
97	Bromobenzene	156	10.205	10.205	(0.917)	36737	5.00000	4
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	34319	5.00000	4
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	105000	5.00000	4
100	1,2,3-Trichloropropane	110	10.457	10.457	(0.940)	13919	5.00000	4
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	17101	10.0000	9
102	n-Propylbenzene	91	10.285	10.285	(0.925)	108957	5.00000	4
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	100889	5.00000	4
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	95732	5.00000	5
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	97440	5.00000	4
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	68988	5.00000	5
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	89104	5.00000	4
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	99700	5.00000	5
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	78394	5.00000	4
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	68760	5.00000	4
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	71367	5.00000	4
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	66458	5.00000	4
113	Benzyl Chloride	126	11.350	11.350	(1.020)	11075	5.00000	5
114	1,4-Diethylbenzene	119	11.345	11.345	(1.020)	39025	5.00000	5
115	n-Butylbenzene	91	11.382	11.382	(1.023)	70307	5.00000	4
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	47923	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	6588	5.00000	5
120	Nitrobenzene	77	12.489	12.489	(1.123)	6610	50.0000	40
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	24901	5.00000	5
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	18833	5.00000	5
123	Naphthalene	128	12.805	12.805	(1.151)	34155	5.00000	3
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	23822	5.00000	5
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	32503	5.00000	4
M 126	1,2-Dichloroethene (total)	100				67851	10.0000	8
M 127	Xylene (total)	100				142072	15.0000	14

QC Flag Legend

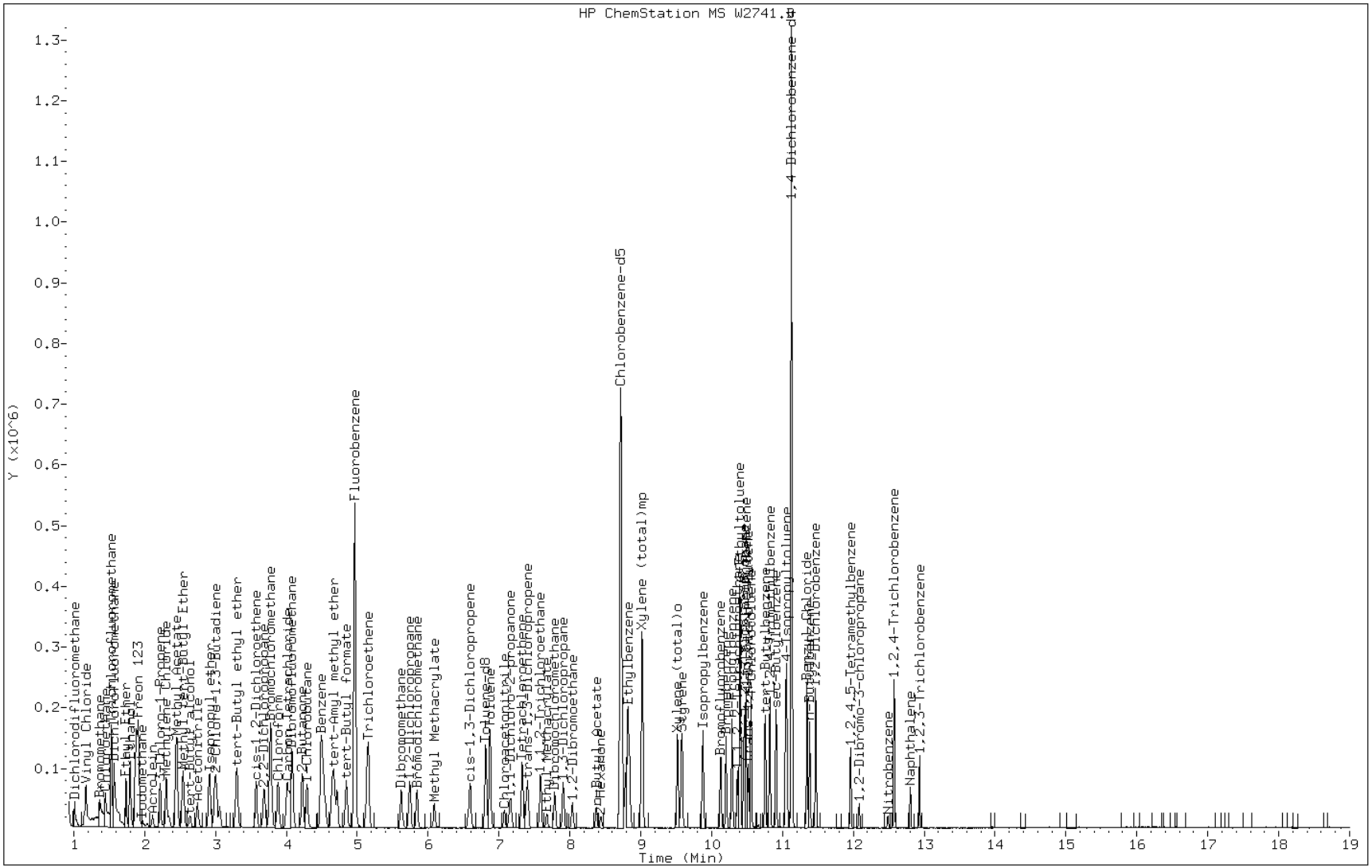
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: W2741.D

Date: 05-FEB-2009 21:48

Client ID: IC;5 Instrument: msw.i

Sample Info: IC;5 Operator: D. HUMBERT



Manual Integration Report

Data File: W2741.D
Inj. Date and Time: 05-FEB-2009 21:48
Instrument ID: msw.i
Client ID: IC;5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/09/2009

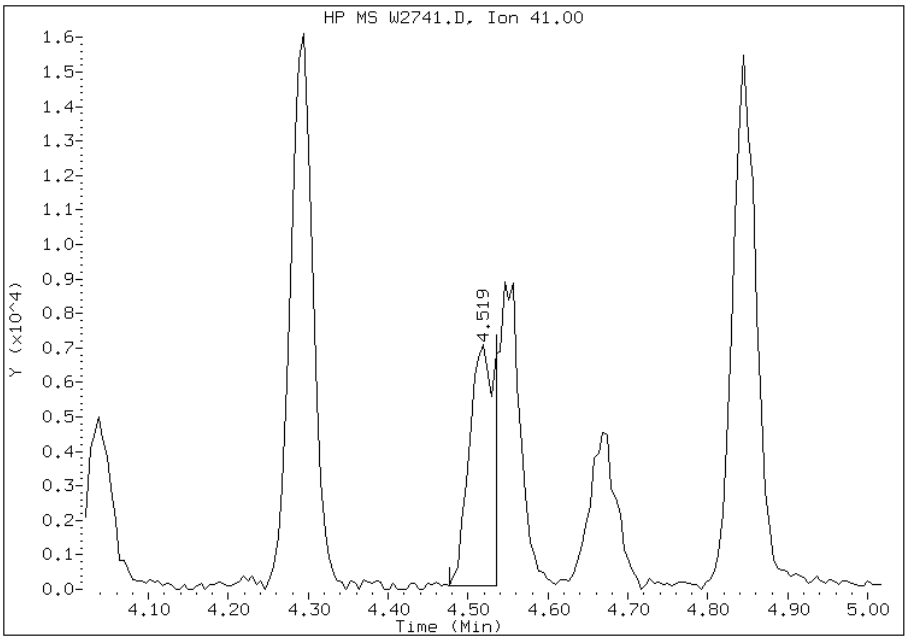
Processing Integration Results

RT: 4.52

Response: 15398

Amount: 3

Conc: 3



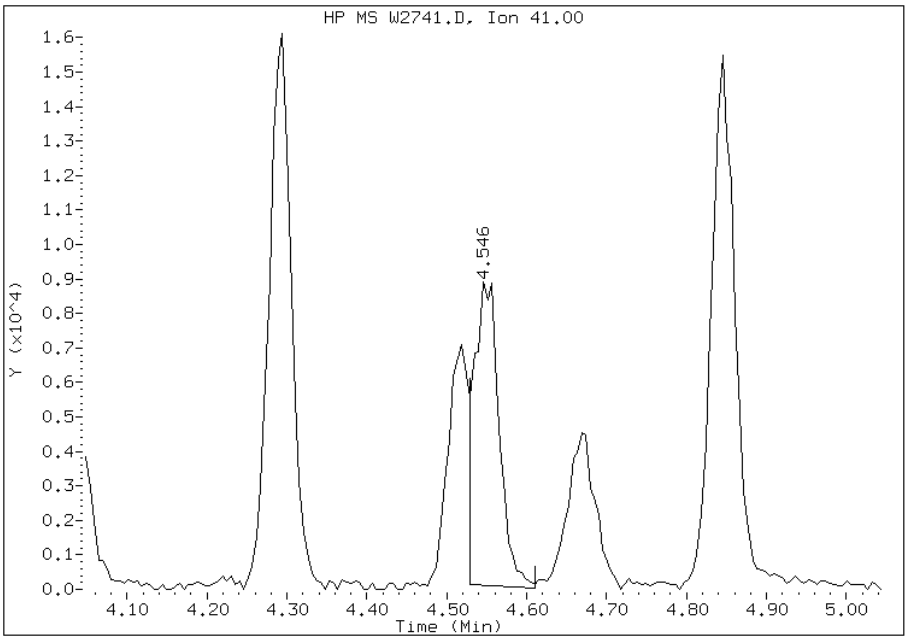
Manual Integration Results

RT: 4.55

Response: 19557

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2741.D
Inj. Date and Time: 05-FEB-2009 21:48
Instrument ID: msw.i
Client ID: IC;5
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/09/2009

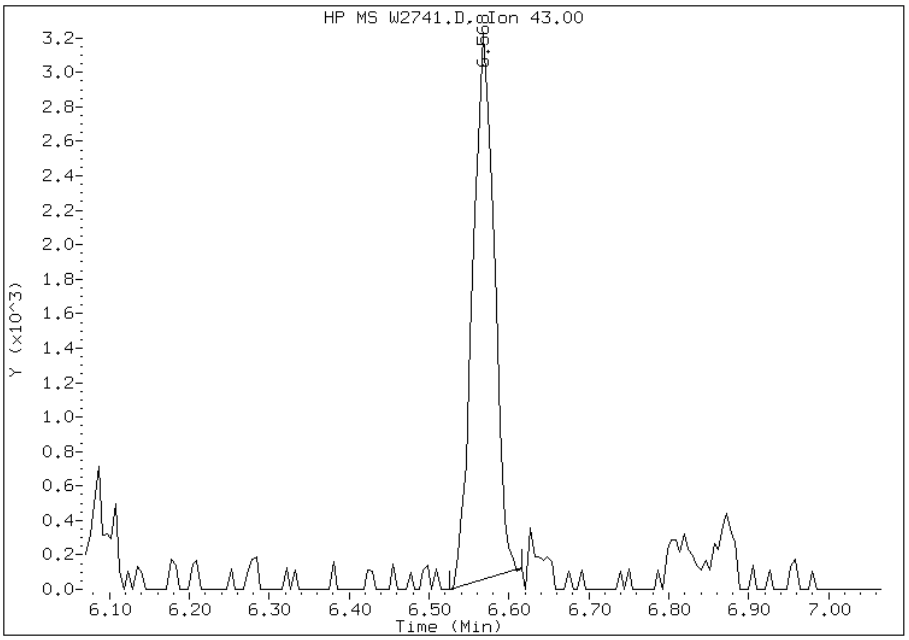
Processing Integration Results

RT: 6.57

Response: 5937

Amount: 7

Conc: 7



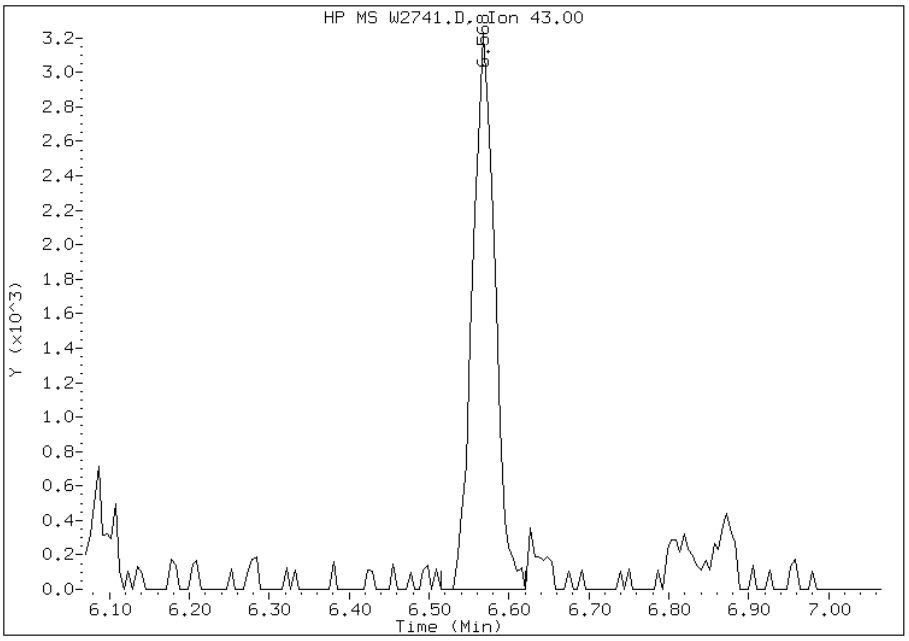
Manual Integration Results

RT: 6.57

Response: 6292

Amount: 10

Conc: 10



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2741.D
Inj. Date and Time: 05-FEB-2009 21:48
Instrument ID: msw.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/09/2009

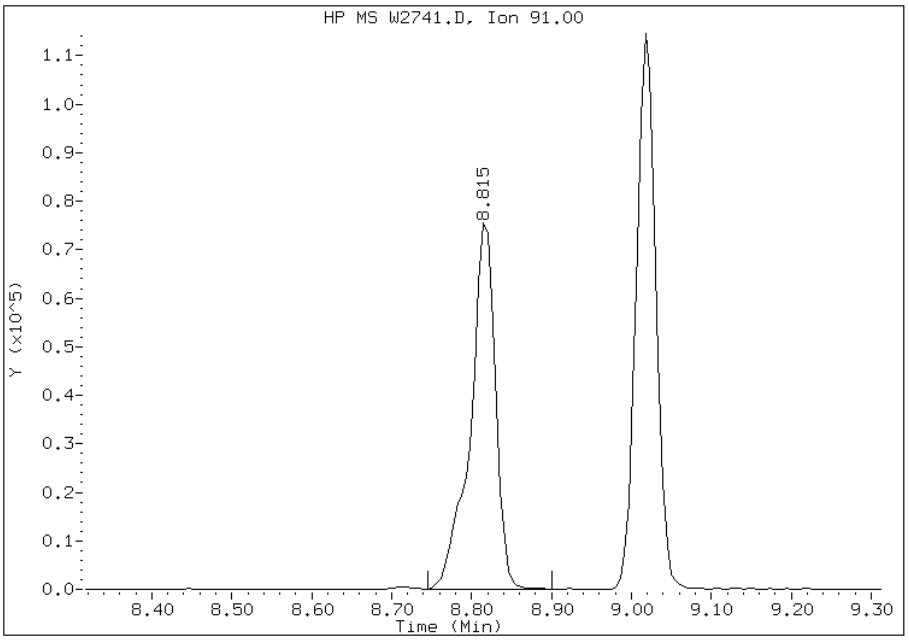
Processing Integration Results

RT: 8.81

Response: 164694

Amount: 21

Conc: 21



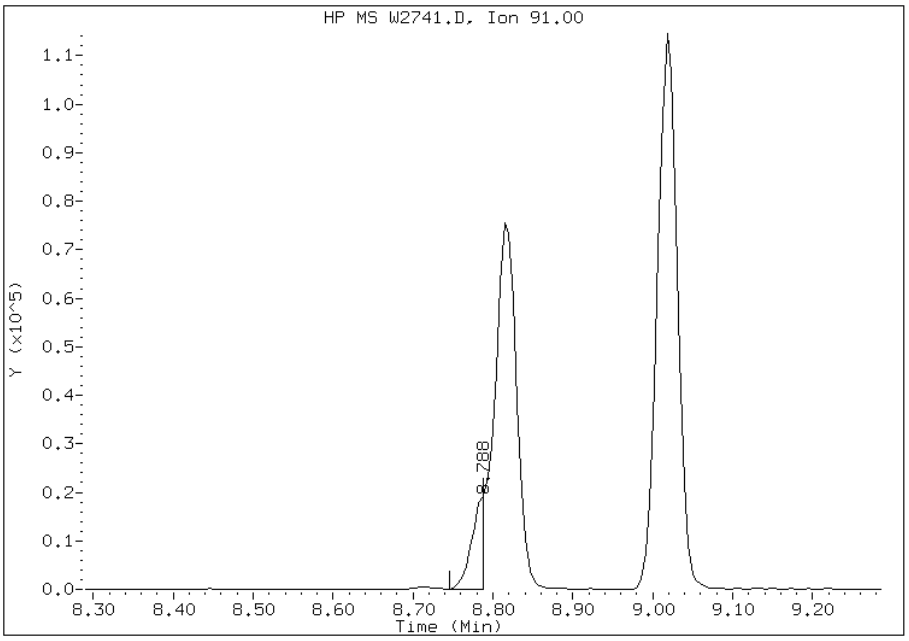
Manual Integration Results

RT: 8.79

Response: 21498

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W2742.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 05-FEB-2009 22:17 MS Autotune Date: 16-JAN-2009 15:45
Operator : D. HUMBERT Inst ID: msw.i
Smp Info : IC;20
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W8260LOW.M
Meth Date : 06-Feb-2009 10:05 msw.i Quant Type: ISTD
Cal Date : 05-FEB-2009 21:48 Cal File: W2741.D
Als bottle: 41 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	477621	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	165440	20.0000	22
3	Chloromethane	50	1.159	1.159	(0.233)	157024	20.0000	23
4	Vinyl Chloride	62	1.175	1.175	(0.237)	167678	20.0000	22
5	Bromomethane	94	1.367	1.367	(0.275)	71880	20.0000	21
6	Chloroethane	64	1.448	1.448	(0.291)	98370	20.0000	27
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	338110	20.0000	22
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	289216	20.0000	22
9	Ethyl Ether	45	1.737	1.737	(0.350)	84870	20.0000	21
10	Ethanol	45	1.795	1.795	(0.361)	62321	200.000	220
11	Freon 141	81	1.795	1.795	(0.361)	289206	20.0000	21
12	Freon 123	67	1.913	1.913	(0.385)	37565	20.0000	21
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	155453	20.0000	22
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	129839	20.0000	21
15	Carbon Disulfide	76	1.886	1.886	(0.380)	428906	20.0000	22
16	Iodomethane	142	1.972	1.972	(0.397)	105423	20.0000	17
17	Acrolein	56	2.111	2.111	(0.425)	69157	100.000	110
18	2-Propanol	45	2.255	2.255	(0.454)	14234	20.0000	19
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	184148	20.0000	22
20	Methylene Chloride	84	2.304	2.304	(0.464)	157615	20.0000	22
21	Acetone	43	2.346	2.346	(0.472)	53861	20.0000	22
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	156825	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.495)	607635	20.0000	22
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	480413	20.0000	21
	25 tert-Butyl alcohol	59	2.641	2.641	(0.532)	76227	100.000	100
	26 Acetonitrile	41	2.748	2.748	(0.553)	192216	200.000	200
	27 Isopropyl ether	45	2.919	2.919	(0.588)	402627	20.0000	20
	28 tert-Butyl ethyl ether	59	3.299	3.299	(0.664)	444591	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.994	2.994	(0.603)	119110	20.0000	21
	30 Acrylonitrile	53	3.058	3.058	(0.616)	122826	40.0000	45
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	279768	20.0000	22
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	190300	20.0000	22
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	169191	20.0000	22
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	224894	20.0000	22
	35 Bromochloromethane	128	3.780	3.780	(0.761)	93130	20.0000	22
	36 1-Bromopropane	43	3.764	3.764	(0.758)	202165	20.0000	22
	37 Cyclohexane	84	3.780	3.780	(0.761)	208449	20.0000	21
	38 Chloroform	83	3.887	3.887	(0.782)	289236	20.0000	21
	39 Ethyl Acetate	43	4.042	4.042	(0.814)	33733	40.0000	44
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	129642	20.0000	20
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	162139	20.0000	22
	42 Tetrahydrofuran	42	4.037	4.037	(0.813)	94537	40.0000	44
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	237803	20.0000	22
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	271880	20.0000	22
	45 2-Butanone	43	4.219	4.219	(0.849)	65173	20.0000	21
	46 1,1-Dichloropropene	75	4.224	4.224	(0.850)	212506	20.0000	21
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	411631	20.0000	20
	48 tert-Butyl formate	57	4.850	4.850	(0.976)	30503	20.0000	23
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	301272	20.0000	23
	50 Heptane	43	4.513	4.513	(0.908)	103578	20.0000	21
	51 Propionitrile	54	4.524	4.524	(0.911)	236758	200.000	220
	52 Benzene	78	4.492	4.492	(0.904)	625272	20.0000	22
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.916)	97827	20.0000	23(M)
	54 Isobutyl alcohol	42	4.668	4.668	(0.940)	24278	200.000	230
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	194622	20.0000	21
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	239533	20.0000	22
	59 Methyl Cyclohexane	83	5.139	5.139	(1.034)	197563	20.0000	21
	60 Trichloroethene	130	5.160	5.160	(1.039)	185794	20.0000	22
	61 Isopropyl Acetate	43	5.144	5.144	(1.036)	8594	40.0000	39(T)
	62 n-Butanol	56	5.647	5.647	(1.137)	22735	200.000	210
	63 Dibromomethane	93	5.615	5.615	(1.130)	106489	20.0000	21
	64 1,2-Dichloropropane	63	5.738	5.738	(1.155)	149020	20.0000	22
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	218187	20.0000	22
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	118142	20.0000	19
	67 1,4-Dioxane	58	6.086	6.086	(1.225)	9871	200.000	190
	68 n-Propyl Acetate	43	6.573	6.573	(1.323)	38263	40.0000	38
	69 2-Chloroethylvinylether	63	6.573	6.573	(1.323)	61190	20.0000	19
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	249229	20.0000	21
	71 Chloroacetonitrile	48	7.076	7.076	(1.424)	48666	200.000	200
	72 2-Nitropropane	41	7.150	7.150	(1.439)	85626	40.0000	40
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.490)	246570	20.0000	21
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.527)	147992	20.0000	23
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	400284	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	681766	20.0000	23
$	77 Toluene-d8	98	6.813	6.813	(0.782)	573878	20.0000	24
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	351872	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	111030	20.0000	20
80	Tetrachloroethene	164	7.327	7.327	(0.841)	138889	20.0000	22
81	Ethyl Methacrylate	69	7.675	7.675	(0.881)	95854	20.0000	20
82	Dibromochloromethane	129	7.787	7.787	(0.894)	179184	20.0000	23
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	256422	20.0000	23
84	1,2-Dibromoethane	107	8.033	8.033	(0.922)	152606	20.0000	22
85	n-Butyl Acetate	56	8.376	8.376	(0.961)	66607	20.0000	21
86	2-Hexanone	43	8.434	8.434	(0.968)	77156	20.0000	19
87	1-Chlorohexane	91	8.793	8.793	(1.009)	168035	20.0000	22(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	452418	20.0000	22
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.015)	170121	20.0000	23
90	Ethylbenzene	106	8.814	8.814	(1.012)	241680	20.0000	22
91	Xylene (total)mp	106	9.017	9.017	(1.035)	575806	40.0000	44
92	Xylene (total)o	106	9.520	9.520	(1.093)	252265	20.0000	21
93	Styrene	104	9.585	9.585	(1.100)	428010	20.0000	21
94	Bromoform	173	9.569	9.569	(1.098)	118345	20.0000	21
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	236131	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	599217	20.0000	21
97	Bromobenzene	156	10.205	10.205	(0.917)	194875	20.0000	22
98	1,1,2,2-Tetrachloroethane	83	10.366	10.366	(0.932)	175272	20.0000	22
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	658027	20.0000	22
100	1,2,3-Trichloropropane	110	10.457	10.457	(0.940)	65096	20.0000	21
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	101007	40.0000	42
102	n-Propylbenzene	91	10.285	10.285	(0.925)	698478	20.0000	21
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	555870	20.0000	22
104	4-Chlorotoluene	91	10.558	10.558	(0.949)	511734	20.0000	22
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	557589	20.0000	22
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	422658	20.0000	21
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	551011	20.0000	22
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	586151	20.0000	22
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	508206	20.0000	21
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	347479	20.0000	23
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	352985	20.0000	22
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	340362	20.0000	22
113	Benzyl Chloride	126	11.350	11.350	(1.020)	75855	20.0000	20
114	1,4-Diethylbenzene	119	11.345	11.345	(1.020)	264881	20.0000	20
115	n-Butylbenzene	91	11.382	11.382	(1.023)	451884	20.0000	22
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	404745	20.0000	19
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	36986	20.0000	20
120	Nitrobenzene	77	12.489	12.489	(1.123)	64090	200.000	170
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	190337	20.0000	19
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	101987	20.0000	21
123	Naphthalene	128	12.805	12.805	(1.151)	413466	20.0000	20
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	190033	20.0000	20
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	188884	20.0000	22
M 126	1,2-Dichloroethene (total)	100				326016	40.0000	43
M 127	Xylene (total)	100				828071	60.0000	65

QC Flag Legend

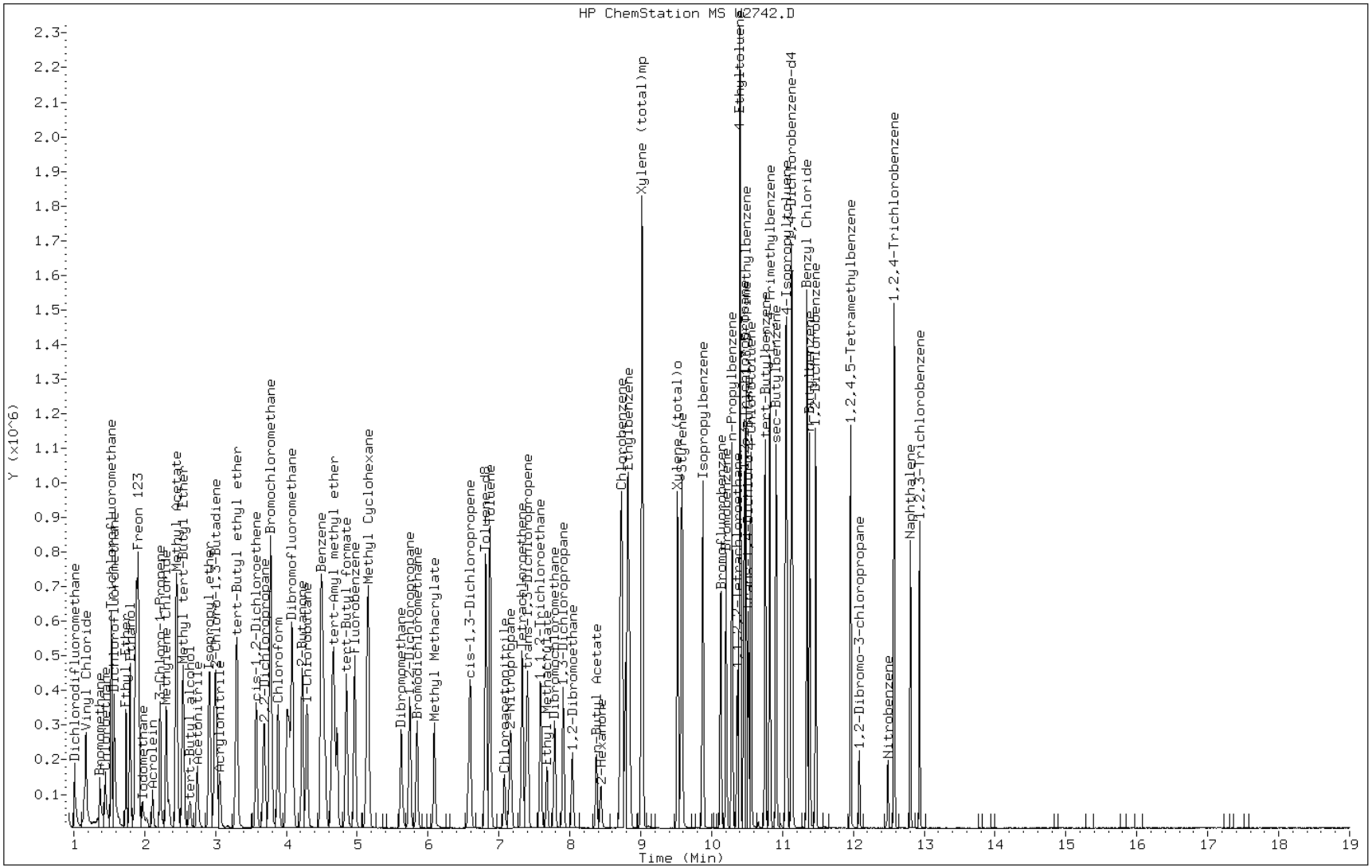
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: W2742.D

Date: 05-FEB-2009 22:17

Client ID: IC;20 Instrument: msw.i

Sample Info: IC;20 Operator: D. HUMBERT



Manual Integration Report

Data File: W2742.D
Inj. Date and Time: 05-FEB-2009 22:17
Instrument ID: msw.i
Client ID: IC;20
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/09/2009

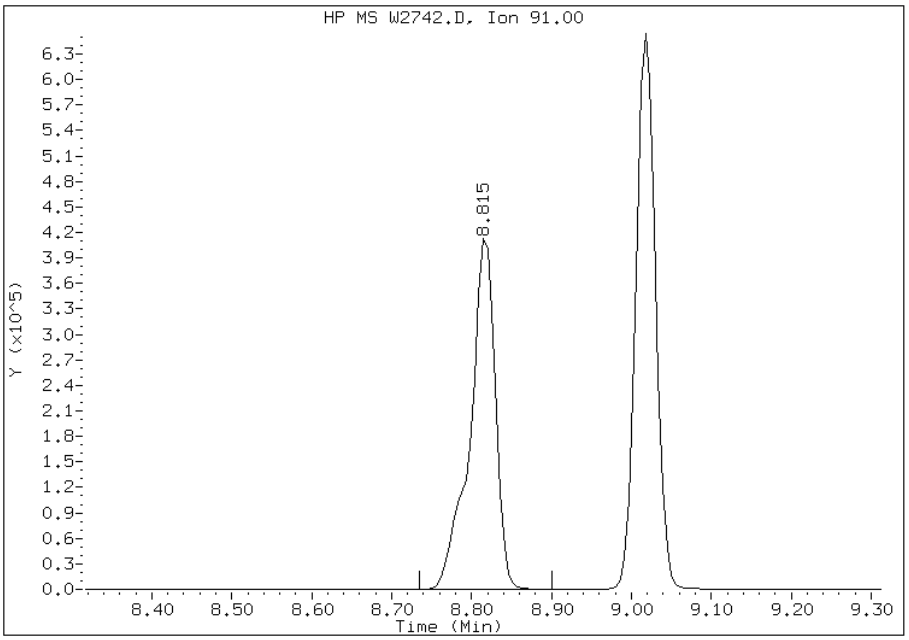
Processing Integration Results

RT: 8.81

Response: 908936

Amount: 117

Conc: 117



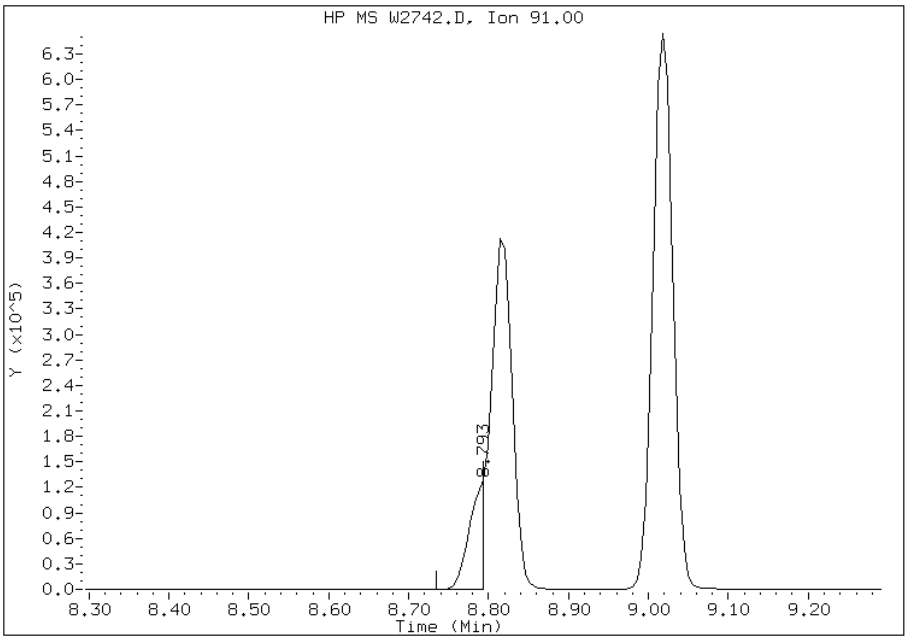
Manual Integration Results

RT: 8.79

Response: 168035

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2742.D
Inj. Date and Time: 05-FEB-2009 22:17
Instrument ID: msw.i
Client ID: IC;20
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/09/2009

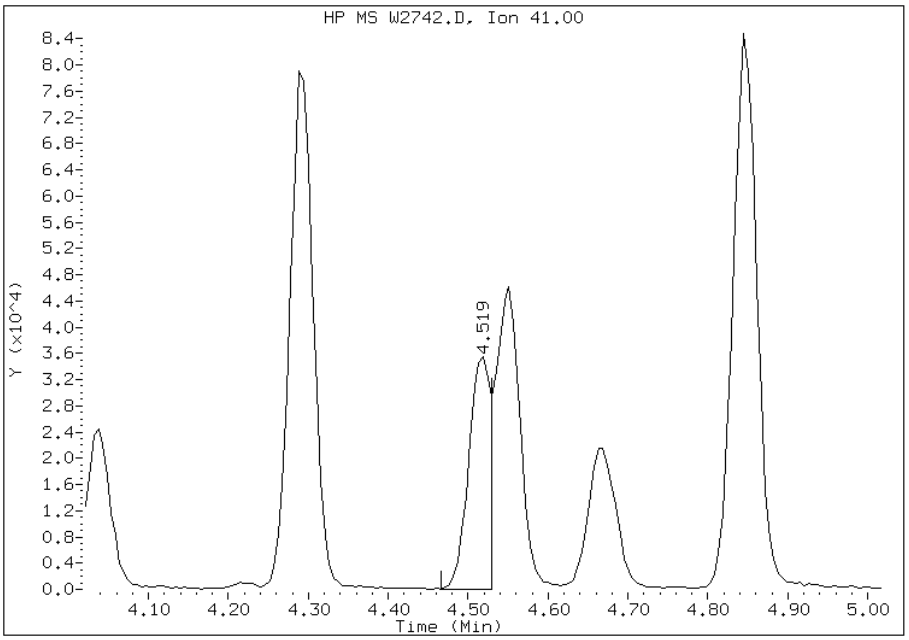
Processing Integration Results

RT: 4.52

Response: 69301

Amount: 16

Conc: 16



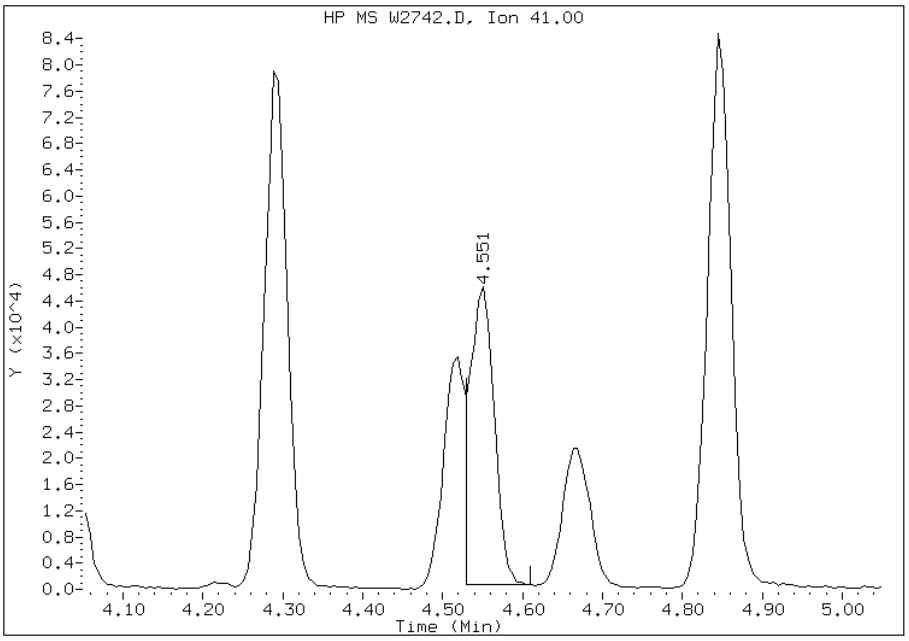
Manual Integration Results

RT: 4.55

Response: 97827

Amount: 23

Conc: 23



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W2743.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 05-FEB-2009 22:46 MS Autotune Date: 16-JAN-2009 15:45
Operator : D. HUMBERT Inst ID: msw.i
Smp Info : IC;50
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W8260LOW.M
Meth Date : 06-Feb-2009 10:05 msw.i Quant Type: ISTD
Cal Date : 05-FEB-2009 22:17 Cal File: W2742.D
Als bottle: 42 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	613810	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	432222	50.0000	45
3	Chloromethane	50	1.159	1.159	(0.233)	419728	50.0000	47
4	Vinyl Chloride	62	1.175	1.175	(0.237)	447757	50.0000	46
5	Bromomethane	94	1.367	1.367	(0.275)	204978	50.0000	47
6	Chloroethane	64	1.442	1.442	(0.290)	228691	50.0000	51
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	865647	50.0000	45
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	751891	50.0000	44
9	Ethyl Ether	45	1.742	1.742	(0.351)	225949	50.0000	44
10	Ethanol	45	1.795	1.795	(0.361)	162216	500.000	460
11	Freon 141	81	1.795	1.795	(0.361)	757117	50.0000	43
12	Freon 123	67	1.913	1.913	(0.385)	96308	50.0000	42
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	406859	50.0000	44
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	350882	50.0000	45
15	Carbon Disulfide	76	1.886	1.886	(0.380)	1122677	50.0000	44
16	Iodomethane	142	1.972	1.972	(0.397)	413996	50.0000	45
17	Acrolein	56	2.111	2.111	(0.425)	222756	250.000	250
18	2-Propanol	45	2.255	2.255	(0.454)	44024	50.0000	44
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	517037	50.0000	48
20	Methylene Chloride	84	2.309	2.309	(0.465)	412626	50.0000	44
21	Acetone	43	2.346	2.346	(0.472)	143816	50.0000	44
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	415578	50.0000	44

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.495)	1630643	50.0000	45
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	1332652	50.0000	44
	25 tert-Butyl alcohol	59	2.640	2.640	(0.532)	216503	250.000	210
	26 Acetonitrile	41	2.747	2.747	(0.553)	517464	500.000	430
	27 Isopropyl ether	45	2.919	2.919	(0.588)	1169570	50.0000	44
	28 tert-Butyl ethyl ether	59	3.298	3.298	(0.664)	1273640	50.0000	44
	29 2-Chloro-1,3-Butadiene	88	2.994	2.994	(0.603)	339805	50.0000	44
	30 Acrylonitrile	53	3.063	3.063	(0.617)	328580	100.000	93
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	744109	50.0000	45
	32 Vinyl Acetate	43	3.298	3.298	(0.664)	609975	50.0000	49
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	460620	50.0000	46
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	618047	50.0000	47
	35 Bromochloromethane	128	3.780	3.780	(0.761)	242662	50.0000	45
	36 1-Bromopropane	43	3.764	3.764	(0.758)	560200	50.0000	48
	37 Cyclohexane	84	3.780	3.780	(0.761)	579879	50.0000	44
	38 Chloroform	83	3.887	3.887	(0.782)	778977	50.0000	44
	39 Ethyl Acetate	43	4.037	4.037	(0.813)	95724	100.000	98
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	382715	50.0000	44
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	436993	50.0000	45
	42 Tetrahydrofuran	42	4.037	4.037	(0.813)	270826	100.000	98
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	636187	50.0000	45
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	723326	50.0000	45
	45 2-Butanone	43	4.219	4.219	(0.849)	180268	50.0000	44
	46 1,1-Dichloropropene	75	4.224	4.224	(0.850)	596526	50.0000	44
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	1198192	50.0000	44
	48 tert-Butyl formate	57	4.845	4.845	(0.975)	82586	50.0000	48
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	828424	50.0000	49
	50 Heptane	43	4.513	4.513	(0.908)	294970	50.0000	44
	51 Propionitrile	54	4.524	4.524	(0.911)	630403	500.000	450
	52 Benzene	78	4.491	4.491	(0.904)	1685398	50.0000	46
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.916)	254394	50.0000	46(M)
	54 Isobutyl alcohol	42	4.668	4.668	(0.940)	61179	500.000	460
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	513114	50.0000	44
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	635106	50.0000	44
	59 Methyl Cyclohexane	83	5.139	5.139	(1.034)	570141	50.0000	44
	60 Trichloroethene	130	5.160	5.160	(1.039)	507144	50.0000	47
	61 Isopropyl Acetate	43	5.139	5.139	(1.034)	27158	100.000	92
	62 n-Butanol	56	5.647	5.647	(1.137)	76580	500.000	500
	63 Dibromomethane	93	5.620	5.620	(1.131)	281928	50.0000	44
	64 1,2-Dichloropropane	63	5.738	5.738	(1.155)	409219	50.0000	47
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	588692	50.0000	46
	66 Methyl Methacrylate	69	6.086	6.086	(1.225)	379490	50.0000	44
	67 1,4-Dioxane	58	6.086	6.086	(1.225)	30399	500.000	430
	68 n-Propyl Acetate	43	6.567	6.567	(1.322)	123867	100.000	87
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.322)	196037	50.0000	43
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	712767	50.0000	44
	71 Chloroacetonitrile	48	7.075	7.075	(1.424)	142143	500.000	440
	72 2-Nitropropane	41	7.150	7.150	(1.439)	248462	100.000	86
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.490)	701320	50.0000	44
	74 1,1,2-Trichloroethane	97	7.589	7.589	(1.528)	402126	50.0000	48
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	524149	25.0000	
	76 Toluene	91	6.872	6.872	(0.788)	1863839	50.0000	48
$	77 Toluene-d8	98	6.813	6.813	(0.782)	1606321	50.0000	51
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.822)	1025640	250.000	220

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	348892	50.0000	43
80	Tetrachloroethene	164	7.327	7.327	(0.840)	377422	50.0000	46
81	Ethyl Methacrylate	69	7.675	7.675	(0.880)	369905	50.0000	50
82	Dibromochloromethane	129	7.787	7.787	(0.893)	499997	50.0000	49
83	1,3-Dichloropropane	76	7.910	7.910	(0.907)	705150	50.0000	49
84	1,2-Dibromoethane	107	8.033	8.033	(0.921)	422022	50.0000	44
85	n-Butyl Acetate	56	8.375	8.375	(0.961)	221308	50.0000	49
86	2-Hexanone	43	8.440	8.440	(0.968)	251195	50.0000	43
87	1-Chlorohexane	91	8.793	8.793	(1.009)	467928	50.0000	46(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	1233670	50.0000	46
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.014)	467668	50.0000	48
90	Ethylbenzene	106	8.819	8.819	(1.012)	656356	50.0000	45
91	Xylene (total)mp	106	9.017	9.017	(1.034)	1587679	100.000	90
92	Xylene (total)o	106	9.520	9.520	(1.092)	742892	50.0000	44
93	Styrene	104	9.584	9.584	(1.099)	1249076	50.0000	45
94	Bromoform	173	9.568	9.568	(1.098)	343020	50.0000	44
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	305849	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	1744497	50.0000	45
97	Bromobenzene	156	10.205	10.205	(0.917)	535497	50.0000	48
98	1,1,2,2-Tetrachloroethane	83	10.365	10.365	(0.932)	481137	50.0000	46
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	1829147	50.0000	45
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	177018	50.0000	45
101	trans-1,4-Dichloro-2-Butene	53	10.521	10.521	(0.946)	299486	100.000	91
102	n-Propylbenzene	91	10.285	10.285	(0.925)	1997990	50.0000	46
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	1515725	50.0000	45
104	4-Chlorotoluene	91	10.558	10.558	(0.949)	1391831	50.0000	45
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	1507224	50.0000	45
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	1234373	50.0000	45
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	1551504	50.0000	45
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	1643627	50.0000	45
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	1490775	50.0000	45
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	936708	50.0000	47
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	964938	50.0000	46
112	1,2-Dichlorobenzene	146	11.467	11.467	(1.031)	930740	50.0000	47
113	Benzyl Chloride	126	11.350	11.350	(1.020)	226703	50.0000	44
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	797640	50.0000	44
115	n-Butylbenzene	91	11.382	11.382	(1.023)	1258050	50.0000	45
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	1384293	50.0000	44
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	108813	50.0000	43
120	Nitrobenzene	77	12.489	12.489	(1.123)	310304	500.000	510
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	618114	50.0000	44
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	294014	50.0000	44
123	Naphthalene	128	12.805	12.805	(1.151)	1530985	50.0000	50
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	589071	50.0000	44
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	548189	50.0000	49
M 126	1,2-Dichloroethene (total)	100				876198	100.000	90
M 127	Xylene (total)	100				2330571	150.000	130

QC Flag Legend

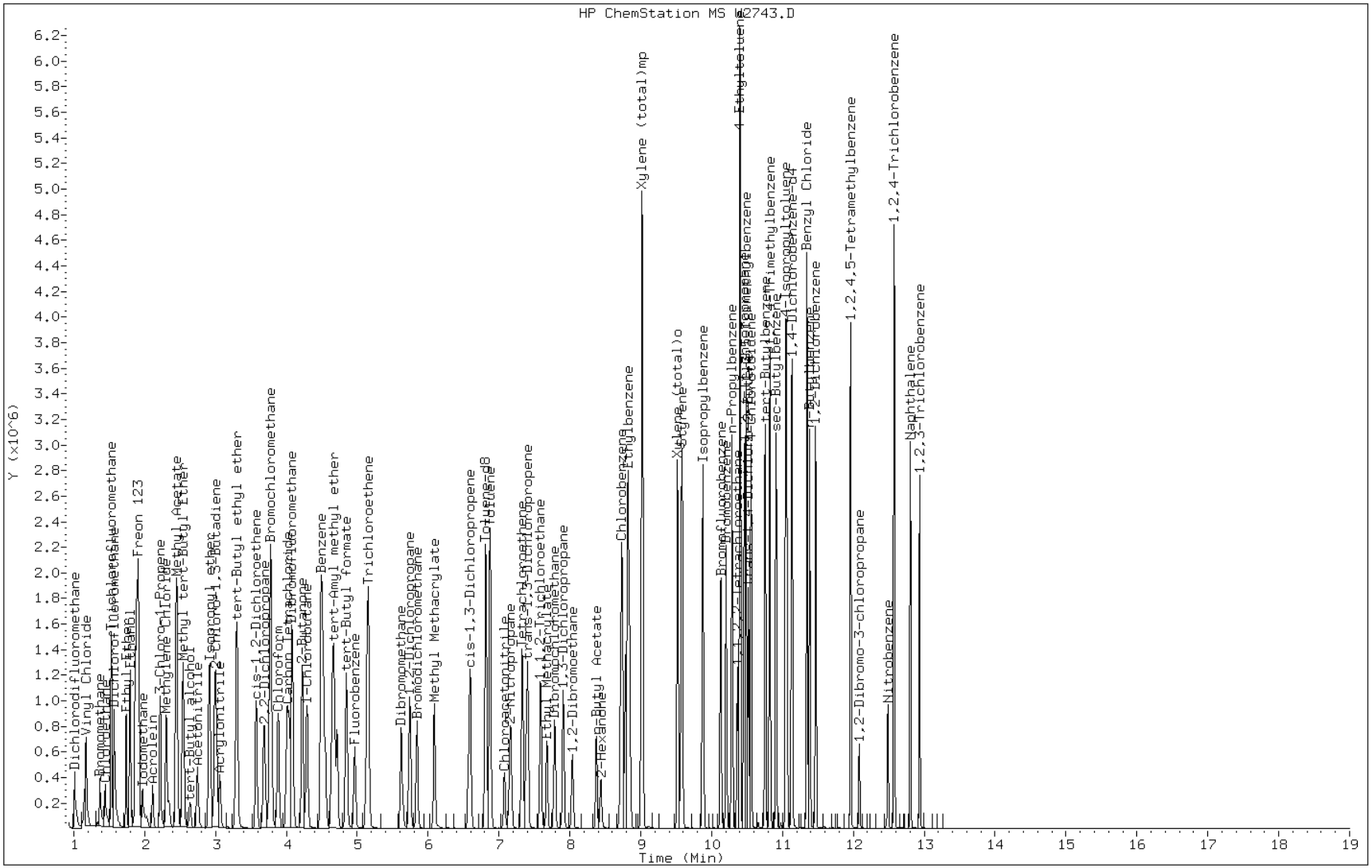
M - Compound response manually integrated.

Data File: W2743.D

Date: 05-FEB-2009 22:46

Client ID: IC;50 Instrument: msw.i

Sample Info: IC;50 Operator: D. HUMBERT



Manual Integration Report

Data File: W2743.D
Inj. Date and Time: 05-FEB-2009 22:46
Instrument ID: msw.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/09/2009

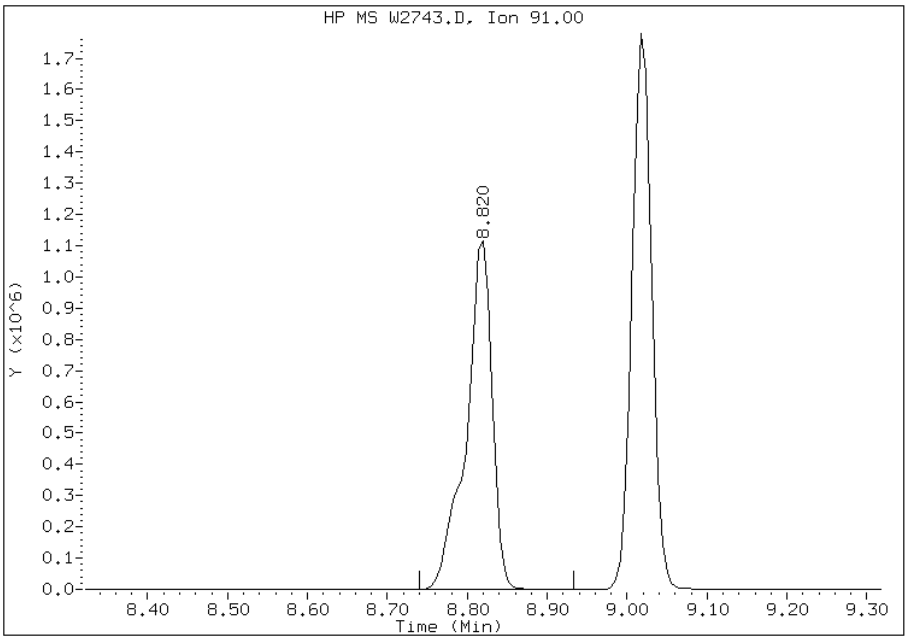
Processing Integration Results

RT: 8.82

Response: 2512190

Amount: 247

Conc: 247



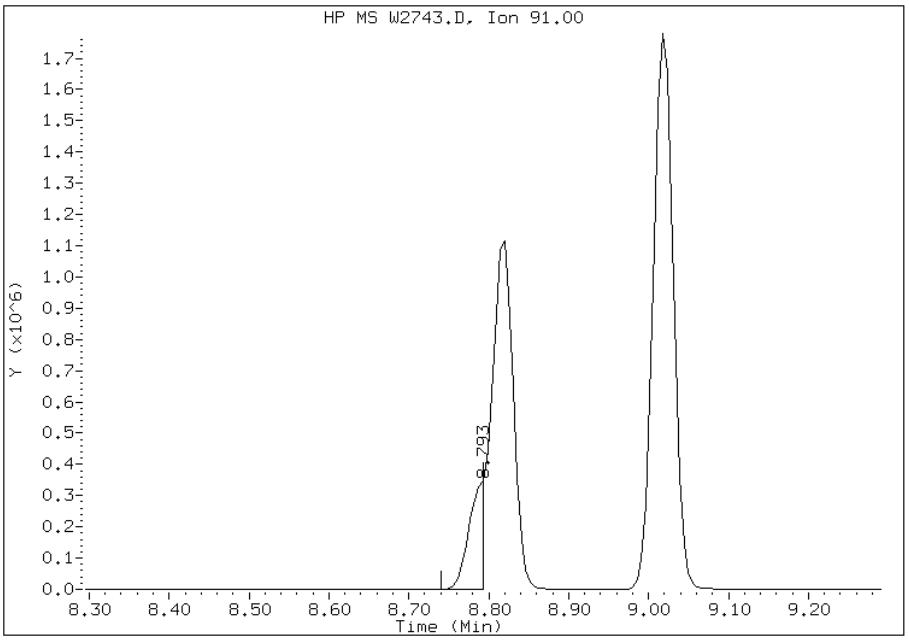
Manual Integration Results

RT: 8.79

Response: 467928

Amount: 46

Conc: 46



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2743.D
Inj. Date and Time: 05-FEB-2009 22:46
Instrument ID: msw.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/09/2009

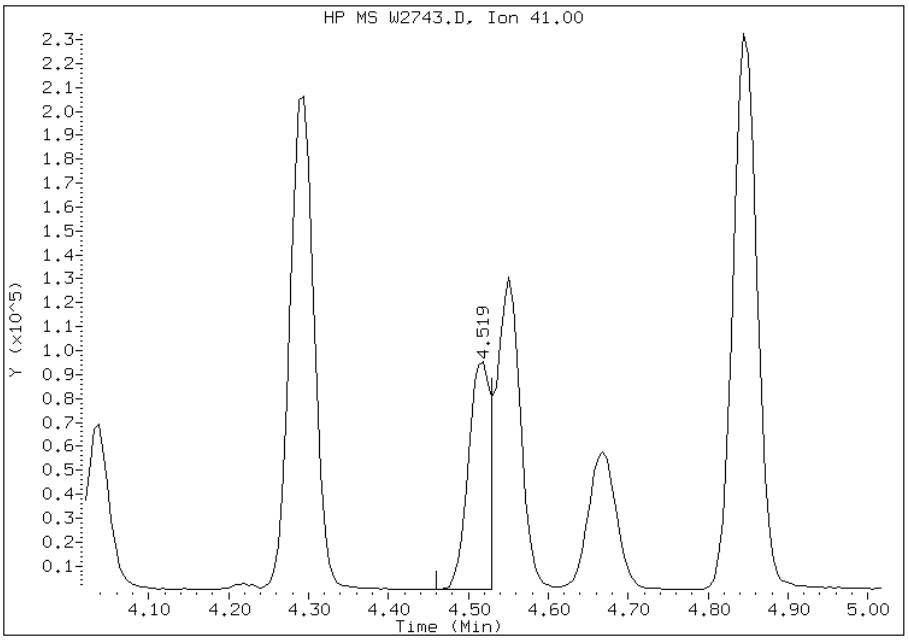
Processing Integration Results

RT: 4.52

Response: 188334

Amount: 34

Conc: 34



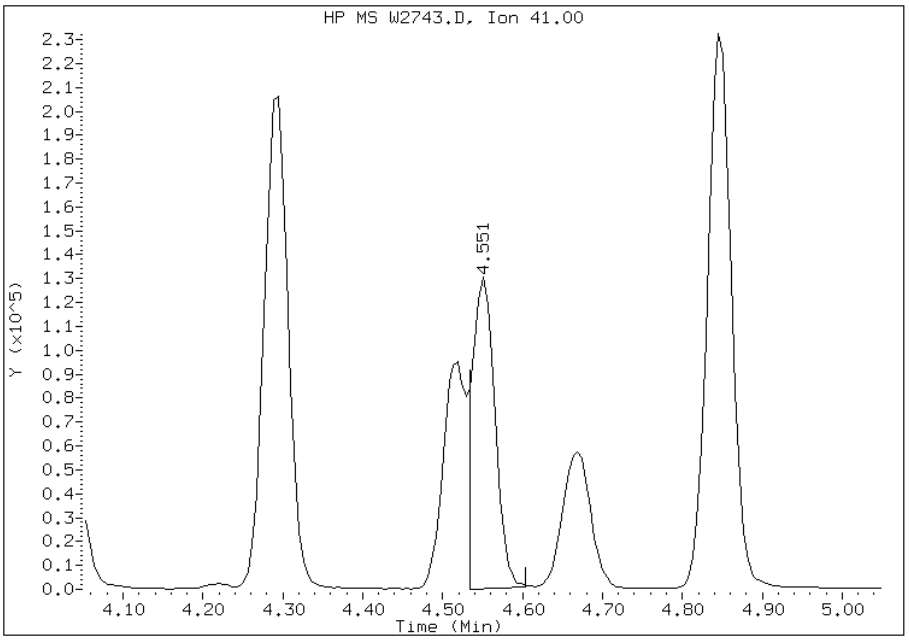
Manual Integration Results

RT: 4.55

Response: 254394

Amount: 46

Conc: 46



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W2744.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 05-FEB-2009 23:16 MS Autotune Date: 16-JAN-2009 15:45
Operator : D. HUMBERT Inst ID: msw.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092736.b\W8260LOW.M
Meth Date : 06-Feb-2009 10:05 msw.i Quant Type: ISTD
Cal Date : 05-FEB-2009 22:46 Cal File: W2743.D
Als bottle: 43 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	549217	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	878263	100.000	100(A)
3	Chloromethane	50	1.159	1.159	(0.233)	873985	100.000	110(A)
4	Vinyl Chloride	62	1.175	1.175	(0.237)	935145	100.000	110(A)
5	Bromomethane	94	1.367	1.367	(0.275)	439898	100.000	110(A)
6	Chloroethane	64	1.442	1.442	(0.290)	384862	100.000	98
7	Trichlorofluoromethane	101	1.528	1.528	(0.308)	1671114	100.000	97
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	1500052	100.000	97
9	Ethyl Ether	45	1.742	1.742	(0.351)	465706	100.000	100(A)
10	Ethanol	45	1.795	1.795	(0.361)	307679	1000.00	970
11	Freon 141	81	1.795	1.795	(0.361)	1507220	100.000	97
12	Freon 123	67	1.913	1.913	(0.385)	198586	100.000	96
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	844424	100.000	100(A)
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	726849	100.000	100(A)
15	Carbon Disulfide	76	1.886	1.886	(0.380)	2337128	100.000	100(A)
16	Iodomethane	142	1.972	1.972	(0.397)	884887	100.000	100(A)
17	Acrolein	56	2.111	2.111	(0.425)	532446	500.000	500(A)
18	2-Propanol	45	2.261	2.261	(0.455)	93965	100.000	100(A)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	1104303	100.000	110(A)
20	Methylene Chloride	84	2.309	2.309	(0.465)	854010	100.000	100(A)
21	Acetone	43	2.352	2.352	(0.473)	300473	100.000	100(A)
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	863947	100.000	100(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.495)	3406964	100.000	100(A)
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	2831615	100.000	100(A)
	25 tert-Butyl alcohol	59	2.646	2.646	(0.533)	478405	500.000	510(A)
	26 Acetonitrile	41	2.748	2.748	(0.553)	1097698	1000.00	1000(A)
	27 Isopropyl ether	45	2.919	2.919	(0.588)	2474989	100.000	100(A)
	28 tert-Butyl ethyl ether	59	3.299	3.299	(0.664)	2708255	100.000	100(A)
	29 2-Chloro-1,3-Butadiene	88	2.994	2.994	(0.603)	716134	100.000	100(A)
	30 Acrylonitrile	53	3.063	3.063	(0.617)	681443	200.000	220(A)
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	1526250	100.000	100(A)
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	1409592	100.000	100(A)
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	969914	100.000	110(A)
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	1288737	100.000	110(A)
	35 Bromochloromethane	128	3.780	3.780	(0.761)	474516	100.000	98
	36 1-Bromopropane	43	3.764	3.764	(0.758)	1165122	100.000	110(A)
	37 Cyclohexane	84	3.780	3.780	(0.761)	1212129	100.000	100(A)
	38 Chloroform	83	3.887	3.887	(0.782)	1595851	100.000	100(A)
	39 Ethyl Acetate	43	4.042	4.042	(0.814)	208389	200.000	240(A)
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	830690	100.000	100(A)
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	933285	100.000	110(A)
	42 Tetrahydrofuran	42	4.037	4.037	(0.813)	584251	200.000	240(A)
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	1307881	100.000	100(A)
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	1488609	100.000	100(A)
	45 2-Butanone	43	4.219	4.219	(0.849)	388533	100.000	110(A)
	46 1,1-Dichloropropene	75	4.224	4.224	(0.850)	1252307	100.000	100(A)
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	2587236	100.000	100(A)
	48 tert-Butyl formate	57	4.845	4.845	(0.975)	154798	100.000	100(A)
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	1742250	100.000	120(A)
	50 Heptane	43	4.513	4.513	(0.908)	624305	100.000	100(A)
	51 Propionitrile	54	4.524	4.524	(0.911)	1310477	1000.00	1000(A)
	52 Benzene	78	4.492	4.492	(0.904)	3500557	100.000	110(A)
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.916)	558638	100.000	110(AM)
	54 Isobutyl alcohol	42	4.668	4.668	(0.940)	120282	1000.00	1000(A)
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	1072154	100.000	100(A)
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	1295821	100.000	100(A)
	59 Methyl Cyclohexane	83	5.139	5.139	(1.034)	1204257	100.000	100(A)
	60 Trichloroethene	130	5.160	5.160	(1.039)	1045192	100.000	110(A)
	61 Isopropyl Acetate	43	5.139	5.139	(1.034)	54448	200.000	200(A)
	62 n-Butanol	56	5.647	5.647	(1.137)	194338	1000.00	1000(A)
	63 Dibromomethane	93	5.620	5.620	(1.131)	590149	100.000	100(A)
	64 1,2-Dichloropropane	63	5.743	5.743	(1.156)	864284	100.000	110(A)
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	1222629	100.000	110(A)
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	828891	100.000	100(A)
	67 1,4-Dioxane	58	6.086	6.086	(1.225)	67793	1000.00	1000(A)
	68 n-Propyl Acetate	43	6.567	6.567	(1.322)	272932	200.000	200(A)
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.322)	436870	100.000	100(A)
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	1502287	100.000	100(A)
	71 Chloroacetonitrile	48	7.081	7.081	(1.425)	301992	1000.00	1000(A)
	72 2-Nitropropane	41	7.150	7.150	(1.439)	543944	200.000	200(A)
	73 trans-1,3-Dichloropropene	75	7.407	7.407	(1.491)	1471205	100.000	100(A)
	74 1,1,2-Trichloroethane	97	7.589	7.589	(1.528)	840957	100.000	110(A)
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	474919	25.0000	
	76 Toluene	91	6.872	6.872	(0.788)	3874493	100.000	110(A)
$	77 Toluene-d8	98	6.813	6.813	(0.782)	3477870	100.000	120(A)
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.822)	2230246	500.000	510(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	775923	100.000	100(A)
80	Tetrachloroethene	164	7.327	7.327	(0.840)	792215	100.000	100(A)
81	Ethyl Methacrylate	69	7.675	7.675	(0.880)	926578	100.000	100
82	Dibromochloromethane	129	7.787	7.787	(0.893)	1053534	100.000	110(A)
83	1,3-Dichloropropane	76	7.910	7.910	(0.907)	1490472	100.000	110(A)
84	1,2-Dibromoethane	107	8.038	8.038	(0.922)	896180	100.000	100(A)
85	n-Butyl Acetate	56	8.376	8.376	(0.961)	510998	100.000	100(A)
86	2-Hexanone	43	8.440	8.440	(0.968)	561632	100.000	100(A)
87	1-Chlorohexane	91	8.793	8.793	(1.009)	958514	100.000	100(AM)
88	Chlorobenzene	112	8.734	8.734	(1.002)	2584921	100.000	110(A)
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.014)	967700	100.000	110(A)
90	Ethylbenzene	106	8.820	8.820	(1.012)	1367444	100.000	100(A)
91	Xylene (total)mp	106	9.017	9.017	(1.034)	3306754	200.000	200(A)
92	Xylene (total)o	106	9.520	9.520	(1.092)	1579401	100.000	100(A)
93	Styrene	104	9.585	9.585	(1.099)	2648341	100.000	100(A)
94	Bromoform	173	9.568	9.568	(1.098)	739530	100.000	100(A)
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	280824	25.0000	
96	Isopropylbenzene	105	9.873	9.873	(0.887)	3665375	100.000	100(A)
97	Bromobenzene	156	10.205	10.205	(0.917)	1117731	100.000	110(A)
98	1,1,2,2-Tetrachloroethane	83	10.366	10.366	(0.932)	1016996	100.000	100(A)
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	3824726	100.000	100(A)
100	1,2,3-Trichloropropane	110	10.457	10.457	(0.940)	366923	100.000	100(A)
101	trans-1,4-Dichloro-2-Butene	53	10.521	10.521	(0.946)	627360	200.000	200(A)
102	n-Propylbenzene	91	10.285	10.285	(0.925)	4169231	100.000	100(A)
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	3141869	100.000	100(A)
104	4-Chlorotoluene	91	10.558	10.558	(0.949)	2904290	100.000	100(A)
105	1,3,5-Trimethylbenzene	105	10.489	10.489	(0.943)	3159748	100.000	100(A)
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	2624058	100.000	100(A)
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	3250619	100.000	100(A)
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	3485217	100.000	100(A)
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	3161290	100.000	100(A)
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	1966978	100.000	110(A)
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	2035563	100.000	100(A)
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	1972268	100.000	110(A)
113	Benzyl Chloride	126	11.350	11.350	(1.020)	495183	100.000	100(A)
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	1739172	100.000	100(A)
115	n-Butylbenzene	91	11.382	11.382	(1.023)	2644751	100.000	100(A)
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	3115791	100.000	100(AH)
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	245220	100.000	100(A)
120	Nitrobenzene	77	12.489	12.489	(1.123)	923760	1000.00	1000
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	1383308	100.000	100(A)
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	635497	100.000	100(A)
123	Naphthalene	128	12.805	12.805	(1.151)	3583240	100.000	100
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	1306304	100.000	100(A)
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	1190774	100.000	120(A)
M 126	1,2-Dichloroethene (total)	100				1833861	200.000	210
M 127	Xylene (total)	100				4886155	300.000	300

QC Flag Legend

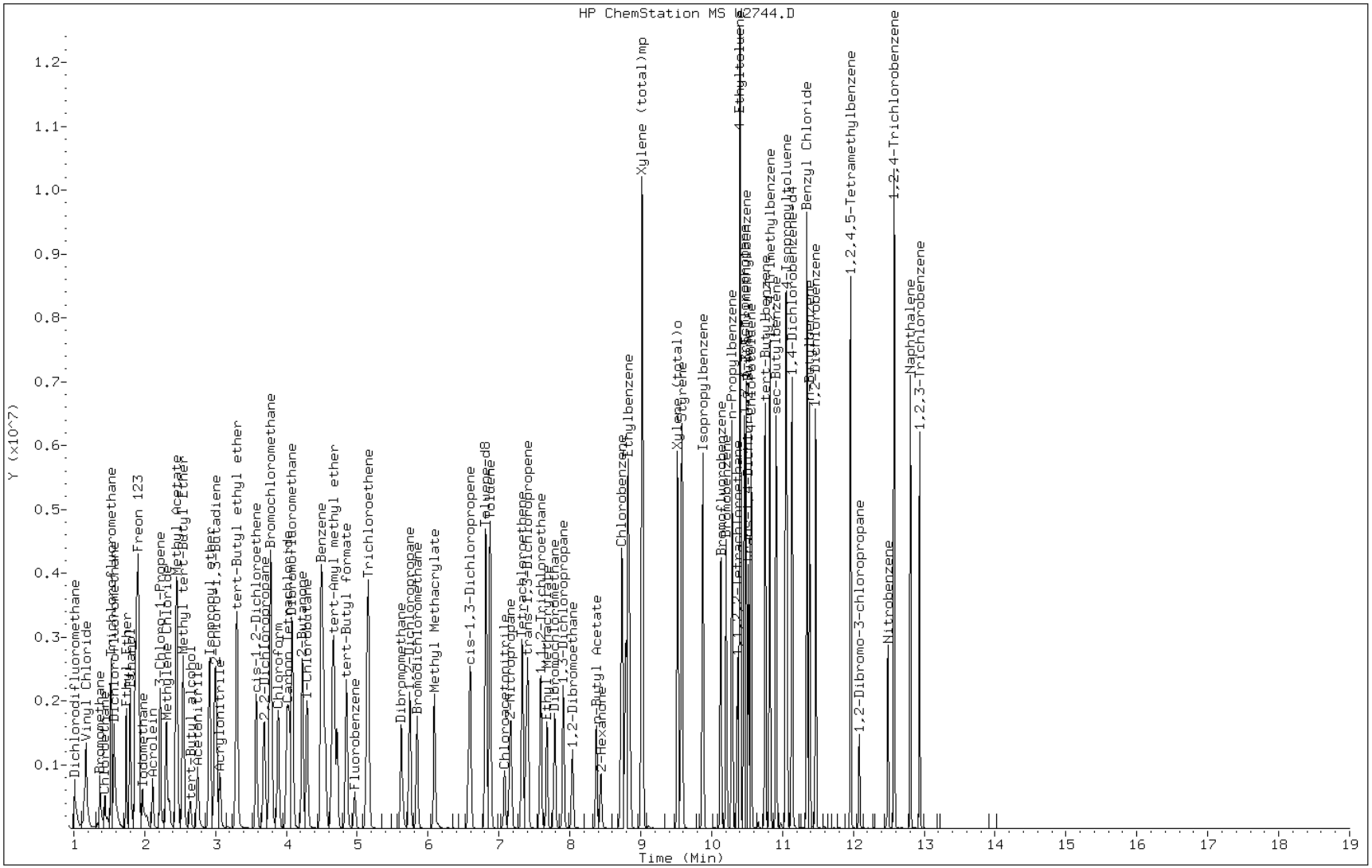
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W2744.D

Date: 05-FEB-2009 23:16

Client ID: IC;100 Instrument: msw.i

Sample Info: IC;100 Operator: D. HUMBERT



Manual Integration Report

Data File: W2744.D
Inj. Date and Time: 05-FEB-2009 23:16
Instrument ID: msw.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/09/2009

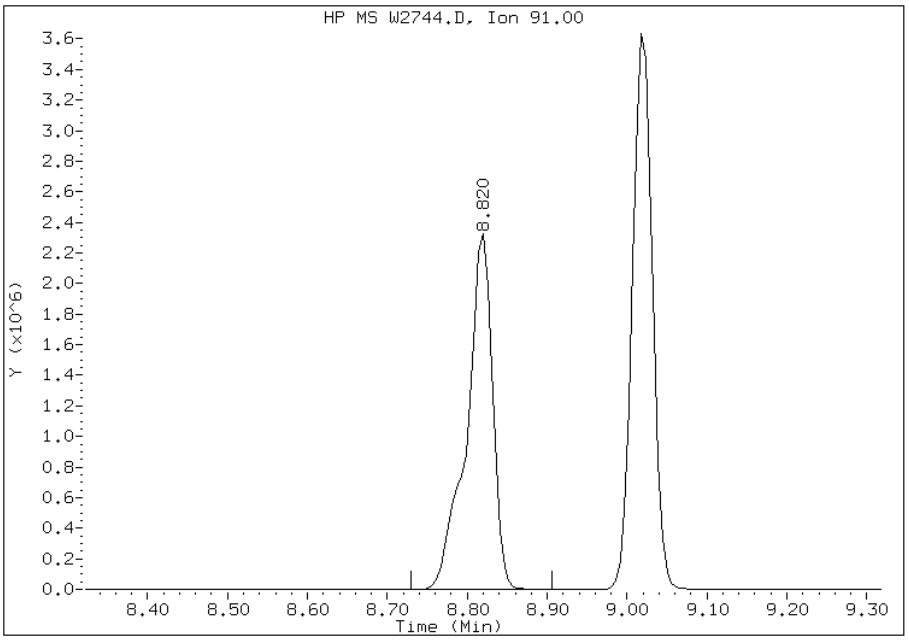
Processing Integration Results

RT: 8.82

Response: 5218054

Amount: 564

Conc: 564



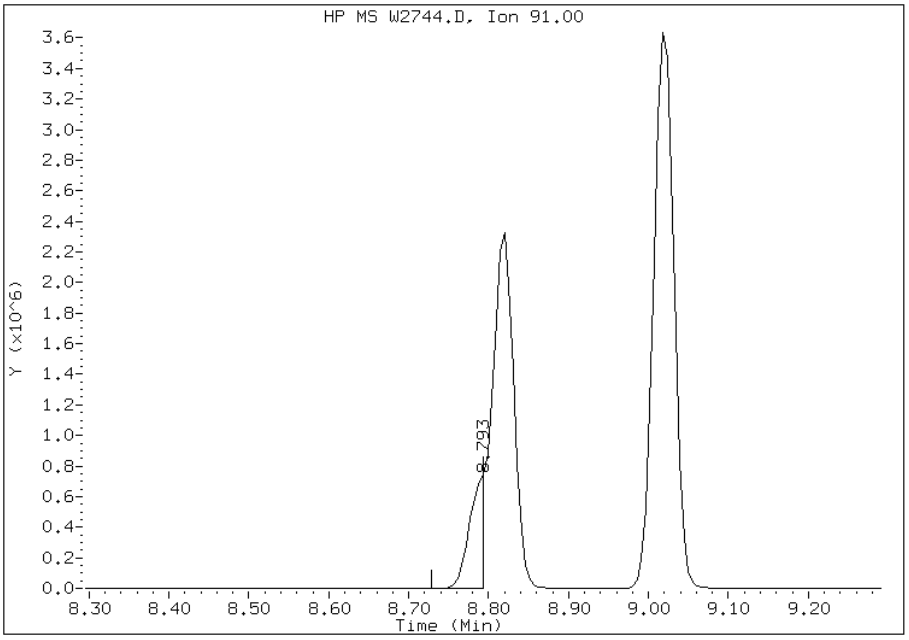
Manual Integration Results

RT: 8.79

Response: 958514

Amount: 101

Conc: 101



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2744.D
Inj. Date and Time: 05-FEB-2009 23:16
Instrument ID: msw.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/09/2009

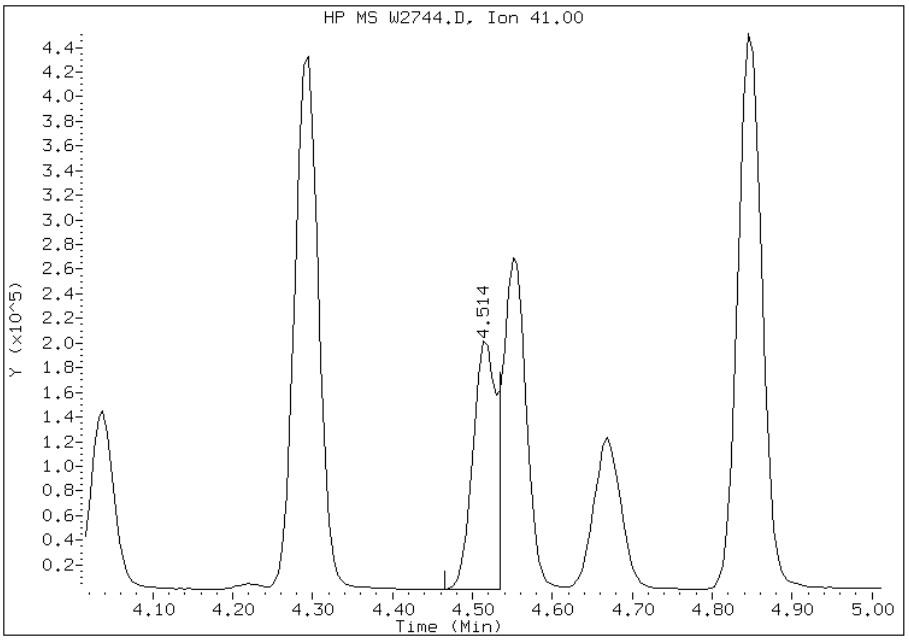
Processing Integration Results

RT: 4.51

Response: 435929

Amount: 88

Conc: 88



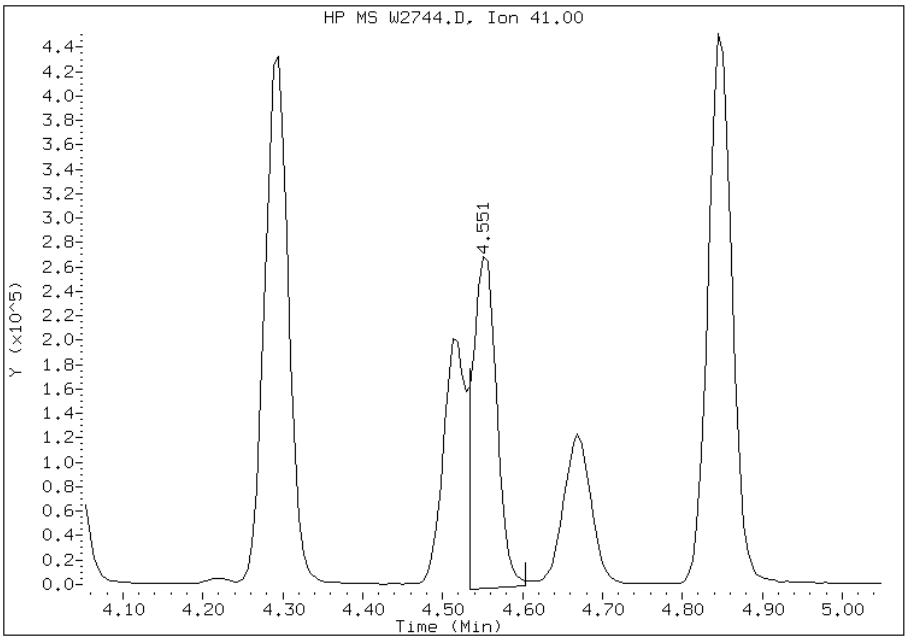
Manual Integration Results

RT: 4.55

Response: 558638

Amount: 113

Conc: 113



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24246/1 Calibration Date: 02/10/2009 10:27

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2830.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Lin	0.3572	0.2258		12.0	20.0	-40.0*	30.0
Chloromethane	Ave	0.3600	0.2952	0.1000	16.0	20.0	-18.0	30.0
Vinyl chloride	Ave	0.3930	0.3424		17.0	20.0	-12.9	20.0
Bromomethane	Ave	0.1789	0.1995		22.0	20.0	11.5	30.0
Chloroethane	Lin	0.2228	0.2419		25.0	20.0	25.7	30.0
Trichlorofluoromethane	Ave	0.7858	0.7754		20.0	20.0	-1.3	30.0
Dichlorofluoromethane	Ave	0.7026	0.7439		21.0	20.0	5.9	30.0
Ethyl ether	Ave	0.2098	0.2179		21.0	20.0	3.9	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.7094	0.6642		19.0	20.0	-6.4	30.0
Ethanol	Ave	0.0145	0.0150		210	200	3.4	30.0
1,1-Dichloroethene	Ave	0.3174	0.2544		16.0	20.0	-19.9	20.0
Carbon disulfide	Ave	1.026	0.8477		17.0	20.0	-17.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3762	0.3194		17.0	20.0	-15.1	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0937	0.0813		17.0	20.0	-13.2	30.0
Iodomethane	Lin	0.2235	0.1761		12.0	20.0	-38.6*	30.0
Acrolein	Qua	0.0345	0.0371		110	100	9.9	30.0
3-Chloro-1-propene	Ave	0.4422	0.4241		19.0	20.0	-4.1	30.0
Isopropyl alcohol	Lin	0.0409	0.0431		22.0	20.0	10.5	30.0
Methylene Chloride	Lin	0.3970	0.3558		19.0	20.0	-3.9	30.0
Acetone	Lin	0.1491	0.1420		22.0	20.0	8.3	30.0
trans-1,2-Dichloroethene	Ave	0.3822	0.3274		17.0	20.0	-14.3	30.0
Methyl acetate	Ave	1.479	1.563		21.0	20.0	5.7	30.0
Methyl tert-butyl ether	Lin	1.103	1.175		20.0	20.0	-0.7	30.0
2-Methyl-2-propanol	Lin	0.0464	0.0444		110	100	11.1	30.0
Acetonitrile	Ave	0.0492	0.0499		200	200	1.4	30.0
Isopropyl ether	Lin	0.9108	0.9297		18.0	20.0	-8.2	30.0
2-Chloro-1,3-butadiene	Lin	0.2657	0.2355		16.0	20.0	-19.3	30.0
1,1-Dichloroethane	Ave	0.6723	0.6435	0.1000	19.0	20.0	-4.3	30.0
Acrylonitrile	Ave	0.1440	0.1478		41.0	40.0	2.6	30.0
Tert-butyl ethyl ether	Lin	0.9661	1.097		20.0	20.0	-1.4	30.0
Vinyl acetate	Qua	0.4413	0.7723		32.0	20.0	61.6*	30.0
cis-1,2-Dichloroethene	Ave	0.4114	0.3695		18.0	20.0	-10.2	30.0
2,2-Dichloropropane	Ave	0.5388	0.5685		21.0	20.0	5.5	30.0
1-Bromopropane	Ave	0.4799	0.4359		18.0	20.0	-9.2	30.0
Chlorobromomethane	Ave	0.2214	0.2183		20.0	20.0	-1.4	30.0
Cyclohexane	Lin	0.4656	0.4079		16.0	20.0	-18.7	30.0
Chloroform	Ave	0.7177	0.7107		20.0	20.0	-1.0	20.0
Carbon tetrachloride	Ave	0.5716	0.5552		19.0	20.0	-2.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24246/1 Calibration Date: 02/10/2009 10:27

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2830.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Ethyl acetate	Ave	0.0400	0.0445		44.0	40.0	11.2	30.0
Methyl acrylate	Lin	0.2987	0.3287		20.0	20.0	-2.1	30.0
Tetrahydrofuran	Ave	0.1126	0.1205		43.0	40.0	7.1	30.0
1,1,1-Trichloroethane	Ave	0.6478	0.6401		20.0	20.0	-1.2	30.0
2-Butanone (MEK)	Ave	0.1654	0.1674		20.0	20.0	1.2	30.0
1,1-Dichloropropene	Lin	0.4868	0.4496		17.0	20.0	-13.4	30.0
1-Chlorobutane	Ave	0.6880	0.6669		19.0	20.0	-3.1	30.0
Benzene	Ave	1.478	1.385		19.0	20.0	-6.3	30.0
n-Heptane	Lin	0.2353	0.2181		17.0	20.0	-14.4	30.0
Methacrylonitrile	Ave	0.2259	0.1603		14.0	20.0	-29.0	30.0
Propionitrile	Ave	0.0568	0.0602		210	200	6.1	30.0
Isobutyl alcohol	Lin	0.0063	0.0067		240	200	21.9	30.0
Tert-amyl methyl ether	Lin	0.8936	1.008		19.0	20.0	-3.7	30.0
1,2-Dichloroethane	Ave	0.5804	0.6523		22.0	20.0	12.4	30.0
tert-Butyl Formate	Lin	0.0479	0.0815		23.0	20.0	16.9	30.0
Isopropyl acetate	Lin	0.0114	0.0100		35.0	40.0	-12.8	30.0
Methylcyclohexane	Lin	0.4538	0.3843		16.0	20.0	-21.1	30.0
Trichloroethene	Ave	0.4432	0.4055		18.0	20.0	-8.5	30.0
Dibromomethane	Ave	0.2611	0.2588		20.0	20.0	-0.9	30.0
n-Butanol	Qua	0.0060	0.0072		250	200	24.1	30.0
1,2-Dichloropropane	Ave	0.3514	0.3392		19.0	20.0	-3.5	20.0
Dichlorobromomethane	Ave	0.5158	0.5325		21.0	20.0	3.2	30.0
1,4-Dioxane	Lin	0.0023	0.0029		210	200	6.3	30.0
Methyl methacrylate	Lin	0.2578	0.2603		17.0	20.0	-17.0	30.0
n-Propyl acetate	Lin	0.0443	0.0343		28.0	40.0	-30.7*	30.0
2-Chloroethyl vinyl ether	Lin	0.1381	0.1051		14.0	20.0	-32.3*	30.0
cis-1,3-Dichloropropene	Lin	0.5419	0.5842		19.0	20.0	-5.4	30.0
Toluene	Ave	1.840	1.760		19.0	20.0	-4.3	20.0
Chloroacetonitrile	Lin	0.0111	0.0134		210	200	6.9	30.0
2-Nitropropane	Lin	0.0992	0.1256		45.0	40.0	12.5	30.0
1,1-Dichloroacetone	Lin	0.1823	0.2244		110	100	5.7	30.0
Tetrachloroethene	Ave	0.3947	0.3307		17.0	20.0	-16.2	30.0
4-Methyl-2-pentanone (MIBK)	Lin	0.2983	0.3233		18.0	20.0	-8.0	30.0
trans-1,3-Dichloropropene	Lin	0.5178	0.6182		20.0	20.0	1.2	30.0
1,1,2-Trichloroethane	Ave	0.3427	0.3583		21.0	20.0	4.5	30.0
Ethyl methacrylate	Qua	0.2767	0.3646		23.0	20.0	16.8	30.0
Chlorodibromomethane	Ave	0.4884	0.5051		21.0	20.0	3.4	30.0
1,3-Dichloropropane	Ave	0.6844	0.7004		20.0	20.0	2.3	30.0
Ethylene Dibromide	Lin	0.4077	0.4113		19.0	20.0	-5.7	30.0
n-Butyl acetate	Qua	0.1769	0.1890		20.0	20.0	-2.2	30.0
2-Hexanone	Lin	0.2074	0.2311		18.0	20.0	-7.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24246/1 Calibration Date: 02/10/2009 10:27

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2830.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Chlorobenzene	Ave	1.270	1.176	0.3000	19.0	20.0	-7.4	30.0
1-Chlorohexane	Lin	0.3815	2.330		94.0	20.0	369.0*	30.0
Ethylbenzene	Lin	0.6171	0.6046		18.0	20.0	-10.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4669	0.4697		20.0	20.0	0.6	30.0
m-Xylene & p-Xylene	Lin	0.7222	0.7319		36.0	40.0	-9.5	30.0
o-Xylene	Lin	0.6468	0.6174		17.0	20.0	-16.5	30.0
Bromoform	Lin	0.3140	0.3322	0.1000	19.0	20.0	-5.5	30.0
Styrene	Lin	1.012	1.079		17.0	20.0	-13.0	30.0
Isopropylbenzene	Lin	2.569	2.377		16.0	20.0	-19.3	30.0
Bromobenzene	Ave	0.9196	0.8569		19.0	20.0	-6.8	30.0
N-Propylbenzene	Lin	2.928	2.956		17.0	20.0	-13.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8613	0.8366	0.3000	19.0	20.0	-2.9	30.0
2-Chlorotoluene	Lin	2.401	2.479		19.0	20.0	-6.3	30.0
4-Ethyltoluene	Lin	2.686	2.799		18.0	20.0	-11.0	30.0
1,2,3-Trichloropropane	Ave	0.3212	0.3295		21.0	20.0	2.6	30.0
1,3,5-Trimethylbenzene	Lin	2.289	2.409		18.0	20.0	-8.4	30.0
trans-1,4-Dichloro-2-butene	Lin	0.2181	0.2786		43.0	40.0	7.8	30.0
4-Chlorotoluene	Lin	2.237	2.297		19.0	20.0	-5.9	30.0
tert-Butylbenzene	Lin	1.810	1.744		17.0	20.0	-16.8	30.0
1,2,4-Trimethylbenzene	Lin	2.255	2.398		18.0	20.0	-10.0	30.0
sec-Butylbenzene	Lin	2.452	2.383		17.0	20.0	-15.8	30.0
4-Isopropyltoluene	Lin	2.061	2.118		17.0	20.0	-15.8	30.0
1,3-Dichlorobenzene	Ave	1.617	1.521		19.0	20.0	-6.0	30.0
1,4-Dichlorobenzene	Ave	1.724	1.551		18.0	20.0	-10.0	30.0
p-Diethylbenzene	Lin	1.092	1.116		17.0	20.0	-16.8	30.0
Benzyl chloride	Lin	0.3221	0.3738		19.0	20.0	-4.2	30.0
n-Butylbenzene	Lin	1.772	1.966		18.0	20.0	-9.1	30.0
1,2-Dichlorobenzene	Ave	1.621	1.504		19.0	20.0	-7.2	30.0
1,2,4,5-Tetramethylbenzene	Lin	1.626	1.875		17.0	20.0	-16.5	30.0
1,2-Dibromo-3-Chloropropane	Lin	0.1659	0.1973		20.0	20.0	1.9	30.0
Nitrobenzene	Qua	0.0324	0.0388		190	200	-4.5	30.0
Hexachlorobutadiene	Lin	0.4783	0.4675		18.0	20.0	-9.1	30.0
1,2,4-Trichlorobenzene	Lin	0.7398	0.8834		17.0	20.0	-13.8	30.0
Naphthalene	Qua	1.537	1.980		18.0	20.0	-7.9	30.0
1,2,3-Trichlorobenzene	Lin	0.7047	0.9023		18.0	20.0	-9.0	30.0
Dibromofluoromethane	Ave	0.3916	0.3177		20.0	25.0	-18.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4761	0.4032		21.0	25.0	-15.3	30.0
Toluene-d8 (Surr)	Ave	1.514	1.205		20.0	25.0	-20.4	30.0
4-Bromofluorobenzene	Ave	0.9156	0.7586		21.0	25.0	-17.2	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2830.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 10-FEB-2009 10:27 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W8260LOW.m
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 46 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	364547	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	65855	20.0000	12
3	Chloromethane	50	1.164	1.164	(0.234)	86104	20.0000	16
4	Vinyl Chloride	62	1.175	1.175	(0.237)	99868	20.0000	17
5	Bromomethane	94	1.373	1.373	(0.276)	58189	20.0000	22
6	Chloroethane	64	1.448	1.448	(0.291)	70548	20.0000	25
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	226127	20.0000	20
8	Dichlorofluoromethane	67	1.576	1.576	(0.317)	216962	20.0000	21
9	Ethyl Ether	45	1.742	1.742	(0.351)	63560	20.0000	21
10	Ethanol	45	1.801	1.801	(0.363)	43699	200.000	210
11	Freon 141	81	1.801	1.801	(0.363)	193707	20.0000	19
12	Freon 123	67	1.913	1.913	(0.385)	23707	20.0000	17
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	93148	20.0000	17
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	74185	20.0000	16
15	Carbon Disulfide	76	1.886	1.886	(0.380)	247222	20.0000	16
16	Iodomethane	142	1.972	1.972	(0.397)	51345	20.0000	12
17	Acrolein	56	2.116	2.116	(0.426)	54135	100.000	110
18	2-Propanol	45	2.255	2.255	(0.454)	12555	20.0000	22
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	123672	20.0000	19
20	Methylene Chloride	84	2.309	2.309	(0.465)	103765	20.0000	19
21	Acetone	43	2.352	2.352	(0.473)	41421	20.0000	22
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	95485	20.0000	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.495)	455927	20.0000	21
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	342543	20.0000	20
	25 tert-Butyl alcohol	59	2.640	2.640	(0.532)	64765	100.000	110
	26 Acetonitrile	41	2.747	2.747	(0.553)	145384	200.000	200
	27 Isopropyl ether	45	2.919	2.919	(0.588)	271131	20.0000	18
	28 tert-Butyl ethyl ether	59	3.304	3.304	(0.665)	319871	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.994	2.994	(0.603)	68679	20.0000	16
	30 Acrylonitrile	53	3.058	3.058	(0.616)	86195	40.0000	41
	31 1,1-Dichloroethane	63	3.015	3.015	(0.607)	187659	20.0000	19
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	225243	20.0000	32
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	107760	20.0000	18
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	165788	20.0000	21
	35 Bromochloromethane	128	3.780	3.780	(0.761)	63652	20.0000	20
	36 1-Bromopropane	43	3.769	3.769	(0.759)	127125	20.0000	18
	37 Cyclohexane	84	3.785	3.785	(0.762)	118961	20.0000	16
	38 Chloroform	83	3.887	3.887	(0.782)	207259	20.0000	20
	39 Ethyl Acetate	43	4.042	4.042	(0.814)	25939	40.0000	44
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	95872	20.0000	20
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	115808	20.0000	20
	42 Tetrahydrofuran	42	4.042	4.042	(0.814)	70306	40.0000	43
	43 Carbon Tetrachloride	117	4.015	4.015	(0.808)	161906	20.0000	19
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	186668	20.0000	20
	45 2-Butanone	43	4.224	4.224	(0.850)	48806	20.0000	20
	46 1,1-Dichloropropene	75	4.229	4.229	(0.851)	131132	20.0000	17
	47 tert-Amyl methyl ether	73	4.673	4.673	(0.941)	294090	20.0000	19
	48 tert-Butyl formate	57	4.850	4.850	(0.976)	23769	20.0000	23
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	194480	20.0000	19
	50 Heptane	43	4.513	4.513	(0.908)	63605	20.0000	17
	51 Propionitrile	54	4.524	4.524	(0.911)	175662	200.000	210
	52 Benzene	78	4.491	4.491	(0.904)	403851	20.0000	19
	53 2-Methyl-2-Propenenitrile	41	4.518	4.518	(0.910)	46750	20.0000	14
	54 Isobutyl alcohol	42	4.668	4.668	(0.940)	19507	200.000	240
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	146998	20.0000	21
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	190229	20.0000	22
	59 Methyl Cyclohexane	83	5.144	5.144	(1.036)	112089	20.0000	16
	60 Trichloroethene	130	5.160	5.160	(1.039)	118269	20.0000	18
	61 Isopropyl Acetate	43	5.139	5.139	(1.034)	5807	40.0000	35
	62 n-Butanol	56	5.652	5.652	(1.138)	20905	200.000	250
	63 Dibromomethane	93	5.620	5.620	(1.131)	75479	20.0000	20
	64 1,2-Dichloropropane	63	5.743	5.743	(1.156)	98933	20.0000	19
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	155292	20.0000	21
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	75906	20.0000	16
	67 1,4-Dioxane	58	6.086	6.086	(1.225)	8408	200.000	210
	68 n-Propyl Acetate	43	6.567	6.567	(1.322)	20023	40.0000	28
	69 2-Chloroethylvinylether	63	6.573	6.573	(1.323)	30656	20.0000	14
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	170379	20.0000	19
	71 Chloroacetonitrile	48	7.075	7.075	(1.424)	39082	200.000	210
	72 2-Nitropropane	41	7.145	7.145	(1.438)	73259	40.0000	45
	73 trans-1,3-Dichloropropene	75	7.407	7.407	(1.491)	180289	20.0000	20
	74 1,1,2-Trichloroethane	97	7.589	7.589	(1.528)	104486	20.0000	21
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	318898	25.0000	
	76 Toluene	91	6.877	6.877	(0.789)	448999	20.0000	19
$	77 Toluene-d8	98	6.819	6.819	(0.782)	384367	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.822)	286267	100.000	100

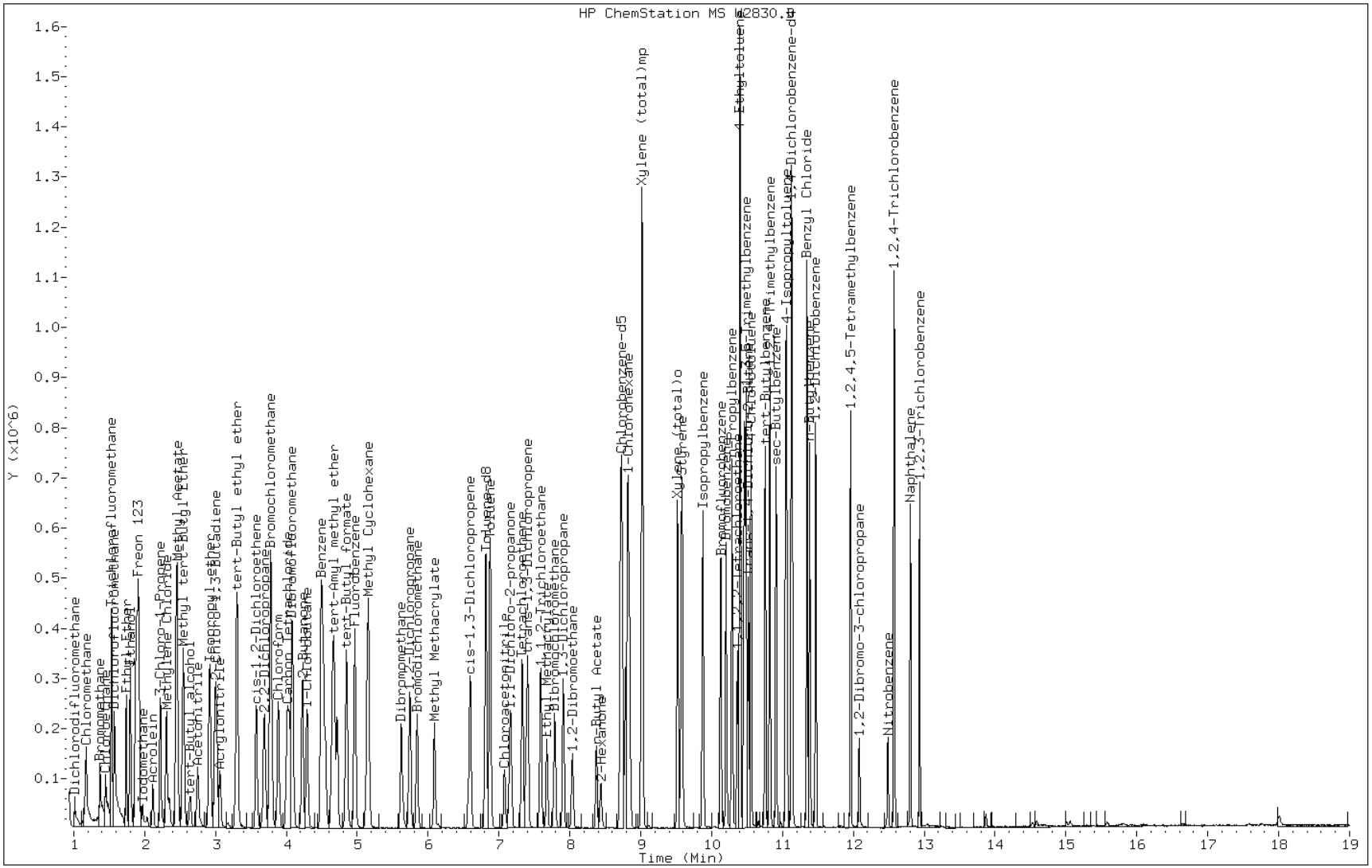
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	82475	20.0000	18
80	Tetrachloroethene	164	7.327	7.327	(0.840)	84354	20.0000	17
81	Ethyl Methacrylate	69	7.675	7.675	(0.880)	93011	20.0000	23
82	Dibromochloromethane	129	7.787	7.787	(0.893)	128854	20.0000	21
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	178684	20.0000	20
84	1,2-Dibromoethane	107	8.033	8.033	(0.921)	104930	20.0000	19
85	n-Butyl Acetate	56	8.375	8.375	(0.961)	48221	20.0000	20
86	2-Hexanone	43	8.434	8.434	(0.967)	58965	20.0000	18
87	1-Chlorohexane	91	8.814	8.814	(1.011)	594363	20.0000	94
88	Chlorobenzene	112	8.734	8.734	(1.002)	299943	20.0000	18
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.014)	119839	20.0000	20
90	Ethylbenzene	106	8.819	8.819	(1.012)	154232	20.0000	18
91	Xylene (total)mp	106	9.017	9.017	(1.034)	373421	40.0000	36
92	Xylene (total)o	106	9.520	9.520	(1.092)	157498	20.0000	17
93	Styrene	104	9.584	9.584	(1.099)	275361	20.0000	17
94	Bromoform	173	9.568	9.568	(1.098)	84741	20.0000	19
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	191582	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	364345	20.0000	16
97	Bromobenzene	156	10.205	10.205	(0.917)	131327	20.0000	19
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	128222	20.0000	19
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	429036	20.0000	18
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	50503	20.0000	20
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	85395	40.0000	43
102	n-Propylbenzene	91	10.285	10.285	(0.925)	453109	20.0000	17
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	379880	20.0000	19
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	352117	20.0000	19
105	1,3,5-Trimethylbenzene	105	10.489	10.489	(0.943)	369248	20.0000	18
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	267271	20.0000	17
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	367537	20.0000	18
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	365205	20.0000	17
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	324614	20.0000	17
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	233139	20.0000	19
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	237790	20.0000	18
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	230528	20.0000	18
113	Benzyl Chloride	126	11.350	11.350	(1.020)	57291	20.0000	19
114	1,4-Diethylbenzene	119	11.344	11.344	(1.020)	171057	20.0000	17
115	n-Butylbenzene	91	11.382	11.382	(1.023)	301358	20.0000	18
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	287396	20.0000	17
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	30239	20.0000	20
120	Nitrobenzene	77	12.489	12.489	(1.123)	59497	200.000	190
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	135395	20.0000	17
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	71646	20.0000	18
123	Naphthalene	128	12.805	12.805	(1.151)	303459	20.0000	18
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	138289	20.0000	18
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	145325	20.0000	21
M 126	1,2-Dichloroethene (total)	100				203245	40.0000	35
M 127	Xylene (total)	100				530919	60.0000	53

Data File: W2830.D

Date: 10-FEB-2009 10:27

Client ID: CCVIS Instrument: msw.i

Sample Info: CCVIS Operator: B.KOSTRZEWSKA



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24290/1 Calibration Date: 02/11/2009 16:59

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2872.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Lin	0.3572	0.2904		15.0	20.0	-23.7	30.0
Chloromethane	Ave	0.3600	0.3029	0.1000	17.0	20.0	-15.9	30.0
Vinyl chloride	Ave	0.3930	0.3695		19.0	20.0	-6.0	20.0
Bromomethane	Ave	0.1789	0.2118		24.0	20.0	18.4	30.0
Chloroethane	Lin	0.2228	0.2307		24.0	20.0	19.2	30.0
Trichlorofluoromethane	Ave	0.7858	0.8026		20.0	20.0	2.1	30.0
Dichlorofluoromethane	Ave	0.7026	0.8124		23.0	20.0	15.6	30.0
Ethyl ether	Ave	0.2098	0.1985		19.0	20.0	-5.4	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.7094	0.7693		22.0	20.0	8.4	30.0
Ethanol	Ave	0.0145	0.0164		230	200	13.5	30.0
1,1-Dichloroethene	Ave	0.3174	0.3069		19.0	20.0	-3.3	20.0
Carbon disulfide	Ave	1.026	0.9666		19.0	20.0	-5.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3762	0.3709		20.0	20.0	-1.4	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0937	0.0868		19.0	20.0	-7.4	30.0
Iodomethane	Lin	0.2235	0.2547		16.0	20.0	-19.3	30.0
Acrolein	Qua	0.0345	0.0525		150	100	51.5*	30.0
3-Chloro-1-propene	Ave	0.4422	0.4364		20.0	20.0	-1.3	30.0
Isopropyl alcohol	Lin	0.0409	0.0415		21.0	20.0	6.7	30.0
Methylene Chloride	Lin	0.3970	0.3692		20.0	20.0	-0.4	30.0
Acetone	Lin	0.1491	0.1440		22.0	20.0	9.7	30.0
trans-1,2-Dichloroethene	Ave	0.3822	0.3599		19.0	20.0	-5.8	30.0
Methyl acetate	Ave	1.479	1.409		19.0	20.0	-4.7	30.0
Methyl tert-butyl ether	Lin	1.103	1.251		21.0	20.0	5.3	30.0
2-Methyl-2-propanol	Lin	0.0464	0.0437		110	100	9.5	30.0
Acetonitrile	Ave	0.0492	0.0419		170	200	-14.8	30.0
Isopropyl ether	Lin	0.9108	0.9484		19.0	20.0	-6.6	30.0
2-Chloro-1,3-butadiene	Lin	0.2657	0.2733		18.0	20.0	-7.6	30.0
1,1-Dichloroethane	Ave	0.6723	0.6552	0.1000	19.0	20.0	-2.5	30.0
Acrylonitrile	Ave	0.1440	0.1353		38.0	40.0	-6.1	30.0
Tert-butyl ethyl ether	Lin	0.9661	1.138		20.0	20.0	1.9	30.0
Vinyl acetate	Qua	0.4413	0.7661		32.0	20.0	60.4*	30.0
cis-1,2-Dichloroethene	Ave	0.4114	0.3991		19.0	20.0	-3.0	30.0
2,2-Dichloropropane	Ave	0.5388	0.6435		24.0	20.0	19.4	30.0
1-Bromopropane	Ave	0.4799	0.4522		19.0	20.0	-5.8	30.0
Chlorobromomethane	Ave	0.2214	0.2227		20.0	20.0	0.6	30.0
Cyclohexane	Lin	0.4656	0.4787		19.0	20.0	-5.8	30.0
Chloroform	Ave	0.7177	0.7177		20.0	20.0	0.0	20.0
Carbon tetrachloride	Ave	0.5716	0.6253		22.0	20.0	9.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24290/1 Calibration Date: 02/11/2009 16:59

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2872.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Ethyl acetate	Ave	0.0400	0.0410		41.0	40.0	2.5	30.0
Tetrahydrofuran	Ave	0.1126	0.1139		40.0	40.0	1.1	30.0
Methyl acrylate	Lin	0.2987	0.3256		19.0	20.0	-3.0	30.0
1,1,1-Trichloroethane	Ave	0.6478	0.7016		22.0	20.0	8.3	30.0
2-Butanone (MEK)	Ave	0.1654	0.1543		19.0	20.0	-6.7	30.0
1,1-Dichloropropene	Lin	0.4868	0.5113		20.0	20.0	-2.5	30.0
1-Chlorobutane	Ave	0.6880	0.7089		21.0	20.0	3.0	30.0
Benzene	Ave	1.478	1.437		19.0	20.0	-2.8	30.0
n-Heptane	Lin	0.2353	0.2473		19.0	20.0	-4.0	30.0
Propionitrile	Ave	0.0568	0.0546		190	200	-3.8	30.0
Methacrylonitrile	Ave	0.2259	0.2434		22.0	20.0	7.8	30.0
Isobutyl alcohol	Lin	0.0063	0.0060		220	200	9.3	30.0
Tert-amyl methyl ether	Lin	0.8936	1.061		20.0	20.0	0.9	30.0
1,2-Dichloroethane	Ave	0.5804	0.6356		22.0	20.0	9.5	30.0
tert-Butyl Formate	Lin	0.0479	0.0473		14.0	20.0	-31.7*	30.0
Isopropyl acetate	Lin	0.0114	0.0112		39.0	40.0	-2.5	30.0
Methylcyclohexane	Lin	0.4538	0.4470		18.0	20.0	-9.6	30.0
Trichloroethene	Ave	0.4432	0.4370		20.0	20.0	-1.4	30.0
Dibromomethane	Ave	0.2611	0.2560		20.0	20.0	-1.9	30.0
n-Butanol	Qua	0.0060	0.0065		230	200	13.4	30.0
1,2-Dichloropropane	Ave	0.3514	0.3260		19.0	20.0	-7.2	20.0
Dichlorobromomethane	Ave	0.5158	0.5395		21.0	20.0	4.6	30.0
1,4-Dioxane	Lin	0.0023	0.0025		190	200	-5.3	30.0
Methyl methacrylate	Lin	0.2578	0.2700		17.0	20.0	-14.5	30.0
n-Propyl acetate	Lin	0.0443	0.0443		34.0	40.0	-14.7	30.0
2-Chloroethyl vinyl ether	Lin	0.1381	0.1351		17.0	20.0	-17.3	30.0
cis-1,3-Dichloropropene	Lin	0.5419	0.6113		20.0	20.0	-1.4	30.0
Toluene	Ave	1.840	1.741		19.0	20.0	-5.3	20.0
Chloroacetonitrile	Lin	0.0111	0.0117		190	200	-5.4	30.0
2-Nitropropane	Lin	0.0992	0.1218		44.0	40.0	9.4	30.0
1,1-Dichloroacetone	Lin	0.1823	0.2025		96.0	100	-3.7	30.0
Tetrachloroethene	Ave	0.3947	0.3602		18.0	20.0	-8.7	30.0
4-Methyl-2-pentanone (MIBK)	Lin	0.2983	0.3042		17.0	20.0	-12.7	30.0
trans-1,3-Dichloropropene	Lin	0.5178	0.6180		20.0	20.0	1.2	30.0
1,1,2-Trichloroethane	Ave	0.3427	0.3456		20.0	20.0	0.9	30.0
Ethyl methacrylate	Qua	0.2767	0.3816		24.0	20.0	21.6	30.0
Chlorodibromomethane	Ave	0.4884	0.4991		20.0	20.0	2.2	30.0
1,3-Dichloropropane	Ave	0.6844	0.6787		20.0	20.0	-0.8	30.0
Ethylene Dibromide	Lin	0.4077	0.4042		19.0	20.0	-7.3	30.0
2-Hexanone	Lin	0.2074	0.2157		17.0	20.0	-13.0	30.0
Chlorobenzene	Ave	1.270	1.173	0.3000	18.0	20.0	-7.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24290/1 Calibration Date: 02/11/2009 16:59

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2872.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Qua	0.1769	0.1751		18.0	20.0	-8.9	30.0
1-Chlorohexane	Lin	0.3815	0.5257		22.0	20.0	11.3	30.0
Ethylbenzene	Lin	0.6171	0.6045		18.0	20.0	-10.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4669	0.4706		20.0	20.0	0.8	30.0
m-Xylene & p-Xylene	Lin	0.7222	0.7350		36.0	40.0	-9.2	30.0
o-Xylene	Lin	0.6468	0.6514		18.0	20.0	-12.4	30.0
Bromoform	Lin	0.3140	0.3338	0.1000	19.0	20.0	-5.0	30.0
Styrene	Lin	1.012	1.101		18.0	20.0	-11.5	30.0
Isopropylbenzene	Lin	2.569	2.641		18.0	20.0	-11.2	30.0
Bromobenzene	Ave	0.9196	0.8755		19.0	20.0	-4.8	30.0
N-Propylbenzene	Lin	2.928	3.052		18.0	20.0	-10.5	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8613	0.7519	0.3000	17.0	20.0	-12.7	30.0
2-Chlorotoluene	Lin	2.401	2.461		19.0	20.0	-6.9	30.0
4-Ethyltoluene	Lin	2.686	2.890		18.0	20.0	-8.3	30.0
1,2,3-Trichloropropane	Ave	0.3212	0.3126		19.0	20.0	-2.7	30.0
1,3,5-Trimethylbenzene	Lin	2.289	2.494		19.0	20.0	-5.4	30.0
trans-1,4-Dichloro-2-butene	Lin	0.2181	0.2600		40.0	40.0	1.2	30.0
4-Chlorotoluene	Lin	2.237	2.297		19.0	20.0	-5.9	30.0
tert-Butylbenzene	Lin	1.810	1.888		18.0	20.0	-10.6	30.0
1,2,4-Trimethylbenzene	Lin	2.255	2.472		19.0	20.0	-7.4	30.0
sec-Butylbenzene	Lin	2.452	2.531		18.0	20.0	-11.0	30.0
4-Isopropyltoluene	Lin	2.061	2.286		18.0	20.0	-9.8	30.0
1,3-Dichlorobenzene	Ave	1.617	1.533		19.0	20.0	-5.2	30.0
1,4-Dichlorobenzene	Ave	1.724	1.568		18.0	20.0	-9.0	30.0
p-Diethylbenzene	Lin	1.092	1.180		17.0	20.0	-12.6	30.0
Benzyl chloride	Lin	0.3221	0.3838		20.0	20.0	-1.9	30.0
n-Butylbenzene	Lin	1.772	1.961		18.0	20.0	-9.3	30.0
1,2-Dichlorobenzene	Ave	1.621	1.513		19.0	20.0	-6.7	30.0
1,2,4,5-Tetramethylbenzene	Lin	1.626	2.011		18.0	20.0	-11.6	30.0
1,2-Dibromo-3-Chloropropane	Lin	0.1659	0.1935		20.0	20.0	0.1	30.0
Nitrobenzene	Qua	0.0324	0.0386		190	200	-5.1	30.0
Hexachlorobutadiene	Lin	0.4783	0.5363		21.0	20.0	3.2	30.0
1,2,4-Trichlorobenzene	Lin	0.7398	0.9464		18.0	20.0	-8.7	30.0
Naphthalene	Qua	1.537	2.089		19.0	20.0	-3.5	30.0
1,2,3-Trichlorobenzene	Lin	0.7047	0.9335		19.0	20.0	-6.3	30.0
Dibromofluoromethane	Ave	0.3916	0.3145		20.0	25.0	-19.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4761	0.3906		21.0	25.0	-18.0	30.0
Toluene-d8 (Surr)	Ave	1.514	1.185		20.0	25.0	-21.7	30.0
4-Bromofluorobenzene	Ave	0.9156	0.7964		22.0	25.0	-13.0	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W2872.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 11-FEB-2009 16:59 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W8260LOW.m
Meth Date : 12-Feb-2009 10:49 dawn Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 43 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	344350	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	80010	20.0000	15
3	Chloromethane	50	1.159	1.159	(0.233)	83437	20.0000	17
4	Vinyl Chloride	62	1.175	1.175	(0.237)	101787	20.0000	19
5	Bromomethane	94	1.373	1.373	(0.276)	58353	20.0000	24
6	Chloroethane	64	1.448	1.448	(0.291)	63547	20.0000	24
7	Trichlorofluoromethane	101	1.538	1.538	(0.310)	221099	20.0000	20
8	Dichlorofluoromethane	67	1.576	1.576	(0.317)	223792	20.0000	23
9	Ethyl Ether	45	1.742	1.742	(0.351)	54687	20.0000	19
10	Ethanol	45	1.801	1.801	(0.363)	45280	200.000	230
11	Freon 141	81	1.801	1.801	(0.363)	211920	20.0000	22
12	Freon 123	67	1.918	1.918	(0.386)	23897	20.0000	18
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	102184	20.0000	20
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	84532	20.0000	19
15	Carbon Disulfide	76	1.892	1.892	(0.381)	266274	20.0000	19
16	Iodomethane	142	1.972	1.972	(0.397)	70152	20.0000	16
17	Acrolein	56	2.116	2.116	(0.426)	72278	100.000	150
18	2-Propanol	45	2.255	2.255	(0.454)	11418	20.0000	21
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	120217	20.0000	20
20	Methylene Chloride	84	2.309	2.309	(0.465)	101715	20.0000	20
21	Acetone	43	2.352	2.352	(0.473)	39655	20.0000	22
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	99132	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.495)	388240	20.0000	19
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	344752	20.0000	21
	25 tert-Butyl alcohol	59	2.646	2.646	(0.533)	60234	100.000	110
	26 Acetonitrile	41	2.748	2.748	(0.553)	115438	200.000	170
	27 Isopropyl ether	45	2.919	2.919	(0.588)	261266	20.0000	19
	28 tert-Butyl ethyl ether	59	3.304	3.304	(0.665)	313379	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.994	2.994	(0.603)	75296	20.0000	18
	30 Acrylonitrile	53	3.063	3.063	(0.617)	74523	40.0000	38
	31 1,1-Dichloroethane	63	3.015	3.015	(0.607)	180480	20.0000	19
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	211036	20.0000	32
	33 cis-1,2-Dichloroethene	96	3.582	3.582	(0.721)	109940	20.0000	19
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	177279	20.0000	24
	35 Bromochloromethane	128	3.780	3.780	(0.761)	61337	20.0000	20
	36 1-Bromopropane	43	3.769	3.769	(0.759)	124562	20.0000	19
	37 Cyclohexane	84	3.785	3.785	(0.762)	131867	20.0000	19
	38 Chloroform	83	3.887	3.887	(0.782)	197715	20.0000	20
	39 Ethyl Acetate	43	4.042	4.042	(0.814)	22581	40.0000	41
	40 Methyl Acrylate	55	4.047	4.047	(0.815)	89683	20.0000	19
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	108283	20.0000	20
	42 Tetrahydrofuran	42	4.042	4.042	(0.814)	62746	40.0000	40
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	172244	20.0000	22
	44 1,1,1-Trichloroethane	97	4.090	4.090	(0.823)	193283	20.0000	22
	45 2-Butanone	43	4.224	4.224	(0.850)	42494	20.0000	19
	46 1,1-Dichloropropene	75	4.229	4.229	(0.851)	140842	20.0000	20
	47 tert-Amyl methyl ether	73	4.673	4.673	(0.941)	292358	20.0000	20
	48 tert-Butyl formate	57	4.845	4.845	(0.975)	13032	20.0000	14
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	195297	20.0000	21
	50 Heptane	43	4.518	4.518	(0.910)	68117	20.0000	19
	51 Propionitrile	54	4.524	4.524	(0.911)	150317	200.000	190
	52 Benzene	78	4.492	4.492	(0.904)	395749	20.0000	19
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.916)	67062	20.0000	22(M)
	54 Isobutyl alcohol	42	4.673	4.673	(0.941)	16559	200.000	220
$	55 1,2-Dichloroethane-d4	65	4.647	4.647	(0.935)	134500	20.0000	20
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	175101	20.0000	22
	59 Methyl Cyclohexane	83	5.139	5.139	(1.034)	123141	20.0000	18
	60 Trichloroethene	130	5.160	5.160	(1.039)	120378	20.0000	20
	61 Isopropyl Acetate	43	5.133	5.133	(1.033)	6182	40.0000	39(M)
	62 n-Butanol	56	5.647	5.647	(1.137)	17929	200.000	230
	63 Dibromomethane	93	5.620	5.620	(1.131)	70528	20.0000	20
	64 1,2-Dichloropropane	63	5.743	5.743	(1.156)	89804	20.0000	18
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	148609	20.0000	21
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	74388	20.0000	17
	67 1,4-Dioxane	58	6.086	6.086	(1.225)	6963	200.000	190
	68 n-Propyl Acetate	43	6.567	6.567	(1.322)	24410	40.0000	34
	69 2-Chloroethylvinylether	63	6.573	6.573	(1.323)	37221	20.0000	16
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	168387	20.0000	20
	71 Chloroacetonitrile	48	7.075	7.075	(1.424)	32266	200.000	190
	72 2-Nitropropane	41	7.150	7.150	(1.439)	67111	40.0000	44
	73 trans-1,3-Dichloropropene	75	7.407	7.407	(1.491)	170254	20.0000	20
	74 1,1,2-Trichloroethane	97	7.589	7.589	(1.528)	95213	20.0000	20
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	310534	25.0000	
	76 Toluene	91	6.877	6.877	(0.789)	432593	20.0000	19
$	77 Toluene-d8	98	6.813	6.813	(0.782)	367939	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.822)	251571	100.000	96

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	75562	20.0000	17
80	Tetrachloroethene	164	7.332	7.332	(0.841)	89483	20.0000	18
81	Ethyl Methacrylate	69	7.675	7.675	(0.880)	94788	20.0000	24
82	Dibromochloromethane	129	7.787	7.787	(0.893)	123991	20.0000	20
83	1,3-Dichloropropane	76	7.910	7.910	(0.907)	168610	20.0000	20
84	1,2-Dibromoethane	107	8.033	8.033	(0.921)	100421	20.0000	18
85	n-Butyl Acetate	56	8.782	8.782	(1.007)	43498	20.0000	18(M)
86	2-Hexanone	43	8.440	8.440	(0.968)	53584	20.0000	17
87	1-Chlorohexane	91	8.798	8.798	(1.009)	130586	20.0000	22(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	291470	20.0000	18
89	1,1,1,2-Tetrachloroethane	131	8.846	8.846	(1.015)	116921	20.0000	20
90	Ethylbenzene	106	8.819	8.819	(1.012)	150174	20.0000	18
91	Xylene (total)mp	106	9.017	9.017	(1.034)	365188	40.0000	36
92	Xylene (total)o	106	9.520	9.520	(1.092)	161833	20.0000	18
93	Styrene	104	9.584	9.584	(1.099)	273632	20.0000	18
94	Bromoform	173	9.568	9.568	(1.098)	82932	20.0000	19
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	183613	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	387918	20.0000	18
97	Bromobenzene	156	10.205	10.205	(0.917)	128603	20.0000	19
98	1,1,2,2-Tetrachloroethane	83	10.365	10.365	(0.932)	110448	20.0000	17
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	424482	20.0000	18
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	45910	20.0000	19
101	trans-1,4-Dichloro-2-Butene	53	10.521	10.521	(0.946)	76382	40.0000	40
102	n-Propylbenzene	91	10.285	10.285	(0.925)	448262	20.0000	18
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	361497	20.0000	19
104	4-Chlorotoluene	91	10.558	10.558	(0.949)	337430	20.0000	19
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	366400	20.0000	19
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	277297	20.0000	18
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	363171	20.0000	18
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	371727	20.0000	18
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	335748	20.0000	18
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	225241	20.0000	19
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	230335	20.0000	18
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	222223	20.0000	19
113	Benzyl Chloride	126	11.350	11.350	(1.020)	56379	20.0000	20
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	173356	20.0000	17
115	n-Butylbenzene	91	11.382	11.382	(1.023)	288085	20.0000	18
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	295440	20.0000	18
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	28422	20.0000	20
120	Nitrobenzene	77	12.489	12.489	(1.123)	56626	200.000	190
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	139012	20.0000	18
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	78777	20.0000	21
123	Naphthalene	128	12.805	12.805	(1.151)	306843	20.0000	19
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	137127	20.0000	19
$ 125	Bromofluorobenzene	95	10.130	10.130	(0.911)	146227	20.0000	22
M 126	1,2-Dichloroethene (total)	100				209072	40.0000	38
M 127	Xylene (total)	100				527021	60.0000	54

QC Flag Legend

M - Compound response manually integrated.

Data File: W2872.D

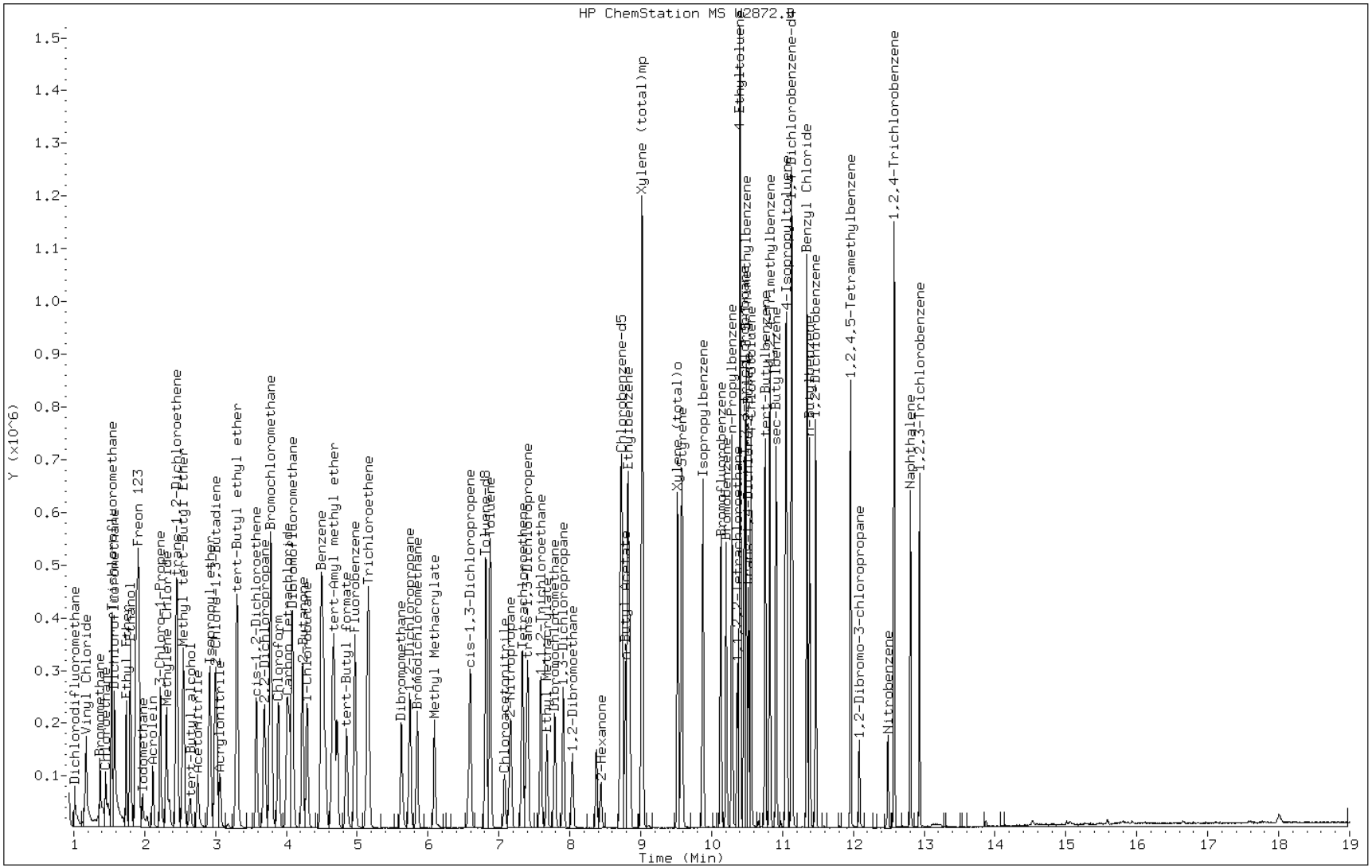
Date: 11-FEB-2009 16:59

Client ID: CCVIS

Instrument: msw.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W2872.D
Inj. Date and Time: 11-FEB-2009 16:59
Instrument ID: msw.i
Client ID: CCVIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/12/2009

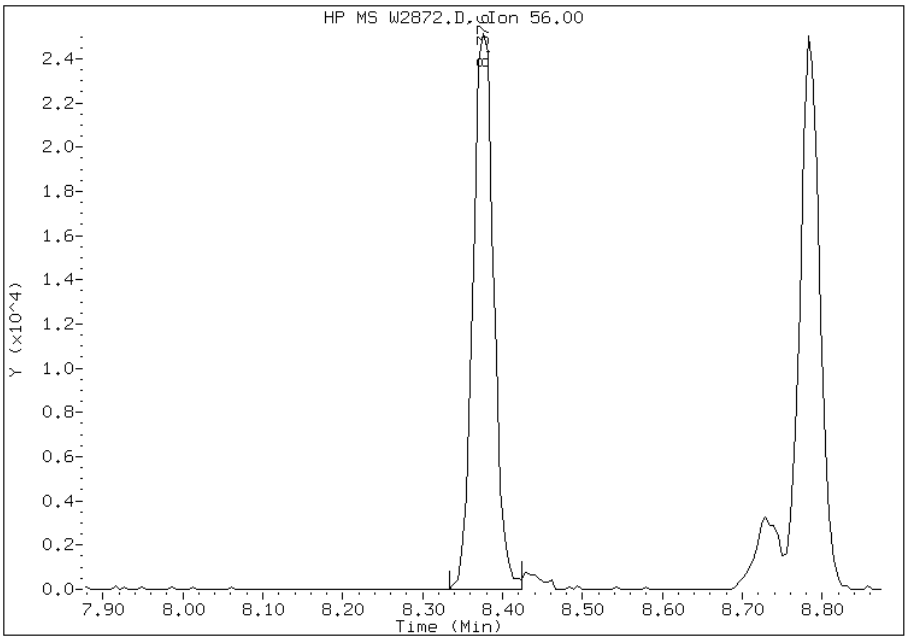
Processing Integration Results

RT: 8.38

Response: 45660

Amount: 19

Conc: 19



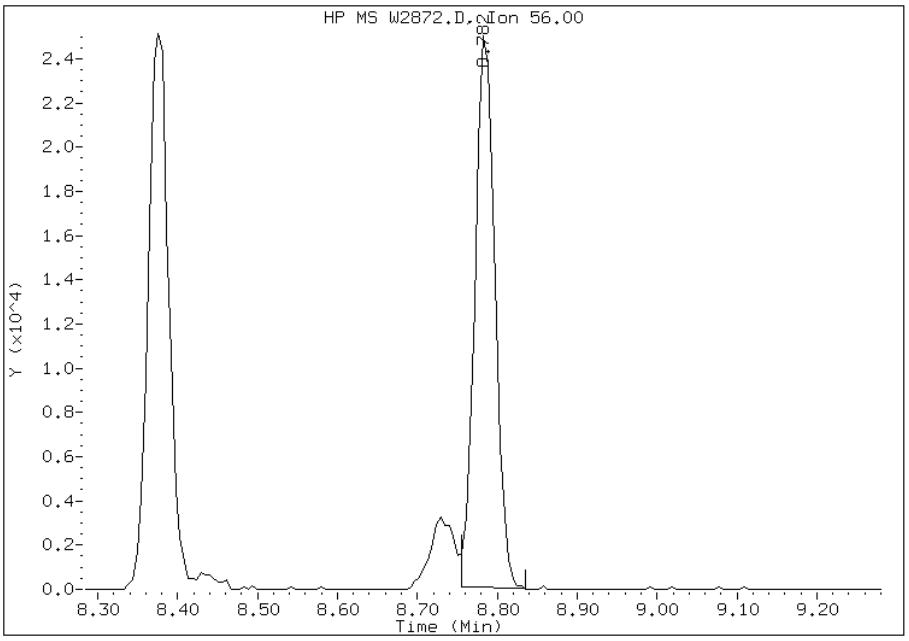
Manual Integration Results

RT: 8.78

Response: 43498

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2872.D
Inj. Date and Time: 11-FEB-2009 16:59
Instrument ID: msw.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/12/2009

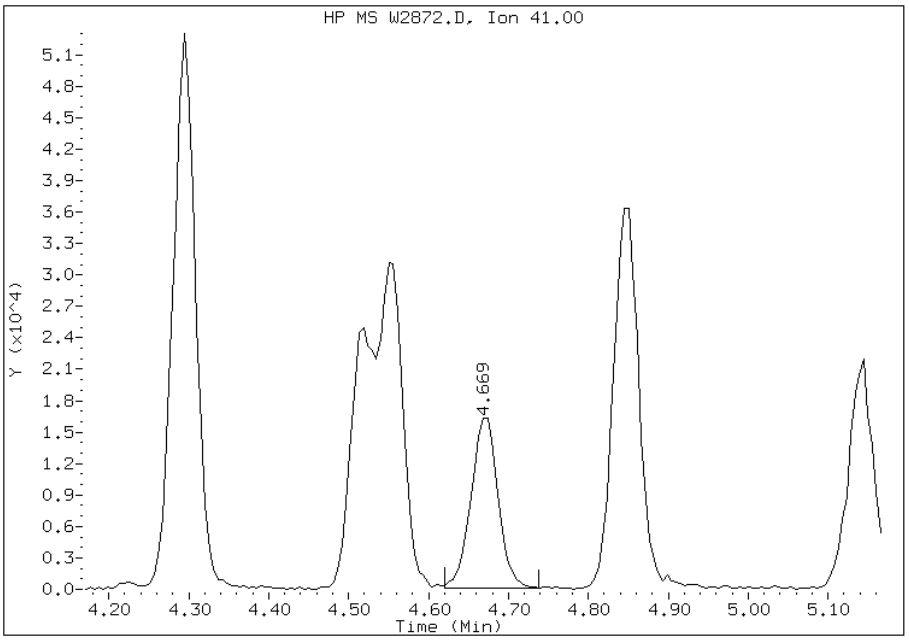
Processing Integration Results

RT: 4.67

Response: 38089

Amount: 12

Conc: 12



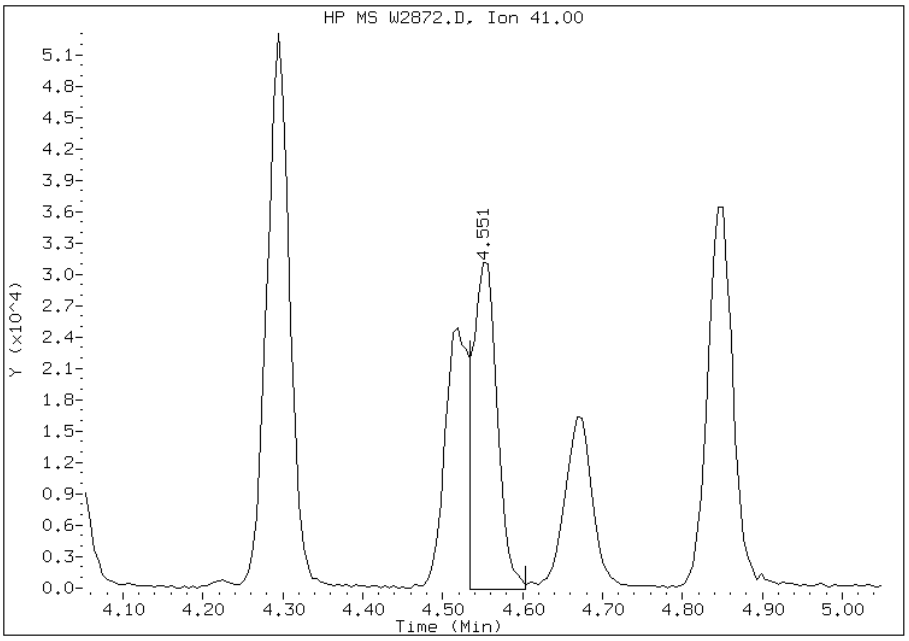
Manual Integration Results

RT: 4.55

Response: 67062

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2872.D
Inj. Date and Time: 11-FEB-2009 16:59
Instrument ID: msw.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/12/2009

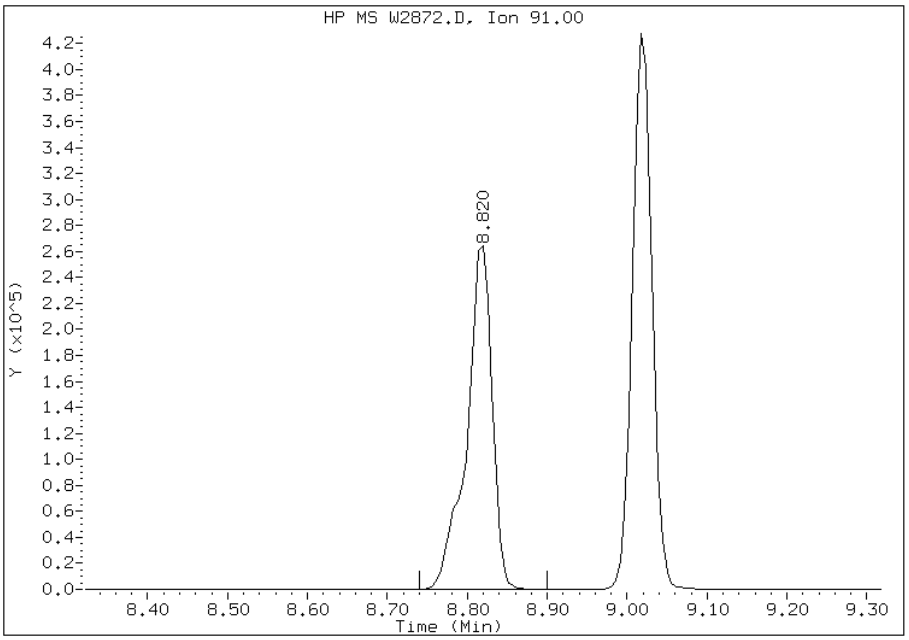
Processing Integration Results

RT: 8.82

Response: 583719

Amount: 95

Conc: 95



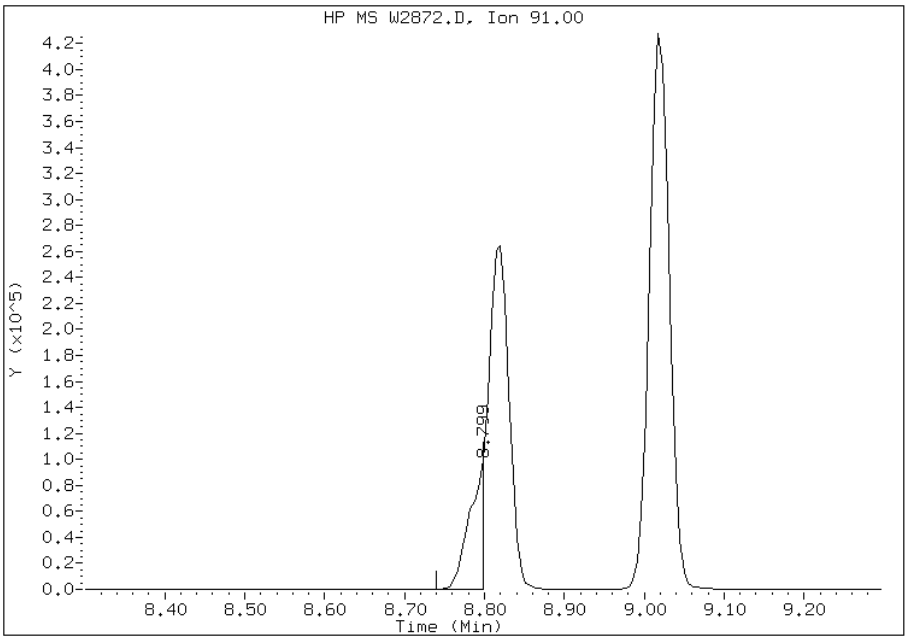
Manual Integration Results

RT: 8.80

Response: 130586

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2872.D
Inj. Date and Time: 11-FEB-2009 16:59
Instrument ID: msw.i
Client ID: CCVIS
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/12/2009

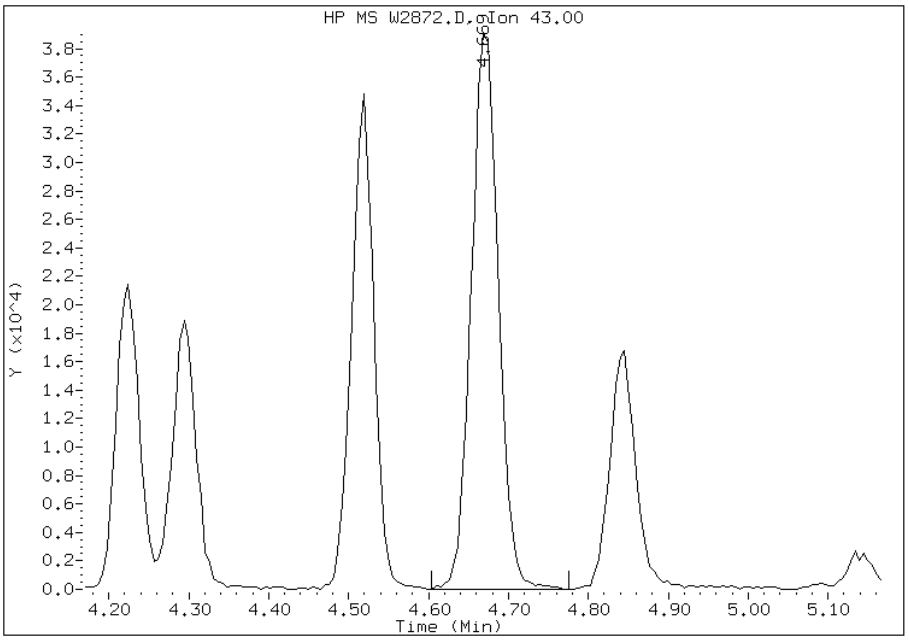
Processing Integration Results

RT: 4.67

Response: 92568

Amount: 547

Conc: 547



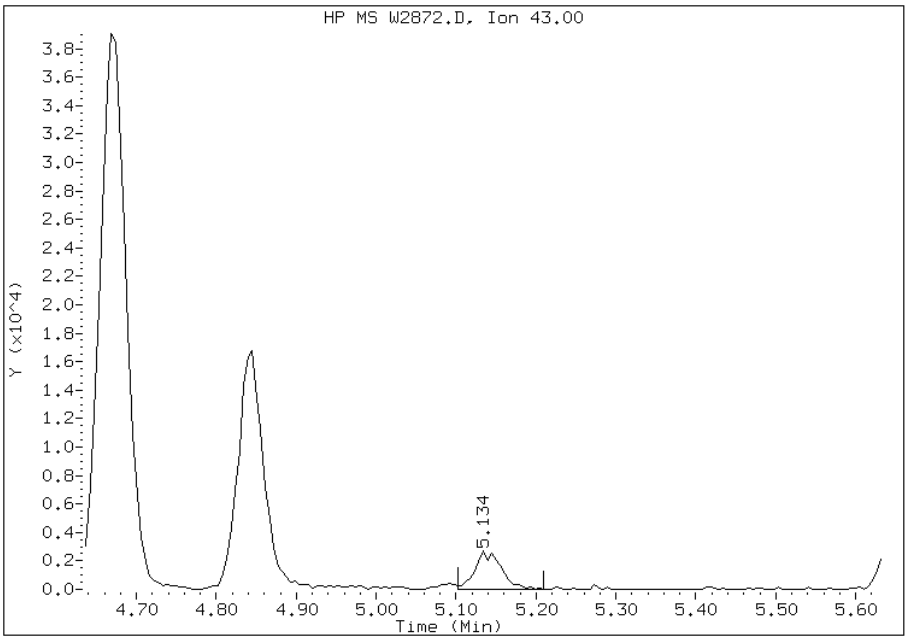
Manual Integration Results

RT: 5.13

Response: 6182

Amount: 39

Conc: 39



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24314/1 Calibration Date: 02/12/2009 12:30

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2910.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Lin	0.3572	0.3225		17.0	20.0	-15.6	30.0
Chloromethane	Ave	0.3600	0.2984	0.1000	17.0	20.0	-17.1	30.0
Vinyl chloride	Ave	0.3930	0.3631		18.0	20.0	-7.6	20.0
Bromomethane	Ave	0.1789	0.2041		23.0	20.0	14.0	30.0
Chloroethane	Lin	0.2228	0.2315		24.0	20.0	19.7	30.0
Trichlorofluoromethane	Ave	0.7858	0.8308		21.0	20.0	5.7	30.0
Dichlorofluoromethane	Ave	0.7026	0.7812		22.0	20.0	11.2	30.0
Ethyl ether	Ave	0.2098	0.1958		19.0	20.0	-6.7	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.7094	0.7304		21.0	20.0	2.9	30.0
Ethanol	Ave	0.0145	0.0154		210	200	6.3	30.0
1,1-Dichloroethene	Ave	0.3174	0.2676		17.0	20.0	-15.7	20.0
Carbon disulfide	Ave	1.026	0.8942		17.0	20.0	-12.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3762	0.3280		17.0	20.0	-12.8	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0937	0.0794		17.0	20.0	-15.2	30.0
Iodomethane	Lin	0.2235	0.2315		15.0	20.0	-25.0	30.0
Acrolein	Qua	0.0345	0.0500		140	100	44.9*	30.0
3-Chloro-1-propene	Ave	0.4422	0.4121		19.0	20.0	-6.8	30.0
Isopropyl alcohol	Lin	0.0409	0.0479		24.0	20.0	21.8	30.0
Methylene Chloride	Lin	0.3970	0.3704		20.0	20.0	-0.1	30.0
Acetone	Lin	0.1491	0.1470		22.0	20.0	12.0	30.0
trans-1,2-Dichloroethene	Ave	0.3822	0.3344		17.0	20.0	-12.5	30.0
Methyl acetate	Ave	1.479	1.519		21.0	20.0	2.7	30.0
Methyl tert-butyl ether	Lin	1.103	1.262		21.0	20.0	6.2	30.0
2-Methyl-2-propanol	Lin	0.0464	0.0447		110	100	11.7	30.0
Acetonitrile	Ave	0.0492	0.0441		180	200	-10.4	30.0
Isopropyl ether	Lin	0.9108	0.9052		18.0	20.0	-10.4	30.0
2-Chloro-1,3-butadiene	Lin	0.2657	0.2396		16.0	20.0	-18.0	30.0
1,1-Dichloroethane	Ave	0.6723	0.6589	0.1000	20.0	20.0	-2.0	30.0
Acrylonitrile	Ave	0.1440	0.1455		40.0	40.0	1.0	30.0
Tert-butyl ethyl ether	Lin	0.9661	1.137		20.0	20.0	1.9	30.0
Vinyl acetate	Qua	0.4413	0.7832		33.0	20.0	63.6*	30.0
cis-1,2-Dichloroethene	Ave	0.4114	0.3836		19.0	20.0	-6.8	30.0
2,2-Dichloropropane	Ave	0.5388	0.6183		23.0	20.0	14.7	30.0
1-Bromopropane	Ave	0.4799	0.4204		18.0	20.0	-12.4	30.0
Chlorobromomethane	Ave	0.2214	0.2271		21.0	20.0	2.6	30.0
Cyclohexane	Lin	0.4656	0.4011		16.0	20.0	-20.0	30.0
Chloroform	Ave	0.7177	0.7471		21.0	20.0	4.1	20.0
Carbon tetrachloride	Ave	0.5716	0.5864		21.0	20.0	2.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24314/1 Calibration Date: 02/12/2009 12:30

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2910.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Ethyl acetate	Ave	0.0400	0.0467		47.0	40.0	16.8	30.0
Tetrahydrofuran	Ave	0.1126	0.1203		43.0	40.0	6.9	30.0
Methyl acrylate	Lin	0.2987	0.3305		20.0	20.0	-1.7	30.0
1,1,1-Trichloroethane	Ave	0.6478	0.6849		21.0	20.0	5.7	30.0
2-Butanone (MEK)	Ave	0.1654	0.1720		21.0	20.0	4.0	30.0
1,1-Dichloropropene	Lin	0.4868	0.4548		18.0	20.0	-12.5	30.0
1-Chlorobutane	Ave	0.6880	0.6413		19.0	20.0	-6.8	30.0
Benzene	Ave	1.478	1.398		19.0	20.0	-5.4	30.0
n-Heptane	Lin	0.2353	0.2142		17.0	20.0	-15.8	30.0
Propionitrile	Ave	0.0568	0.0585		210	200	3.0	30.0
Methacrylonitrile	Ave	0.2259	0.2554		23.0	20.0	13.0	30.0
Isobutyl alcohol	Lin	0.0063	0.0065		240	200	18.6	30.0
Tert-amyl methyl ether	Lin	0.8936	1.065		20.0	20.0	1.1	30.0
1,2-Dichloroethane	Ave	0.5804	0.7093		24.0	20.0	22.2	30.0
tert-Butyl Formate	Lin	0.0479	0.0603		17.0	20.0	-13.2	30.0
Isopropyl acetate	Lin	0.0114	0.0101		35.0	40.0	-11.9	30.0
Methylcyclohexane	Lin	0.4538	0.3817		16.0	20.0	-21.6	30.0
Trichloroethene	Ave	0.4432	0.4238		19.0	20.0	-4.4	30.0
Dibromomethane	Ave	0.2611	0.2721		21.0	20.0	4.2	30.0
n-Butanol	Qua	0.0060	0.0072		250	200	24.5	30.0
1,2-Dichloropropane	Ave	0.3514	0.3269		19.0	20.0	-7.0	20.0
Dichlorobromomethane	Ave	0.5158	0.5720		22.0	20.0	10.9	30.0
1,4-Dioxane	Lin	0.0023	0.0030		220	200	8.6	30.0
Methyl methacrylate	Lin	0.2578	0.2743		17.0	20.0	-13.3	30.0
2-Chloroethyl vinyl ether	Lin	0.1381	0.1189		15.0	20.0	-25.4	30.0
n-Propyl acetate	Lin	0.0443	0.0405		32.0	40.0	-20.9	30.0
cis-1,3-Dichloropropene	Lin	0.5419	0.6091		20.0	20.0	-1.7	30.0
Toluene	Ave	1.840	1.638		18.0	20.0	-11.0	20.0
Chloroacetonitrile	Lin	0.0111	0.0126		200	200	0.8	30.0
2-Nitropropane	Lin	0.0992	0.1373		49.0	40.0	22.0	30.0
1,1-Dichloroacetone	Lin	0.1823	0.2162		100	100	2.2	30.0
Tetrachloroethene	Ave	0.3947	0.3251		16.0	20.0	-17.6	30.0
4-Methyl-2-pentanone (MIBK)	Lin	0.2983	0.3093		18.0	20.0	-11.5	30.0
trans-1,3-Dichloropropene	Lin	0.5178	0.6572		21.0	20.0	7.1	30.0
1,1,2-Trichloroethane	Ave	0.3427	0.3631		21.0	20.0	6.0	30.0
Ethyl methacrylate	Qua	0.2767	0.3571		23.0	20.0	14.6	30.0
Chlorodibromomethane	Ave	0.4884	0.5084		21.0	20.0	4.1	30.0
1,3-Dichloropropane	Ave	0.6844	0.6670		19.0	20.0	-2.5	30.0
Ethylene Dibromide	Lin	0.4077	0.4088		19.0	20.0	-6.3	30.0
n-Butyl acetate	Qua	0.1769	0.1736		18.0	20.0	-9.6	30.0
2-Hexanone	Lin	0.2074	0.2164		17.0	20.0	-12.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: CCVIS 220-24314/1 Calibration Date: 02/12/2009 12:30

Instrument ID: MSW Calib Start Date: 02/05/2009 20:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/05/2009 23:16

Lab File ID: W2910.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Chlorobenzene	Ave	1.270	1.140	0.3000	18.0	20.0	-10.3	30.0
1-Chlorohexane	Lin	0.3815	0.3243		14.0	20.0	-28.7	30.0
Ethylbenzene	Lin	0.6171	0.5753		17.0	20.0	-14.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4669	0.4754		20.0	20.0	1.8	30.0
m-Xylene & p-Xylene	Lin	0.7222	0.6976		35.0	40.0	-13.5	30.0
o-Xylene	Lin	0.6468	0.5930		16.0	20.0	-19.4	30.0
Bromoform	Lin	0.3140	0.3542	0.1000	20.0	20.0	0.2	30.0
Styrene	Lin	1.012	1.056		17.0	20.0	-14.7	30.0
Isopropylbenzene	Lin	2.569	2.289		16.0	20.0	-22.0	30.0
Bromobenzene	Ave	0.9196	0.8288		18.0	20.0	-9.9	30.0
N-Propylbenzene	Lin	2.928	2.713		16.0	20.0	-19.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8613	0.7649	0.3000	18.0	20.0	-11.2	30.0
4-Ethyltoluene	Lin	2.686	2.619		17.0	20.0	-16.3	30.0
2-Chlorotoluene	Lin	2.401	2.336		18.0	20.0	-11.4	30.0
1,2,3-Trichloropropane	Ave	0.3212	0.3195		20.0	20.0	-0.5	30.0
1,3,5-Trimethylbenzene	Lin	2.289	2.328		18.0	20.0	-11.3	30.0
trans-1,4-Dichloro-2-butene	Lin	0.2181	0.2639		41.0	40.0	2.6	30.0
4-Chlorotoluene	Lin	2.237	2.194		18.0	20.0	-10.0	30.0
tert-Butylbenzene	Lin	1.810	1.654		16.0	20.0	-20.7	30.0
1,2,4-Trimethylbenzene	Lin	2.255	2.339		18.0	20.0	-12.0	30.0
sec-Butylbenzene	Lin	2.452	2.231		16.0	20.0	-20.7	30.0
4-Isopropyltoluene	Lin	2.061	2.015		16.0	20.0	-19.4	30.0
1,3-Dichlorobenzene	Ave	1.617	1.500		19.0	20.0	-7.2	30.0
1,4-Dichlorobenzene	Ave	1.724	1.514		18.0	20.0	-12.1	30.0
p-Diethylbenzene	Lin	1.092	1.042		16.0	20.0	-21.6	30.0
Benzyl chloride	Lin	0.3221	0.3738		19.0	20.0	-4.2	30.0
n-Butylbenzene	Lin	1.772	1.813		17.0	20.0	-15.6	30.0
1,2-Dichlorobenzene	Ave	1.621	1.479		18.0	20.0	-8.7	30.0
1,2,4,5-Tetramethylbenzene	Lin	1.626	1.742		16.0	20.0	-21.3	30.0
1,2-Dibromo-3-Chloropropane	Lin	0.1659	0.1965		20.0	20.0	1.5	30.0
Nitrobenzene	Qua	0.0324	0.0382		190	200	-5.8	30.0
Hexachlorobutadiene	Lin	0.4783	0.4801		19.0	20.0	-6.8	30.0
1,2,4-Trichlorobenzene	Lin	0.7398	0.8599		17.0	20.0	-15.7	30.0
Naphthalene	Qua	1.537	1.976		18.0	20.0	-8.1	30.0
1,2,3-Trichlorobenzene	Lin	0.7047	0.8883		18.0	20.0	-10.2	30.0
Dibromofluoromethane	Ave	0.3916	0.3290		21.0	25.0	-16.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.4761	0.4247		22.0	25.0	-10.8	30.0
Toluene-d8 (Surr)	Ave	1.514	1.173		19.0	25.0	-22.5	30.0
4-Bromofluorobenzene	Ave	0.9156	0.7843		21.0	25.0	-14.3	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W2910.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 12-FEB-2009 12:30 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W8260LOW.m
Meth Date : 12-Feb-2009 12:50 ctvoa Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 39 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.973	4.973	(1.000)	279968	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	72231	20.0000	17
3	Chloromethane	50	1.164	1.164	(0.234)	66823	20.0000	16
4	Vinyl Chloride	62	1.175	1.175	(0.236)	81316	20.0000	18
5	Bromomethane	94	1.373	1.373	(0.276)	45701	20.0000	23
6	Chloroethane	64	1.448	1.448	(0.291)	51859	20.0000	24
7	Trichlorofluoromethane	101	1.538	1.538	(0.309)	186067	20.0000	21
8	Dichlorofluoromethane	67	1.576	1.576	(0.317)	174974	20.0000	22
9	Ethyl Ether	45	1.742	1.742	(0.350)	43844	20.0000	19
10	Ethanol	45	1.801	1.801	(0.362)	34496	200.000	210
11	Freon 141	81	1.801	1.801	(0.362)	163579	20.0000	20
12	Freon 123	67	1.918	1.918	(0.386)	17785	20.0000	17
13	Trichlorotrifluoroethane	101	1.908	1.908	(0.384)	73454	20.0000	17
14	1,1-Dichloroethene	96	1.875	1.875	(0.377)	59928	20.0000	17
15	Carbon Disulfide	76	1.892	1.892	(0.380)	200286	20.0000	17
16	Iodomethane	142	1.972	1.972	(0.397)	51850	20.0000	15
17	Acrolein	56	2.116	2.116	(0.426)	55982	100.000	140
18	2-Propanol	45	2.261	2.261	(0.455)	10717	20.0000	24
19	3-Chloro-1-Propene	41	2.223	2.223	(0.447)	92291	20.0000	19
20	Methylene Chloride	84	2.309	2.309	(0.464)	82963	20.0000	20
21	Acetone	43	2.352	2.352	(0.473)	32925	20.0000	22
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.491)	74892	20.0000	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.464	2.464	(0.496)	340158	20.0000	20
	24 Methyl tert-Butyl Ether	73	2.550	2.550	(0.513)	282659	20.0000	21
	25 tert-Butyl alcohol	59	2.646	2.646	(0.532)	50030	100.000	110
	26 Acetonitrile	41	2.747	2.747	(0.553)	98713	200.000	180
	27 Isopropyl ether	45	2.924	2.924	(0.588)	202749	20.0000	18
	28 tert-Butyl ethyl ether	59	3.304	3.304	(0.664)	254733	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.999	2.999	(0.603)	53657	20.0000	16
	30 Acrylonitrile	53	3.063	3.063	(0.616)	65177	40.0000	40
	31 1,1-Dichloroethane	63	3.020	3.020	(0.607)	147584	20.0000	20
	32 Vinyl Acetate	43	3.309	3.309	(0.665)	175405	20.0000	33
	33 cis-1,2-Dichloroethene	96	3.582	3.582	(0.720)	85908	20.0000	19
	34 2,2-Dichloropropane	77	3.694	3.694	(0.743)	138487	20.0000	23
	35 Bromochloromethane	128	3.785	3.785	(0.761)	50861	20.0000	20
	36 1-Bromopropane	43	3.769	3.769	(0.758)	94152	20.0000	18
	37 Cyclohexane	84	3.785	3.785	(0.761)	89832	20.0000	16
	38 Chloroform	83	3.887	3.887	(0.782)	167334	20.0000	21
	39 Ethyl Acetate	43	4.042	4.042	(0.813)	20911	40.0000	47
	40 Methyl Acrylate	55	4.047	4.047	(0.814)	74023	20.0000	20
$	41 Dibromofluoromethane	111	4.080	4.080	(0.820)	92104	20.0000	21
	42 Tetrahydrofuran	42	4.042	4.042	(0.813)	53900	40.0000	43
	43 Carbon Tetrachloride	117	4.015	4.015	(0.807)	131343	20.0000	20
	44 1,1,1-Trichloroethane	97	4.090	4.090	(0.823)	153393	20.0000	21
	45 2-Butanone	43	4.224	4.224	(0.849)	38527	20.0000	21
	46 1,1-Dichloropropene	75	4.229	4.229	(0.850)	101854	20.0000	18
	47 tert-Amyl methyl ether	73	4.673	4.673	(0.940)	238420	20.0000	20
	48 tert-Butyl formate	57	4.850	4.850	(0.975)	13512	20.0000	17
	49 1-Chlorobutane	56	4.294	4.294	(0.863)	143638	20.0000	19
	50 Heptane	43	4.518	4.518	(0.909)	47963	20.0000	17
	51 Propionitrile	54	4.524	4.524	(0.910)	130955	200.000	210
	52 Benzene	78	4.497	4.497	(0.904)	313120	20.0000	19
	53 2-Methyl-2-Propenenitrile	41	4.556	4.556	(0.916)	57199	20.0000	23(M)
	54 Isobutyl alcohol	42	4.673	4.673	(0.940)	14577	200.000	240
$	55 1,2-Dichloroethane-d4	65	4.647	4.647	(0.934)	118909	20.0000	22
	56 1,2-Dichloroethane	62	4.722	4.722	(0.949)	158875	20.0000	24
	59 Methyl Cyclohexane	83	5.144	5.144	(1.034)	85485	20.0000	16
	60 Trichloroethene	130	5.166	5.166	(1.039)	94918	20.0000	19
	61 Isopropyl Acetate	43	5.144	5.144	(1.034)	4507	40.0000	35
	62 n-Butanol	56	5.652	5.652	(1.137)	16116	200.000	250
	63 Dibromomethane	93	5.626	5.626	(1.131)	60936	20.0000	21
	64 1,2-Dichloropropane	63	5.743	5.743	(1.155)	73216	20.0000	19
	65 Bromodichloromethane	83	5.850	5.850	(1.176)	128116	20.0000	22
	66 Methyl Methacrylate	69	6.091	6.091	(1.225)	61430	20.0000	17
	67 1,4-Dioxane	58	6.086	6.086	(1.224)	6616	200.000	220
	68 n-Propyl Acetate	43	6.578	6.578	(1.323)	18118	40.0000	32
	69 2-Chloroethylvinylether	63	6.573	6.573	(1.322)	26639	20.0000	15
	70 cis-1,3-Dichloropropene	75	6.599	6.599	(1.327)	136418	20.0000	20
	71 Chloroacetonitrile	48	7.081	7.081	(1.424)	28145	200.000	200
	72 2-Nitropropane	41	7.150	7.150	(1.438)	61512	40.0000	49
	73 trans-1,3-Dichloropropene	75	7.407	7.407	(1.489)	147188	20.0000	21
	74 1,1,2-Trichloroethane	97	7.589	7.589	(1.526)	81318	20.0000	21
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	262059	25.0000	
	76 Toluene	91	6.877	6.877	(0.789)	343385	20.0000	18
$	77 Toluene-d8	98	6.819	6.819	(0.782)	307391	20.0000	19
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.822)	226609	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	64835	20.0000	18
80	Tetrachloroethene	164	7.332	7.332	(0.841)	68150	20.0000	16
81	Ethyl Methacrylate	69	7.675	7.675	(0.880)	74866	20.0000	23
82	Dibromochloromethane	129	7.787	7.787	(0.893)	106582	20.0000	21
83	1,3-Dichloropropane	76	7.910	7.910	(0.907)	139842	20.0000	19
84	1,2-Dibromoethane	107	8.038	8.038	(0.922)	85703	20.0000	19
85	n-Butyl Acetate	56	8.375	8.375	(0.961)	36400	20.0000	18
86	2-Hexanone	43	8.440	8.440	(0.968)	45375	20.0000	17
87	1-Chlorohexane	91	8.793	8.793	(1.009)	67982	20.0000	14(M)
88	Chlorobenzene	112	8.739	8.739	(1.002)	238994	20.0000	18
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.014)	99657	20.0000	20
90	Ethylbenzene	106	8.819	8.819	(1.012)	120617	20.0000	17
91	Xylene (total)mp	106	9.017	9.017	(1.034)	292483	40.0000	35
92	Xylene (total)o	106	9.520	9.520	(1.092)	124325	20.0000	16
93	Styrene	104	9.584	9.584	(1.099)	221400	20.0000	17
94	Bromoform	173	9.568	9.568	(1.098)	74248	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	161192	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	295135	20.0000	16
97	Bromobenzene	156	10.205	10.205	(0.917)	106881	20.0000	18
98	1,1,2,2-Tetrachloroethane	83	10.365	10.365	(0.932)	98630	20.0000	18
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	337680	20.0000	17
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	41200	20.0000	20
101	trans-1,4-Dichloro-2-Butene	53	10.521	10.521	(0.946)	68073	40.0000	41
102	n-Propylbenzene	91	10.291	10.291	(0.925)	349813	20.0000	16
103	2-Chlorotoluene	91	10.403	10.403	(0.935)	301188	20.0000	18
104	4-Chlorotoluene	91	10.558	10.558	(0.949)	282863	20.0000	18
105	1,3,5-Trimethylbenzene	105	10.489	10.489	(0.943)	300229	20.0000	18
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	213240	20.0000	16
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	301666	20.0000	18
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	287724	20.0000	16
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	259900	20.0000	16
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	193466	20.0000	18
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	195287	20.0000	18
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	190777	20.0000	18
113	Benzyl Chloride	126	11.350	11.350	(1.020)	48196	20.0000	19
114	1,4-Diethylbenzene	119	11.344	11.344	(1.020)	134417	20.0000	16
115	n-Butylbenzene	91	11.382	11.382	(1.023)	233833	20.0000	17
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	224622	20.0000	16
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	25341	20.0000	20
120	Nitrobenzene	77	12.489	12.489	(1.123)	49250	200.000	190
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	110888	20.0000	17
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	61911	20.0000	19
123	Naphthalene	128	12.805	12.805	(1.151)	254771	20.0000	18
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	114545	20.0000	18
$ 125	Bromofluorobenzene	95	10.130	10.130	(0.911)	126417	20.0000	21
M 126	1,2-Dichloroethene (total)	100				160800	40.0000	36
M 127	Xylene (total)	100				416808	60.0000	51

QC Flag Legend

M - Compound response manually integrated.

Data File: W2910.D

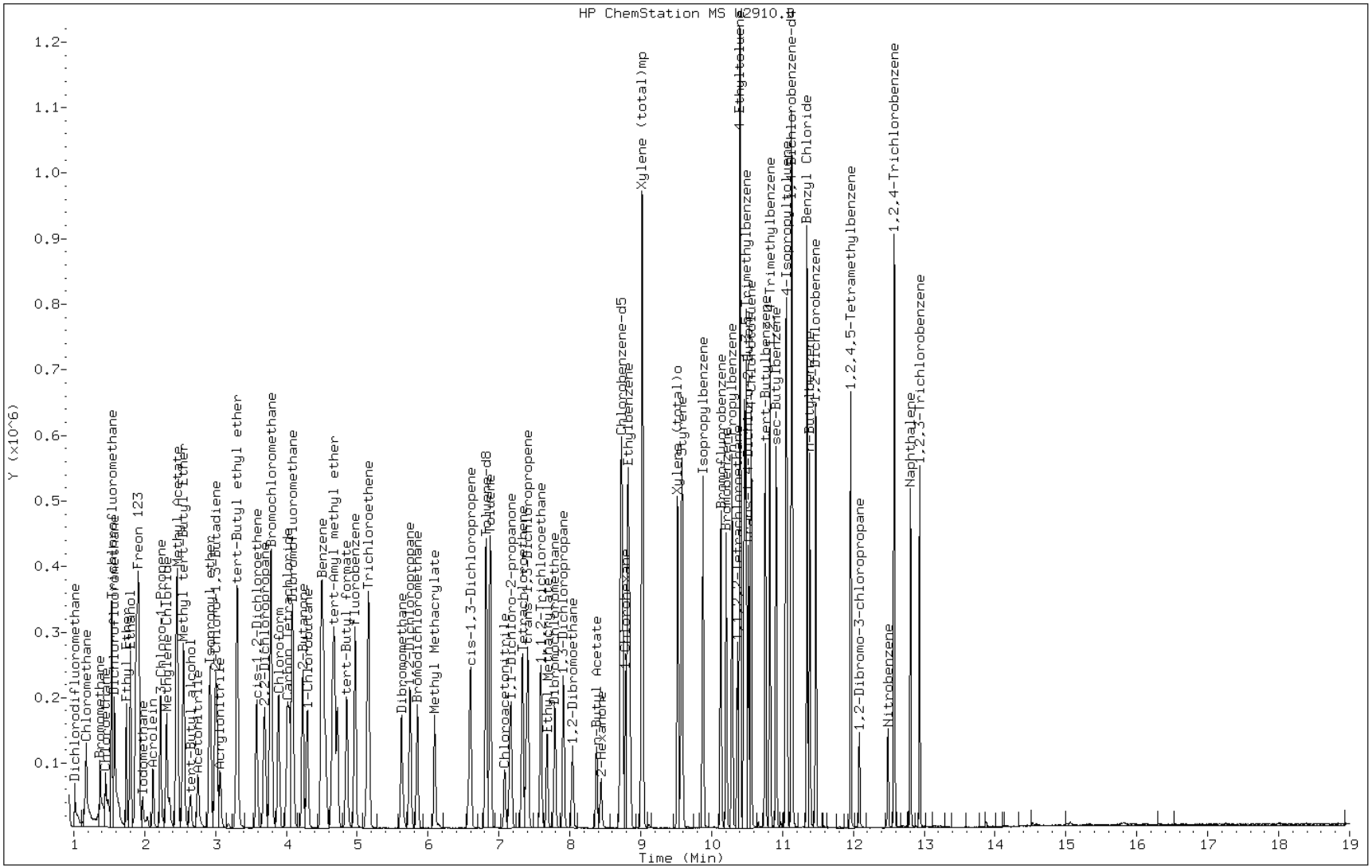
Date: 12-FEB-2009 12:30

Client ID: CCVIS

Instrument: msw.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W2910.D
Inj. Date and Time: 12-FEB-2009 12:30
Instrument ID: msw.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/13/2009

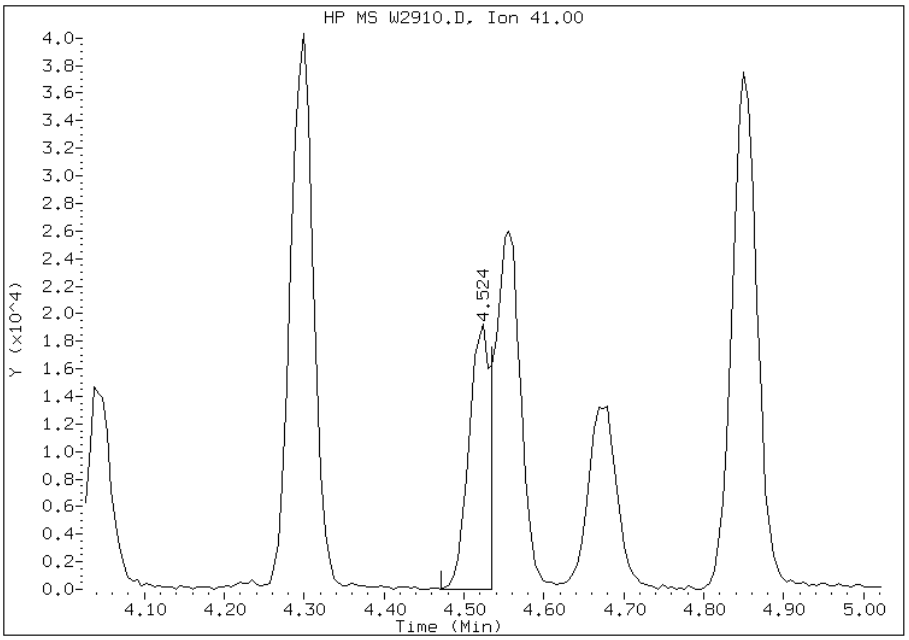
Processing Integration Results

RT: 4.52

Response: 36793

Amount: 15

Conc: 15



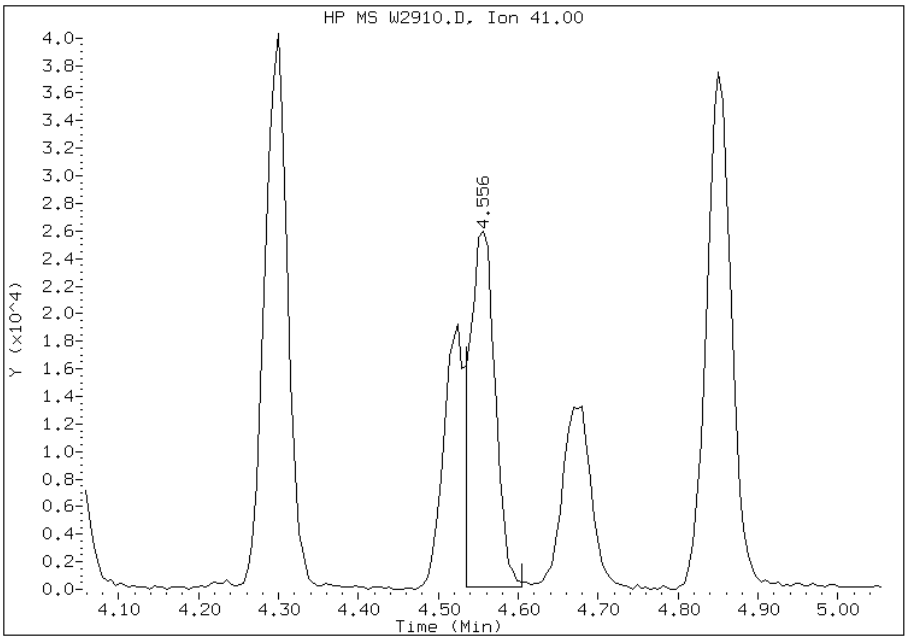
Manual Integration Results

RT: 4.56

Response: 57199

Amount: 23

Conc: 23



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2910.D
Inj. Date and Time: 12-FEB-2009 12:30
Instrument ID: msw.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/13/2009

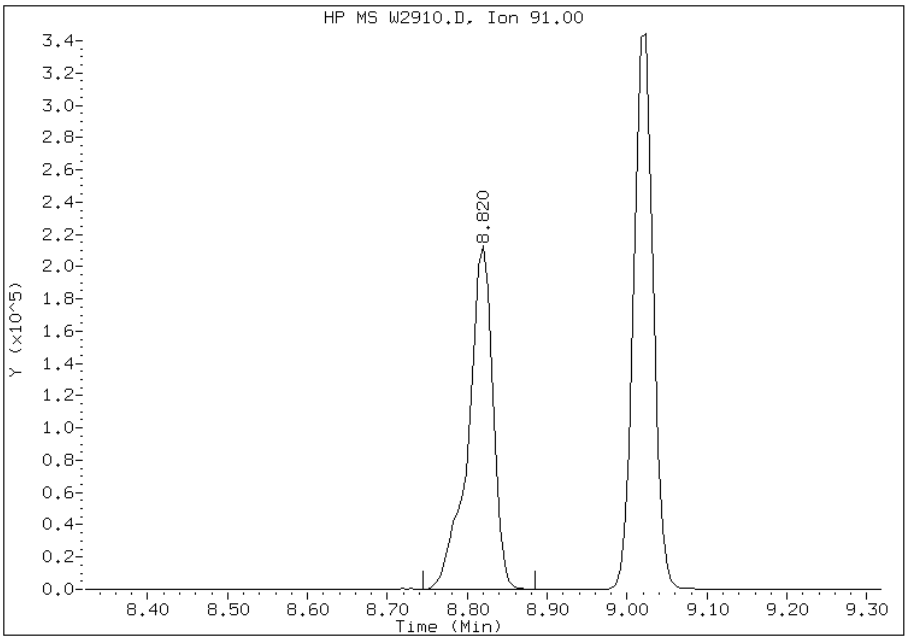
Processing Integration Results

RT: 8.82

Response: 456904

Amount: 88

Conc: 88



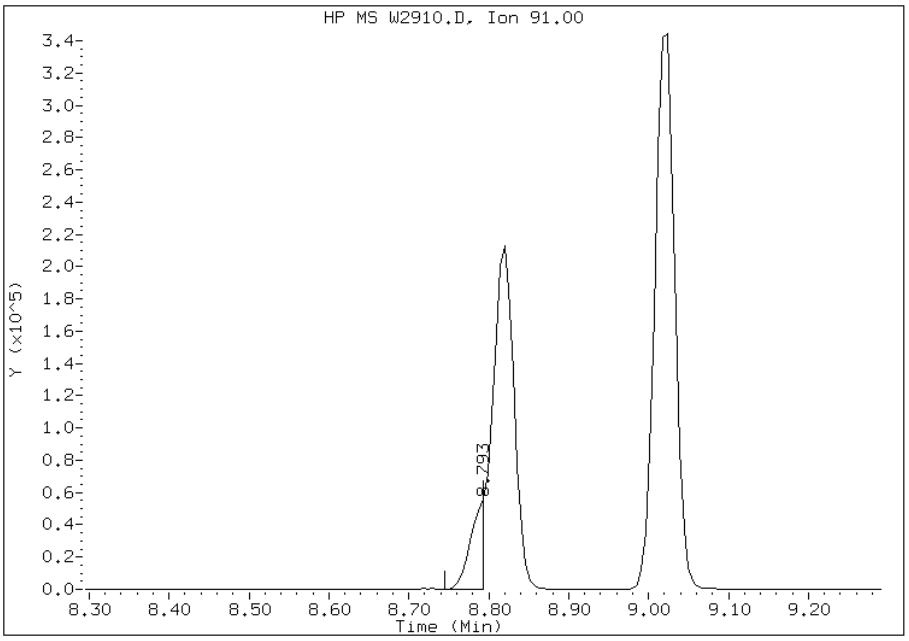
Manual Integration Results

RT: 8.79

Response: 67982

Amount: 14

Conc: 14



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Test America Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W092736.b\WB003.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 05-FEB-2009 19:54 MS Autotune Date: 16-JAN-2009 15:45
Operator : D. HUMBERT Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092736.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 17 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
2.672	2.970	(0.000)	95	598080			0.00- 100.00	100.00
2.672	2.970	(0.000)	50	95456			15.00- 40.00	15.96
2.672	2.970	(0.000)	75	282496			30.00- 60.00	47.23
2.672	2.970	(0.000)	96	39920			5.00- 9.00	6.67
2.672	2.970	(0.000)	173	3191			0.00- 2.00	0.59
2.672	2.970	(0.000)	174	536768			50.00- 100.00	89.75
2.672	2.970	(0.000)	175	37080			5.00- 9.00	6.91
2.672	2.970	(0.000)	176	516608			95.00- 101.00	96.24
2.672	2.970	(0.000)	177	33120			5.00- 9.00	6.41

Data File: WB003.D

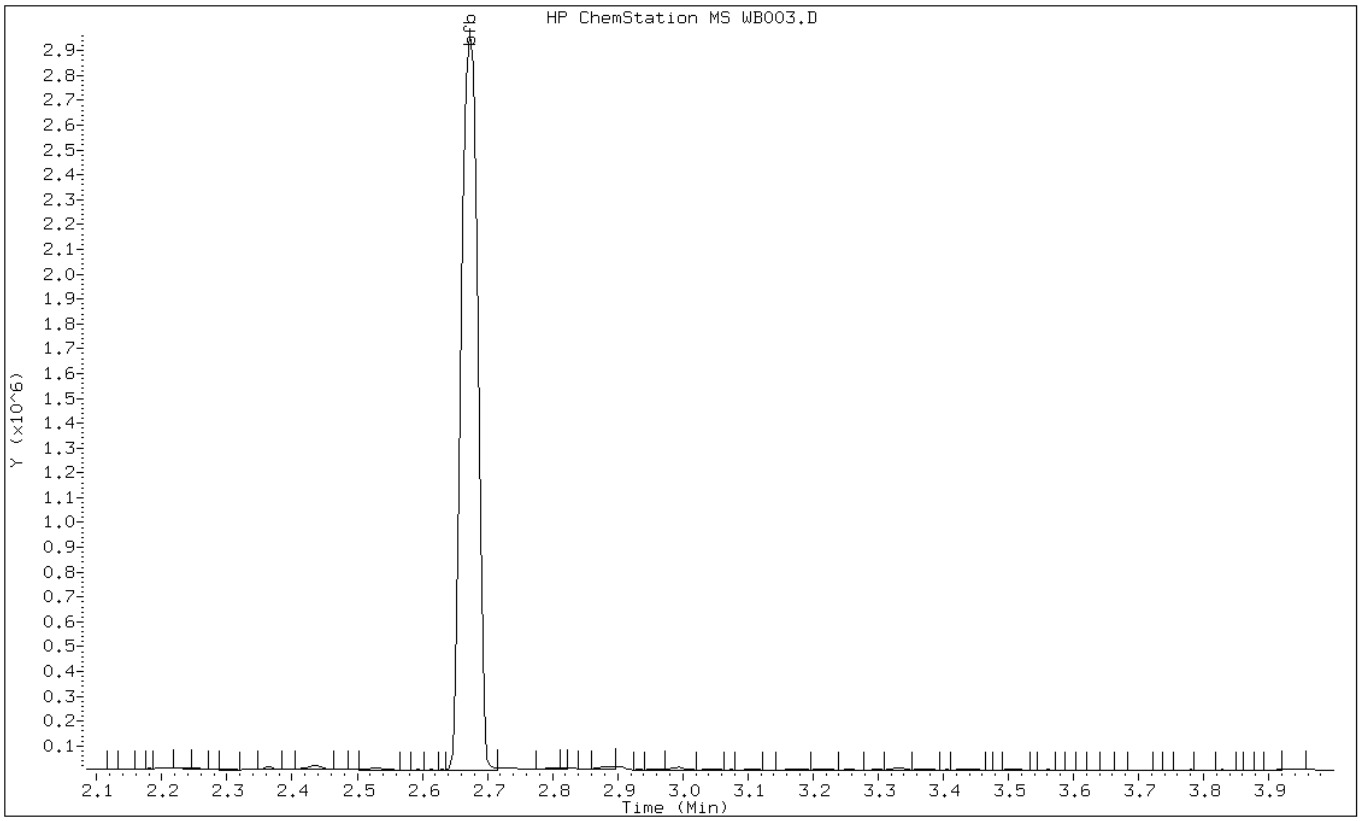
Date: 05-FEB-2009 19:54

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: D. HUMBERT



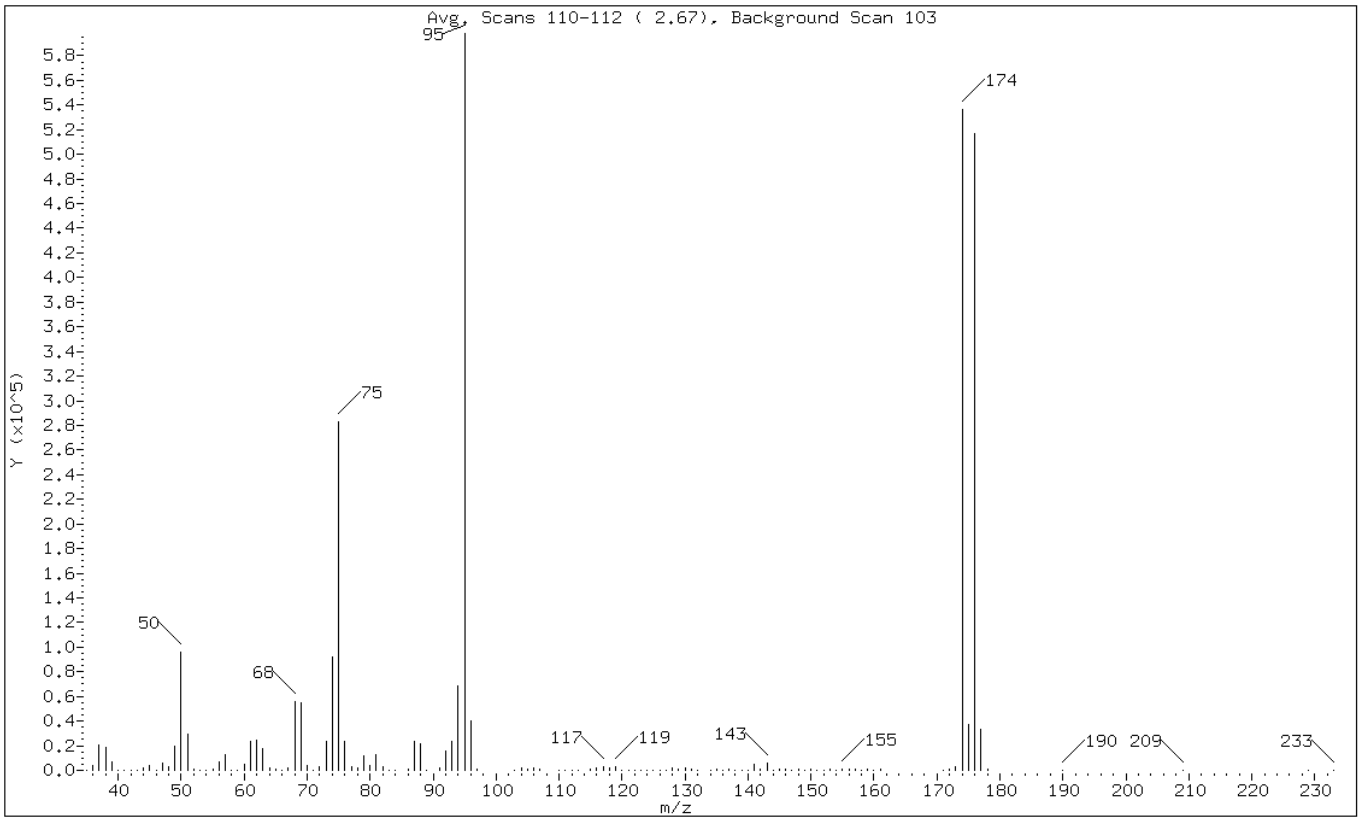
Data File: WB003.D

Date: 05-FEB-2009 19:54

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: D. HUMBERT

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.96
75	30.00 - 60.00% of mass 95	47.23
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.53 (0.59)
174	50.00 - 100.00% of mass 95	89.75
175	5.00 - 9.00% of mass 174	6.20 (6.91)
176	95.00 - 101.00% of mass 174	86.38 (96.24)
177	5.00 - 9.00% of mass 176	5.54 (6.41)

Data File: WB003.D

Date: 05-FEB-2009 19:54

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: D. HUMBERT

Data File: \\consvr05\Files\chem\VOA\msw.i\W092736.b\WB003.D
Spectrum: Avg. Scans 110-112 (2.67), Background Scan 103
Location of Maximum: 95.00
Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	33	68.00	55840	110.00	257	145.00	688
36.00	3718	69.00	55016	111.00	402	146.00	739
37.00	21000	70.00	4053	112.00	263	147.00	480
38.00	18752	71.00	133	113.00	440	148.00	1399
39.00	7332	72.00	2853	115.00	597	149.00	452
40.00	294	73.00	23288	116.00	1856	150.00	514
41.00	79	74.00	91920	117.00	3191	151.00	33
42.00	89	75.00	282496	118.00	1783	152.00	280
43.00	40	76.00	23768	119.00	2901	153.00	517
44.00	2338	77.00	3246	120.00	35	154.00	383
45.00	3966	78.00	2058	121.00	38	155.00	1441
46.00	279	79.00	11933	122.00	43	156.00	490
47.00	5575	80.00	3903	123.00	223	157.00	1165
48.00	2847	81.00	12762	124.00	338	158.00	337
49.00	19608	82.00	2785	125.00	36	159.00	763
50.00	95456	83.00	333	126.00	274	160.00	39
51.00	29592	84.00	39	127.00	96	161.00	712
52.00	1303	86.00	575	128.00	1986	171.00	80
53.00	135	87.00	23128	129.00	801	172.00	1200
54.00	55	88.00	21520	130.00	2110	173.00	3191
55.00	1073	89.00	71	131.00	768	174.00	536768
56.00	6816	91.00	1773	132.00	147	175.00	37080
57.00	13050	92.00	15342	134.00	181	176.00	516608
58.00	369	93.00	23424	135.00	940	177.00	33120
59.00	98	94.00	68432	136.00	207	178.00	1012
60.00	4583	95.00	598080	137.00	974	190.00	52
61.00	23784	96.00	39920	138.00	79	209.00	37
62.00	24208	97.00	1289	139.00	150	229.00	36
63.00	17688	103.00	259	140.00	387	233.00	57
64.00	1753	104.00	2167	141.00	5348		
65.00	774	105.00	740	142.00	701		
66.00	189	106.00	2373	143.00	5729		
67.00	1474	107.00	565	144.00	276		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\WB007.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 10-FEB-2009 10:18 MS Autotune Date: 16-JAN-2009 15:45
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 4 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.667	2.970	(0.000)	95	585344			0.00- 100.00	100.00
2.667	2.970	(0.000)	50	104624			15.00- 40.00	17.87
2.667	2.970	(0.000)	75	299264			30.00- 60.00	51.13
2.667	2.970	(0.000)	96	38992			5.00- 9.00	6.66
2.667	2.970	(0.000)	173	3089			0.00- 2.00	0.62
2.667	2.970	(0.000)	174	494976			50.00- 100.00	84.56
2.667	2.970	(0.000)	175	34600			5.00- 9.00	6.99
2.667	2.970	(0.000)	176	481536			95.00- 101.00	97.28
2.667	2.970	(0.000)	177	30440			5.00- 9.00	6.32

Data File: WB007.D

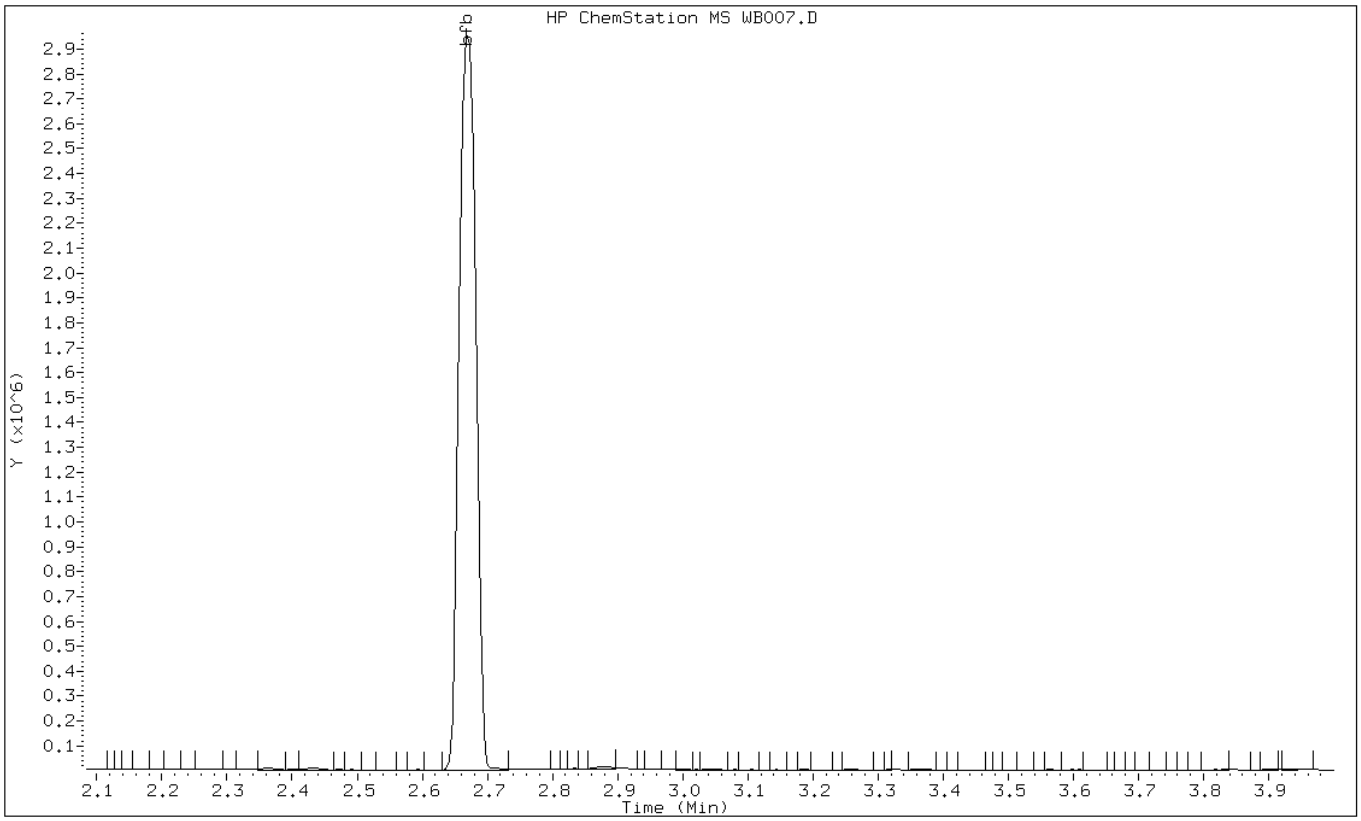
Date: 10-FEB-2009 10:18

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



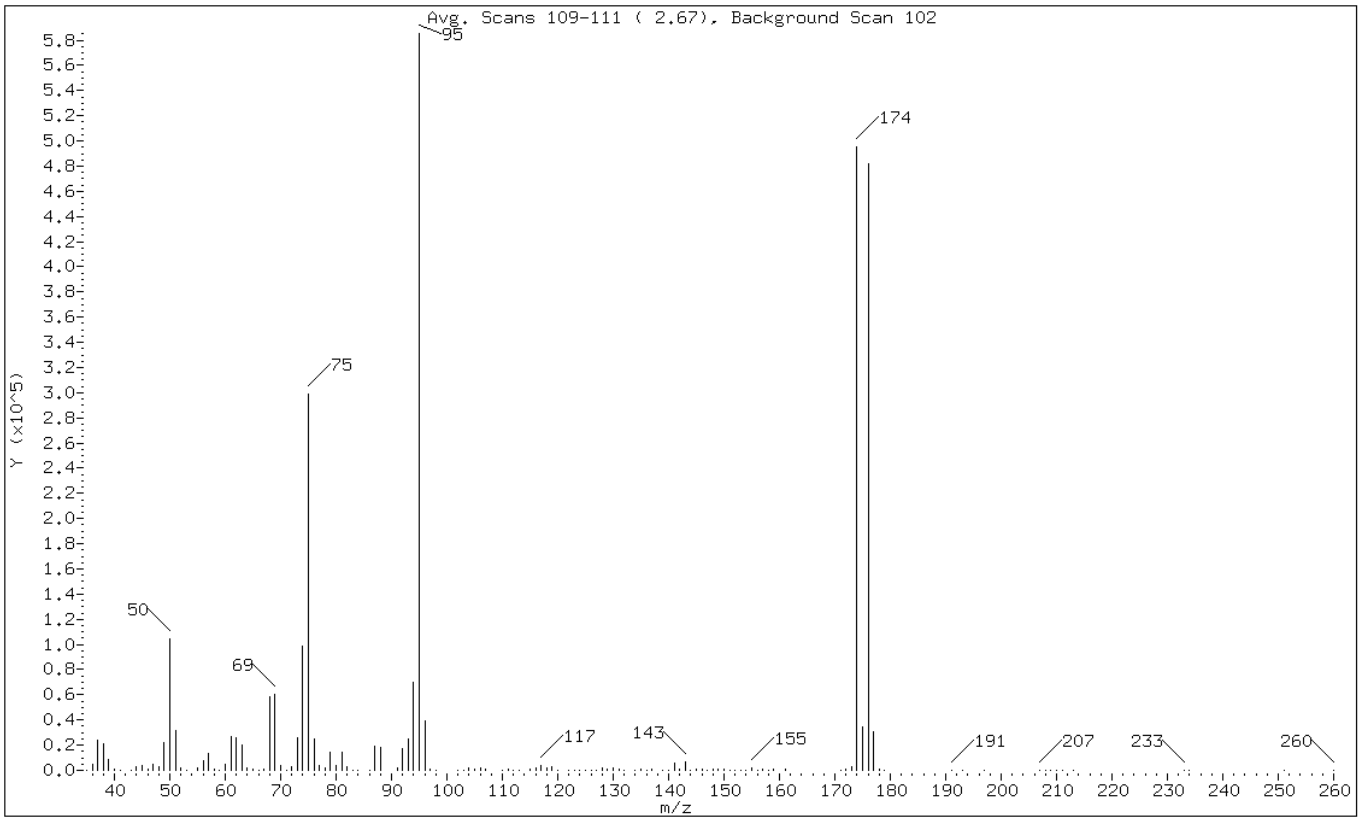
Data File: WB007.D

Date: 10-FEB-2009 10:18

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.87
75	30.00 - 60.00% of mass 95	51.13
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.53 (0.62)
174	50.00 - 100.00% of mass 95	84.56
175	5.00 - 9.00% of mass 174	5.91 (6.99)
176	95.00 - 101.00% of mass 174	82.27 (97.28)
177	5.00 - 9.00% of mass 176	5.20 (6.32)

Data File: WB007.D

Date: 10-FEB-2009 10:18

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W092829.b\WB007.D
Spectrum: Avg. Scans 109-111 (2.67), Background Scan 102
Location of Maximum: 95.00
Number of points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	47	71.00	191	113.00	333	151.00	80
36.00	4563	72.00	2889	115.00	571	152.00	348
37.00	23528	73.00	25688	116.00	2173	153.00	452
38.00	20864	74.00	98776	117.00	3757	154.00	465
39.00	8303	75.00	299264	118.00	1979	155.00	1472
40.00	535	76.00	25040	119.00	2982	156.00	401
41.00	66	77.00	3660	120.00	35	157.00	1207
43.00	136	78.00	1849	122.00	158	158.00	467
44.00	2727	79.00	14486	123.00	194	159.00	609
45.00	4122	80.00	4303	124.00	384	161.00	745
46.00	482	81.00	14598	125.00	113	171.00	49
47.00	4600	82.00	3179	126.00	287	172.00	1268
48.00	3021	83.00	342	127.00	102	173.00	3089
49.00	21808	84.00	38	128.00	2088	174.00	494976
50.00	104624	86.00	454	129.00	1051	175.00	34600
51.00	31816	87.00	19208	130.00	2190	176.00	481536
52.00	1455	88.00	18624	131.00	776	177.00	30440
53.00	197	91.00	2005	132.00	93	178.00	834
55.00	1726	92.00	16944	134.00	140	179.00	41
56.00	8097	93.00	25136	135.00	960	191.00	129
57.00	13861	94.00	69528	136.00	198	193.00	87
58.00	794	95.00	585344	137.00	1124	197.00	50
59.00	210	96.00	38992	139.00	194	207.00	378
60.00	4999	97.00	1207	140.00	371	208.00	206
61.00	26736	98.00	40	141.00	5771	209.00	58
62.00	25520	102.00	45	142.00	684	210.00	41
63.00	19824	103.00	185	143.00	6524	211.00	205
64.00	1815	104.00	2371	144.00	365	213.00	36
65.00	981	105.00	775	145.00	739	233.00	248
66.00	42	106.00	2375	146.00	788	234.00	96
67.00	1297	107.00	553	147.00	433	251.00	34
68.00	58368	110.00	343	148.00	1332	260.00	85
69.00	60248	111.00	619	149.00	483		
70.00	4186	112.00	368	150.00	780		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W092867.b\WB013.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 11-FEB-2009 16:49 MS Autotune Date: 16-JAN-2009 15:45
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092867.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 10 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.672	2.970	(0.000)	95	542336			0.00- 100.00	100.00
2.672	2.970	(0.000)	50	94864			15.00- 40.00	17.49
2.672	2.970	(0.000)	75	271872			30.00- 60.00	50.13
2.672	2.970	(0.000)	96	36624			5.00- 9.00	6.75
2.672	2.970	(0.000)	173	2685			0.00- 2.00	0.55
2.672	2.970	(0.000)	174	488576			50.00- 100.00	90.09
2.672	2.970	(0.000)	175	33928			5.00- 9.00	6.94
2.672	2.970	(0.000)	176	471424			95.00- 101.00	96.49
2.672	2.970	(0.000)	177	30992			5.00- 9.00	6.57

Data File: WB013.D

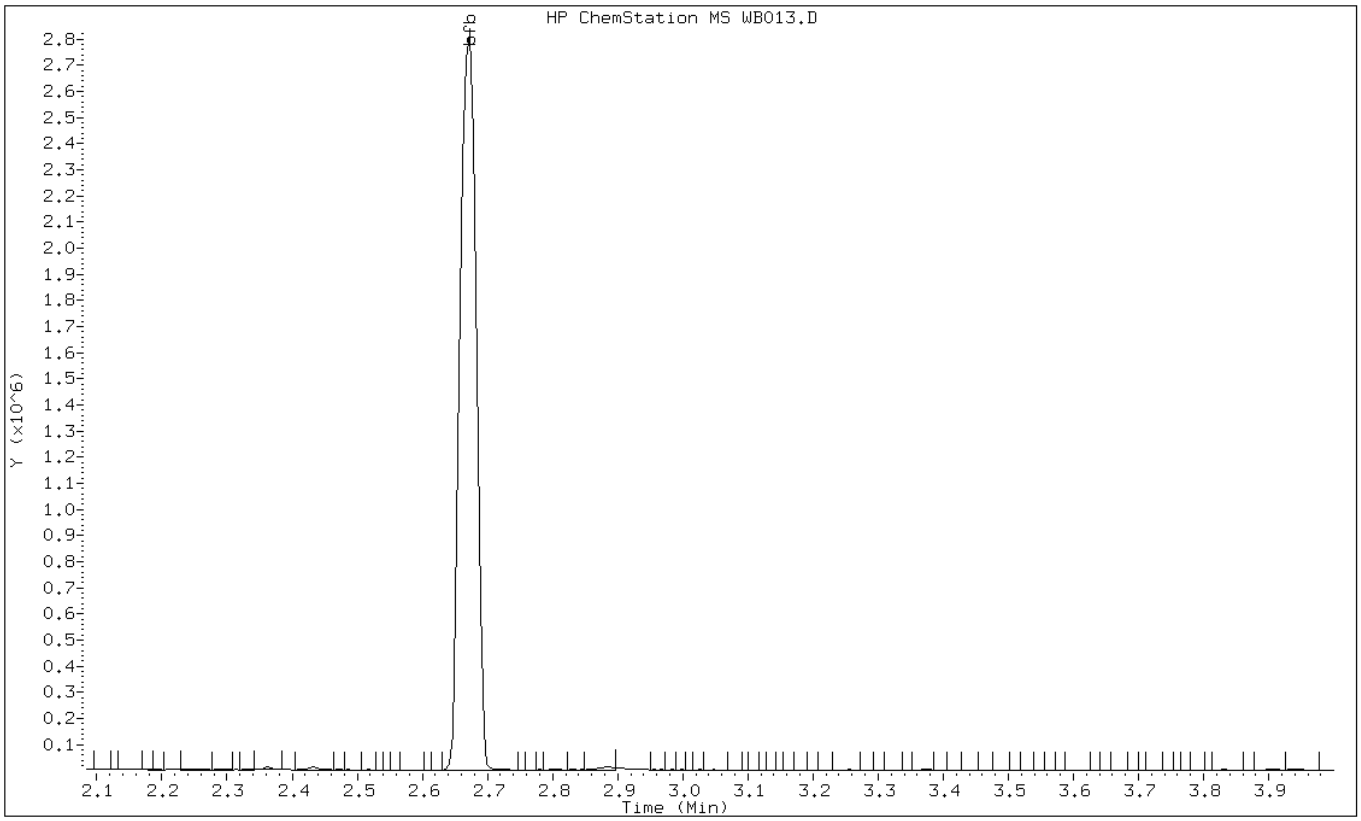
Date: 11-FEB-2009 16:49

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



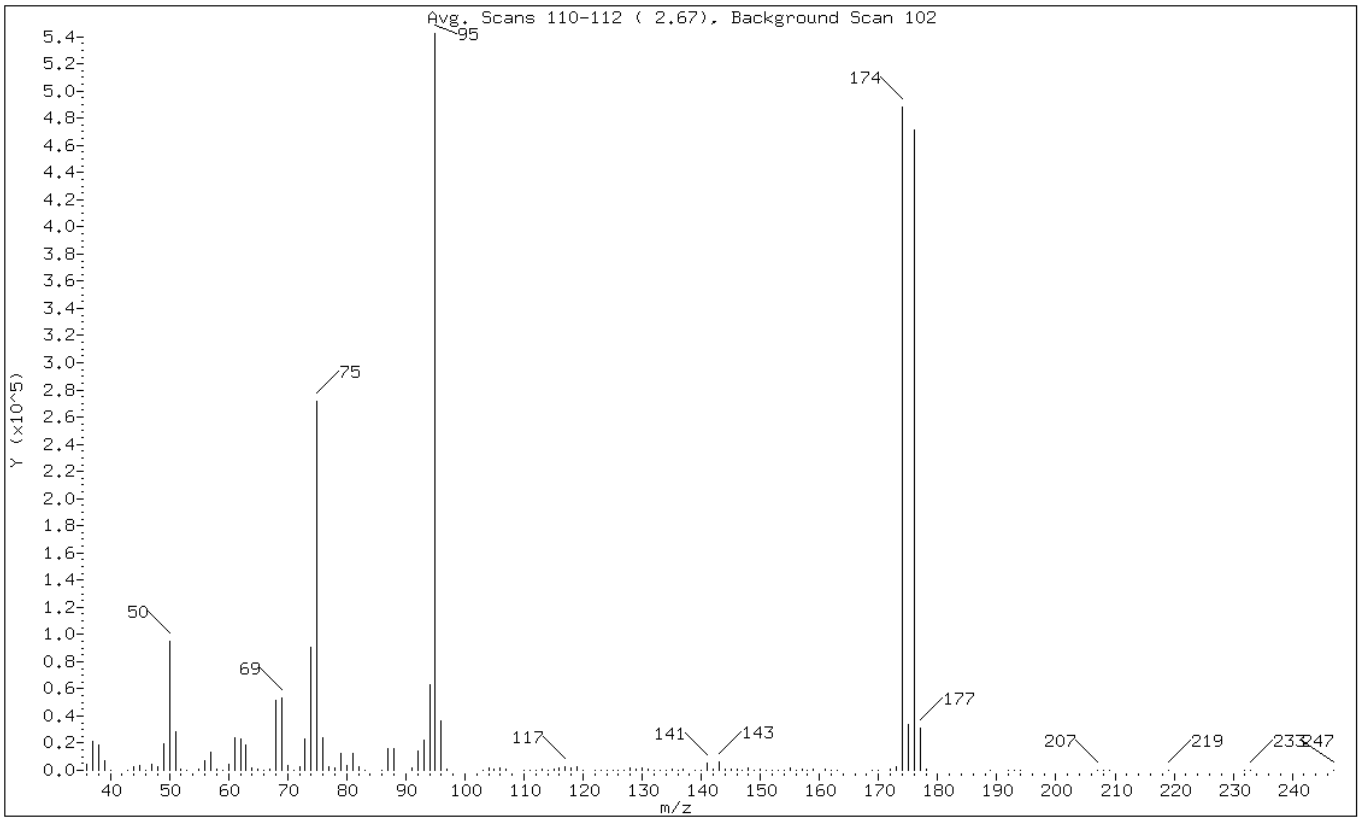
Data File: WB013.D

Date: 11-FEB-2009 16:49

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.49
75	30.00 - 60.00% of mass 95	50.13
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	0.50 (0.55)
174	50.00 - 100.00% of mass 95	90.09
175	5.00 - 9.00% of mass 174	6.26 (6.94)
176	95.00 - 101.00% of mass 174	86.92 (96.49)
177	5.00 - 9.00% of mass 176	5.71 (6.57)

Data File: WB013.D

Date: 11-FEB-2009 16:49

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W092867.b\WB013.D
Spectrum: Avg. Scans 110-112 (2.67), Background Scan 102
Location of Maximum: 95.00
Number of points: 131

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4164	72.00	2596	116.00	2045	151.00	43
37.00	21544	73.00	23232	117.00	3079	152.00	261
38.00	18840	74.00	90888	118.00	1950	153.00	397
39.00	6952	75.00	271872	119.00	2789	154.00	385
40.00	296	76.00	24128	120.00	44	155.00	1414
43.00	132	77.00	2612	122.00	138	156.00	341
44.00	2341	78.00	1523	123.00	198	157.00	1003
45.00	3887	79.00	12598	124.00	320	158.00	207
46.00	334	80.00	3697	125.00	215	159.00	589
47.00	4131	81.00	12544	126.00	251	161.00	674
48.00	2634	82.00	2904	127.00	166	162.00	37
49.00	19520	83.00	351	128.00	1889	163.00	37
50.00	94864	86.00	385	129.00	917	169.00	38
51.00	28632	87.00	16382	130.00	2169	170.00	79
52.00	1094	88.00	16235	131.00	817	172.00	563
53.00	121	91.00	1611	132.00	33	173.00	2685
55.00	1296	92.00	14006	133.00	35	174.00	488576
56.00	7353	93.00	22376	134.00	169	175.00	33928
57.00	13126	94.00	63304	135.00	965	176.00	471424
58.00	452	95.00	542336	136.00	147	177.00	30992
59.00	52	96.00	36624	137.00	850	178.00	846
60.00	4585	97.00	854	139.00	156	189.00	36
61.00	23680	103.00	319	140.00	433	192.00	35
62.00	23096	104.00	2088	141.00	5601	193.00	84
63.00	18432	105.00	807	142.00	526	194.00	45
64.00	1619	106.00	2113	143.00	5913	207.00	221
65.00	591	107.00	452	144.00	458	208.00	76
66.00	46	110.00	332	145.00	623	209.00	59
67.00	1228	111.00	406	146.00	717	219.00	39
68.00	51832	112.00	353	147.00	383	232.00	46
69.00	53504	113.00	469	148.00	1351	233.00	56
70.00	3954	114.00	41	149.00	346	247.00	38
71.00	52	115.00	534	150.00	582		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W092908.b\WB016.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 12-FEB-2009 12:20 MS Autotune Date: 16-JAN-2009 15:45
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092908.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 13 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.689	2.970	(0.000)	95	38984			0.00- 100.00	100.00
2.689	2.970	(0.000)	50	7058			15.00- 40.00	18.10
2.689	2.970	(0.000)	75	19824			30.00- 60.00	50.85
2.689	2.970	(0.000)	96	2609			5.00- 9.00	6.69
2.689	2.970	(0.000)	173	347			0.00- 2.00	0.94
2.689	2.970	(0.000)	174	36728			50.00- 100.00	94.21
2.689	2.970	(0.000)	175	2575			5.00- 9.00	7.01
2.689	2.970	(0.000)	176	35152			95.00- 101.00	95.71
2.689	2.970	(0.000)	177	2319			5.00- 9.00	6.60

Data File: WB016.D

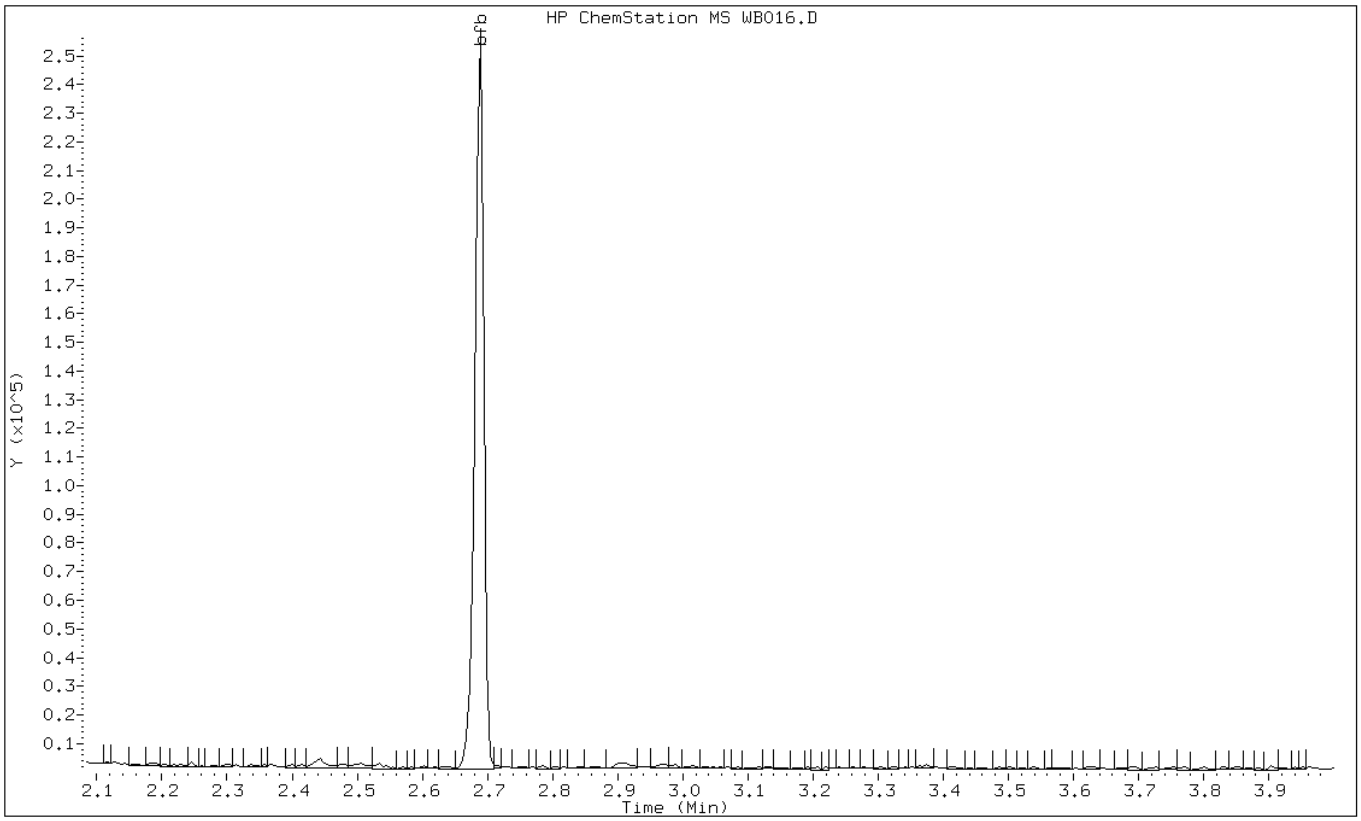
Date: 12-FEB-2009 12:20

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



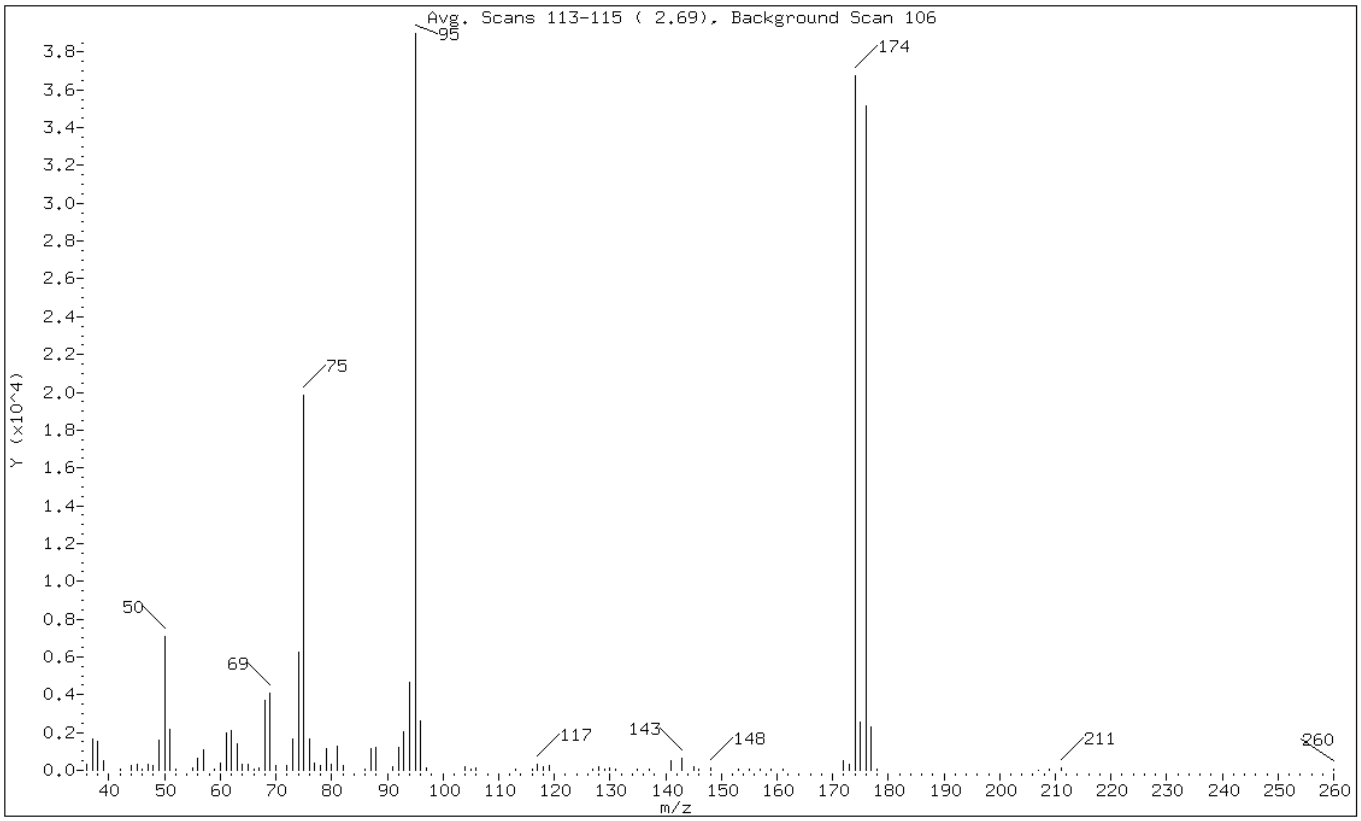
Data File: WB016.D

Date: 12-FEB-2009 12:20

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.10
75	30.00 - 60.00% of mass 95	50.85
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.89 (0.94)
174	50.00 - 100.00% of mass 95	94.21
175	5.00 - 9.00% of mass 174	6.61 (7.01)
176	95.00 - 101.00% of mass 174	90.17 (95.71)
177	5.00 - 9.00% of mass 176	5.95 (6.60)

Data File: WB016.D

Date: 12-FEB-2009 12:20

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W092908.b\WB016.D
Spectrum: Avg. Scans 113-115 (2.69), Background Scan 106
Location of Maximum: 95.00
Number of points: 86

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	348	64.00	321	92.00	1224	143.00	633
37.00	1630	65.00	337	93.00	2063	145.00	180
38.00	1515	66.00	33	94.00	4686	146.00	58
39.00	541	67.00	123	95.00	38984	148.00	134
42.00	44	68.00	3672	96.00	2609	153.00	34
44.00	268	69.00	4080	97.00	96	155.00	59
45.00	343	70.00	238	104.00	179	157.00	91
46.00	34	72.00	228	105.00	83	159.00	46
47.00	311	73.00	1631	106.00	156	161.00	89
48.00	228	74.00	6263	113.00	43	172.00	531
49.00	1574	75.00	19824	116.00	48	173.00	347
50.00	7058	76.00	1654	117.00	316	174.00	36728
51.00	2152	77.00	375	118.00	184	175.00	2575
52.00	94	78.00	233	119.00	272	176.00	35152
55.00	140	79.00	1162	127.00	34	177.00	2319
56.00	638	80.00	327	128.00	163	178.00	38
57.00	1082	81.00	1296	129.00	42	207.00	12
59.00	39	82.00	277	130.00	154	209.00	40
60.00	388	86.00	41	131.00	63	211.00	106
61.00	1975	87.00	1146	135.00	89	260.00	61
62.00	2089	88.00	1200	137.00	41		
63.00	1410	91.00	215	141.00	485		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: | Lab Sample ID: MB 220-24246/3

Matrix: Water | Lab File ID: W2833.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2009 12:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	1.0	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: Lab Sample ID: MB 220-24246/3

Matrix: Water Lab File ID: W2833.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/10/2009 12:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24246 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	88	54-137	
2037-26-5	Toluene-d8 (Surr)	74	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2833.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 10-FEB-2009 12:04 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W8260LOW.m
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.968	(1.000)	309793	25.0000	
	20 Methylene Chloride	84	2.309	2.309	(0.465)	1528	1.00734	1
$	41 Dibromofluoromethane	111	4.080	4.074	(0.821)	106725	21.9961	22
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.934)	138277	23.4374	23
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	284117	25.0000	
	76 Toluene	91	6.883	6.877	(0.790)	3912	0.18712	0.2(H)
$	77 Toluene-d8	98	6.819	6.819	(0.782)	316811	18.4123	18
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	130164	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.125	(0.911)	103706	21.7550	22

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: W2833.D

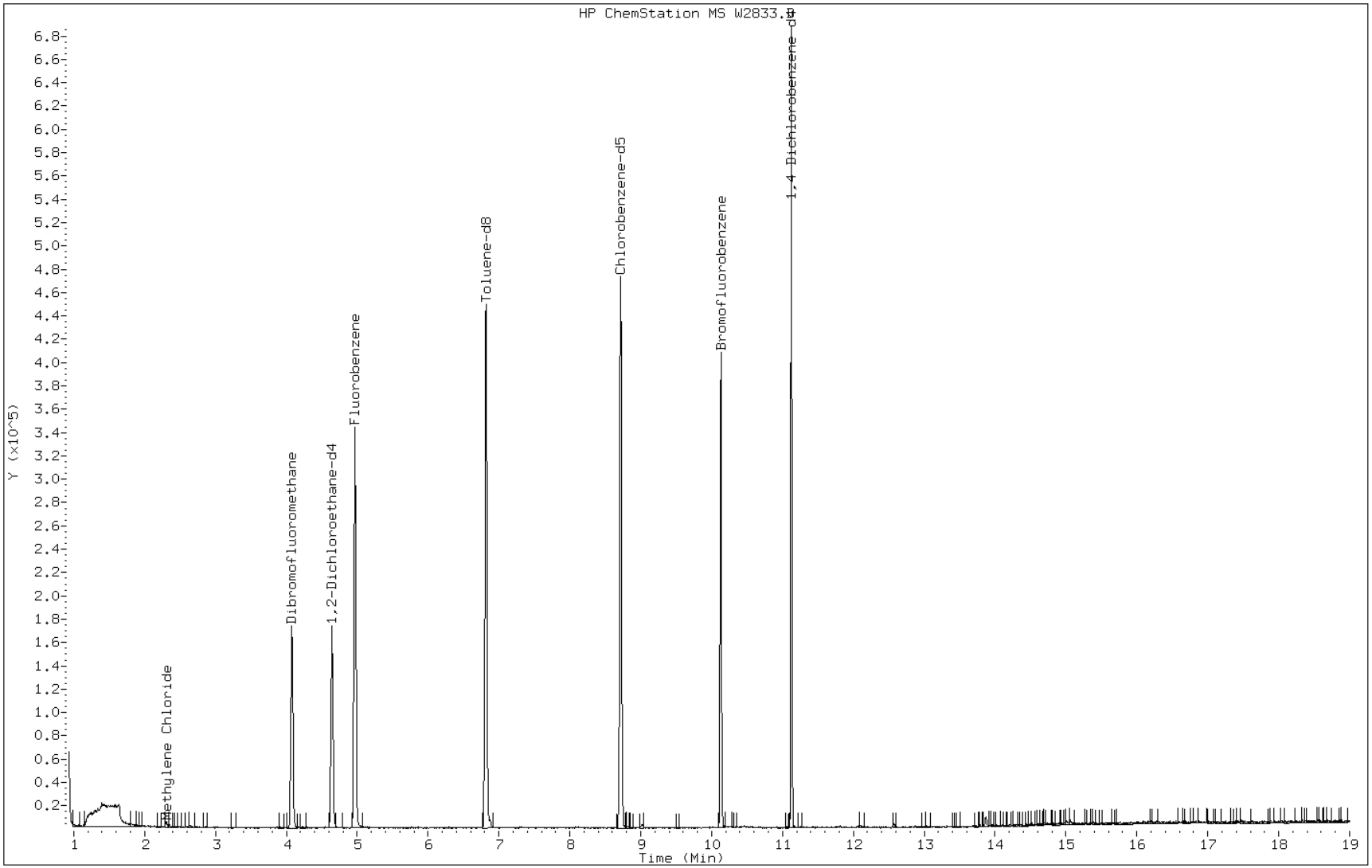
Date: 10-FEB-2009 12:04

Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: W2833.D

Date: 10-FEB-2009 12:04

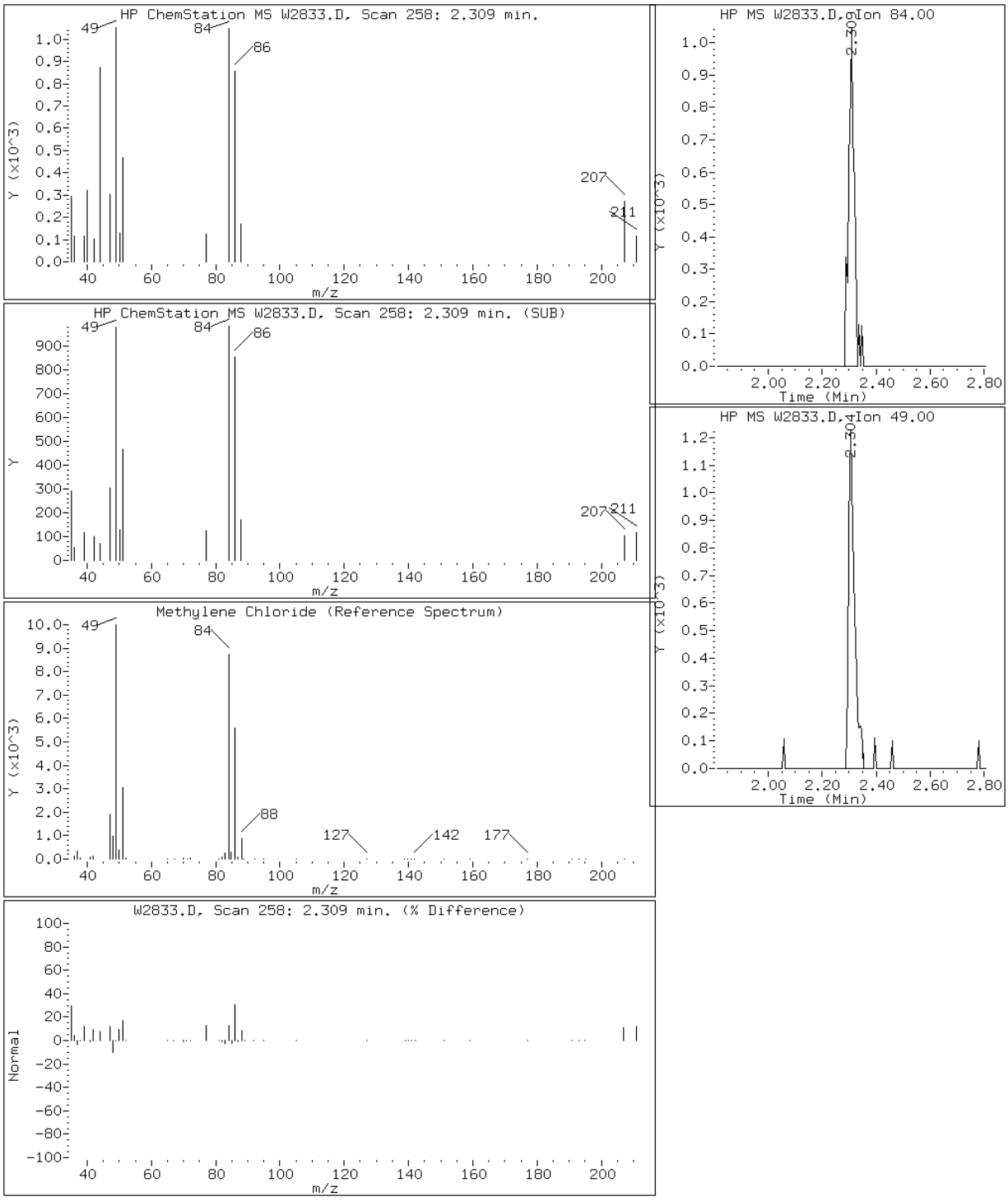
Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: | Lab Sample ID: MB 220-24290/3

Matrix: Water | Lab File ID: W2875.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2009 18:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24290 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	1.1	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: Lab Sample ID: MB 220-24290/3

Matrix: Water Lab File ID: W2875.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/11/2009 18:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24290 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90	53-125	
460-00-4	4-Bromofluorobenzene	90	73-127	
1868-53-7	Dibromofluoromethane	87	54-137	
2037-26-5	Toluene-d8 (Surr)	74	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W2875.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 11-FEB-2009 18:40 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W8260LOW.m
Meth Date : 12-Feb-2009 10:49 dawn Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.973	4.968	(1.000)	279102	25.0000	
	20 Methylene Chloride	84	2.309	2.309	(0.464)	1808	1.10795	1
	21 Acetone	43	2.352	2.352	(0.473)	689	1.02501	1(M)
$	41 Dibromofluoromethane	111	4.080	4.080	(0.820)	94551	21.6299	22
$	55 1,2-Dichloroethane-d4	65	4.641	4.647	(0.933)	119964	22.5693	22
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	263132	25.0000	
$	77 Toluene-d8	98	6.819	6.813	(0.782)	296384	18.5988	18
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	126907	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.130	(0.911)	105048	22.6021	23

QC Flag Legend

M - Compound response manually integrated.

Data File: W2875.D

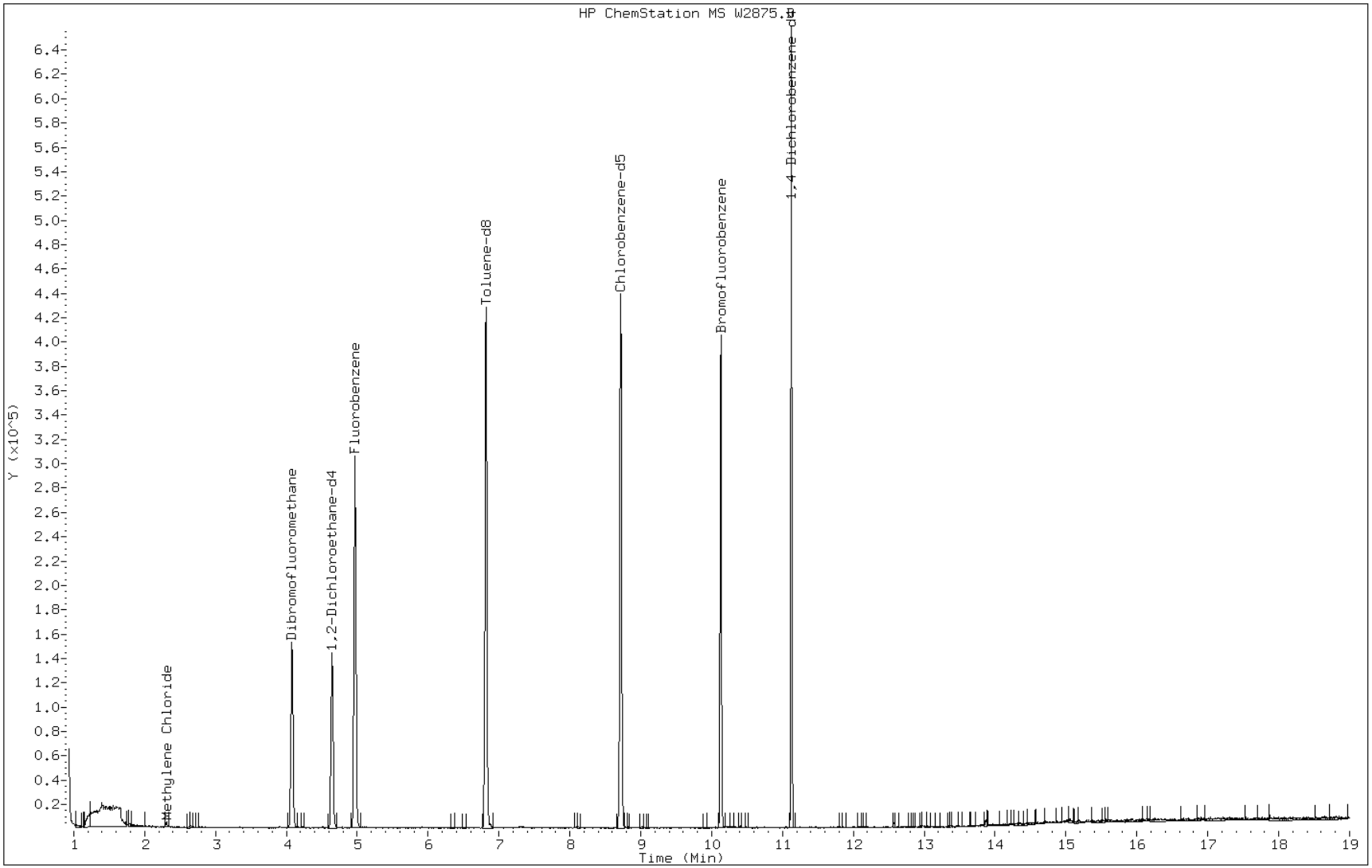
Date: 11-FEB-2009 18:40

Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: W2875.D

Date: 11-FEB-2009 18:40

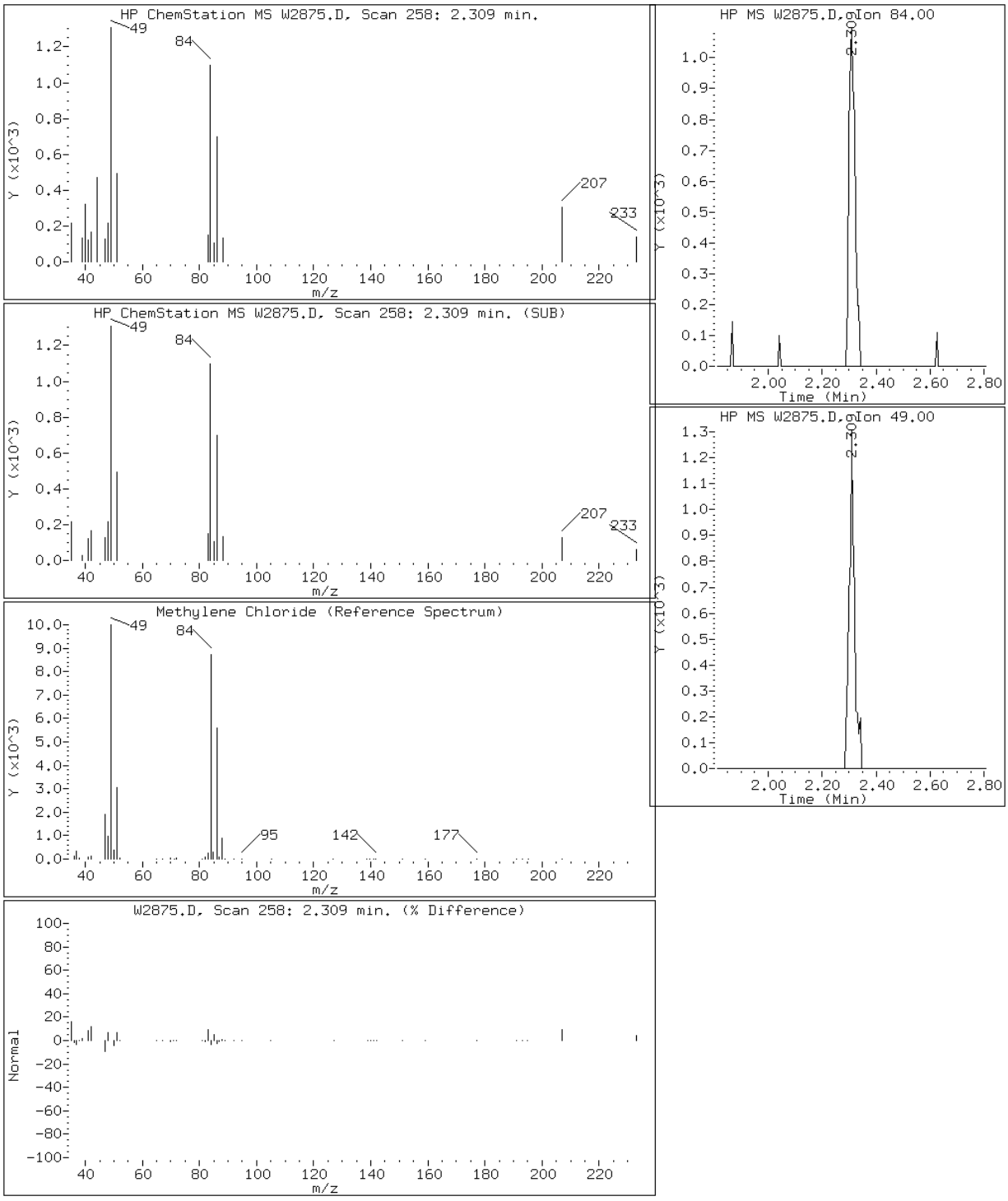
Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: | Lab Sample ID: MB 220-24314/3

Matrix: Water | Lab File ID: W2913.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/12/2009 14:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24314 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.1	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	1.4	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: Lab Sample ID: MB 220-24314/3

Matrix: Water Lab File ID: W2913.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/12/2009 14:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24314 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99	53-125	
460-00-4	4-Bromofluorobenzene	89	73-127	
1868-53-7	Dibromofluoromethane	94	54-137	
2037-26-5	Toluene-d8 (Surr)	75	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W2913.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 12-FEB-2009 14:09 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W8260LOW.m
Meth Date : 12-Feb-2009 12:50 ctvoa Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.973	4.973	(1.000)	225626	25.0000	
	20 Methylene Chloride	84	2.314	2.309	(0.465)	2454	1.39425	1
	21 Acetone	43	2.352	2.352	(0.473)	699	1.14187	1(M)
$	41 Dibromofluoromethane	111	4.080	4.080	(0.820)	83024	23.4945	23
$	55 1,2-Dichloroethane-d4	65	4.647	4.647	(0.934)	106862	24.8694	25
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	214636	25.0000	
$	77 Toluene-d8	98	6.819	6.819	(0.782)	243480	18.7312	19
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	104091	25.0000	
$	125 Bromofluorobenzene	95	10.130	10.130	(0.911)	85161	22.3396	22

QC Flag Legend

M - Compound response manually integrated.

Data File: W2913.D

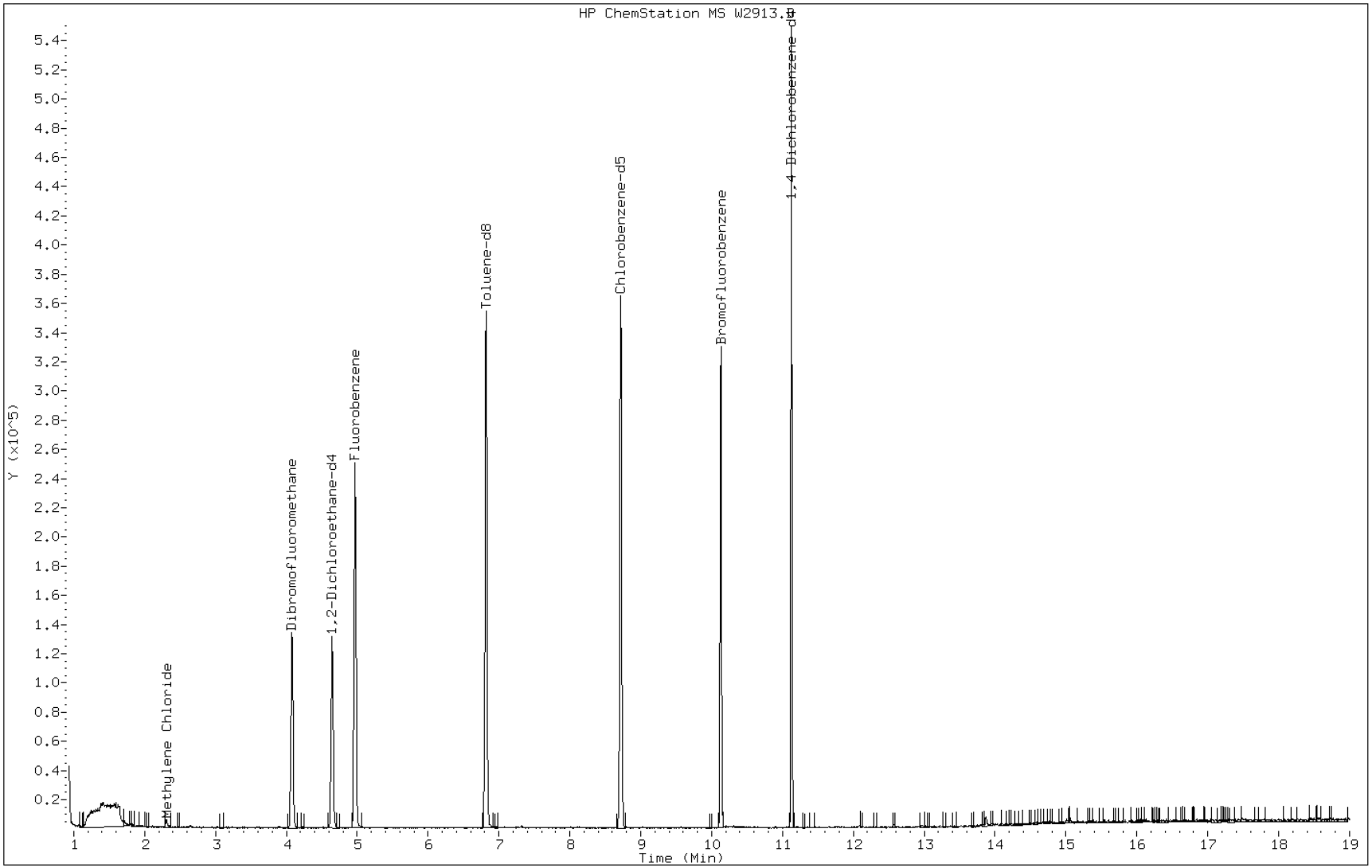
Date: 12-FEB-2009 14:09

Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: W2913.D

Date: 12-FEB-2009 14:09

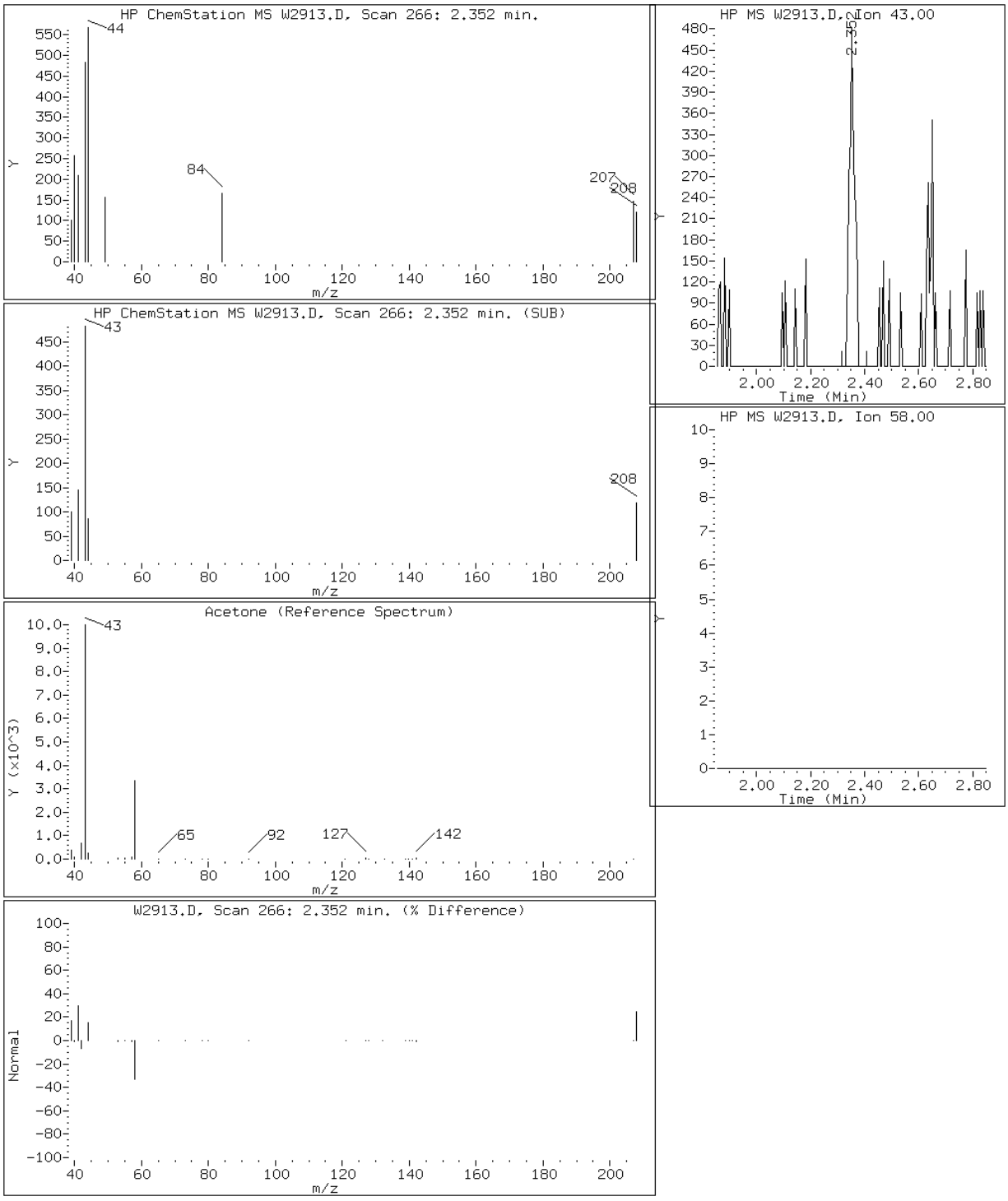
Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

21 Acetone



Data File: W2913.D

Date: 12-FEB-2009 14:09

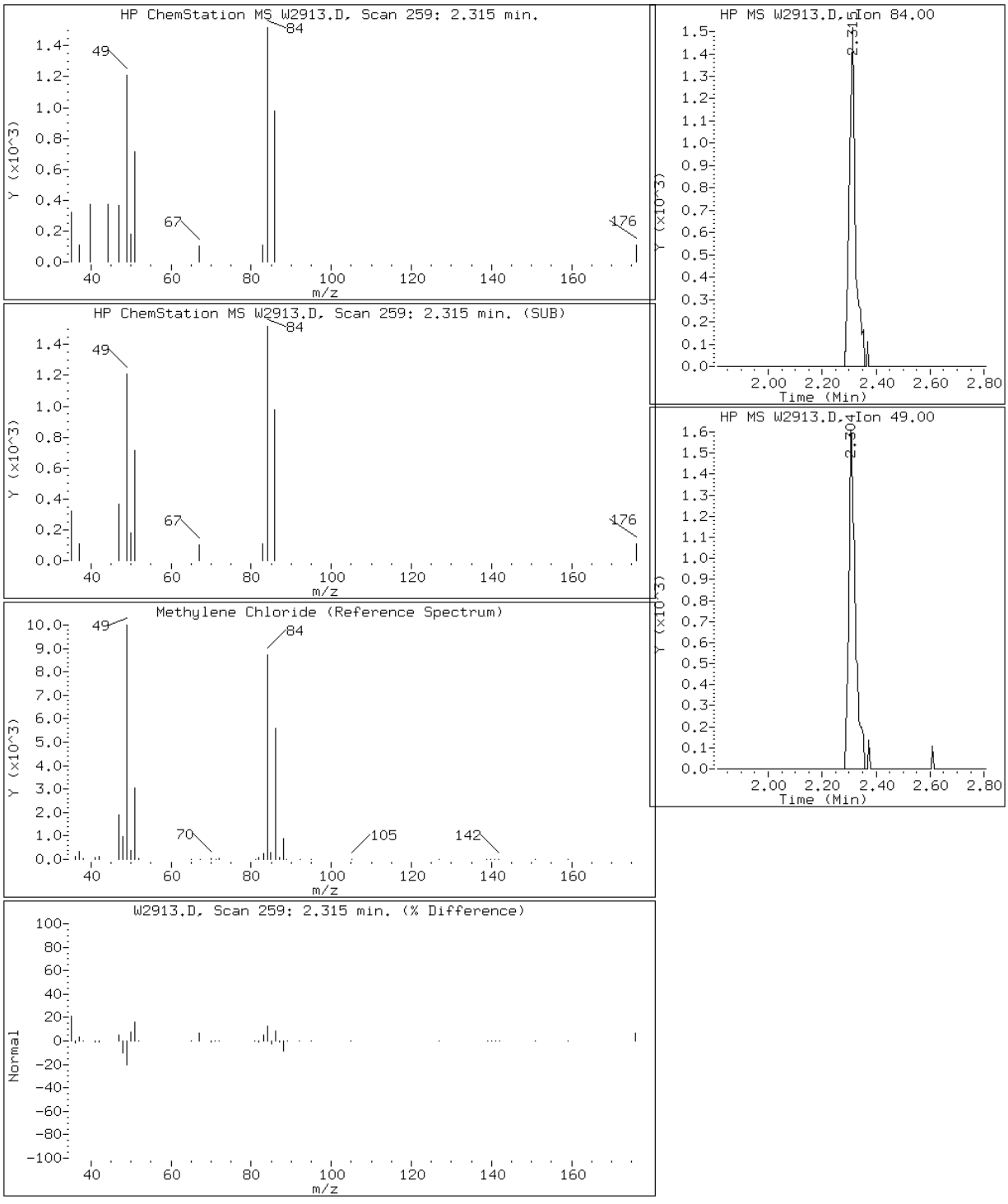
Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



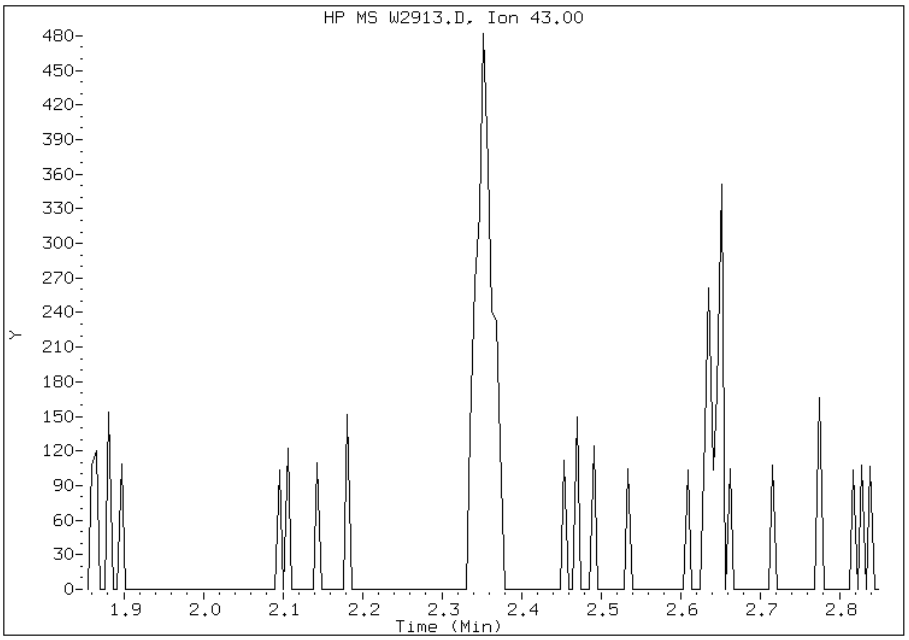
Manual Integration Report

Data File: W2913.D
Inj. Date and Time: 12-FEB-2009 14:09
Instrument ID: msw.i
Client ID: MB
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/13/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



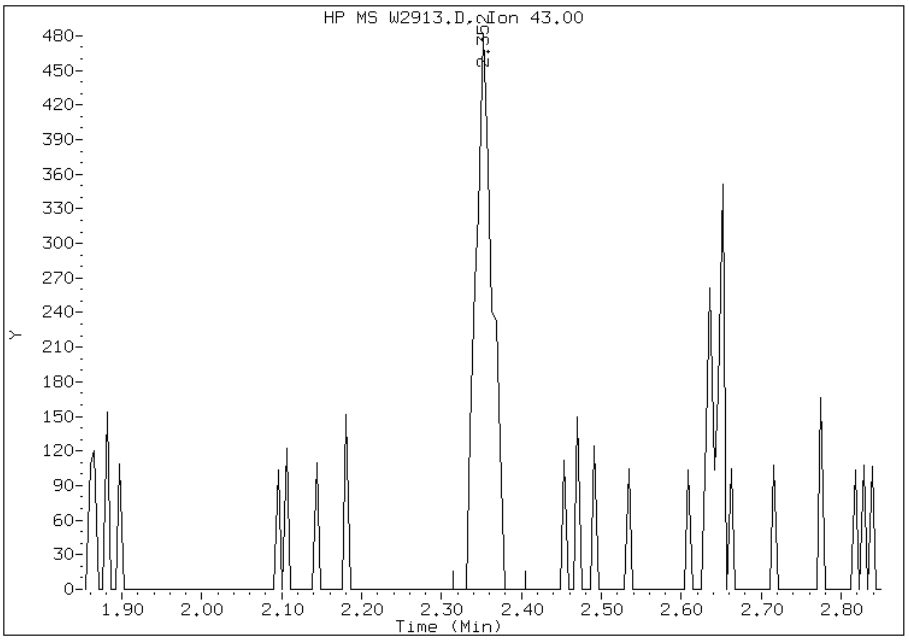
Manual Integration Results

RT: 2.35

Response: 699

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: | Lab Sample ID: LCS 220-24246/2

Matrix: Water | Lab File ID: W2831.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2009 11:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24246 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	17.6		10	1.0
71-43-2	Benzene	9.19		5.0	0.74
75-27-4	Bromodichloromethane	10.2		5.0	0.48
75-25-2	Bromoform	9.29		5.0	0.46
74-83-9	Bromomethane	11.3		5.0	2.1
78-93-3	Methyl Ethyl Ketone	14.0		10	1.1
75-15-0	Carbon disulfide	9.88		5.0	0.90
56-23-5	Carbon tetrachloride	9.98		5.0	1.1
108-90-7	Chlorobenzene	7.99		5.0	0.72
75-00-3	Chloroethane	11.6		5.0	1.1
67-66-3	Chloroform	10.1		5.0	0.67
74-87-3	Chloromethane	8.90		5.0	1.1
124-48-1	Dibromochloromethane	9.32		5.0	0.55
75-34-3	1,1-Dichloroethane	9.66		5.0	1.0
107-06-2	1,2-Dichloroethane	10.7		5.0	0.72
75-35-4	1,1-Dichloroethene	8.83		5.0	0.83
78-87-5	1,2-Dichloropropane	9.35		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.58		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.51		5.0	0.57
100-41-4	Ethylbenzene	8.00		5.0	0.87
591-78-6	2-Hexanone	9.63	J	10	1.1
75-09-2	Methylene Chloride	10.0		5.0	0.78
108-10-1	methyl isobutyl ketone	10.1		10	0.38
100-42-5	Styrene	7.06		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.34		5.0	0.81
127-18-4	Tetrachloroethene	6.96		5.0	0.81
108-88-3	Toluene	8.28		5.0	0.72
71-55-6	1,1,1-Trichloroethane	10.3		5.0	0.69
79-00-5	1,1,2-Trichloroethane	10.1		5.0	0.65
79-01-6	Trichloroethene	8.24		5.0	0.62
75-01-4	Vinyl chloride	9.27		5.0	0.99
1330-20-7	Xylenes, Total	23.5		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	8.40		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	7.68		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: Lab Sample ID: LCS 220-24246/2

Matrix: Water Lab File ID: W2831.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/10/2009 11:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24246 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88	53-125	
460-00-4	4-Bromofluorobenzene	83	73-127	
1868-53-7	Dibromofluoromethane	85	54-137	
2037-26-5	Toluene-d8 (Surr)	78	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W2831.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 10-FEB-2009 11:05 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092829.b\W8260LOW.M
Meth Date : 10-Feb-2009 10:48 barbara Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	350106	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	55073	10.5165	10
3	Chloromethane	50	1.164	1.164	(0.234)	44849	8.89574	9
4	Vinyl Chloride	62	1.175	1.175	(0.237)	51030	9.27170	9
5	Bromomethane	94	1.367	1.373	(0.275)	28235	11.2688	11
6	Chloroethane	64	1.448	1.448	(0.291)	34710	11.6300	12
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	120201	10.9228	11
8	Dichlorofluoromethane	67	1.876	1.576	(0.378)	2384	0.24230	0.2
9	Ethyl Ether	45	1.742	1.742	(0.351)	33213	11.3019	11
10	Ethanol	45	1.795	1.801	(0.361)	24916	122.851	120
11	Freon 141	81	1.795	1.801	(0.361)	112334	11.3068	11
12	Freon 123	67	1.913	1.913	(0.385)	12917	9.84772	10
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	52781	10.0192	10
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	39245	8.82993	9
15	Carbon Disulfide	76	1.886	1.886	(0.380)	141918	9.87687	10
16	Iodomethane	142	1.972	1.972	(0.397)	24987	8.01268	8
17	Acrolein	56	2.544	2.116	(0.512)	11155	25.1784	25(R)
18	2-Propanol	45	2.464	2.255	(0.496)	2210	5.53470	6
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	61488	9.92957	10
20	Methylene Chloride	84	2.309	2.309	(0.465)	50202	10.0198	10
21	Acetone	43	2.346	2.352	(0.472)	32074	17.5769	18(R)
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	41133	7.68479	8
23	Methyl Acetate	43	2.459	2.459	(0.495)	115957	5.59947	6(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	163575	10.6280	11
	25 tert-Butyl alcohol	59	2.641	2.640	(0.532)	31013	59.2538	59(MH)
	26 Acetonitrile	41	2.748	2.747	(0.553)	2623	3.80952	4(MH)
	30 Acrylonitrile	53	3.058	3.058	(0.616)	40993	20.3254	20
	31 1,1-Dichloroethane	63	3.010	3.015	(0.606)	90954	9.66079	10
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	48392	8.39867	8
	34 2,2-Dichloropropane	77	3.684	3.689	(0.742)	81261	10.7685	11
	35 Bromochloromethane	128	3.780	3.780	(0.761)	28537	9.20347	9
	36 1-Bromopropane	43	3.780	3.769	(0.761)	6130	0.91203	0.9
	37 Cyclohexane	84	3.786	3.785	(0.762)	56540	8.73582	9
	38 Chloroform	83	3.882	3.887	(0.781)	101620	10.1099	10
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	44846	10.6100	11
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	116333	21.2156	21
	42 Tetrahydrofuran	42	4.037	4.042	(0.813)	33644	21.3380	21
	43 Carbon Tetrachloride	117	4.010	4.015	(0.807)	79908	9.98229	10
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	93845	10.3446	10
	45 2-Butanone	43	4.219	4.224	(0.849)	32432	14.0028	14(R)
	46 1,1-Dichloropropene	75	4.224	4.229	(0.850)	57625	8.70527	9
	48 tert-Butyl formate	57	5.144	4.850	(1.036)	1943	2.20000	2
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	93912	9.74749	10
	50 Heptane	43	4.288	4.513	(0.863)	20100	6.76772	7
	51 Propionitrile	54	4.524	4.524	(0.911)	86104	108.336	110
	52 Benzene	78	4.492	4.491	(0.904)	190135	9.18816	9
	53 2-Methyl-2-Propenenitrile	41	4.551	4.518	(0.916)	33843	10.6970	11(M)
	54 Isobutyl alcohol	42	4.551	4.668	(0.916)	1251	12.1333	12
$	55 1,2-Dichloroethane-d4	65	4.642	4.641	(0.934)	147362	22.1013	22
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	87028	10.7066	11
	59 Methyl Cyclohexane	83	5.139	5.144	(1.034)	52331	8.53695	8
	60 Trichloroethene	130	5.160	5.160	(1.039)	51112	8.23551	8
	61 Isopropyl Acetate	43	5.144	5.139	(1.036)	2436	16.7020	17
	62 n-Butanol	56	5.647	5.652	(1.137)	1616	22.1948	22
	63 Dibromomethane	93	5.621	5.620	(1.131)	32285	8.82941	9
	64 1,2-Dichloropropane	63	5.738	5.743	(1.155)	46013	9.34978	9
	65 Bromodichloromethane	83	5.840	5.845	(1.176)	73814	10.2194	10
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	66387	15.3629	15
	67 1,4-Dioxane	58	6.091	6.086	(1.226)	2146	74.6579	75
	68 n-Propyl Acetate	43	6.819	6.567	(1.373)	1396	7.20497	7
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	64932	8.57669	8
	71 Chloroacetonitrile	48	7.076	7.075	(1.424)	38094	216.770	220
	72 2-Nitropropane	41	7.151	7.145	(1.439)	34343	24.1038	24
	73 trans-1,3-Dichloropropene	75	7.402	7.407	(1.490)	72891	9.50997	10
	74 1,1,2-Trichloroethane	97	7.584	7.589	(1.527)	48259	10.0561	10
*	75 Chlorobenzene-d5	117	8.713	8.718	(1.000)	321547	25.0000	
	76 Toluene	91	6.872	6.877	(0.789)	196011	8.28435	8
$	77 Toluene-d8	98	6.813	6.819	(0.782)	378509	19.4373	19
	78 1,1-Dichloro-2-propanone	43	7.161	7.166	(0.822)	136270	55.0037	55
	79 4-Methyl-2-Pentanone	43	7.375	7.380	(0.847)	39506	10.0678	10
	80 Tetrachloroethene	164	7.327	7.327	(0.841)	35318	6.95655	7(R)
	81 Ethyl Methacrylate	69	7.675	7.675	(0.881)	44700	12.1305	12
	82 Dibromochloromethane	129	7.782	7.787	(0.893)	58554	9.32141	9
	83 1,3-Dichloropropane	76	7.905	7.905	(0.907)	81909	9.30451	9
	84 1,2-Dibromoethane	107	8.033	8.033	(0.922)	44057	8.59061	8
	85 n-Butyl Acetate	56	8.723	8.375	(1.001)	2794	1.80053	2
	86 2-Hexanone	43	8.440	8.434	(0.969)	25923	9.63230	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
87	1-Chlorohexane	91	8.798	8.814	(1.010)	63271	11.1601	11(RM)
88	Chlorobenzene	112	8.734	8.734	(1.002)	130583	7.99227	8
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.015)	56282	9.37220	9
90	Ethylbenzene	106	8.814	8.819	(1.012)	64009	7.99662	8
91	Xylene (total)mp	106	9.018	9.017	(1.035)	150737	15.8910	16
92	Xylene (total)o	106	9.520	9.520	(1.093)	61908	7.60605	8
93	Styrene	104	9.579	9.584	(1.099)	92785	7.06187	7
94	Bromoform	173	9.569	9.568	(1.098)	37589	9.29499	9
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	192329	25.0000	
96	Isopropylbenzene	105	9.879	9.879	(0.888)	147701	7.43436	7
97	Bromobenzene	156	10.205	10.205	(0.917)	55800	7.88763	8
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	61864	9.33615	9
100	1,2,3-Trichloropropane	110	10.457	10.456	(0.940)	22757	9.20854	9
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	41097	22.3086	22
102	n-Propylbenzene	91	10.285	10.285	(0.925)	177229	7.64058	8
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	127313	6.85579	7(R)
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	143036	8.15627	8
105	1,3,5-Trimethylbenzene	105	10.483	10.489	(0.942)	135644	7.38810	7
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	108115	7.69904	8
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	140048	7.68127	8
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	152388	7.82762	8
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	120798	7.35518	7
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	95966	7.71217	8
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	99953	7.53830	8
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	98867	7.92783	8
113	Benzyl Chloride	126	11.350	11.350	(1.020)	20957	8.36319	8
114	1,4-Diethylbenzene	119	11.345	11.344	(1.020)	1387	2.32825	2
115	n-Butylbenzene	91	11.382	11.382	(1.023)	97967	6.84935	7(R)
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	2352	3.36811	3
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	12832	9.89430	10
120	Nitrobenzene	77	12.484	12.489	(1.122)	21376	85.9921	86
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	45201	7.70374	8
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	31384	8.80237	9
123	Naphthalene	128	12.805	12.805	(1.151)	89291	6.80123	7(R)
124	1,2,3-Trichlorobenzene	180	12.934	12.933	(1.163)	48768	8.15272	8
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	145474	20.6532	21
M 126	1,2-Dichloroethene (total)	100				89525	16.0835	16
M 127	Xylene (total)	100				212645	23.4971	23

QC Flag Legend

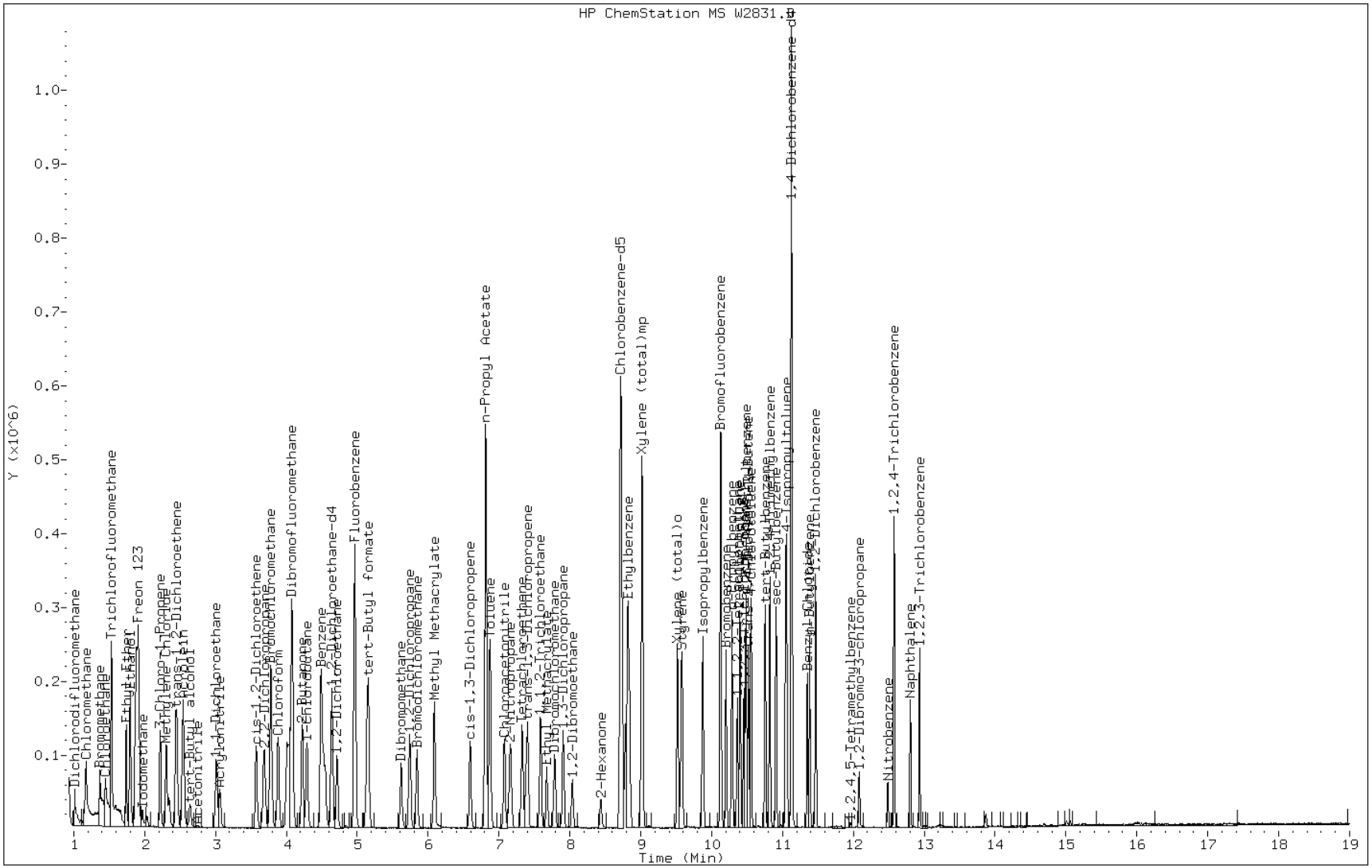
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W2831.D

Date: 10-FEB-2009 11:05

Client ID: LCS Instrument: msw.i

Sample Info: LCS Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: | Lab Sample ID: LCS 220-24290/2

Matrix: Water | Lab File ID: W2873.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2009 17:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24290 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	11.4		10	1.0
71-43-2	Benzene	7.81		5.0	0.74
75-27-4	Bromodichloromethane	9.07		5.0	0.48
75-25-2	Bromoform	8.97		5.0	0.46
74-83-9	Bromomethane	9.97		5.0	2.1
78-93-3	Methyl Ethyl Ketone	9.56	J	10	1.1
75-15-0	Carbon disulfide	7.60		5.0	0.90
56-23-5	Carbon tetrachloride	8.36		5.0	1.1
108-90-7	Chlorobenzene	7.06		5.0	0.72
75-00-3	Chloroethane	9.78		5.0	1.1
67-66-3	Chloroform	8.83		5.0	0.67
74-87-3	Chloromethane	7.33		5.0	1.1
124-48-1	Dibromochloromethane	8.62		5.0	0.55
75-34-3	1,1-Dichloroethane	7.86		5.0	1.0
107-06-2	1,2-Dichloroethane	9.57		5.0	0.72
75-35-4	1,1-Dichloroethene	7.17		5.0	0.83
78-87-5	1,2-Dichloropropane	8.01		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	7.94		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	8.92		5.0	0.57
100-41-4	Ethylbenzene	6.93		5.0	0.87
591-78-6	2-Hexanone	8.04	J	10	1.1
75-09-2	Methylene Chloride	8.70		5.0	0.78
108-10-1	methyl isobutyl ketone	9.12	J	10	0.38
100-42-5	Styrene	6.57		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	8.35		5.0	0.81
127-18-4	Tetrachloroethene	6.00		5.0	0.81
108-88-3	Toluene	7.02		5.0	0.72
71-55-6	1,1,1-Trichloroethane	8.77		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.31		5.0	0.65
79-01-6	Trichloroethene	7.02		5.0	0.62
75-01-4	Vinyl chloride	7.75		5.0	0.99
1330-20-7	Xylenes, Total	20.8		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	7.38		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	6.45		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: Lab Sample ID: LCS 220-24290/2

Matrix: Water Lab File ID: W2873.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/11/2009 17:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24290 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82	53-125	
460-00-4	4-Bromofluorobenzene	85	73-127	
1868-53-7	Dibromofluoromethane	80	54-137	
2037-26-5	Toluene-d8 (Surr)	76	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W2873.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 11-FEB-2009 17:40 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092867.b\W8260LOW.m
Meth Date : 12-Feb-2009 10:49 dawn Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	339610	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	45213	8.98917	9
3	Chloromethane	50	1.159	1.159	(0.233)	35827	7.32586	7
4	Vinyl Chloride	62	1.175	1.175	(0.237)	41391	7.75281	8
5	Bromomethane	94	1.367	1.373	(0.275)	24241	9.97377	10
6	Chloroethane	64	1.448	1.448	(0.291)	29288	9.78399	10
7	Trichlorofluoromethane	101	1.533	1.538	(0.309)	97400	9.12438	9
9	Ethyl Ether	45	1.742	1.742	(0.351)	26716	9.37205	9
11	Freon 141	81	1.801	1.801	(0.363)	89910	9.32945	9
12	Freon 123	67	1.913	1.918	(0.385)	10003	7.86183	8
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	40951	8.01380	8
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	30916	7.17093	7
15	Carbon Disulfide	76	1.886	1.892	(0.380)	105976	7.60341	8
16	Iodomethane	142	1.972	1.972	(0.397)	22633	7.72281	8
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	48044	7.99831	8
20	Methylene Chloride	84	2.309	2.309	(0.465)	41816	8.70094	9
21	Acetone	43	2.346	2.352	(0.472)	19790	11.3865	11
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	33496	6.45140	6
23	Methyl Acetate	43	2.459	2.459	(0.495)	94398	4.69929	5
24	Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	155790	10.4621	10
25	tert-Butyl alcohol	59	2.640	2.646	(0.532)	29133	57.6260	58
30	Acrylonitrile	53	3.063	3.063	(0.617)	33086	16.9119	17

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	31 1,1-Dichloroethane	63	3.010	3.015	(0.606)	71738	7.85523	8
	33 cis-1,2-Dichloroethene	96	3.577	3.582	(0.720)	41221	7.37521	7
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	58668	8.01481	8
	35 Bromochloromethane	128	3.780	3.780	(0.761)	24866	8.26739	8
	37 Cyclohexane	84	3.785	3.785	(0.762)	45712	7.50848	8
	38 Chloroform	83	3.887	3.887	(0.782)	86096	8.83021	9
	39 Ethyl Acetate	43	4.037	4.042	(0.813)	7367	13.5645	14(M)
	40 Methyl Acrylate	55	4.042	4.047	(0.814)	38282	9.58869	10
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	105907	19.9111	20
	42 Tetrahydrofuran	42	4.042	4.042	(0.814)	28920	18.9088	19
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	64921	8.36073	8
	44 1,1,1-Trichloroethane	97	4.085	4.090	(0.822)	77213	8.77427	9
	45 2-Butanone	43	4.224	4.224	(0.850)	21487	9.56393	10
	46 1,1-Dichloropropene	75	4.229	4.229	(0.851)	46550	7.48933	7
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	74741	7.99742	8
	51 Propionitrile	54	4.524	4.524	(0.911)	70635	91.6196	92
	52 Benzene	78	4.491	4.492	(0.904)	156791	7.81100	8
	53 2-Methyl-2-Propenenitrile	41	4.556	4.550	(0.917)	28061	9.14359	9(M)
$	55 1,2-Dichloroethane-d4	65	4.641	4.647	(0.934)	131902	20.3940	20
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	75473	9.57197	10
	59 Methyl Cyclohexane	83	5.139	5.139	(1.034)	43835	7.60121	8
	60 Trichloroethene	130	5.160	5.160	(1.039)	42236	7.01567	7
	63 Dibromomethane	93	5.620	5.620	(1.131)	29129	8.21250	8
	64 1,2-Dichloropropane	63	5.743	5.743	(1.156)	38215	8.00523	8
	65 Bromodichloromethane	83	5.840	5.845	(1.176)	63526	9.06687	9
	66 Methyl Methacrylate	69	6.086	6.091	(1.225)	62854	15.0623	15
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	57054	7.93550	8
	71 Chloroacetonitrile	48	7.075	7.075	(1.424)	31628	188.091	190
	72 2-Nitropropane	41	7.145	7.150	(1.438)	31371	22.9419	23
	73 trans-1,3-Dichloropropene	75	7.407	7.407	(1.491)	65328	8.91639	9
	74 1,1,2-Trichloroethane	97	7.584	7.589	(1.527)	43346	9.31152	9
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	312586	25.0000	
	76 Toluene	91	6.877	6.877	(0.789)	161429	7.01834	7
$	77 Toluene-d8	98	6.813	6.813	(0.782)	357616	18.8909	19
	78 1,1-Dichloro-2-propanone	43	7.166	7.166	(0.822)	113502	48.5106	48
	79 4-Methyl-2-Pentanone	43	7.380	7.380	(0.847)	33550	9.11514	9
	80 Tetrachloroethene	164	7.327	7.332	(0.840)	29623	6.00208	6(R)
	81 Ethyl Methacrylate	69	7.675	7.675	(0.880)	40078	11.3098	11
	82 Dibromochloromethane	129	7.787	7.787	(0.893)	52663	8.62394	9
	83 1,3-Dichloropropane	76	7.905	7.910	(0.907)	70740	8.26612	8
	84 1,2-Dibromoethane	107	8.038	8.033	(0.922)	40162	8.13472	8
	86 2-Hexanone	43	8.440	8.440	(0.968)	19317	8.04077	8
	87 1-Chlorohexane	91	8.793	8.798	(1.009)	36126	7.13415	7(M)
	88 Chlorobenzene	112	8.734	8.734	(1.002)	112080	7.05645	7(R)
	89 1,1,1,2-Tetrachloroethane	131	8.841	8.846	(1.014)	49007	8.39470	8
	90 Ethylbenzene	106	8.819	8.819	(1.012)	52697	6.92998	7(R)
	91 Xylene (total)mp	106	9.017	9.017	(1.034)	123238	13.7368	14
	92 Xylene (total)o	106	9.520	9.520	(1.092)	54422	7.04993	7
	93 Styrene	104	9.584	9.584	(1.099)	81594	6.56731	6(R)
	94 Bromoform	173	9.568	9.568	(1.098)	34953	8.96673	9
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	184665	25.0000	
	96 Isopropylbenzene	105	9.879	9.879	(0.888)	128864	6.89546	7
	97 Bromobenzene	156	10.205	10.205	(0.917)	50831	7.48344	7
	98 1,1,2,2-Tetrachloroethane	83	10.365	10.365	(0.932)	53121	8.34942	8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	20550	8.66060	9
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.521	(0.945)	33923	19.6178	20
102	n-Propylbenzene	91	10.285	10.285	(0.925)	149273	6.87641	7
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	109506	6.23536	6
104	4-Chlorotoluene	91	10.553	10.558	(0.949)	120980	7.29337	7
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	116968	6.74564	7
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	97148	7.31190	7
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	120881	7.04343	7
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	126537	6.96047	7
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	104969	6.82443	7
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	83643	7.00082	7
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	88420	6.94526	7(R)
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	88162	7.36283	7
113	Benzyl Chloride	126	11.350	11.350	(1.020)	17120	7.43997	7
115	n-Butylbenzene	91	11.382	11.382	(1.023)	81085	6.10089	6
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	11431	9.33987	9
120	Nitrobenzene	77	12.489	12.489	(1.123)	19651	83.4250	83
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	42520	7.60732	8
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	27242	8.10563	8
123	Naphthalene	128	12.805	12.805	(1.151)	89109	6.99590	7
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	47340	8.21257	8
$ 125	Bromofluorobenzene	95	10.125	10.130	(0.910)	143273	21.1849	21
M 126	1,2-Dichloroethene (total)	100				74717	13.8266	14
M 127	Xylene (total)	100				177660	20.7867	21

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: W2873.D

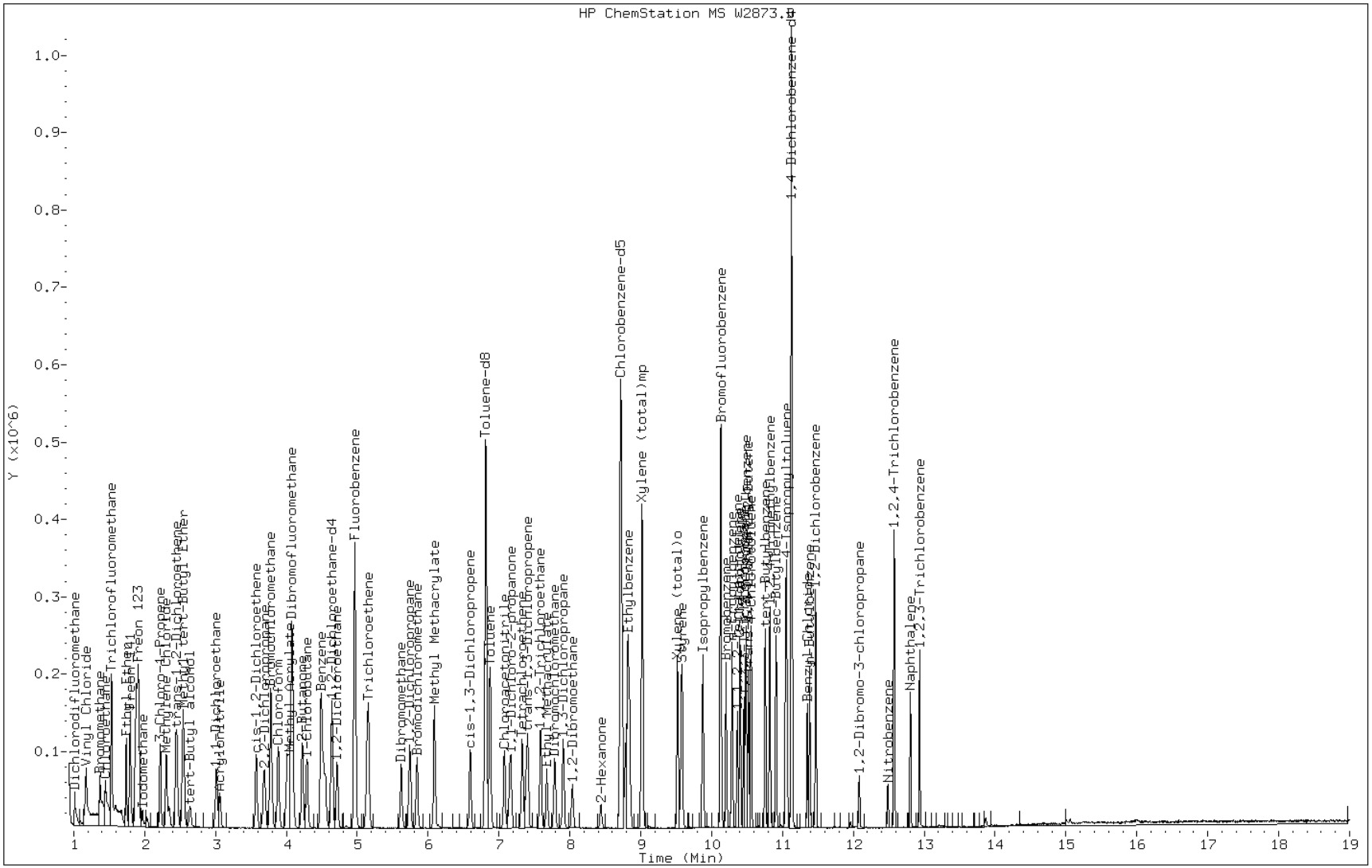
Date: 11-FEB-2009 17:40

Client ID: LCS

Instrument: msw.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: | Lab Sample ID: LCS 220-24314/2

Matrix: Water | Lab File ID: W2911.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/12/2009 13:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24314 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	23.7		10	1.0
71-43-2	Benzene	7.86		5.0	0.74
75-27-4	Bromodichloromethane	9.75		5.0	0.48
75-25-2	Bromoform	9.37		5.0	0.46
74-83-9	Bromomethane	10.7		5.0	2.1
78-93-3	Methyl Ethyl Ketone	16.4		10	1.1
75-15-0	Carbon disulfide	8.57		5.0	0.90
56-23-5	Carbon tetrachloride	9.45		5.0	1.1
108-90-7	Chlorobenzene	7.15		5.0	0.72
75-00-3	Chloroethane	10.8		5.0	1.1
67-66-3	Chloroform	9.37		5.0	0.67
74-87-3	Chloromethane	8.25		5.0	1.1
124-48-1	Dibromochloromethane	8.72		5.0	0.55
75-34-3	1,1-Dichloroethane	8.42		5.0	1.0
107-06-2	1,2-Dichloroethane	10.5		5.0	0.72
75-35-4	1,1-Dichloroethene	7.79		5.0	0.83
78-87-5	1,2-Dichloropropane	7.94		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.17		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.38		5.0	0.57
100-41-4	Ethylbenzene	7.16		5.0	0.87
591-78-6	2-Hexanone	11.0		10	1.1
75-09-2	Methylene Chloride	9.36		5.0	0.78
108-10-1	methyl isobutyl ketone	9.64	J	10	0.38
100-42-5	Styrene	6.52		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	8.63		5.0	0.81
127-18-4	Tetrachloroethene	6.20		5.0	0.81
108-88-3	Toluene	7.02		5.0	0.72
71-55-6	1,1,1-Trichloroethane	9.66		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.66		5.0	0.65
79-01-6	Trichloroethene	7.51		5.0	0.62
75-01-4	Vinyl chloride	8.72		5.0	0.99
1330-20-7	Xylenes, Total	20.5		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	7.40		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	6.70		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Client Sample ID: Lab Sample ID: LCS 220-24314/2

Matrix: Water Lab File ID: W2911.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/12/2009 13:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24314 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89	53-125	
460-00-4	4-Bromofluorobenzene	81	73-127	
1868-53-7	Dibromofluoromethane	82	54-137	
2037-26-5	Toluene-d8 (Surr)	72	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W2911.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 12-FEB-2009 13:10 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092908.b\W8260LOW.m
Meth Date : 12-Feb-2009 12:50 ctvoa Quant Type: ISTD
Cal Date : 05-FEB-2009 23:16 Cal File: W2744.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.968	4.973	(1.000)	284664	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	52755	12.2870	12
3	Chloromethane	50	1.164	1.164	(0.234)	33816	8.24933	8
4	Vinyl Chloride	62	1.175	1.175	(0.237)	39018	8.71898	9
5	Bromomethane	94	1.373	1.373	(0.276)	21816	10.7086	11
6	Chloroethane	64	1.448	1.448	(0.291)	26570	10.7996	11
7	Trichlorofluoromethane	101	1.539	1.538	(0.310)	93481	10.4476	10
9	Ethyl Ether	45	1.742	1.742	(0.351)	23982	10.0368	10
11	Freon 141	81	1.801	1.801	(0.363)	84344	10.4412	10
12	Freon 123	67	1.918	1.918	(0.386)	8891	8.33665	8
13	Trichlorotrifluoroethane	101	1.908	1.908	(0.384)	38982	9.10093	9
14	1,1-Dichloroethene	96	1.876	1.875	(0.378)	28158	7.79187	8
15	Carbon Disulfide	76	1.886	1.892	(0.380)	100138	8.57132	8
16	Iodomethane	142	1.972	1.972	(0.397)	19985	7.94127	8
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	42684	8.47759	8
20	Methylene Chloride	84	2.309	2.309	(0.465)	37916	9.35616	9
21	Acetone	43	2.346	2.352	(0.472)	35520	23.7351	24
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	29178	6.70447	7
23	Methyl Acetate	43	2.459	2.464	(0.495)	86147	5.11631	5
24	Methyl tert-Butyl Ether	73	2.544	2.550	(0.512)	130034	10.4243	10
25	tert-Butyl alcohol	59	2.641	2.646	(0.532)	25445	59.7218	60
30	Acrylonitrile	53	3.063	3.063	(0.617)	30668	18.7017	19

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	31 1,1-Dichloroethane	63	3.015	3.020	(0.607)	64431	8.41691	8
	33 cis-1,2-Dichloroethene	96	3.582	3.582	(0.721)	34681	7.40279	7
	34 2,2-Dichloropropane	77	3.695	3.694	(0.744)	63890	10.4129	10
	35 Bromochloromethane	128	3.780	3.785	(0.761)	21856	8.66924	9
	37 Cyclohexane	84	3.780	3.785	(0.761)	38919	7.60512	8
	38 Chloroform	83	3.887	3.887	(0.782)	76610	9.37392	9
	39 Ethyl Acetate	43	4.037	4.042	(0.813)	6383	14.0213	14(M)
	40 Methyl Acrylate	55	4.042	4.047	(0.814)	33548	9.92944	10
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	91294	20.4768	20
	42 Tetrahydrofuran	42	4.037	4.042	(0.813)	25894	20.1982	20
	43 Carbon Tetrachloride	117	4.010	4.015	(0.807)	61485	9.44661	9
	44 1,1,1-Trichloroethane	97	4.085	4.090	(0.822)	71254	9.66001	10
	45 2-Butanone	43	4.224	4.224	(0.850)	30810	16.3606	16
	46 1,1-Dichloropropene	75	4.224	4.229	(0.850)	41453	7.86712	8
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	66654	8.50874	8
	51 Propionitrile	54	4.524	4.524	(0.911)	66026	102.172	100
	52 Benzene	78	4.492	4.497	(0.904)	132237	7.85934	8
	53 2-Methyl-2-Propenenitrile	41	4.551	4.556	(0.916)	25990	10.1034	10(M)
$	55 1,2-Dichloroethane-d4	65	4.641	4.647	(0.934)	120266	22.1841	22
	56 1,2-Dichloroethane	62	4.716	4.722	(0.949)	69179	10.4672	10
	59 Methyl Cyclohexane	83	5.144	5.144	(1.036)	38317	7.85489	8
	60 Trichloroethene	130	5.166	5.166	(1.040)	37914	7.51336	8
	63 Dibromomethane	93	5.620	5.626	(1.131)	25753	8.66215	9
	64 1,2-Dichloropropane	63	5.744	5.743	(1.156)	31762	7.93772	8
	65 Bromodichloromethane	83	5.840	5.850	(1.176)	57279	9.75324	10
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	51587	14.8071	15
	70 cis-1,3-Dichloropropene	75	6.594	6.599	(1.327)	49612	8.16621	8
	71 Chloroacetonitrile	48	7.081	7.081	(1.425)	28010	197.725	200
	72 2-Nitropropane	41	7.150	7.150	(1.439)	29654	25.3387	25
	73 trans-1,3-Dichloropropene	75	7.402	7.407	(1.490)	58283	9.38050	9
	74 1,1,2-Trichloroethane	97	7.589	7.589	(1.528)	37694	9.66032	10
*	75 Chlorobenzene-d5	117	8.718	8.718	(1.000)	271153	25.0000	
	76 Toluene	91	6.878	6.877	(0.789)	140040	7.01876	7
$	77 Toluene-d8	98	6.813	6.819	(0.782)	294917	17.9593	18
	78 1,1-Dichloro-2-propanone	43	7.167	7.166	(0.822)	107859	52.2202	52
	79 4-Methyl-2-Pentanone	43	7.381	7.380	(0.847)	31406	9.63611	10
	80 Tetrachloroethene	164	7.327	7.332	(0.840)	26553	6.20214	6
	81 Ethyl Methacrylate	69	7.675	7.675	(0.880)	34220	11.1565	11
	82 Dibromochloromethane	129	7.787	7.787	(0.893)	46165	8.71501	9
	83 1,3-Dichloropropane	76	7.910	7.910	(0.907)	61700	8.31146	8
	84 1,2-Dibromoethane	107	8.033	8.038	(0.921)	34004	7.97027	8
	86 2-Hexanone	43	8.440	8.440	(0.968)	26167	10.9753	11
	87 1-Chlorohexane	91	8.793	8.793	(1.009)	31207	7.11028	7(M)
	88 Chlorobenzene	112	8.734	8.739	(1.002)	98510	7.14980	7
	89 1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.014)	44036	8.69581	9
	90 Ethylbenzene	106	8.814	8.819	(1.011)	47496	7.16020	7
	91 Xylene (total)mp	106	9.018	9.017	(1.034)	107711	13.8229	14
	92 Xylene (total)o	106	9.520	9.520	(1.092)	44305	6.72682	7(R)
	93 Styrene	104	9.585	9.584	(1.099)	70107	6.52280	6(R)
	94 Bromoform	173	9.569	9.568	(1.098)	32021	9.37196	9
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	163452	25.0000	
	96 Isopropylbenzene	105	9.879	9.879	(0.888)	107724	6.59756	6
	97 Bromobenzene	156	10.205	10.205	(0.917)	42916	7.13816	7
	98 1,1,2,2-Tetrachloroethane	83	10.360	10.365	(0.931)	48571	8.62504	9(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
100	1,2,3-Trichloropropane	110	10.457	10.456	(0.940)	18973	9.03372	9
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.521	(0.945)	32888	21.1892	21
102	n-Propylbenzene	91	10.285	10.291	(0.925)	127143	6.67052	7
103	2-Chlorotoluene	91	10.398	10.403	(0.935)	94180	6.08416	6
104	4-Chlorotoluene	91	10.553	10.558	(0.949)	108413	7.37266	7
105	1,3,5-Trimethylbenzene	105	10.489	10.489	(0.943)	103530	6.74555	7
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	80042	6.92132	7
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	102864	6.82432	7
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	108477	6.78590	7
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	89365	6.63141	7
110	1,3-Dichlorobenzene	146	11.061	11.061	(0.994)	75739	7.16198	7
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	78861	6.99833	7(R)
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	76189	7.18869	7
113	Benzyl Chloride	126	11.350	11.350	(1.020)	19407	8.91793	9
115	n-Butylbenzene	91	11.382	11.382	(1.023)	73050	6.18425	6
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	10160	9.36952	9
120	Nitrobenzene	77	12.489	12.489	(1.123)	18596	87.4171	87
121	1,2,4-Trichlorobenzene	180	12.580	12.580	(1.131)	37432	7.58212	8
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	25733	8.54677	8
123	Naphthalene	128	12.805	12.805	(1.151)	73882	6.67068	7
124	1,2,3-Trichlorobenzene	180	12.934	12.933	(1.163)	41676	8.18292	8
$ 125	Bromofluorobenzene	95	10.130	10.130	(0.911)	121763	20.3410	20
M 126	1,2-Dichloroethene (total)	100				63859	14.1073	14
M 127	Xylene (total)	100				152016	20.5497	20

QC Flag Legend

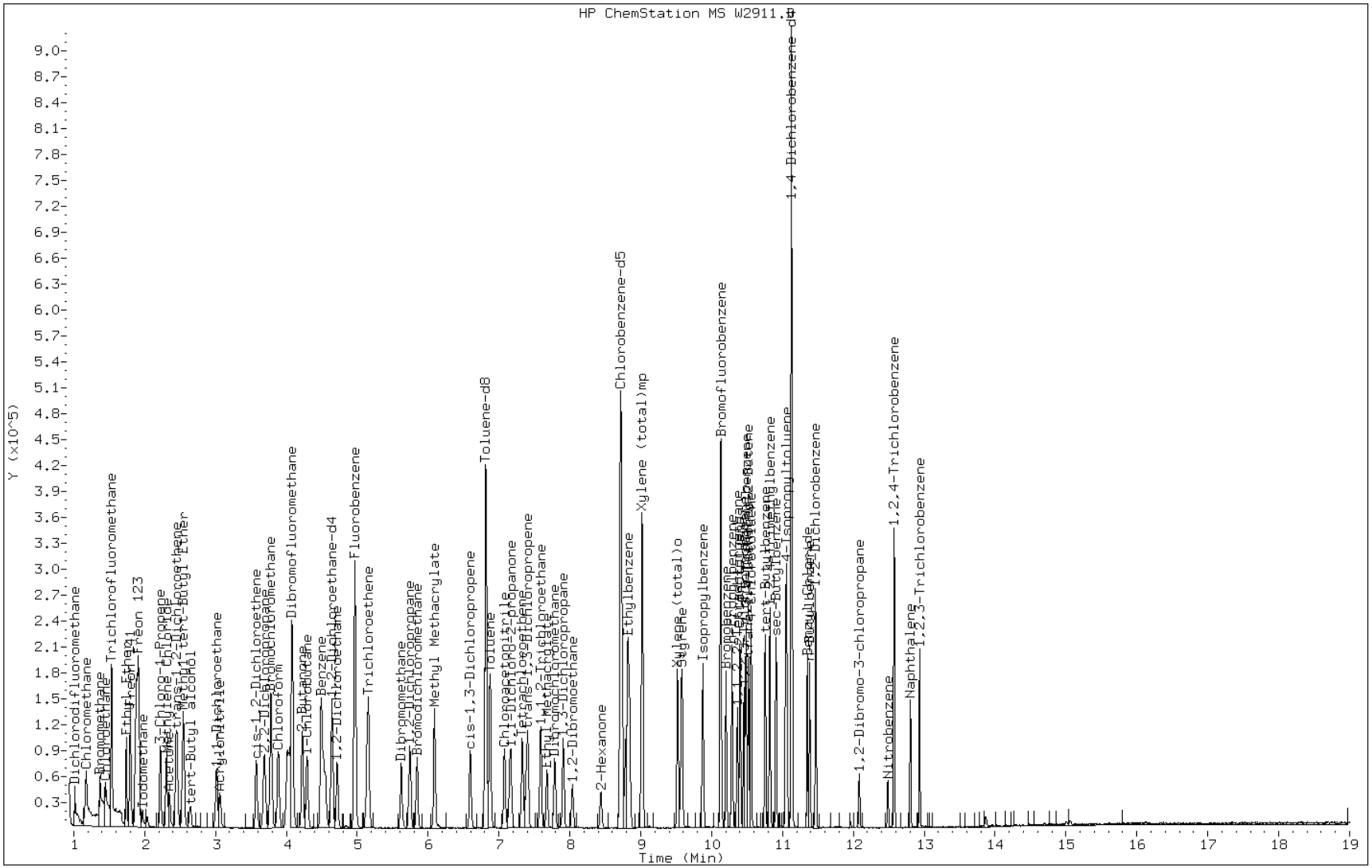
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W2911.D

Date: 12-FEB-2009 13:10

Client ID: LCS Instrument: msw.i

Sample Info: LCS Operator: B.KOSTRZEWSKA



METALS

COVER PAGE
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG No.: 220-7945-1

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
MW-24	220-7945-1
MW-26S	220-7945-2
MW-30S	220-7945-3
MW-31S	220-7945-4
MW-33S	220-7945-5
MW-34S	220-7945-6
MW-35S	220-7945-7
OW-4	220-7945-8

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-24 Lab Sample ID: 220-7945-1

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG ID.: 220-7945-1

Matrix: Water Date Sampled: 02/02/2009 09:58

Reporting Basis: WET Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	15	15	2.3	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-24 Lab Sample ID: 220-7945-1

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG ID.: 220-7945-1

Matrix: Water Date Sampled: 02/02/2009 09:58

Reporting Basis: WET Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	15	15	2.3	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-26S
Lab Sample ID: 220-7945-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 11:15
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	33	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-26S
Lab Sample ID: 220-7945-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 11:15
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	2.8	15	2.3	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-30S
Lab Sample ID: 220-7945-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 12:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	880	250	62	ug/L			1	6010B
7439-96-5	Manganese	13	15	2.3	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-30S
Lab Sample ID: 220-7945-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 12:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	6.9	15	2.3	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-31S
Lab Sample ID: 220-7945-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 13:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	400	250	62	ug/L			1	6010B
7439-96-5	Manganese	1700	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-31S
Lab Sample ID: 220-7945-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 13:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	1400	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-33S
Lab Sample ID: 220-7945-5
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 11:50
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	100	250	62	ug/L	J		1	6010B
7439-96-5	Manganese	230	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-33S
Lab Sample ID: 220-7945-5
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 11:50
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	5.5	15	2.3	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-34S
Lab Sample ID: 220-7945-6
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 09:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	17800	250	62	ug/L			1	6010B
7439-96-5	Manganese	100	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-34S
Lab Sample ID: 220-7945-6
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 09:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	15	15	2.3	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-35S
Lab Sample ID: 220-7945-7
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 09:00
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1300	250	62	ug/L			1	6010B
7439-96-5	Manganese	84	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-35S
Lab Sample ID: 220-7945-7
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 09:00
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	260	250	62	ug/L			1	6010B
7439-96-5	Manganese	38	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-4 Lab Sample ID: 220-7945-8

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG ID.: 220-7945-1

Matrix: Water Date Sampled: 02/02/2009 10:40

Reporting Basis: WET Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	2000	250	62	ug/L			1	6010B
7439-96-5	Manganese	2900	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-4 Lab Sample ID: 220-7945-8

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG ID.: 220-7945-1

Matrix: Water Date Sampled: 02/02/2009 10:40

Reporting Basis: WET Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	3300	15	2.3	ug/L			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020609

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00042

Analyte	ICV 220-24143/3 02/06/2009 11:13											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10100		10000	101								
Mn	1000		1000	102								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020609

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV3 220-24143/32 02/06/2009 14:02				CCV4 220-24143/44 02/06/2009 15:11				CCV5 220-24143/56 02/06/2009 16:20			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	101	5100		5000	102	4900		5000	98
Mn	510		500	103	520		500	104	500		500	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020609

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV6 220-24143/68 02/06/2009 17:29											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	103								
Mn	520		500	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020909

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00042

Analyte	ICV 220-24185/3 02/09/2009 11:21											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10100		10000	101								
Mn	1000		1000	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020909

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24185/8 02/09/2009 11:50				CCV2 220-24185/20 02/09/2009 12:58							
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5000		5000	101	5000		5000	100				
Mn	510		500	103	510		500	102				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021009

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00042

Analyte	ICV 220-24200/3 02/10/2009 10:09											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10100		10000	101								
Mn	1000		1000	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021009

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24200/9 02/10/2009 10:48				CCV2 220-24200/21 02/10/2009 12:00				CCV3 220-24200/33 02/10/2009 13:09			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	102	4900		5000	99	4900		5000	98
Mn	510		500	103	500		500	101	500		500	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021009

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV5 220-24200/57 02/10/2009 15:31				CCV6 220-24200/69 02/10/2009 16:44							
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5000		5000	100	5100		5000	102				
Mn	500		500	101	510		500	103				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021209

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00042

Analyte	ICV 220-24297/3 02/12/2009 11:22											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10300		10000	103								
Mn	1000		1000	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021209

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV4 220-24297/44 02/12/2009 15:17				CCV5 220-24297/56 02/12/2009 16:32				CCV6 220-24297/68 02/12/2009 17:41			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	101	5200		5000	105	5200		5000	104
Mn	500		500	101	520		500	104	510		500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021209

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24297/73 02/12/2009 18:13											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	103								
Mn	510		500	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021609

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00042

Analyte	ICV 220-24359/3 02/16/2009 9:54											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	9900		10000	99								
Mn	990		1000	99								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021609

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24359/8 02/16/2009 10:23				CCV2 220-24359/20 02/16/2009 11:32							
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	101	5000		5000	100				
Mn	510		500	102	510		500	102				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Analysis Method: 6010B Instrument ID: ICAP2

Lab Sample ID: CRI 220-24143/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	230		111	50-150
Manganese	10.0	11	J	109	50-150

Lab Sample ID: CRI 220-24185/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	220		104	50-150
Manganese	10.0	10	J	102	50-150

Lab Sample ID: CRI 220-24200/6 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	240		112	50-150
Manganese	10.0	10	J	103	50-150

Lab Sample ID: CRI 220-24297/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	240		112	50-150
Manganese	10.0	11	J	106	50-150

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Analysis Method: 6010B Instrument ID: ICAP2

Lab Sample ID: CRI 220-24359/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	210		102	50-150
Manganese	10.0	10	J	102	50-150

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

FORM IIB-IN

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020609

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-24143/4 02/06/2009 11:19							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020609

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB3 220-24143/33 02/06/2009 14:08		CCB4 220-24143/45 02/06/2009 15:17		CCB5 220-24143/57 02/06/2009 16:26		CCB6 220-24143/69 02/06/2009 17:34	
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U	200	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020909

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-24185/4 02/09/2009 11:27							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W020909

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-24185/9 02/09/2009 11:55		CCB2 220-24185/21 02/09/2009 13:04					
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U				
Mn	15	15	U	15	U				

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021009

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-24200/4 02/10/2009 10:15							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021009

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-24200/10 02/10/2009 10:54		CCB2 220-24200/22 02/10/2009 12:06		CCB3 220-24200/34 02/10/2009 13:14		CCB5 220-24200/58 02/10/2009 15:37	
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U	200	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021009

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB6 220-24200/70 02/10/2009 16:50							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021209

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-24297/4 02/12/2009 11:28							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021209

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB4 220-24297/45 02/12/2009 15:23		CCB5 220-24297/57 02/12/2009 16:38		CCB6 220-24297/69 02/12/2009 17:46		CCB 220-24297/74 02/12/2009 18:18	
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U	200	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021609

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-24359/4 02/16/2009 10:00							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L DataFile Name: W021609

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-24359/9 02/16/2009 10:29		CCB2 220-24359/21 02/16/2009 11:37					
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U				
Mn	15	15	U	15	U				

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L Lab Sample ID: MB 220-24079/1-A

Instrument Code: ICAP2 Batch No.: 24143

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L Lab Sample ID: MB 220-24177/1-A

Instrument Code: ICAP2 Batch No.: 24200

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Concentration Units: ug/L Lab Sample ID: MB 220-24277/1-A

Instrument Code: ICAP2 Batch No.: 24297

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSA 220-24143/6 Instrument ID: ICAP2

Lab File ID: W020609 ICS Source: micsa_00027

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**175439**	**88**
Mn		**9.58**	
Ag		*-0.0232*	
Al	*500000*	*423392*	*85*
As		*-2.06*	
B		*19.0*	
Ba		*1.16*	
Be		*0.0163*	
Ca	*500000*	*429473*	*86*
Cd		*-0.386*	
Co		*-3.07*	
Cr		*1.47*	
Cu		*0.725*	
K		*28.8*	
Mg	*500000*	*446676*	*89*
Mo		*-1.90*	
Na		*50.8*	
Ni		*-1.31*	
Pb		*0.406*	
Sb		*-0.645*	
Se		*-4.45*	
Si		*75.5*	
Sn		*5.67*	
Sr		*1.37*	
Ti		*-4.50*	
Tl		*17.3*	
V		*3.35*	
Zn		*-13.2*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSAB 220-24143/7 Instrument ID: ICAP2

Lab File ID: W020609 ICS Source: micsab_00027

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**179041**	**90**
Mn	**500**	**487**	**97**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSA 220-24185/6 Instrument ID: ICAP2

Lab File ID: W020909 ICS Source: micsa_00027

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**171656**	**86**
Mn		**9.17**	
Ag		*-0.510*	
Al	*500000*	*416315*	*83*
As		*-1.03*	
B		*12.3*	
Ba		*1.13*	
Be		*-0.0365*	
Ca	*500000*	*424958*	*85*
Cd		*-1.10*	
Co		*-3.17*	
Cr		*1.29*	
Cu		*0.656*	
K		*40.3*	
Mg	*500000*	*440989*	*88*
Mo		*-0.327*	
Na		*44.2*	
Ni		*-0.742*	
Pb		*2.06*	
Sb		*0.178*	
Se		*-0.811*	
Si		*24.0*	
Sn		*5.00*	
Sr		*1.33*	
Ti		*-4.40*	
Tl		*13.2*	
V		*1.62*	
Zn		*-12.3*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSAB 220-24185/7 Instrument ID: ICAP2

Lab File ID: W020909 ICS Source: micsab_00027

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**168734**	**84**
Mn	**500**	**457**	**91**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSA 220-24200/7 Instrument ID: ICAP2

Lab File ID: W021009 ICS Source: micsa_00027

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**175869**	**88**
Mn		**9.61**	
Ag		*0.0238*	
Al	*500000*	*424777*	*85*
As		*-2.14*	
B		*13.7*	
Ba		*1.13*	
Be		*-0.0444*	
Ca	*500000*	*436839*	*87*
Cd		*-0.652*	
Co		*-2.90*	
Cr		*0.961*	
Cu		*0.456*	
K		*55.5*	
Mg	*500000*	*449482*	*90*
Mo		*-3.18*	
Na		*40.2*	
Ni		*-0.529*	
Pb		*-1.33*	
Sb		*0.151*	
Se		*-5.40*	
Si		*44.8*	
Sn		*3.49*	
Sr		*1.27*	
Ti		*-4.48*	
Tl		*7.65*	
V		*1.74*	
Zn		*-12.3*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSAB 220-24200/8 Instrument ID: ICAP2

Lab File ID: W021009 ICS Source: micsab_00027

Concentration Units: ug/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Fe	**200000**	**173688**	**87**
Mn	**500**	**468**	**94**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSA 220-24297/6 Instrument ID: ICAP2

Lab File ID: W021209 ICS Source: micsa_00027

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**173143**	**87**
Mn		**9.92**	
Ag		*-0.119*	
Al	*500000*	*419088*	*84*
As		*-3.10*	
B		*15.7*	
Ba		*1.16*	
Be		*0.0699*	
Ca	*500000*	*424382*	*85*
Cd		*-3.06*	
Co		*-3.00*	
Cr		*0.867*	
Cu		*0.941*	
K		*30.7*	
Mg	*500000*	*441395*	*88*
Mo		*-0.864*	
Na		*44.7*	
Ni		*-0.119*	
Pb		*-0.443*	
Sb		*1.01*	
Se		*-1.03*	
Si		*56.9*	
Sn		*1.41*	
Sr		*1.36*	
Ti		*-4.31*	
Tl		*8.68*	
V		*1.72*	
Zn		*-12.5*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSAB 220-24297/7 Instrument ID: ICAP2

Lab File ID: W021209 ICS Source: micsab_00027

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**173594**	**87**
Mn	**500**	**469**	**94**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSA 220-24359/6 Instrument ID: ICAP2

Lab File ID: W021609 ICS Source: micsa_00027

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**173383**	**87**
Mn		**9.34**	
Ag		*-0.172*	
Al	*500000*	*416914*	*83*
As		*1.99*	
B		*21.6*	
Ba		*1.11*	
Be		*-0.0694*	
Ca	*500000*	*428876*	*86*
Cd		*0.278*	
Co		*-2.90*	
Cr		*0.908*	
Cu		*0.391*	
K		*47.0*	
Mg	*500000*	*444627*	*89*
Mo		*-2.20*	
Na		*55.0*	
Ni		*0.466*	
Pb		*1.94*	
Sb		*-1.31*	
Se		*3.54*	
Si		*91.1*	
Sn		*4.33*	
Sr		*1.26*	
Ti		*-4.38*	
Tl		*-1.37*	
V		*1.98*	
Zn		*-12.7*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Lab Sample ID: ICSAB 220-24359/7 Instrument ID: ICAP2

Lab File ID: W021609 ICS Source: micsab_00027

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Fe	**200000**	**170554**	**85**
Mn	**500**	**462**	**92**

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: MW-24 MS | Lab ID: 220-7945-1 MS

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water | Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1020		250	U	1000	102	75-125		6010B
Manganese	505		15	U	500	101	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 220-7988-B-6-C MS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1100		140	J	1000	96	75-125		6010B
Manganese	2030		1500		500	97	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 220-8015-C-5-C MS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1730		670		1000	106	75-125		6010B
Manganese	874		360		500	103	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 220-8015-C-5-D MSD

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	1680		1000	100	75-125	3	20		6010B
Manganese	844		500	97	75-125	3	20		6010B

SRD = Sample Duplicate Result

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

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: MW-24 DU | Lab ID: 220-7945-1 DU

Lab Name: TestAmerica Connecticut | Job No.: 220-7945-1

SDG No.: 220-7945-1

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	250	250	U	250	U	NC		6010B
Manganese	15	15	U	15	U	NC		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 220-7988-B-6-B DU

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	250	140	J	154	J	10		6010B
Manganese	15	1500		1600		3		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 220-8015-C-5-B DU

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	250	670		708		5		6010B
Manganese	15	360		370		3		6010B

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-24079/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

Sample Matrix: Water LCS Source: mlcspw_00035

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	25410		102	80	120		6010B
Manganese	200	215		107	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-24177/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

Sample Matrix: Water LCS Source: mlcspw_00035

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	25230		101	80	120		6010B
Manganese	200	213		106	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-24277/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

Sample Matrix: Water LCS Source: mlcspw_00035

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	27600		110	80	120		6010B
Manganese	200	228		114	80	120		6010B

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

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-7945-1

SDG No: 220-7945-1

Lab Name: TestAmerica Connecticut Job No: 220-7945-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	250	U	1200	U	NC		6010B
Manganese	15	U	75	U	NC		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-7988-A-5-A SD ^5

SDG No: 220-7945-1

Lab Name: TestAmerica Connecticut Job No: 220-7945-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	7900		8000		1.9		6010B
Manganese	11300		12100		7.5		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-8015-C-5-A SD ^5

SDG No: 220-7945-1

Lab Name: TestAmerica Connecticut Job No: 220-7945-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	670		770	J	NC		6010B
Manganese	360		370		3.9		6010B

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG Number: 220-7945-1

Matrix: Water Instrument ID: ICAP2

Analysis Method: 6010B MDL Date: 04/27/2008 09:18

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.44	250	62
Manganese	257.61	15	2.3

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG Number: 220-7945-1

Matrix: Water Instrument ID: ICAP2

Analysis Method: 6010B MDL Date: 04/27/2008 09:18

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.44	250	62
Manganese	257.61	15	2.3

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG No.: 220-7945-1

ICP-AES Instrument ID: ICAP2 Date: 01/15/2009

Analyte	Wave Length	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	308.20														
Antimony	206.83										-0.00223		0.00005		
Arsenic	189.00			0.00005							-0.00223				
Barium	493.40														
Beryllium	313.00														
Boron	249.67									0.00077	0.00033		0.000096		
Cadmium	226.50	0.000008			0.000027					0			0.000126		
Calcium	317.93														
Chromium	267.70				-0.000054				-0.000122						
Cobalt	228.61		-0.000028		0.000066				-0.00061		0.00035			0.000001	
Copper	324.75		0.000021								0.00035				
Iron	271.44									0.0656	0.00331				
Lead	220.35	0.00023		0.000078						-0.000021			0.000034	0.000006	0.000009
Magnesium	279.07												0.000034		
Manganese	257.61														
Molybdenum	202.03														
Nickel	231.60		0.000029							-0.00246			0.00001		
Potassium	766.49														
Selenium	196.02				0.000042	0.000021					-0.000065		-0.00005		
Silicon	228.15										-0.0086				
Silver	328.06	-		0.000008											
Sodium	588.90														
Strontium	421.55							0.000021							
Thallium	190.80	0.000018								-0.00196	0.000931		-0.000088		
Tin	189.98												-0.00002		
Titanium	334.94	0.000001						-0.000005			0.00013		-0.000088		0.000013
Vanadium	292.40												0.000014		
Zinc	213.85										-0.001		0.000123		

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG No.: 220-7945-1

ICP-AES Instrument ID: ICAP2 Date: 01/15/2009

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Sn	Ti	Tl	V	Zn	Zr	
Aluminum	308.20		0.00151									0.0187			
Antimony	206.83		0.000156		-0.000041				-0.0012	-0.0032		-0.0009			
Arsenic	189.00	-0.0001	-0.0001												
Barium	493.40														
Beryllium	313.00									-0.00023		0.0001			
Boron	249.67				0.00042										
Cadmium	226.50														
Calcium	317.93									-0.000081					
Chromium	267.70	0.00034								0.00005		-0.00024			
Cobalt	228.61	-0.0023	-0.0023		0.0001					0.0029					
Copper	324.75	0.000383	0.000383									-0.0001			
Iron	271.44	0.000915	0.000915									0.00839			
Lead	220.35	0.000071	-0.00109		0.00039					0.000266					
Magnesium	279.07	-0.0064													
Manganese	257.61											-0.00009			
Molybdenum	202.03														
Nickel	231.60	-0.000044		0.000002											
Potassium	766.49														
Selenium	196.02	0.000227	0.000096		-0.00016										
Silicon	228.15		-0.00108						0.0047	0.00677					
Silver	328.06	-0.000119	-0.00012									0.00005			
Sodium	588.90											0.00005			
Strontium	421.55														
Thallium	190.80	-0.00066								0.000645		-0.00189			
Tin	189.98									-0.00118					
Titanium	334.94														
Vanadium	292.40		-0.010516							0.000165					
Zinc	213.85	0.000092	0.000346		-0.00021										

X-IN

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Connecticut Job No: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Date: 01/30/2008 10:51

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Iron		250000	6010B
Manganese		10000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-24079/1-A	02/04/2009 12:27	24079		50	50
LCS 220-24079/2-A	02/04/2009 12:27	24079		50	50
220-7945-1	02/04/2009 12:27	24079		50	50
220-7945-1 DU	02/04/2009 12:27	24079		50	50
220-7945-1 MS	02/04/2009 12:27	24079		50	50
220-7945-2	02/04/2009 12:27	24079		50	50
220-7945-3	02/04/2009 12:27	24079		50	50
220-7945-4	02/04/2009 12:27	24079		50	50
220-7945-5	02/04/2009 12:27	24079		50	50
220-7945-6	02/04/2009 12:27	24079		50	50
220-7945-7	02/04/2009 12:27	24079		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-24177/1-A	02/09/2009 12:30	24177		50	50
LCS 220-24177/2-A	02/09/2009 12:30	24177		50	50
220-7945-8	02/09/2009 12:30	24177		50	50
220-7988-B-6-B DU	02/09/2009 12:30	24177		50	50
220-7988-B-6-C MS	02/09/2009 12:30	24177		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-24277/1-A	02/12/2009 12:20	24277		50	50
LCS 220-24277/2-A	02/12/2009 12:20	24277		50	50
220-7945-1	02/12/2009 12:20	24277		50	50
220-7945-2	02/12/2009 12:20	24277		50	50
220-7945-3	02/12/2009 12:20	24277		50	50
220-7945-4	02/12/2009 12:20	24277		50	50
220-7945-5	02/12/2009 12:20	24277		50	50
220-7945-6	02/12/2009 12:20	24277		50	50
220-7945-7	02/12/2009 12:20	24277		50	50
220-7945-8	02/12/2009 12:20	24277		50	50
220-8015-C-5-B DU	02/12/2009 12:20	24277		50	50
220-8015-C-5-C MS	02/12/2009 12:20	24277		50	50
220-8015-C-5-D MSD	02/12/2009 12:20	24277		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/06/2009 11:01 End Date: 02/06/2009 17:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-24143/1 IC			11:01	X	X																		
STD2 220-24143/2 IC			11:07	X	X																		
ICV 220-24143/3	1		11:13	X	X																		
ICB 220-24143/4	1		11:19	X	X																		
CRI 220-24143/5	1		11:24	X	X																		
ICSA 220-24143/6	1		11:30	X	X																		
ICSAB 220-24143/7	1		11:36	X	X																		
CCV 220-24143/8			11:41																				
CCB 220-24143/9			11:47																				
ZZZZZZ			11:53																				
ZZZZZZ			11:59																				
ZZZZZZ			12:04																				
ZZZZZZ			12:10																				
ZZZZZZ			12:16																				
ZZZZZZ			12:22																				
ZZZZZZ			12:27																				
ZZZZZZ			12:33																				
ZZZZZZ			12:39																				
ZZZZZZ			12:44																				
CCV2 220-24143/20			12:50																				
CCB2 220-24143/21			12:56																				
ZZZZZZ			13:02																				
ZZZZZZ			13:07																				
ZZZZZZ			13:13																				
ZZZZZZ			13:22																				
ZZZZZZ			13:28																				
ZZZZZZ			13:34																				
ZZZZZZ			13:39																				
ZZZZZZ			13:45																				
ZZZZZZ			13:51																				
ZZZZZZ			13:56																				
CCV3 220-24143/32	1		14:02	X	X																		
CCB3 220-24143/33	1		14:08	X	X																		
ZZZZZZ			14:14																				
ZZZZZZ			14:19																				
ZZZZZZ			14:25																				
ZZZZZZ			14:31																				
ZZZZZZ			14:37																				
MB 220-24079/1-A	1	T	14:42	X	X																		
LCS 220-24079/2-A	1	T	14:48	X	X																		
ZZZZZZ			14:54																				
ZZZZZZ			14:59																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/06/2009 11:01 End Date: 02/06/2009 17:34

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe	Mn																			
ZZZZZZ			15:05																					
CCV4 220-24143/44	1		15:11	X	X																			
CCB4 220-24143/45	1		15:17	X	X																			
ZZZZZZ			15:22																					
ZZZZZZ			15:28																					
ZZZZZZ			15:34																					
ZZZZZZ			15:40																					
ZZZZZZ			15:45																					
ZZZZZZ			15:51																					
ZZZZZZ			15:57																					
ZZZZZZ			16:03																					
ZZZZZZ			16:08																					
ZZZZZZ			16:14																					
CCV5 220-24143/56	1		16:20	X	X																			
CCB5 220-24143/57	1		16:26	X	X																			
ZZZZZZ			16:31																					
220-7945-1	1	T	16:37	X	X																			
220-7945-1 DU	1	T	16:43	X	X																			
220-7945-1 MS	1	T	16:48	X	X																			
220-7945-1 SD	5	T	16:54	X	X																			
220-7945-2	1	T	17:00	X	X																			
220-7945-3	1	T	17:06	X	X																			
220-7945-4	1	T	17:11	X	X																			
220-7945-5	1	T	17:17	X	X																			
220-7945-6	1	T	17:23	X	X																			
CCV6 220-24143/68	1		17:29	X	X																			
CCB6 220-24143/69	1		17:34	X	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/09/2009 11:09 End Date: 02/09/2009 15:05

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-24185/1 IC			11:09	X	X																		
STD2 220-24185/2 IC			11:15	X	X																		
ICV 220-24185/3	1		11:21	X	X																		
ICB 220-24185/4	1		11:27	X	X																		
CRI 220-24185/5	1		11:33	X	X																		
ICSA 220-24185/6	1		11:38	X	X																		
ICSAB 220-24185/7	1		11:44	X	X																		
CCV 220-24185/8	1		11:50	X	X																		
CCB 220-24185/9	1		11:55	X	X																		
ZZZZZZ			12:01																				
ZZZZZZ			12:07																				
ZZZZZZ			12:13																				
ZZZZZZ			12:18																				
ZZZZZZ			12:24																				
ZZZZZZ			12:30																				
ZZZZZZ			12:36																				
ZZZZZZ			12:41																				
220-7945-7	1	T	12:47	X	X																		
ZZZZZZ			12:53																				
CCV2 220-24185/20	1		12:58	X	X																		
CCB2 220-24185/21	1		13:04	X	X																		
ZZZZZZ			13:10																				
ZZZZZZ			13:16																				
ZZZZZZ			13:21																				
ZZZZZZ			13:27																				
ZZZZZZ			13:33																				
ZZZZZZ			13:39																				
ZZZZZZ			13:44																				
ZZZZZZ			13:50																				
ZZZZZZ			13:56																				
ZZZZZZ			14:01																				
CCV3 220-24185/32			14:07																				
CCB3 220-24185/33			14:13																				
ZZZZZZ			14:19																				
ZZZZZZ			14:24																				
ZZZZZZ			14:30																				
ZZZZZZ			14:36																				
ZZZZZZ			14:42																				
ZZZZZZ			14:47																				
ZZZZZZ			14:53																				
CCV4 220-24185/41			14:59																				
CCB4 220-24185/42			15:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/09/2009 11:09 End Date: 02/09/2009 15:05

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/10/2009 09:57 End Date: 02/10/2009 17:53

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-24200/1 IC			09:57	X	X																		
STD2 220-24200/2 IC			10:03	X	X																		
ICV 220-24200/3	1		10:09	X	X																		
ICB 220-24200/4	1		10:15	X	X																		
ZZZZZZ			10:21																				
CRI 220-24200/6	1		10:31	X	X																		
ICSA 220-24200/7	1		10:37	X	X																		
ICSAB 220-24200/8	1		10:43	X	X																		
CCV 220-24200/9	1		10:48	X	X																		
CCB 220-24200/10	1		10:54	X	X																		
MB 220-24177/1-A	1	T	11:00	X	X																		
LCS 220-24177/2-A	1	T	11:05	X	X																		
ZZZZZZ			11:11																				
ZZZZZZ			11:20																				
220-7945-8	1	T	11:26	X	X																		
ZZZZZZ			11:31																				
ZZZZZZ			11:37																				
ZZZZZZ			11:43																				
ZZZZZZ			11:49																				
ZZZZZZ			11:54																				
CCV2 220-24200/21	1		12:00	X	X																		
CCB2 220-24200/22	1		12:06	X	X																		
ZZZZZZ			12:11																				
ZZZZZZ			12:17																				
ZZZZZZ			12:23																				
220-7988-B-6-B DU	1	T	12:29	X	X																		
220-7988-B-6-C MS	1	T	12:34	X	X																		
ZZZZZZ			12:40																				
ZZZZZZ			12:46																				
ZZZZZZ			12:52																				
ZZZZZZ			12:57																				
ZZZZZZ			13:03																				
CCV3 220-24200/33	1		13:09	X	X																		
CCB3 220-24200/34	1		13:14	X	X																		
ZZZZZZ			13:20																				
ZZZZZZ			13:26																				
ZZZZZZ			13:32																				
ZZZZZZ			13:37																				
ZZZZZZ			13:43																				
ZZZZZZ			13:49																				
ZZZZZZ			13:55																				
ZZZZZZ			14:00																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/10/2009 09:57 End Date: 02/10/2009 17:53

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
ZZZZZZ			14:06																				
ZZZZZZ			14:12																				
CCV4 220-24200/45			14:18																				
CCB4 220-24200/46			14:23																				
ZZZZZZ			14:29																				
ZZZZZZ			14:35																				
ZZZZZZ			14:45																				
ZZZZZZ			14:51																				
ZZZZZZ			14:57																				
ZZZZZZ			15:03																				
ZZZZZZ			15:08																				
ZZZZZZ			15:14																				
ZZZZZZ			15:20																				
ZZZZZZ			15:25																				
CCV5 220-24200/57	1		15:31	X	X																		
CCB5 220-24200/58	1		15:37	X	X																		
ZZZZZZ			15:43																				
ZZZZZZ			15:49																				
ZZZZZZ			15:54																				
ZZZZZZ			16:00																				
ZZZZZZ			16:06																				
ZZZZZZ			16:11																				
220-7988-A-5-A SD ^5	5	T	16:21	X	X																		
ZZZZZZ			16:27																				
ZZZZZZ			16:33																				
ZZZZZZ			16:39																				
CCV6 220-24200/69	1		16:44	X	X																		
CCB6 220-24200/70	1		16:50	X	X																		
ZZZZZZ			16:56																				
ZZZZZZ			17:02																				
ZZZZZZ			17:07																				
ZZZZZZ			17:13																				
ZZZZZZ			17:19																				
ZZZZZZ			17:25																				
ZZZZZZ			17:30																				
ZZZZZZ			17:36																				
ZZZZZZ			17:42																				
CCV 220-24200/80			17:48																				
CCB 220-24200/81			17:53																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/12/2009 11:11 End Date: 02/12/2009 18:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-24297/1 IC			11:11	X	X																		
STD2 220-24297/2 IC			11:17	X	X																		
ICV 220-24297/3	1		11:22	X	X																		
ICB 220-24297/4	1		11:28	X	X																		
CRI 220-24297/5	1		11:34	X	X																		
ICSA 220-24297/6	1		11:40	X	X																		
ICSAB 220-24297/7	1		11:45	X	X																		
CCV 220-24297/8			11:51																				
CCB 220-24297/9			11:57																				
ZZZZZZ			12:03																				
ZZZZZZ			12:08																				
ZZZZZZ			12:14																				
ZZZZZZ			12:20																				
ZZZZZZ			12:26																				
ZZZZZZ			12:31																				
ZZZZZZ			12:37																				
ZZZZZZ			12:43																				
ZZZZZZ			12:48																				
ZZZZZZ			12:54																				
CCV2 220-24297/20			13:00																				
CCB2 220-24297/21			13:06																				
ZZZZZZ			13:11																				
ZZZZZZ			13:17																				
ZZZZZZ			13:23																				
ZZZZZZ			13:29																				
ZZZZZZ			13:34																				
ZZZZZZ			13:40																				
ZZZZZZ			13:46																				
ZZZZZZ			13:51																				
ZZZZZZ			13:57																				
ZZZZZZ			14:03																				
CCV3 220-24297/32			14:09																				
CCB3 220-24297/33			14:14																				
ZZZZZZ			14:20																				
ZZZZZZ			14:26																				
ZZZZZZ			14:32																				
ZZZZZZ			14:37																				
ZZZZZZ			14:43																				
ZZZZZZ			14:49																				
ZZZZZZ			14:54																				
ZZZZZZ			15:00																				
ZZZZZZ			15:06																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/12/2009 11:11 End Date: 02/12/2009 18:18

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe	Mn																			
ZZZZZZ			15:12																					
CCV4 220-24297/44	1		15:17	X	X																			
CCB4 220-24297/45	1		15:23	X	X																			
ZZZZZZ			15:29																					
ZZZZZZ			15:35																					
ZZZZZZ			15:40																					
ZZZZZZ			15:46																					
ZZZZZZ			15:52																					
ZZZZZZ			16:03																					
ZZZZZZ			16:09																					
ZZZZZZ			16:15																					
MB 220-24277/1-A	1	T	16:20	X	X																			
LCS 220-24277/2-A	1	T	16:26	X	X																			
CCV5 220-24297/56	1		16:32	X	X																			
CCB5 220-24297/57	1		16:38	X	X																			
ZZZZZZ			16:43																					
ZZZZZZ			16:49																					
ZZZZZZ			16:55																					
ZZZZZZ			17:00																					
220-7945-1	1	D	17:06	X	X																			
ZZZZZZ			17:12																					
ZZZZZZ			17:18																					
ZZZZZZ			17:23																					
ZZZZZZ			17:29																					
220-8015-C-5-B DU	1	T	17:35	X	X																			
CCV6 220-24297/68	1		17:41	X	X																			
CCB6 220-24297/69	1		17:46	X	X																			
220-8015-C-5-C MS	1	T	17:52	X	X																			
220-8015-C-5-D MSD	1	T	18:01	X	X																			
220-8015-C-5-A SD ^5	5	T	18:07	X	X																			
CCV 220-24297/73	1		18:13	X	X																			
CCB 220-24297/74	1		18:18	X	X																			

Prep Types

D = Dissolved

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/16/2009 09:42 End Date: 02/16/2009 16:02

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-24359/1 IC			09:42	X	X																		
STD2 220-24359/2 IC			09:48	X	X																		
ICV 220-24359/3	1		09:54	X	X																		
ICB 220-24359/4	1		10:00	X	X																		
CRI 220-24359/5	1		10:06	X	X																		
ICSA 220-24359/6	1		10:11	X	X																		
ICSAB 220-24359/7	1		10:17	X	X																		
CCV 220-24359/8	1		10:23	X	X																		
CCB 220-24359/9	1		10:29	X	X																		
220-7945-2	1	D	10:34	X	X																		
220-7945-3	1	D	10:40	X	X																		
220-7945-4	1	D	10:46	X	X																		
220-7945-5	1	D	10:51	X	X																		
220-7945-6	1	D	10:57	X	X																		
220-7945-7	1	D	11:03	X	X																		
220-7945-8	1	D	11:09	X	X																		
ZZZZZZ			11:14																				
ZZZZZZ			11:20																				
ZZZZZZ			11:26																				
CCV2 220-24359/20	1		11:32	X	X																		
CCB2 220-24359/21	1		11:37	X	X																		
ZZZZZZ			11:43																				
ZZZZZZ			11:49																				
ZZZZZZ			11:55																				
ZZZZZZ			12:00																				
ZZZZZZ			12:06																				
ZZZZZZ			12:12																				
ZZZZZZ			12:17																				
ZZZZZZ			12:23																				
ZZZZZZ			12:29																				
ZZZZZZ			12:35																				
CCV3 220-24359/32			12:40																				
CCB3 220-24359/33			12:46																				
ZZZZZZ			12:52																				
ZZZZZZ			12:58																				
ZZZZZZ			13:03																				
ZZZZZZ			13:09																				
ZZZZZZ			13:15																				
ZZZZZZ			13:20																				
ZZZZZZ			13:26																				
ZZZZZZ			13:32																				
ZZZZZZ			13:38																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/16/2009 09:42 End Date: 02/16/2009 16:02

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
ZZZZZZ			13:43																				
CCV4 220-24359/44			13:49																				
CCB4 220-24359/45			13:55																				
ZZZZZZ			14:01																				
ZZZZZZ			14:06																				
ZZZZZZ			14:12																				
ZZZZZZ			14:18																				
ZZZZZZ			14:24																				
ZZZZZZ			14:29																				
ZZZZZZ			14:42																				
ZZZZZZ			14:47																				
ZZZZZZ			14:53																				
ZZZZZZ			14:59																				
CCV5 220-24359/56			15:05																				
CCB5 220-24359/57			15:10																				
ZZZZZZ			15:16																				
ZZZZZZ			15:22																				
ZZZZZZ			15:28																				
ZZZZZZ			15:33																				
ZZZZZZ			15:39																				
ZZZZZZ			15:45																				
ZZZZZZ			15:51																				
CCV6 220-24359/65			15:56																				
CCB6 220-24359/66			16:02																				

Prep Types
D = Dissolved

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 29143

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 2/9/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W020609 Autosampler Type: TYPE TJA
Sample Positions: 137/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	41	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	55	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-24069/1-A	1	-NA-	Sample
2	1	2	LCS 220-24069/2-A	1	-NA-	Sample
3	1	3	220-7931-A-1-J	1	-NA-	Sample
4	1	4	220-7931-A-2-J	1	-NA-	Sample
5	1	5	220-7931-A-3-J	1	-NA-	Sample
6	1	6	220-7931-A-4-J	1	-NA-	Sample
7	1	7	220-7944-A-42-A	1	-NA-	Sample
8	1	8	220-7944-A-42-B DU	1	-NA-	Sample
9	1	9	220-7944-A-42-C MS	1	-NA-	Sample
10	1	10	220-7944-A-42-A PDS	1	-NA-	Sample
11	1	11	220-7944-A-42-A SD@5	1	-NA-	Sample
12	1	12	220-7944-A-43-A	1	-NA-	Sample
13	2	1	220-7944-A-44-A	1	-NA-	Sample
14	2	2	220-7944-A-45-A	1	-NA-	Sample
15	2	3	220-7944-A-46-A	1	-NA-	Sample
16	2	4	220-7944-A-47-A	1	-NA-	Sample
17	2	5	220-7903-A-3-B	1	-NA-	Sample
18	2	6	220-7946-A-1-A	1	-NA-	Sample
19	2	7	220-7946-A-2-A	1	-NA-	Sample
20	2	8	220-7946-A-3-A	1	-NA-	Sample
21	2	9	220-7946-A-4-A	1	-NA-	Sample
22	2	10	220-7946-A-5-A	1	-NA-	Sample
23	2	11	220-7946-A-6-A	1	-NA-	Sample
24	2	12	220-7946-A-7-A	1	-NA-	Sample
25	3	1	220-7946-A-8-A	1	-NA-	Sample
26	3	2	MB 220-24079/1-A	1	-NA-	Sample
27	3	3	LCS 220-24079/2-A	1	-NA-	Sample
28	3	4	LB 220-24028/1-B	1	-NA-	Sample
29	3	5	220-7868-A-14-B @5	1	-NA-	Sample
30	3	6	220-7903-A-3-C	1	-NA-	Sample
31	3	7	220-7903-A-4-B	1	-NA-	Sample
32	3	8	220-7903-A-5-B	1	-NA-	Sample
33	3	9	220-7903-A-9-B	1	-NA-	Sample
34	3	10	220-7903-A-1-B	1	-NA-	Sample
35	3	11	220-7903-A-2-B	1	-NA-	Sample
36	3	12	220-7903-A-6-B	1	-NA-	Sample
37	4	1	220-7903-A-7-C	1	-NA-	Sample
38	4	2	220-7903-A-8-C	1	-NA-	Sample
39	4	3	220-7903-A-10-B	1	-NA-	Sample
40	4	4	220-7944-A-34-A	1	-NA-	Sample
41	4	5	220-7946-A-31-A	1	-NA-	Sample
42	4	6	220-7945-A-1-A	1	-NA-	Sample
43	4	7	220-7945-A-1-B DU	1	-NA-	Sample
44	4	8	220-7945-A-1-C MS	1	-NA-	Sample
45	4	9	220-7945-A-1-A SD@5	1	-NA-	Sample
46	4	10	220-7945-A-2-A	1	-NA-	Sample
47	4	11	220-7945-A-3-A	1	-NA-	Sample
48	4	12	220-7945-A-4-A	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	220-7945-A-5-A	1	-NA-	Sample
2	1	2	220-7945-A-6-A	1	-NA-	Sample
3	1	3	(empty)	1	-NA-	-NA-
4	1	4	(empty)	1	-NA-	-NA-
5	1	5	(empty)	1	-NA-	-NA-
6	1	6	(empty)	1	-NA-	-NA-
7	1	7	(empty)	1	-NA-	-NA-
(8...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 02/06/09 11:01:39

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00560	.09667	-.00115	.0840	.00010	-.00733	.00897
SDev	.00443	.00132	.00033	.0001	.00061	.00019	.00052
%RSD	79.129	1.3654	28.868	.0561	612.83	2.5713	5.7830
#1	-.00873	.09573	-.00139	.0839	-.00033	-.00747	.00860
#2	-.00247	.09760	-.00092	.0840	.00053	-.00720	.00933

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00493	-.00097	.00043	.03617	-.01007	.01847	.00033
SDev	.00038	.00099	.00335	.00024	.00132	.00038	.00038
%RSD	7.6444	102.41	772.38	.65172	13.112	2.0422	113.14
#1	.00520	-.00167	-.00193	.03600	-.01100	.01820	.00007
#2	.00467	-.00027	.00280	.03633	-.00913	.01873	.00060

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00083	-.00910	.15027	-.00357	.01580	-.00637	-.01393
SDev	.00005	.00146	.00330	.00099	.00085	.00316	.01009
%RSD	5.6569	16.059	2.1960	27.756	5.3704	49.609	72.402
#1	.00080	-.01013	.14793	-.00287	.01640	-.00413	-.00680
#2	.00087	-.00807	.15260	-.00427	.01520	-.00860	-.02107

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	-.00197	-.02907	.02400	-.00120	-.00090	.3266	.00010
SDev	.01532	.00009	.00047	.00170	.00042	.0013	.00240
%RSD	779.02	.32436	1.9642	141.42	47.140	.3897	2404.2
#1	-.01280	-.02900	.02433	-.00240	-.00120	.3257	-.00160
#2	.00887	-.02913	.02367	.00000	-.00060	.3275	.00180

Elem	Sr4215	Ti3349
Avge	.00273	-.01407
SDev	.00019	.00047
%RSD	6.8986	3.3512
#1	.00260	-.01440
#2	.00287	-.01373

Method: STL3 Standard: STD2
Run Time: 02/06/09 11:07:28

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.83430	5.1546	1.3919	2.500	10.358	3.7571	14.177
SDev	.00099	.0006	.0060	.002	.035	.0065	.018
%RSD	.11866	.01189	.42867	.0641	.33452	.17315	.12536
#1	.83360	5.1550	1.3877	2.499	10.382	3.7617	14.164
#2	.83500	5.1541	1.3961	2.502	10.333	3.7525	14.190

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.4553	1.5486	4.0264	4.2281	1.8586	1.4639	9.9648
SDev	.0217	.0052	.0026	.0009	.0018	.0018	.0221
%RSD	.25646	.33789	.06439	.02231	.09892	.12237	.22187
#1	8.4706	1.5449	4.0246	4.2274	1.8599	1.4651	9.9805
#2	8.4399	1.5523	4.0283	4.2287	1.8573	1.4626	9.9492

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.5146	2.2232	107.94	4.1787	2.0520	.66230	4.1815
SDev	.0010	.0140	.32	.0133	.0110	.00420	.0234
%RSD	.02297	.63188	.29453	.31812	.53526	.63348	.55918
#1	4.5139	2.2133	108.17	4.1881	2.0443	.66527	4.1980
#2	4.5153	2.2331	107.72	4.1693	2.0598	.65933	4.1649

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6673	2.3491	1.9770	1.8494	.59640	1.687	1.5529
SDev	.0208	.0098	.0058	.0036	.00075	.005	.0169
%RSD	.56815	.41741	.29090	.19628	.12646	.2739	1.0867
#1	3.6526	2.3560	1.9729	1.8468	.59693	1.690	1.5410
#2	3.6821	2.3421	1.9811	1.8519	.59587	1.683	1.5649

Elem	Sr4215	Ti3349
Avge	11.803	12.707
SDev	.007	.011
%RSD	.05552	.08347
#1	11.808	12.699
#2	11.798	12.714

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	118.846	.665539	02/06/09 11:07:28
Al3082	308.215	STD2	STD1	2178.81	-210.618	02/06/09 11:07:28
As1890	189.042	STD2	STD1	716.204	.827045	02/06/09 11:07:28
B_2496	249.678	STD2	STD1	414.897	-34.8375	02/06/09 11:07:28
Ba4934	493.409	STD2	STD1	96.5481	-.009655	02/06/09 11:07:28
Be3130	313.042	STD2	STD1	265.612	1.94782	02/06/09 11:07:28
Ca3179	317.933	STD2	STD1	3529.06	-31.6439	02/06/09 11:07:28
Cd2265	226.502	STD2	STD1	118.594	-.585061	02/06/09 11:07:28
Co2286	228.616	STD2	STD1	645.669	.624146	02/06/09 11:07:28
Cr2677	267.716	STD2	STD1	248.379	-.107631	02/06/09 11:07:28
Cu3247	324.753	STD2	STD1	238.628	-8.63037	02/06/09 11:07:28
Fe2714	271.441	STD2	STD1	5928.51	59.6803	02/06/09 11:07:28
K_7664	766.491	STD2	STD1	34592.5	-638.808	02/06/09 11:07:28
Mg2790	279.078	STD2	STD1	5017.17	-1.67239	02/06/09 11:07:28
Mn2576	257.610	STD2	STD1	221.525	-.184604	02/06/09 11:07:28
Mo2020	202.030	STD2	STD1	447.969	4.07651	02/06/09 11:07:28
Na5889	588.995	STD2	STD1	463.862	-69.7030	02/06/09 11:07:28
Ni2316	231.604	STD2	STD1	238.583	.850945	02/06/09 11:07:28
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	488.044	-7.71109	02/06/09 11:07:28
Tl1908	190.864	STD2	STD1	1485.76	9.45936	02/06/09 11:07:28
2203/1	220.351	STD2	STD1	238.852	3.32801	02/06/09 11:07:28
2203/2	220.352	STD2	STD1	271.961	.534857	02/06/09 11:07:28
1960/1	196.021	STD2	STD1	420.529	12.2234	02/06/09 11:07:28
1960/2	196.022	STD2	STD1	509.097	-12.2183	02/06/09 11:07:28
V_2924	292.402	STD2	STD1	534.864	.641837	02/06/09 11:07:28
Zn2062	206.200	STD2	STD1	1674.38	1.50694	02/06/09 11:07:28
Si2881	288.158	STD2	STD1	736.556	-240.584	02/06/09 11:07:28
Sn1899	189.989	STD2	STD1	643.083	-.064308	02/06/09 11:07:28
Sr4215	421.552	STD2	STD1	84.8331	-.231877	02/06/09 11:07:28
Ti3349	334.941	STD2	STD1	78.6542	1.10640	02/06/09 11:07:28

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 02/06/09 11:13:16
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.5650	9900.598	1016.304	995.8810	981.1892	983.8057	25189.39
SDev	.8701	55.219	16.235	8.4096	6.6631	7.1755	218.93
%RSD	.8165173	.5577364	1.597457	.8444363	.6790876	.7293583	.8691453
#1	105.9497	9861.552	1004.824	989.9346	976.4777	978.7318	25034.58
#2	107.1802	9939.644	1027.783	1001.827	985.9008	988.8795	25344.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1000.774	1009.793	1012.118	977.7040	10131.65	48093.95	24877.79
SDev	8.648	8.188	8.570	8.2315	63.09	112.52	201.81
%RSD	.8641259	.8108301	.8467603	.8419181	.6226946	.2339553	.8111885
#1	994.6588	1004.003	1006.058	971.8835	10087.04	48014.39	24735.10
#2	1006.889	1015.582	1018.178	983.5245	10176.26	48173.52	25020.49

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1016.258	1017.889	48224.40	999.6722	985.4311	981.0714	995.1023
SDev	9.566	8.405	29.39	11.7037	10.0569	7.1678	10.7877
%RSD	.9413102	.8257038	.0609424	1.170757	1.020553	.7306123	1.084083
#1	1009.494	1011.946	48203.62	991.3965	978.3198	976.0030	987.4742
#2	1023.022	1023.832	48245.18	1007.948	992.5424	986.1398	1002.730

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	994.8109	992.3971	981.9526	983.0041	977.1992	989.3972	1009.229
SDev	3.5452	1.7713	14.1935	3.3495	14.8164	6.8688	8.685
%RSD	.3563650	.1784876	1.445440	.3407434	1.516206	.6942437	.8605384
#1	992.3041	991.1446	971.9163	980.6356	966.7224	984.5402	1003.088
#2	997.3178	993.6496	991.9890	985.3726	987.6759	994.2542	1015.370

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1071.862	1022.803	993.2536	991.7565
SDev	13.003	3.920	4.7983	6.9604
%RSD	1.213132	.3832765	.4830852	.7018222
#1	1062.667	1020.030	989.8607	986.8347
#2	1081.056	1025.574	996.6465	996.6782

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 02/06/09 11:19:01
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0125306	-2.78056	.9310049	3.221510	.0450558	.0266325	3.529063
SDev	.0836110	4.11548	2.002038	.351862	.0409619	.0124421	.831808
%RSD	667.2533	148.0087	215.0406	10.92227	90.91373	46.71776	23.57023
#1	-.046591	-5.69064	2.346660	3.470314	.0740202	.0178346	4.117240
#2	.0716525	.1295169	-.484650	2.972706	.0160914	.0354304	2.940885

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.225976	.0330123	.5465439	.0375561	3.740048	4.612336	3.344545
SDev	.139317	.2364891	.0351062	.0435874	.827047	6.522844	2.365251
%RSD	61.65111	716.3659	6.423312	116.0594	22.11329	141.4217	70.71967
#1	-.324487	-.134211	.5713677	.0683771	3.155237	-.000011	5.017030
#2	-.127464	.2002354	.5217200	.0067352	4.324859	9.224683	1.672060

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.036864	5.898251	.2473901	.6999180	-1.23191	.0028765	8.817177
SDev	.020893	3.589964	1.705599	1.044949	.85773	1.324582	5.321514
%RSD	56.67741	60.86489	689.4370	149.2959	69.62573	46048.06	60.35394
#1	-.022090	8.436740	1.453430	1.438808	-1.83841	-.933744	12.58005
#2	-.051638	3.359764	-.958650	-.038972	-.625406	.9394972	5.054298

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.824324	-4.00680	.1528562	-1.96280	3.939023	.6323994	-.113073
SDev	1.821958	1.48095	.5465815	2.65661	1.343332	.0881280	.079756
%RSD	64.50955	36.96090	357.5790	135.3482	34.10318	13.93550	70.53490
#1	1.536004	-5.05399	-.233635	-3.84130	4.888902	.6947154	-.169469
#2	4.112643	-2.95961	.5393476	-.084289	2.989144	.5700835	-.056677

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.686142	11.68343	.0168925	.5845762
SDev	4.248136	5.15402	.0079807	.3818290
%RSD	619.1335	44.11391	47.24385	65.31724
#1	2.317744	15.32787	.0225357	.8545701
#2	-3.69003	8.038990	.0112493	.3145823

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 02/06/09 11:24:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.13634	394.3090	20.34608	33.26368	10.55271	10.71037	509.9496
SDev	.03366	7.9141	.32258	.21461	.13654	.01256	7.3199
%RSD	.3022370	2.007076	1.585468	.6451876	1.293876	.1172799	1.435420
#1	11.11254	388.7129	20.57418	33.11192	10.45616	10.70149	504.7736
#2	11.16014	399.9051	20.11798	33.41543	10.64925	10.71925	515.1255

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.59584	10.89584	10.58858	10.29681	232.7029	364.3743	496.2679
SDev	.17877	.54809	.25751	.16865	.0344	.0000	4.9674
%RSD	1.687179	5.030221	2.431965	1.637933	.0147863	.0000000	1.000956
#1	10.46943	10.50829	10.40649	10.17755	232.7272	364.3743	492.7554
#2	10.72225	11.28340	10.77066	10.41606	232.6785	364.3743	499.7804

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.87790	33.11980	447.4410	10.97847	9.901568	28.60429	33.52205
SDev	.10440	.14782	4.0672	.05760	.854951	2.03067	1.17305
%RSD	.9597512	.4463276	.9089917	.5246779	8.634502	7.099195	3.499338
#1	10.80408	33.01528	444.5651	10.93774	10.50611	30.04020	34.35152
#2	10.95172	33.22433	450.3170	11.01920	9.297027	27.16839	32.69258

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.09261	6.495326	11.60134	27.25025	31.31525	11.96413	32.85066
SDev	3.64259	2.748685	.09050	3.09256	.09628	.30102	.78928
%RSD	13.44496	42.31789	.7800453	11.34873	.3074441	2.515989	2.402640
#1	24.51691	8.438940	11.53735	29.43701	31.24717	12.17698	32.29255
#2	29.66831	4.551712	11.66533	25.06348	31.38333	11.75128	33.40876

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	43.77257	33.61153	10.70653	32.17127
SDev	.13521	.33342	.05583	.04072
%RSD	.3088854	.9919811	.5214894	.1265639
#1	43.86818	33.84729	10.66705	32.14248
#2	43.67696	33.37576	10.74601	32.20006

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 02/06/09 11:30:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.023177	423392.0	-2.05950	18.96689	1.161795	.0163375	429473.3
SDev	.078436	379.3	1.18714	.81325	.000000	.0750564	3047.2
%RSD	338.4290	.0895747	57.64196	4.287754	.0000000	459.4114	.7095278
#1	-.078639	423123.8	-2.89893	19.54195	1.161795	.0694104	427318.6
#2	.0322862	423660.2	-1.22007	18.39183	1.161795	-.036735	431628.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.386202	-3.06979	1.471505	.7249426	175439.4	28.82708	446675.7
SDev	.425010	.36664	.292473	.1125654	530.5	1.63069	2905.5
%RSD	110.0487	11.94348	19.87579	15.52749	.3023686	5.656797	.6504823
#1	-.085674	-2.81053	1.264695	.6453468	175064.3	27.67401	444621.1
#2	-.686729	-3.32904	1.678315	.8045383	175814.5	29.98015	448730.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.577766	-1.89640	50.76193	-1.30700	.4057248	-4.44567	-.644874
SDev	.125258	.42235	2.16481	.12991	.8782909	1.29010	1.369031
%RSD	1.307804	22.27108	4.264623	9.939537	216.4745	29.01921	212.2944
#1	9.489196	-1.59775	52.29268	-1.21514	-.215321	-3.53343	.3231773
#2	9.666338	-2.19505	49.23119	-1.39886	1.026770	-5.35791	-1.61292

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.29369	-4.31613	2.762312	-6.33967	-.653076	3.354382	-13.2125
SDev	1.91729	.89279	.871052	.48231	2.907957	.616951	.1164
%RSD	11.08665	20.68498	31.53344	7.607811	445.2708	18.39238	.8812319
#1	15.93797	-4.94743	2.146385	-5.99863	1.403160	3.790633	-13.1301
#2	18.64943	-3.68483	3.378239	-6.68072	-2.70931	2.918133	-13.2948

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	75.54936	5.668525	1.370283	-4.49808
SDev	.42014	1.102000	.047996	.03638
%RSD	.5561079	19.44068	3.502645	.8087108
#1	75.84644	4.889294	1.404222	-4.52380
#2	75.25228	6.447757	1.336345	-4.47236

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 02/06/09 11:36:15
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	222.1298	427473.8	96.88351	28.31275	484.0084	464.9764	442539.2
SDev	1.4402	755.2	.75211	.66076	.8966	1.3145	2506.8
%RSD	.6483428	.1766686	.7763036	2.333780	.1852523	.2827063	.5664492
#1	221.1114	426939.8	97.41534	27.84553	483.3744	464.0469	440766.7
#2	223.1481	428007.8	96.35169	28.77998	484.6424	465.9059	444311.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	933.7104	460.8024	473.5319	543.7360	179040.8	46.12333	452417.8
SDev	4.0452	1.3412	1.2760	1.3163	628.7	3.26138	2241.2
%RSD	.4332430	.2910599	.2694687	.2420900	.3511525	7.070990	.4953821
#1	930.8500	459.8540	472.6296	542.8052	178596.3	43.81719	450833.1
#2	936.5708	461.7508	474.4341	544.6668	179485.4	48.42947	454002.6

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	486.7839	-2.01586	59.08052	928.6854	49.47441	45.68600	567.9600
SDev	3.4045	.04224	.54667	3.2025	.20357	2.44621	23.1763
%RSD	.6993830	2.095138	.9252889	.3448402	.4114706	5.354400	4.080615
#1	484.3765	-2.04572	59.46708	926.4209	49.33046	43.95627	551.5719
#2	489.1912	-1.98599	58.69397	930.9499	49.61836	47.41573	584.3481

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	113.9059	48.40091	50.00970	42.33083	52.40531	472.9138	934.3618
SDev	1.4764	.38363	.49695	.49100	6.36237	1.6558	4.6045
%RSD	1.296119	.7926077	.9937067	1.159903	12.14070	.3501256	.4927942
#1	112.8620	48.67218	49.65831	41.98365	47.90644	471.7430	931.1059
#2	114.9499	48.12965	50.36110	42.67802	56.90419	474.0847	937.6176

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	214.2519	2.718072	1.078933	-4.49310
SDev	1.2298	.624158	.020649	.09540
%RSD	.5740164	22.96325	1.913859	2.123248
#1	213.3823	3.159418	1.093535	-4.42564
#2	215.1215	2.276725	1.064332	-4.56055

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/06/09 11:41:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.53147	4778.540	507.0018	484.9036	494.4967	492.8189	18829.43
SDev	.34205	3.073	2.1794	1.5011	2.3667	.5132	13.47
%RSD	.6511368	.0643130	.4298542	.3095605	.4786116	.1041348	.0715566
#1	52.28960	4780.713	505.4607	485.9650	492.8232	493.1818	18838.96
#2	52.77334	4776.367	508.5428	483.8422	496.1703	492.4561	18819.91

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.1209	503.2250	506.9397	485.9081	5030.151	18766.43	18576.35
SDev	1.2225	.2403	1.4990	2.9913	37.705	63.60	39.97
%RSD	.2454188	.0477532	.2956913	.6156161	.7495706	.3388786	.2151707
#1	498.9853	503.3950	507.9996	483.7929	5056.812	18721.46	18548.09
#2	497.2565	503.0551	505.8797	488.0233	5003.490	18811.40	18604.62

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.4126	501.3066	21203.31	499.2824	486.7249	481.5947	514.3549
SDev	.0626	2.0906	75.00	1.5643	.9454	1.5564	16.3769
%RSD	.0121974	.4170371	.3537262	.3133004	.1942471	.3231761	3.183977
#1	513.3683	499.8283	21150.27	500.3884	486.0563	480.4941	525.9351
#2	513.4569	502.7849	21256.34	498.1762	487.3934	482.6952	502.7746

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488.5533	484.0716	488.0489	479.4232	485.9430	497.0346	500.9686
SDev	2.5797	2.3586	2.5951	.1006	4.8753	.6079	1.5003
%RSD	.5280250	.4872475	.5317365	.0209885	1.003261	.1223068	.2994741
#1	486.7292	485.7394	486.2139	479.4944	482.4957	497.4644	502.0294
#2	490.3774	482.4038	489.8840	479.3521	489.3904	496.6047	499.9078

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	529.1353	486.6418	504.7232	495.8821
SDev	5.8345	4.1530	.9601	.4778
%RSD	1.102655	.8533955	.1902147	.0963592
#1	525.0096	483.7052	504.0444	495.5443
#2	533.2609	489.5784	505.4021	496.2200

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/06/09 11:47:42
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1904493	-1.61230	-1.22432	1.464098	.0321827	-.070828	-1.76453
SDev	.1119680	1.83531	.45892	.722984	.0227566	.100184	1.66362
%RSD	58.79152	113.8317	37.48349	49.38085	70.71069	141.4462	94.28085
#1	.1112759	-.314541	-.899819	1.975326	.0482740	-.141669	-.588178
#2	.2696227	-2.91006	-1.54883	.9528714	.0160914	.0000125	-2.94089

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.074178	.4144351	.6955885	-.271451	14.58699	21.90859	5.351318
SDev	.189725	.6104974	.2928891	.325896	2.18848	4.89216	.946047
%RSD	255.7691	147.3083	42.10666	120.0568	15.00296	22.32985	17.67876
#1	.0599775	.8461220	.9026924	-.041008	16.13448	18.44931	6.020275
#2	-.208334	-.017252	.4884846	-.501895	13.03950	25.36786	4.682363

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.051640	2.837134	-10.3596	-.173435	-.279436	-5.27995	9.491942
SDev	.000058	.992519	.5685	.234861	1.147431	2.36984	6.467383
%RSD	.1116672	34.98317	5.487995	135.4174	410.6234	44.88380	68.13551
#1	-.051599	3.538951	-9.95757	-.339507	.5319197	-6.95568	14.06507
#2	-.051681	2.135317	-10.7616	-.007363	-1.09079	-3.60422	4.918812

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8472141	-2.82556	.9911159	-8.60670	1.382550	.5466291	-.447500
SDev	1.683658	2.46698	.4886462	3.92518	.745508	.6407175	.236529
%RSD	198.7287	87.30943	49.30263	45.60609	53.92271	117.2125	52.85559
#1	2.037740	-1.08114	1.336641	-11.3822	1.909704	.9996847	-.280249
#2	-.343312	-4.56997	.6455909	-5.83118	.8553959	.0935734	-.614752

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-6.71928	5.123795	.0085203	.2358692
SDev	1.59372	1.212888	.0039641	.2001594
%RSD	23.71868	23.67168	46.52560	84.86033
#1	-5.59235	5.981436	.0113234	.3774033
#2	-7.84621	4.266153	.0057173	.0943352

Method: STL3 Sample Name: MB 220-24069/1-A Operator: NP
Run Time: 02/06/09 11:53:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4120553	-3.14593	-.633316	-.125934	.0225279	-.141759	L-18.9393
SDev	.2128414	4.83830	3.378678	.195956	.0091026	.050039	.0000
%RSD	51.65359	153.7954	533.4902	155.6027	40.40610	35.29845	.0000000
#1	.5625569	-6.56712	-3.02240	-.264496	.0160914	-.106376	L-18.9393
#2	.2615537	.2752607	1.755771	.0126283	.0289644	-.177141	L-18.9393

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.096538	.6904438	.4307958	-.350225	7.452196	14.99007	4.180787
SDev	.113061	.5183333	.0115922	.056025	6.736543	4.89211	.709335
%RSD	117.1159	75.07249	2.690874	15.99694	90.39675	32.63568	16.96653
#1	-.176484	.3239268	.4225990	-.389841	12.21565	11.53082	3.679212
#2	-.016591	1.056961	.4389928	-.310609	2.688741	18.44931	4.682363

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.029433	.9556661	-5.45811	.1851646	.1372557	.6167546	-.354294
SDev	.031383	.2322918	1.42133	.3137818	1.128381	.4679422	.505004
%RSD	106.6235	24.30680	26.04072	169.4610	822.1010	75.87170	142.5378
#1	-.007242	.7914110	-4.45308	.4070418	-.660630	.9476398	-.711386
#2	-.051624	1.119921	-6.46315	-.036713	.9351412	.2858695	.0027971

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.976700	-3.76651	2.085560	.6169642	.6153339	1.150978	.5021779
SDev	5.815244	2.12813	.629185	.4363500	.5312216	.602583	.1578023
%RSD	195.3587	56.50139	30.16866	70.72534	86.33062	52.35398	31.42358
#1	7.088698	-5.27132	1.640659	.9255103	.9909642	1.577069	.6137610
#2	-1.13530	-2.26169	2.530461	.3084181	.2397035	.7248877	.3905949

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-6.73373	2.293894	-.157957	.0706609
SDev	1.28976	.909664	.000000	.0630622
%RSD	19.15368	39.65588	.0000000	89.24623
#1	-7.64573	2.937124	-.157957	.1152527
#2	-5.82174	1.650665	-.157957	.0260692

Method: STL3 Sample Name: LCS 220-24069/2-A Operator: NP
Run Time: 02/06/09 11:59:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	317.7983	5819.638	1027.242	1065.821	303.4377	104.9827	30708.49
SDev	.0685	7.921	.975	5.736	.0045	.1627	110.96
%RSD	.0215657	.1361101	.0948757	.5382098	.0014934	.1549795	.3613349
#1	317.7499	5814.037	1026.552	1061.765	303.4345	105.0978	30786.96
#2	317.8468	5825.239	1027.931	1069.877	303.4409	104.8677	30630.03

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	307.1210	311.1373	312.4782	302.1779	25111.65	19979.48	15206.73
SDev	.3223	1.5567	1.3000	.0520	40.97	66.86	3.79
%RSD	.1049375	.5003122	.4160343	.0171961	.1631599	.3346378	.0248982
#1	307.3489	312.2380	313.3975	302.1411	25140.62	19932.20	15209.41
#2	306.8931	310.0366	311.5590	302.2146	25082.68	20026.75	15204.05

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	211.6652	1075.229	31825.90	305.0560	1021.828	528.7783	1069.678
SDev	.2299	10.770	38.88	.5996	.715	.7970	3.770
%RSD	.1085968	1.001631	.1221598	.1965538	.0699309	.1507177	.3524559
#1	211.8277	1067.613	31798.40	305.4800	1021.323	529.3418	1067.012
#2	211.5026	1082.844	31853.39	304.6320	1022.333	528.2147	1072.344

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1016.249	1023.032	1021.226	528.4573	529.4199	311.4276	307.1992
SDev	10.209	.867	1.504	3.3525	4.3213	1.5250	2.2923
%RSD	1.004597	.0847658	.1473061	.6343854	.8162364	.4896808	.7461979
#1	1009.030	1023.645	1020.162	530.8279	526.3643	312.5059	308.8201
#2	1023.468	1022.419	1022.290	526.0868	532.4756	310.3492	305.5783

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1031.477	1085.152	-.653362	1076.637
SDev	.386	1.484	.001669	.356
%RSD	.0374313	.1367670	.2554311	.0330872
#1	1031.750	1084.103	-.652182	1076.889
#2	1031.204	1086.202	-.654542	1076.385

Method: STL3 Sample Name: 220-7931-A-1-J Operator: NP
Run Time: 02/06/09 12:04:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3934045	14182.29	1.339092	15.49131	66.56346	1.600807	H135079.9
SDev	.2068694	13.36	3.784507	.91847	.00910	.012720	310.8
%RSD	52.58440	.0942198	282.6174	5.928947	.0136727	.7945837	.2300581
#1	.2471257	14191.74	-1.33696	16.14077	66.55703	1.609801	H134860.2
#2	.5396832	14172.84	4.015143	14.84185	66.56990	1.591813	H135299.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.742940	9.965985	28.54642	26.77529	24007.94	2352.290	63369.08
SDev	.293991	.145511	.46846	.41488	9.80	3.261	2.37
%RSD	39.57129	1.460078	1.641032	1.549504	.0408086	.1386402	.0037355
#1	-.535057	9.863093	28.21517	27.06866	24014.87	2354.596	63367.40
#2	-.950823	10.06888	28.87767	26.48192	24001.01	2349.984	63370.75

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	553.3275	7.062970	436.7413	22.28232	18.98259	3.174312	2.251711
SDev	.2194	3.463260	3.3675	.24762	.66969	.979288	1.842976
%RSD	.0396463	49.03404	.7710408	1.111290	3.527909	30.85040	81.84778
#1	553.1724	9.511865	439.1225	22.45741	18.50905	3.866773	3.554892
#2	553.4827	4.614076	434.3602	22.10722	19.45613	2.481851	.9485307

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.125343	18.06143	19.44183	.8686975	7.791462	39.46422	93.62631
SDev	7.985975	.49448	1.25083	2.735674	2.538758	.79585	.16034
%RSD	130.3760	2.737792	6.433717	314.9167	32.58385	2.016647	.1712597
#1	11.77228	18.41108	18.55735	2.803111	5.996289	38.90147	93.51292
#2	.4784060	17.71178	20.32630	-1.06572	9.586636	40.02697	93.73968

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2770.499	5.420860	278.4782	317.6395
SDev	6.194	2.183502	.4184	.5177
%RSD	.2235855	40.27961	.1502525	.1629719
#1	2766.119	6.964829	278.7741	318.0056
#2	2774.879	3.876891	278.1824	317.2735

Method: STL3 Sample Name: 220-7931-A-2-J Operator: NP
Run Time: 02/06/09 12:10:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5387059	20684.78	14.36948	31.71831	111.6643	1.256383	H264686.8
SDev	.1845268	131.98	1.32966	.05911	.5553	.048949	2732.5
%RSD	34.25372	.6380755	9.253380	.1863660	.4972578	3.896026	1.032345
#1	.6691861	20591.46	15.30970	31.67651	111.2717	1.290995	H262754.6
#2	.4082258	20778.11	13.42927	31.76010	112.0569	1.221771	H266618.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.235228	14.93522	38.45287	24.97192	31046.48	6623.310	11997.45
SDev	.179518	.65423	.70115	.02264	193.07	55.444	93.44
%RSD	14.53321	4.380427	1.823389	.0906751	.6218758	.8371041	.7788575
#1	1.362167	14.47261	37.95708	24.95591	30909.96	6584.106	11931.38
#2	1.108290	15.39783	38.94865	24.98793	31183.00	6662.516	12063.53

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	453.2000	4.793263	1199.577	38.93261	91.37727	9.729013	-1.43224
SDev	3.2686	.337879	14.651	.17629	.25788	1.587770	.97380
%RSD	.7212172	7.049035	1.221323	.4528110	.2822169	16.31995	67.99093
#1	450.8888	5.032179	1189.218	39.05727	91.55962	8.606290	-2.12082
#2	455.5112	4.554347	1209.937	38.80796	91.19492	10.85174	-.743666

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.11673	89.76047	92.18347	9.549772	10.08693	56.32150	99.18629
SDev	.28970	.45160	.61209	2.521763	.28288	.13311	1.32868
%RSD	2.208625	.5031210	.6639950	26.40653	2.804423	.2363369	1.339585
#1	13.32157	89.44114	92.61629	7.766617	10.28696	56.41563	98.24676
#2	12.91188	90.07980	91.75066	11.33293	9.886904	56.22738	100.1258

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9940.543	-1.79518	489.7507	713.7049
SDev	209.743	3.90104	3.5378	4.8782
%RSD	2.109980	217.3061	.7223631	.6835025
#1	9792.231	.9632707	487.2491	710.2555
#2	10088.85	-4.55364	492.2523	717.1543

Method: STL3 Sample Name: 220-7931-A-3-J Operator: NP
Run Time: 02/06/09 12:16:20
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2096291	12290.24	6.871370	7.938558	58.41803	1.246686	11335.59
SDev	.1567934	32.45	3.145178	.431735	.07737	.125246	20.46
%RSD	74.79562	.2640271	45.77220	5.438462	.1324457	10.04633	.1805164
#1	.3204988	12267.30	4.647394	8.243841	58.47274	1.158124	11321.12
#2	.0987594	12313.19	9.095346	7.633275	58.36332	1.335249	11350.06

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.675525	34.38599	21.96144	64.27374	29952.24	1256.861	25291.05
SDev	.374681	.09170	.18718	.01113	23.20	6.523	17.26
%RSD	55.46514	.2666727	.8523207	.0173157	.0774585	.5189742	.0682533
#1	-.410586	34.45083	21.82908	64.26587	29935.83	1252.248	25303.26
#2	-.940465	34.32115	22.09380	64.28161	29968.64	1261.473	25278.85

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	312.2718	1.045260	472.0412	247.0013	5.096153	1.692469	-.567104
SDev	.5222	.232292	3.3019	1.8097	1.459761	.542232	1.172973
%RSD	.1672106	22.22337	.6994841	.7326664	28.64438	32.03792	206.8355
#1	311.9026	.8810046	469.7064	248.2809	6.128360	1.309053	-1.39652
#2	312.6410	1.209515	474.3759	245.7216	4.063946	2.075885	.2623128

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.011629	2.544673	6.369281	.2534702	4.573786	38.02079	181.1883
SDev	.411933	2.307573	1.036350	1.645526	1.667670	.35507	.0025
%RSD	6.852272	90.68252	16.27107	649.1990	36.46148	.9338749	.0013577
#1	6.302910	4.176374	7.102091	-.910092	5.753007	37.76972	181.1900
#2	5.720348	.9129720	5.636471	1.417033	3.394566	38.27186	181.1866

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1963.164	1.972082	50.11603	509.6089
SDev	17.982	.878313	.07555	.3082
%RSD	.9159628	44.53735	.1507584	.0604850
#1	1975.879	2.593144	50.06260	509.3909
#2	1950.449	1.351021	50.16945	509.8268

Method: STL3 Sample Name: 220-7931-A-4-J Operator: NP
Run Time: 02/06/09 12:22:03
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1973339	14481.79	9.571770	9.836907	101.5428	1.321179	37625.58
SDev	.0673415	73.75	1.104569	.077009	.0319	.037797	238.56
%RSD	34.12569	.5092775	11.53986	.7828616	.0313776	2.860831	.6340445
#1	.1497162	14429.64	10.35282	9.891361	101.5654	1.294453	37456.89
#2	.2449515	14533.94	8.790722	9.782454	101.5203	1.347905	37794.27

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.955526	13.09486	43.01693	53.37671	45409.29	1769.983	11001.94
SDev	.046577	.75872	.03546	.01117	182.73	4.892	22.24
%RSD	4.874452	5.793995	.0824389	.0209215	.4024046	.2763967	.2021149
#1	-.922591	12.55837	43.04200	53.36882	45280.08	1766.524	10986.22
#2	-.988461	13.63135	42.99185	53.38461	45538.50	1773.442	11017.67

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	411.3237	2.777405	469.9847	35.31184	57.42899	2.877902	-1.61950
SDev	.6056	.190057	2.3616	.69692	.00159	1.781749	.20688
%RSD	.1472420	6.842965	.5024854	1.973612	.0027712	61.91140	12.77432
#1	410.8955	2.643014	468.3148	34.81904	57.42786	1.618015	-1.76578
#2	411.7520	2.911795	471.6546	35.80463	57.43012	4.137789	-1.47321

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.09310	54.46707	58.90693	1.648258	5.339683	48.13732	193.6000
SDev	6.29056	2.06763	1.03465	2.442862	.457539	.32846	1.4094
%RSD	62.32527	3.796117	1.756422	148.2087	8.568664	.6823441	.7279910
#1	5.645011	55.92911	58.17532	-.079106	5.016153	48.36958	192.6034
#2	14.54120	53.00503	59.63854	3.375622	5.663212	47.90507	194.5966

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2490.512	3.422435	168.8901	568.4287
SDev	5.403	1.550759	.1190	.8721
%RSD	.2169536	45.31157	.0704399	.1534232
#1	2486.692	2.325883	168.8060	567.8121
#2	2494.333	4.518987	168.9742	569.0454

Method: STL3 Sample Name: 220-7944-A-42-A Operator: NP
Run Time: 02/06/09 12:27:47
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2404629	10590.35	4.806223	1.582334	33.36702	.5563726	437.9567
SDev	.1290706	35.73	1.497461	.425706	.18661	.0505663	5.3236
%RSD	53.67590	.3373920	31.15670	26.90364	.5592529	9.088570	1.215550
#1	.1491962	10565.08	3.747358	1.883354	33.23506	.5206168	434.1924
#2	.3317296	10615.61	5.865087	1.281315	33.49897	.5921284	441.7211

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.09525	3.811235	1372.227	48.80925	15673.96	546.5615	1975.192
SDev	.16331	.132011	12.891	.48357	112.31	3.2614	10.653
%RSD	1.247099	3.463741	.9394072	.9907357	.7165289	.5967109	.5393465
#1	12.97977	3.904581	1363.112	48.46732	15594.55	544.2554	1967.659
#2	13.21072	3.717889	1381.342	49.15119	15753.37	548.8677	1982.725

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	198.3034	.7466142	51.24126	9.333250	18.64310	2.080301	1.113236
SDev	1.5874	.4434662	.04373	.211433	.51681	.172187	1.622534
%RSD	.8004676	59.39697	.0853471	2.265372	2.772100	8.277032	145.7494
#1	197.1809	.4330362	51.27218	9.183744	19.00853	2.202056	2.260541
#2	199.4258	1.060192	51.21034	9.482756	18.27766	1.958546	-.034069

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.041322	14.93842	20.49186	2.664736	.9085734	21.93937	103.3404
SDev	.117308	.09327	.82139	.095861	.3249269	.63306	.7953
%RSD	1.458821	.6243810	4.008354	3.597391	35.76232	2.885475	.7695520
#1	8.124271	14.87247	21.07266	2.732520	1.138331	21.49174	102.7780
#2	7.958372	15.00437	19.91105	2.596952	.6788154	22.38701	103.9027

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1871.985	3.501758	5.770762	503.8249
SDev	9.398	.490086	.039879	2.3711
%RSD	.5020522	13.99542	.6910469	.4706112
#1	1865.339	3.155215	5.742564	502.1483
#2	1878.630	3.848301	5.798961	505.5015

Method: STL3 Sample Name: 220-7944-A-42-B DU Operator: NP
Run Time: 02/06/09 12:33:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2544827	12938.63	3.614581	1.593600	42.36530	.7168887	527.2420
SDev	.1511904	11.60	3.885354	.391711	.12289	.0498216	3.4936
%RSD	59.41087	.0896455	107.4911	24.58024	.2900614	6.949695	.6626149
#1	.1475749	12946.83	6.361941	1.316619	42.45219	.6816595	524.7717
#2	.3613904	12930.43	.8672206	1.870581	42.27840	.7521179	529.7123

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.00975	5.053956	1530.637	55.71395	21202.82	883.2618	2818.416
SDev	.06022	.182053	8.536	.21367	34.95	.0000	7.327
%RSD	.3761294	3.602191	.5576732	.3835156	.1648267	.0000000	.2599716
#1	16.05233	5.182687	1524.601	55.86504	21227.54	883.2618	2813.235
#2	15.96717	4.925225	1536.672	55.56287	21178.11	883.2618	2823.597

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	251.4181	1.328973	83.51057	13.21402	22.56675	2.131811	1.986803
SDev	.7415	.042235	.15306	.29205	1.35076	.476493	.603870
%RSD	.2949158	3.178019	.1832836	2.210158	5.985638	22.35158	30.39408
#1	251.9424	1.358838	83.40234	13.00751	23.52189	2.468743	2.413803
#2	250.8938	1.299108	83.61880	13.42053	21.61162	1.794879	1.559802

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.771823	19.43141	24.13127	.2641588	5.871522	27.81465	130.9981
SDev	1.700347	.02706	2.03864	1.903204	2.381496	.40316	4.3520
%RSD	25.10914	.1392468	8.448129	720.4774	40.56011	1.449457	3.322167
#1	7.974150	19.41227	25.57281	1.609927	4.187551	28.09973	127.9208
#2	5.569496	19.45054	22.68973	-1.08161	7.555494	27.52957	134.0754

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2117.205	4.081606	7.380715	665.3523
SDev	3.930	1.301298	.008072	1.3175
%RSD	.1856303	31.88201	.1093656	.1980147
#1	2114.426	3.161449	7.386423	666.2839
#2	2119.984	5.001763	7.375008	664.4207

Method: STL3 Sample Name: 220-7944-A-42-C MS Operator: NP
Run Time: 02/06/09 12:39:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.58002	15112.97	20.54903	209.7166	457.3515	11.47503	2833.485
SDev	.15209	103.81	3.06463	2.7322	2.8218	.11438	29.612
%RSD	1.437567	.6868711	14.91374	1.302803	.6169877	.9968010	1.045085
#1	10.47247	15039.56	18.38201	207.7846	455.3562	11.39414	2812.546
#2	10.68756	15186.37	22.71605	211.6485	459.3468	11.55591	2854.424

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.90330	108.9602	2143.848	112.8030	21600.58	2626.724	4744.157
SDev	.23094	.0825	20.220	.2799	195.55	19.569	31.008
%RSD	.5936131	.0757231	.9431499	.2480966	.9053169	.7449849	.6536130
#1	38.74000	109.0186	2129.550	112.6051	21462.30	2612.887	4722.230
#2	39.06659	108.9019	2158.145	113.0009	21738.86	2640.561	4766.083

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	379.3431	211.3366	2360.809	114.3972	33.77422	18.78842	189.8977
SDev	3.9475	3.8011	19.155	.5927	1.11713	1.28696	.7800
%RSD	1.040615	1.798619	.8113846	.5181440	3.307650	6.849744	.4107709
#1	376.5518	208.6488	2347.264	113.9781	34.56415	19.69843	189.3461
#2	382.1344	214.0244	2374.354	114.8164	32.98428	17.87840	190.4493

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.58946	32.19352	34.56243	17.46087	21.44648	134.0863	233.1538
SDev	1.86335	.63260	1.99061	2.07662	.29474	1.5235	1.1897
%RSD	8.248748	1.964977	5.759469	11.89300	1.374289	1.136234	.5102841
#1	21.27188	31.74621	35.97001	18.92927	21.23807	133.0090	232.3125
#2	23.90705	32.64083	33.15486	15.99248	21.65489	135.1636	233.9951

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2266.447	208.7447	10.28730	869.2318
SDev	13.832	1.4382	.09136	8.0243
%RSD	.6102907	.6889700	.8880479	.9231443
#1	2256.666	207.7277	10.22270	863.5578
#2	2276.227	209.7616	10.35190	874.9058

Method: STL3 Sample Name: 220-7944-A-42-A PDS Operator: NP
Run Time: 02/06/09 12:44:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.18793	12654.89	46.06963	202.5511	2045.085	53.36097	10495.79
SDev	.02808	2.14	1.05214	1.6219	6.108	.01231	28.95
%RSD	.0538002	.0169484	2.283796	.8007269	.2986605	.0230609	.2757981
#1	52.16807	12653.37	45.32566	203.6979	2040.766	53.35227	10516.25
#2	52.20778	12656.40	46.81361	201.4042	2049.404	53.36968	10475.32

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	64.08855	520.6974	1527.143	300.5977	16067.03	9592.500	11941.96
SDev	.15563	1.6995	1.943	.3708	3.47	11.415	47.06
%RSD	.2428429	.3263957	.1272304	.1233598	.0215708	.1190015	.3940948
#1	63.97849	521.8991	1528.516	300.3355	16064.58	9600.572	11908.68
#2	64.19859	519.4956	1525.769	300.8599	16069.48	9584.429	11975.24

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	719.8256	204.1243	10997.53	514.8253	37.94902	51.31616	299.9467
SDev	.4490	1.1192	7.81	.3669	.08509	1.34111	5.6295
%RSD	.0623790	.5483061	.0709777	.0712648	.2242346	2.613418	1.876845
#1	720.1431	203.3329	11003.05	514.5659	38.00919	50.36786	295.9660
#2	719.5081	204.9157	10992.01	515.0848	37.88885	52.26447	303.9274

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.13082	34.53048	39.65514	50.36020	53.22986	535.6926	608.8972
SDev	.90977	1.54155	.64204	1.44690	1.12905	.5413	.0765
%RSD	1.745168	4.464323	1.619066	2.873103	2.121079	.1010453	.0125599
#1	52.77412	35.62052	39.20114	49.33709	52.43150	535.3098	608.8431
#2	51.48751	33.44044	40.10913	51.38331	54.02822	536.0753	608.9512

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2003.699	209.1974	5.754664	692.7279
SDev	.233	.2130	.028602	.6976
%RSD	.0116399	.1018010	.4970147	.1006988
#1	2003.534	209.3480	5.734439	693.2212
#2	2003.864	209.0468	5.774888	692.2347

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 02/06/09 12:50:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.77357	4748.960	505.3567	484.4746	487.6515	492.9159	18910.37
SDev	.06731	42.168	1.4704	2.6134	.8602	3.9814	186.49
%RSD	.1275415	.8879449	.2909554	.5394233	.1763943	.8077247	.9861846
#1	52.82116	4719.143	504.3170	482.6267	488.2597	490.1006	18778.50
#2	52.72597	4778.777	506.3964	486.3226	487.0432	495.7312	19042.24

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.6724	505.3251	509.3486	484.5389	5043.236	18619.99	18673.86
SDev	.2481	4.7782	2.9861	.1798	8.040	107.63	73.79
%RSD	.0497513	.9455638	.5862683	.0371025	.1594261	.5780091	.3951759
#1	498.8478	501.9464	507.2371	484.6661	5037.551	18543.89	18621.68
#2	498.4970	508.7038	511.4601	484.4118	5048.921	18696.09	18726.04

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.4021	504.3677	20983.99	491.0887	488.2817	477.8080	486.8190
SDev	.3970	.1267	125.91	4.8698	.0406	.1918	2.1522
%RSD	.0771797	.0251189	.6000184	.9916416	.0083173	.0401498	.4420989
#1	514.1214	504.2782	20894.96	487.6452	488.2530	477.9436	485.2972
#2	514.6829	504.4573	21073.02	494.5322	488.3105	477.6723	488.3409

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480.1916	490.0713	487.3875	475.7495	481.9298	497.9048	502.6428
SDev	7.7197	1.2933	.7062	.5356	1.6490	2.4218	7.1849
%RSD	1.607619	.2639014	.1448995	.1125702	.3421650	.4863960	1.429433
#1	474.7330	490.9858	486.8881	475.3709	483.0958	496.1923	497.5622
#2	485.6503	489.1568	487.8869	476.1282	480.7638	499.6173	507.7233

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	528.5046	492.3422	501.2801	494.3315
SDev	2.2574	5.8506	.6880	.3268
%RSD	.4271375	1.188322	.1372418	.0661041
#1	526.9084	488.2052	500.7937	494.5626
#2	530.1009	496.4792	501.7666	494.1005

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 02/06/09 12:56:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2538365	-.454112	-1.53797	1.160249	.0514923	.0354238	-.000001
SDev	.0563001	3.894181	.14902	.409357	.0409619	.0749947	.831808
%RSD	22.17969	857.5379	9.689547	35.28182	79.54951	211.7073	87e6
#1	.2936467	-3.20771	-1.64335	1.449709	.0804567	-.017606	.5881763
#2	.2140263	2.299490	-1.43260	.8707904	.0225279	.0884531	-.588178

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1322754	.1776313	.7370623	-.271465	10.25306	16.14317	4.180504
SDev	.1776411	.5821127	.1403506	.102078	7.23111	3.26138	2.128806
%RSD	134.2964	327.7085	19.04189	37.60256	70.52632	20.20282	50.92223
#1	.2578867	.5892472	.8363052	-.343645	15.36623	18.44931	5.685797
#2	.0066642	-.233985	.6378195	-.199285	5.139896	13.83703	2.675211

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.073775	2.941660	-15.3229	.2394298	-.689648	-2.38747	6.531830
SDev	.031271	2.027274	.3280	.4399451	.090425	1.24269	4.490666
%RSD	42.38753	68.91599	2.140593	183.7470	13.11175	52.05050	68.75050
#1	-.051662	4.375159	-15.0910	.5505180	-.625708	-1.50875	9.707211
#2	-.095887	1.508161	-15.5548	-.071658	-.753588	-3.26618	3.356450

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.114419	-5.29331	1.608133	-4.75192	2.347428	.7438846	-.558850
SDev	1.682613	1.42745	.848225	1.64546	.436077	.6343879	.078215
%RSD	40.89553	26.96707	52.74594	34.62732	18.57681	85.28042	13.99566
#1	5.304206	-6.30267	2.207918	-3.58840	2.655781	.2953046	-.503544
#2	2.924631	-4.28395	1.008347	-5.91543	2.039075	1.192465	-.614156

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-4.95223	5.188165	.0084833	.3617140
SDev	.54282	3.001700	.0119798	.2965796
%RSD	10.96112	57.85668	141.2157	81.99285
#1	-4.56840	7.310688	.0169543	.5714275
#2	-5.33607	3.065643	.0000123	.1520006

Method: STL3 Sample Name: 220-7944-A-42-A SD@5 Operator: NP
Run Time: 02/06/09 13:02:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1194376	2056.281	-1.41598	.3989401	6.629635	.1556338	91.75565
SDev	.1624021	2.677	.48664	.0408598	.022756	.0876863	.49909
%RSD	135.9723	.1301962	34.36779	10.24209	.3432506	56.34145	.5439326
#1	.0046020	2058.174	-1.76009	.4278323	6.613543	.0936302	91.40273
#2	.2342732	2054.388	-1.07187	.3700478	6.645726	.2176374	92.10855

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.834874	.7102774	274.9969	9.696534	3110.092	108.3898	390.5893
SDev	.103643	.0580065	.8899	.337753	15.920	6.5228	2.8398
%RSD	3.655994	8.166732	.3235895	3.483238	.5118959	6.017909	.7270441
#1	2.908160	.6692607	274.3677	9.457707	3098.835	103.7775	388.5813
#2	2.761587	.7512942	275.6261	9.935362	3121.350	113.0021	392.5973

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39.58682	.4778330	-6.12298	1.770114	3.457996	-4.78321	3.642530
SDev	.25067	.6546404	.04373	.281047	.201816	2.51985	1.169930
%RSD	.6332070	137.0019	.7142587	15.87732	5.836227	52.68113	32.11860
#1	39.40957	.9407337	-6.09206	1.968844	3.600702	-3.00141	4.469795
#2	39.76407	.0149323	-6.15391	1.571384	3.315290	-6.56501	2.815265

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.925228	.7268522	4.820920	-7.42689	.5109077	4.241857	20.42601
SDev	.845127	2.759847	1.075281	4.32122	1.088310	.421470	.47327
%RSD	28.89096	379.6985	22.30448	58.18346	213.0150	9.935976	2.316981
#1	2.327634	2.678359	4.060582	-4.37133	-.258644	3.943832	20.76066
#2	3.522823	-1.22465	5.581259	L-10.4825	1.280459	4.539881	20.09136

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	353.4906	3.997117	1.188564	101.0951
SDev	1.6298	.516092	.003989	.3521
%RSD	.4610499	12.91161	.3355823	.3482934
#1	354.6430	3.632185	1.185743	100.8461
#2	352.3382	4.362049	1.191384	101.3441

Method: STL3 Sample Name: 220-7944-A-43-A Operator: NP
Run Time: 02/06/09 13:07:51
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2672952	8522.038	5.131008	.3960249	21.85849	.5552133	542.8875
SDev	.2018606	19.421	2.706000	.3986249	.04096	.0630308	1.3309
%RSD	75.51973	.2278865	52.73817	100.6565	.1873933	11.35253	.2451554
#1	.1245582	8508.306	3.217577	.1141546	21.82952	.5106438	541.9464
#2	.4100322	8535.771	7.044438	.6778953	21.88745	.5997828	543.8286

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.905735	3.657634	1147.683	37.06810	19319.77	450.8556	1363.035
SDev	.110735	.096605	3.336	.03353	113.74	1.6307	5.919
%RSD	5.810634	2.641187	.2907150	.0904443	.5887407	.3616988	.4342513
#1	1.984037	3.725944	1145.324	37.04439	19239.35	449.7025	1358.850
#2	1.827433	3.589324	1150.042	37.09181	19400.20	452.0087	1367.220

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	188.6669	1.926265	36.33583	7.460823	39.56209	.0558112	.1993052
SDev	.9711	.295644	.61227	.481449	.08028	2.714682	.3114303
%RSD	.5147374	15.34806	1.685021	6.453026	.2029147	4864.048	156.2580
#1	187.9802	1.717212	35.90289	7.120388	39.50532	-1.86376	.4195197
#2	189.3536	2.135317	36.76877	7.801259	39.61885	1.975381	-.020909

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.878144	37.33445	40.67343	-.676762	1.522055	19.99562	93.67493
SDev	2.351710	1.12046	.43903	3.908191	.323938	.47780	.39164
%RSD	48.20911	3.001132	1.079405	577.4843	21.28293	2.389542	.4180791
#1	6.541054	36.54217	40.98387	-3.44027	1.292996	20.33348	93.39800
#2	3.215234	38.12674	40.36299	2.086747	1.751114	19.65776	93.95186

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1939.994	7.804419	4.544135	382.4559
SDev	8.486	.792408	.011969	1.6420
%RSD	.4374404	10.15332	.2634026	.4293201
#1	1933.993	7.244103	4.535671	381.2949
#2	1945.995	8.364737	4.552599	383.6170

Method: STL3 Sample Name: 220-7944-A-44-A Operator: NP
Run Time: 02/06/09 13:13:35
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1726638	4848.193	2.153637	-.218464	14.24406	.4237993	63.52313
SDev	.0507497	54.949	1.494715	.979625	.10468	.0130434	3.16087
%RSD	29.39222	1.133396	69.40420	448.4157	.7349026	3.077720	4.975928
#1	.1367783	4809.338	3.210560	-.911163	14.17004	.4145762	61.28806
#2	.2085493	4887.048	1.096715	.4742360	14.31808	.4330223	65.75820

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8197619	3.036790	71.04317	10.57180	9805.406	371.2928	871.9770
SDev	.2008089	.144762	1.32200	.02259	180.803	13.0456	8.0605
%RSD	24.49600	4.766950	1.860841	.2137266	1.843913	3.513570	.9243956
#1	.6777686	2.934428	70.10838	10.55582	9677.560	362.0682	866.2773
#2	.9617553	3.139153	71.97797	10.58778	9933.254	380.5175	877.6766

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	155.6292	.7167495	6.354899	4.995119	3.575659	.1789088	-1.17688
SDev	2.9971	.1478221	1.377598	.053266	.538597	.6098304	1.69586
%RSD	1.925789	20.62395	21.67773	1.066358	15.06289	340.8610	144.0981
#1	153.5099	.8212755	5.380791	4.957454	3.194813	-.252306	.0222753
#2	157.7484	.6122235	7.329008	5.032783	3.956505	.6101240	-2.37603

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.934303	3.180973	3.771907	-.500432	1.538629	8.878899	25.43053
SDev	.615164	1.215187	.200810	.570953	2.974944	.071194	.54294
%RSD	20.96456	38.20174	5.323833	114.0922	193.3503	.8018312	2.134984
#1	2.499317	2.321706	3.629913	-.096707	-.564974	8.828557	25.04662
#2	3.369289	4.040239	3.913901	-.904157	3.642231	8.929240	25.81445

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1372.702	-.349972	1.514350	191.2022
SDev	18.984	.824843	.007932	2.3020
%RSD	1.382997	235.6880	.5237804	1.203962
#1	1359.278	-.933225	1.508741	189.5745
#2	1386.126	.2332797	1.519959	192.8300

Method: STL3 Sample Name: 220-7944-A-45-A Operator: NP
Run Time: 02/06/09 13:22:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4544405	42986.84	41.15478	2.389565	112.5461	1.208196	1246.583
SDev	.0057593	212.71	5.02042	.355052	.5826	.012184	4.658
%RSD	1.267349	.4948307	12.19887	14.85843	.5176260	1.008472	.3736682
#1	.4503681	42836.43	44.70475	2.138505	112.1342	1.216812	1243.289
#2	.4585130	43137.25	37.60481	2.640624	112.9580	1.199581	1249.877

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	147.0404	1.164447	27570.80	727.9000	40874.15	984.7332	3328.343
SDev	.8333	.331570	86.74	3.3185	279.72	3.2614	27.206
%RSD	.5667309	28.47443	.3145958	.4558992	.6843481	.3311955	.8173986
#1	146.4512	.9299917	27509.47	725.5535	40676.36	982.4270	3309.106
#2	147.6296	1.398902	27632.13	730.2465	41071.94	987.0393	3347.581

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	279.8945	3.061118	90.19019	24.09982	131.2940	3.272654	21.30363
SDev	1.0756	.253409	.72160	.13200	2.1229	.844270	1.23069
%RSD	.3842929	8.278324	.8000899	.5477381	1.616926	25.79773	5.776892
#1	279.1339	2.881931	89.67994	24.00648	129.7929	2.675664	22.17386
#2	280.6551	3.240305	90.70044	24.19317	132.7952	3.869643	20.43341

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-14.9527	131.3509	131.2651	1.080901	7.661640	62.00424	591.0497
SDev	3.5632	1.3629	2.5024	1.023382	.485650	.02667	2.0395
%RSD	23.82987	1.037585	1.906362	94.67868	6.338726	.0430206	.3450700
#1	L-12.4332	130.3872	129.4956	.3572600	7.318233	62.02311	589.6075
#2	L-17.4723	132.3146	133.0345	1.804541	8.005047	61.98538	592.4918

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2588.197	11.01514	19.86435	776.1294
SDev	13.113	4.13018	.03989	1.4526
%RSD	.5066288	37.49544	.2008280	.1871627
#1	2578.925	8.094665	19.83614	775.1022
#2	2597.468	13.93562	19.89256	777.1566

Method: STL3 Sample Name: 220-7944-A-46-A Operator: NP
Run Time: 02/06/09 13:28:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0762853	15106.51	5.966896	.6431994	31.12710	.8976744	431.4868
SDev	.2633347	58.45	.133629	.1247166	.11378	.0120676	1.4973
%RSD	345.1971	.3868981	2.239508	19.39003	.3655432	1.344315	.3470029
#1	-.109920	15065.18	5.872406	.5550115	31.04664	.9062074	430.4280
#2	.2624911	15147.84	6.061386	.7313874	31.20756	.8891413	432.5455

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.62152	5.371206	1439.174	37.62591	21774.40	770.2596	2196.581
SDev	.18252	.416403	5.901	.32655	105.60	6.5227	.479
%RSD	1.570577	7.752513	.4100061	.8678853	.4849569	.8468236	.0218250
#1	11.75058	5.076764	1435.001	37.39500	21699.73	765.6474	2196.242
#2	11.49245	5.665648	1443.346	37.85681	21849.07	774.8719	2196.920

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	218.9797	1.881468	40.30958	11.05294	13.65213	-1.36742	1.951753
SDev	1.0025	.908050	.50294	.40555	1.24700	.45120	1.446384
%RSD	.4578020	48.26285	1.247682	3.669135	9.134108	32.99633	74.10693
#1	218.2708	2.523556	39.95395	11.33970	12.77037	-1.04837	.9290047
#2	219.6886	1.239379	40.66521	10.76617	14.53389	-1.68647	2.974501

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.581473	11.23271	14.85913	-3.78522	3.474438	29.87907	84.32343
SDev	3.529396	.18244	1.96065	1.02803	.704195	.18783	.31473
%RSD	136.7202	1.624214	13.19493	27.15903	20.26787	.6286181	.3732380
#1	.0858131	11.36172	13.47274	-3.05829	2.976498	30.01188	84.10088
#2	5.077133	11.10370	16.24552	-4.51215	3.972379	29.74626	84.54597

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2201.418	-.353222	5.666270	566.9015
SDev	7.489	2.823656	.035961	1.8901
%RSD	.3401905	799.3995	.6346450	.3334050
#1	2196.122	-2.34985	5.640842	565.5650
#2	2206.713	1.643404	5.691699	568.2380

Method: STL3 Sample Name: 220-7944-A-47-A Operator: NP
Run Time: 02/06/09 13:34:00
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1530887	25173.65	13.63820	1.943504	50.44315	1.079287	956.0232
SDev	.0222648	15.52	3.83980	.072454	.00455	.012357	2.9945
%RSD	14.54373	.0616371	28.15473	3.727999	.0090211	1.144918	.3132292
#1	.1688323	25162.68	10.92305	1.892271	50.43994	1.070550	953.9057
#2	.1373451	25184.62	16.35335	1.994736	50.44637	1.088025	958.1406

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8535185	7.617784	1521.522	53.31307	41262.66	880.9556	2785.310
SDev	.1554781	.188843	.890	.12311	62.32	.0000	9.222
%RSD	18.21613	2.478978	.0584835	.2309125	.1510241	.0000000	.3310910
#1	.7435789	7.484252	1522.151	53.22602	41218.59	880.9556	2778.789
#2	.9634581	7.751316	1520.893	53.40012	41306.72	880.9556	2791.831

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	304.7184	1.776942	85.61340	16.82071	25.99184	3.914374	1.146803
SDev	.3029	1.309281	.59040	.06750	1.11640	.254851	.281147
%RSD	.0993985	73.68172	.6896129	.4012731	4.295180	6.510642	24.51573
#1	304.9326	.8511401	86.03088	16.86844	25.20243	4.094581	1.345604
#2	304.5042	2.702743	85.19593	16.77299	26.78126	3.734167	.9480019

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.300064	23.01396	27.47800	2.463235	6.820009	44.33451	196.0876
SDev	.120500	.94181	1.20363	.434697	.105383	.49122	.4687
%RSD	1.451798	4.092354	4.380332	17.64742	1.545198	1.107987	.2390147
#1	8.385271	22.34800	26.62691	2.770612	6.745492	44.68185	195.7562
#2	8.214858	23.67992	28.32909	2.155857	6.894526	43.98716	196.4190

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2681.190	1.015533	14.36478	669.9074
SDev	2.993	1.424967	.03605	.9270
%RSD	.1116211	140.3171	.2509895	.1383707
#1	2683.306	.0079294	14.39028	670.5629
#2	2679.074	2.023137	14.33929	669.2519

Method: STL3 Sample Name: 220-7903-A-3-B Operator: NP
Run Time: 02/06/09 13:39:44
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.17682	H103355.6	50.44664	645.2203	1194.036	15.29259	99488.41
SDev	.07192	796.8	2.69573	5.1447	1.752	.17987	1632.01
%RSD	.2974558	.7708924	5.343723	.7973546	.1467557	1.176186	1.640400
#1	24.22767	H102792.2	48.54047	641.5825	1192.797	15.16540	98334.40
#2	24.12596	H103918.9	52.35281	648.8582	1195.275	15.41977	H100642.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	228.1328	63.90138	567.5211	25390.56	H205804.5	15706.15	10299.51
SDev	1.3464	.06076	7.4438	96.26	1180.7	216.88	39.55
%RSD	.5901876	.0950907	1.311639	.3791081	.5737117	1.380883	.3839952
#1	227.1808	63.85841	562.2576	25322.50	H204969.6	15552.79	10271.55
#2	229.0849	63.94434	572.7847	25458.62	H206639.4	15859.51	10327.48

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1269.582	46.27515	14656.47	1326.436	4746.697	3.484616	55.93752
SDev	8.125	1.05587	195.95	2.736	53.490	1.681150	3.19496
%RSD	.6399539	2.281721	1.336934	.2062462	1.126892	48.24493	5.711654
#1	1263.836	45.52853	14517.91	1324.501	4708.874	4.673368	53.67835
#2	1275.326	47.02176	14795.02	1328.370	4784.520	2.295863	58.19670

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.11271	4798.736	4720.716	-.909277	12.28439	186.7491	27759.11
SDev	5.33630	42.912	58.772	3.995879	2.95526	2.7143	456.30
%RSD	40.69561	.8942323	1.244974	439.4568	24.05702	1.453445	1.643802
#1	9.339374	4768.393	4679.158	1.916237	10.19471	184.8298	27436.46
#2	16.88604	4829.080	4762.274	-3.73479	14.37408	188.6684	28081.77

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5420.263	1163.362	570.4067	3054.780
SDev	89.767	10.659	4.0968	21.069
%RSD	1.656138	.9162090	.7182183	.6897022
#1	5356.788	1155.825	567.5098	3039.882
#2	5483.737	1170.898	573.3035	3069.678

Method: STL3 Sample Name: 220-7946-A-1-A Operator: NP
Run Time: 02/06/09 13:45:27
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7510718	14960.90	6.644823	7.168077	91.89768	.9767921	1933.927
SDev	.1120821	74.05	.703555	.703860	.12744	.0625253	.832
%RSD	14.92295	.4949851	10.58801	9.819370	.1386774	6.401092	.0430083
#1	.6718178	14908.54	7.142312	7.665782	91.80756	.9325800	1934.515
#2	.8303258	15013.27	6.147335	6.670373	91.98779	1.021004	1933.338

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	68.32839	8.689396	322.7236	102.4164	27317.34	719.5240	2187.607
SDev	.18641	.547156	.8080	.1912	1.16	3.2614	13.247
%RSD	.2728175	6.296822	.2503792	.1866596	.0042316	.4532708	.6055490
#1	68.46021	9.076294	323.2949	102.5516	27316.52	717.2178	2178.240
#2	68.19658	8.302499	322.1522	102.2812	27318.16	721.8301	2196.974

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	384.5917	15.15627	51.59689	55.32977	172.5445	.9058663	.9859039
SDev	.3759	.12670	.19679	.79816	3.9515	1.821576	1.119479
%RSD	.0977481	.8359856	.3814069	1.442546	2.290119	201.0867	113.5485
#1	384.3258	15.24586	51.45773	54.76539	175.3386	-.382183	.1943127
#2	384.8575	15.06667	51.73604	55.89415	169.7503	2.193915	1.777495

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.037549	169.9464	173.8407	.2274442	2.263647	32.21246	266.4916
SDev	2.033941	1.9645	4.9435	1.784168	1.896648	.04913	.0760
%RSD	28.90127	1.155949	2.843677	784.4418	83.78728	.1525283	.0285194
#1	5.599336	171.3355	177.3363	-1.03415	.9225140	32.17772	266.4379
#2	8.475762	168.5573	170.3452	1.489041	3.604779	32.24721	266.5454

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2244.602	18.63857	20.94143	526.9613
SDev	10.645	4.18386	.03201	.3263
%RSD	.4742303	22.44732	.1528615	.0619249
#1	2252.129	21.59701	20.91880	527.1920
#2	2237.075	15.68013	20.96407	526.7305

Method: STL3 Sample Name: 220-7946-A-2-A Operator: NP
Run Time: 02/06/09 13:51:11
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3706752	13989.67	3.878333	4.068436	91.68527	.9825932	1488.676
SDev	.0727088	53.11	.400586	.337289	.32770	.0626687	5.656
%RSD	19.61522	.3796100	10.32883	8.290387	.3574141	6.377889	.3799574
#1	.4220881	14027.23	3.595075	3.829937	91.45356	1.026907	1484.677
#2	.3192624	13952.12	4.161590	4.306935	91.91699	.9382797	1492.676

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.13353	7.411740	149.4132	50.74249	21868.55	672.2476	2135.865
SDev	.12269	.031896	.1052	.31483	50.87	4.8921	8.046
%RSD	.2779938	.4303405	.0704294	.6204563	.2326120	.7277212	.3767140
#1	44.04677	7.389187	149.3388	50.51986	21904.52	675.7068	2130.175
#2	44.22028	7.434294	149.4876	50.96511	21832.58	668.7883	2141.554

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	296.0406	1.523093	35.65550	22.32062	89.94607	.7006028	.7076078
SDev	.7519	.401231	.26240	.02225	.08068	2.652047	.7141041
%RSD	.2539872	26.34320	.7359394	.0996994	.0896973	378.5379	100.9181
#1	295.5089	1.239379	35.84105	22.30489	89.88903	2.575883	.2026600
#2	296.5723	1.806806	35.46995	22.33636	90.00313	-1.17468	1.212556

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.514086	88.17100	90.83164	1.329652	-.560585	28.69997	135.8567
SDev	.544677	.93756	.34720	2.895769	2.163588	.23188	.0040
%RSD	8.361529	1.063345	.3822438	217.7840	385.9519	.8079374	.0029703
#1	6.128941	87.50804	91.07715	3.377269	.9693031	28.53601	135.8538
#2	6.899231	88.83395	90.58614	-.717966	-2.09047	28.86393	135.8595

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2212.099	8.246798	20.34564	550.6559
SDev	9.551	.031538	.03211	.1744
%RSD	.4317596	.3824270	.1578349	.0316797
#1	2205.345	8.269098	20.36835	550.7792
#2	2218.852	8.224497	20.32293	550.5325

Method: STL3 Sample Name: 220-7946-A-3-A Operator: NP
Run Time: 02/06/09 13:56:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3980857	13485.74	5.528709	3.828743	68.18547	.9473021	1432.682
SDev	.2523621	34.62	2.600241	.077848	.35500	.0619091	6.322
%RSD	63.39392	.2567151	47.03161	2.033255	.5206455	6.535309	.4412530
#1	.2196387	13461.26	3.690061	3.773696	67.93445	.9910785	1428.212
#2	.5765327	13510.22	7.367357	3.883790	68.43650	.9035258	1437.152

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.74139	7.275576	121.7379	44.33947	23595.60	665.3291	2164.163
SDev	.33008	.161738	.2800	.21386	206.54	1.6307	17.991
%RSD	1.518207	2.223027	.2299896	.4823194	.8753505	.2451026	.8313305
#1	21.50799	7.389942	121.5399	44.18825	23449.56	664.1760	2151.441
#2	21.97479	7.161210	121.9359	44.49069	23741.65	666.4822	2176.885

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	327.5490	1.687348	33.72274	24.33298	61.73170	-.573814	-1.06141
SDev	2.5376	.549053	.15306	.54776	1.71976	2.370401	.20866
%RSD	.7747119	32.53943	.4538892	2.251121	2.785868	413.0957	19.65920
#1	325.7547	2.075587	33.61451	23.94565	60.51565	1.102313	-1.20896
#2	329.3433	1.299108	33.83098	24.72030	62.94776	-2.24994	-.913861

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.555559	60.32371	62.43404	-2.01308	2.308032	31.29825	91.43993
SDev	1.601688	2.61117	1.27473	2.94902	1.211417	.31169	.77830
%RSD	21.19880	4.328597	2.041720	146.4934	52.48703	.9958568	.8511561
#1	6.422995	58.47734	61.53267	.0721986	3.164633	31.51864	90.88959
#2	8.688124	62.17009	63.33541	-4.09835	1.451430	31.07785	91.99027

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2204.615	1.209399	13.63087	552.3242
SDev	10.167	2.508619	.06785	2.8917
%RSD	.4611881	207.4269	.4977750	.5235429
#1	2197.426	2.983260	13.58289	550.2795
#2	2211.805	-.564462	13.67884	554.3690

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 02/06/09 14:02:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.96309	4838.868	507.2472	487.9695	494.0526	498.9981	18999.89
SDev	.44867	31.701	1.3820	3.1357	3.8140	6.3479	249.88
%RSD	.8471404	.6551333	.2724459	.6425958	.7719765	1.272134	1.315141
#1	52.64583	4816.452	506.2700	485.7523	491.3557	494.5095	18823.20
#2	53.28035	4861.284	508.2244	490.1868	496.7495	503.4868	19176.58

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.7793	505.1881	509.9713	488.2706	5056.844	19003.97	18952.31
SDev	1.3794	5.6942	6.4409	2.1700	36.712	99.47	165.34
%RSD	.2765478	1.127150	1.262995	.4444219	.7259774	.5234318	.8723863
#1	497.8039	501.1617	505.4169	486.7362	5030.885	18933.63	18835.39
#2	499.7546	509.2146	514.5258	489.8050	5082.803	19074.31	19069.22

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.1324	502.4116	21405.50	497.3932	490.4105	482.0262	485.9080
SDev	2.4860	4.6247	120.55	7.6945	6.0557	2.5353	5.4298
%RSD	.4844770	.9205089	.5631760	1.546963	1.234823	.5259664	1.117458
#1	511.3746	499.1414	21320.26	491.9524	486.1285	480.2335	482.0685
#2	514.8903	505.6818	21490.75	502.8340	494.6926	483.8189	489.7475

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480.1549	492.5890	489.3219	479.9692	486.1454	502.1986	507.0513
SDev	4.1630	2.3037	7.9289	1.0706	5.4691	7.0572	8.2122
%RSD	.8670192	.4676690	1.620386	.2230487	1.124996	1.405260	1.619607
#1	477.2111	490.9601	483.7153	479.2122	482.2781	497.2083	501.2443
#2	483.0986	494.2180	494.9285	480.7262	490.0126	507.1887	512.8582

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	535.3431	489.3422	505.6472	494.9547
SDev	6.7327	3.3680	2.1223	1.9522
%RSD	1.257635	.6882783	.4197136	.3944120
#1	530.5825	486.9606	504.1465	493.5743
#2	540.1039	491.7237	507.1479	496.3351

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 02/06/09 14:08:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2220145	-19.3376	-.401113	.5234878	.0418375	.3098789	.1176348
SDev	.1682565	1.0250	.148054	.5284940	.0182053	.0376264	.3327219
%RSD	75.78626	5.300476	36.91088	100.9563	43.51427	12.14230	282.8431
#1	.3409898	-18.6128	-.505803	.8971895	.0547106	.3364848	.3529047
#2	.1030392	-20.0624	-.296423	.1497861	.0289644	.2832730	-.117635

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.090175	.2181151	.5300691	.1664303	17.36537	10.37775	4.849649
SDev	.044426	.3318594	.4800767	.2255601	2.25783	4.89216	.236311
%RSD	49.26704	152.1488	90.56871	135.5283	13.00190	47.14079	4.872744
#1	-.058760	-.016545	.1906036	.0069352	18.96189	13.83703	4.682552
#2	-.121589	.4527752	.8695346	.3259253	15.76884	6.918477	5.016746

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.044228	1.836671	-16.1888	.1042973	-.719941	.0389822	5.961846
SDev	.031327	1.520455	1.0277	.5184317	1.918433	.3453460	2.533843
%RSD	70.83211	82.78323	6.348427	497.0709	266.4709	885.9058	42.50098
#1	-.022076	2.911795	-15.4621	-.262289	-2.07648	-.205214	7.753543
#2	-.066380	.7615464	-16.9155	.4708839	.6365961	.2831787	4.170148

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.392562	-4.74206	1.287504	-1.83606	3.793496	.8569668	-.056180
SDev	2.731218	.11476	2.933508	.93151	2.902885	.0093007	.316986
%RSD	196.1289	2.420112	227.8446	50.73399	76.52269	1.085306	564.2308
#1	-.538700	-4.66091	-.786799	-1.17739	1.740846	.8503903	-.280323
#2	3.323825	-4.82321	3.361807	-2.49473	5.846145	.8635434	.1679627

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-5.69129	5.081130	.0226197	.3643814
SDev	2.68971	3.031885	.0079912	.2707052
%RSD	47.26018	59.66951	35.32830	74.29170
#1	-3.78938	7.224996	.0282703	.5557989
#2	-7.59321	2.937263	.0169691	.1729640

Method: STL3 Sample Name: 220-7946-A-4-A Operator: NP
Run Time: 02/06/09 14:14:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3275845	12662.68	8.024591	2.680794	64.12080	1.003086	1053.072
SDev	.1345180	28.65	1.201096	.429552	.13199	.099923	5.823
%RSD	41.06360	.2262465	14.96769	16.02332	.2058445	9.961609	.5529219
#1	.4227030	12642.42	7.175288	2.984533	64.02747	1.073742	1048.955
#2	.2324659	12682.94	8.873894	2.377055	64.21413	.9324291	1057.190

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.72246	7.172119	147.4169	82.89380	27529.09	551.1738	1748.909
SDev	.16845	.461316	.0703	.13522	4.44	3.2614	1.893
%RSD	1.436960	6.432081	.0476547	.1631251	.0161439	.5917175	.1082643
#1	11.60335	7.498319	147.3672	82.79819	27532.23	548.8677	1747.570
#2	11.84157	6.845919	147.4666	82.98942	27525.95	553.4800	1750.248

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	301.5423	2.135316	21.21394	31.16053	69.53593	.1700433	.4875786
SDev	.1985	.549053	.43734	.05463	.37493	.5944295	.7538387
%RSD	.0658162	25.71297	2.061550	.1753020	.5391931	349.5754	154.6086
#1	301.4019	2.523556	20.90470	31.12190	69.80106	.5903684	1.020623
#2	301.6826	1.747077	21.52318	31.19915	69.27082	-.250282	-.045466

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.913503	67.99388	70.30502	.2107068	.0873928	33.76128	154.3657
SDev	1.822369	.38732	.36875	1.189511	.5975210	.39750	.3153
%RSD	18.38270	.5696387	.5244933	564.5338	683.7187	1.177390	.2042860
#1	11.20211	68.26775	70.56576	1.051818	-.335118	33.48021	154.1427
#2	8.624893	67.72000	70.04427	-.630405	.5099039	34.04236	154.5887

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2236.603	3.910534	12.62367	449.4819
SDev	5.508	.880513	.01612	1.2383
%RSD	.2462760	22.51645	.1276779	.2754901
#1	2232.708	3.287917	12.63506	448.6064
#2	2240.498	4.533151	12.61227	450.3575

Method: STL3 Sample Name: 220-7946-A-5-A Operator: NP
Run Time: 02/06/09 14:19:50
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4231499	23024.62	4.860281	5.316882	140.9988	1.371774	1825.114
SDev	.0224163	76.64	.334167	.116997	.2867	.000151	9.649
%RSD	5.297486	.3328473	6.875457	2.200480	.2033588	.0110423	.5286748
#1	.4390006	22970.44	5.096572	5.234153	140.7961	1.371881	1818.291
#2	.4072992	23078.82	4.623989	5.399611	141.2016	1.371667	1831.937

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.217027	13.09949	114.8932	31.91646	35284.27	1146.165	4008.559
SDev	.003707	.11881	.4684	.10113	2.25	6.523	16.553
%RSD	.0878952	.9069787	.4076669	.3168738	.0063722	.5691040	.4129319
#1	4.214405	13.18350	114.5620	31.84495	35282.68	1141.553	3996.854
#2	4.219647	13.01548	115.2244	31.98797	35285.86	1150.777	4020.263

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	445.1284	1.836671	74.07872	38.74318	66.28426	-.564446	-.414693
SDev	.4804	.084470	.24054	.17990	2.58162	.004063	2.122130
%RSD	.1079278	4.599066	.3247057	.4643336	3.894764	.7198809	511.7347
#1	445.4681	1.776942	73.90863	38.61597	64.45878	-.561572	1.085879
#2	444.7886	1.896400	74.24880	38.87038	68.10973	-.567319	-1.91527

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.960928	63.80618	67.52058	-2.02920	2.368167	47.66529	150.8882
SDev	2.310238	.75756	4.24863	.65399	1.297873	.83103	.2349
%RSD	46.56867	1.187277	6.292346	32.22866	54.80498	1.743471	.1556855
#1	6.594513	64.34185	64.51635	-1.56677	1.450432	48.25291	150.7221
#2	3.327343	63.27050	70.52482	-2.49164	3.285902	47.07766	151.0543

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2988.269	2.291604	25.98563	980.6749
SDev	3.101	2.699212	.02020	1.0199
%RSD	.1037845	117.7870	.0777332	.1039973
#1	2990.462	4.200234	25.99991	981.3961
#2	2986.076	.3829726	25.97134	979.9538

Method: STL3 Sample Name: 220-7946-A-6-A Operator: NP
Run Time: 02/06/09 14:25:34
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9822249	20985.99	10.80971	7.798541	70.21620	1.155298	2869.128
SDev	.2913945	3.72	.74499	.177575	.19571	.012323	5.490
%RSD	29.66678	.0177158	6.891851	2.277035	.2787207	1.066649	.1913445
#1	.7761779	20988.62	10.28292	7.924106	70.07781	1.164012	2865.246
#2	1.188272	20983.36	11.33650	7.672976	70.35458	1.146584	2873.010

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	68.67075	8.858040	345.7253	103.0020	30594.47	727.5956	2324.316
SDev	.18725	.156728	1.0068	.4276	18.44	4.8921	10.651
%RSD	.2726750	1.769334	.2912134	.4151712	.0602769	.6723636	.4582335
#1	68.53835	8.968863	345.0134	102.6996	30581.42	724.1363	2316.785
#2	68.80315	8.747216	346.4372	103.3044	30607.50	731.0548	2331.847

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	344.0755	3.927190	69.84211	61.96269	111.1808	1.100707	.3682352
SDev	1.2219	.168939	.41547	1.01370	1.6719	2.087478	.3487783
%RSD	.3551318	4.301788	.5948773	1.635982	1.503729	189.6489	94.71617
#1	343.2115	4.046648	69.54833	62.67948	112.3630	-.375364	.1216117
#2	344.9395	3.807732	70.13590	61.24589	109.9986	2.576777	.6148588

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.900497	112.9750	110.2842	-.938509	5.184260	39.52267	161.9209
SDev	5.947063	.2953	2.6540	3.568408	.878827	1.20800	.3946
%RSD	75.27454	.2614284	2.406497	380.2210	16.95183	3.056474	.2436841
#1	12.10571	112.7662	112.1609	-3.46175	5.805685	38.66849	161.6419
#2	3.695289	113.1839	108.4076	1.584736	4.562836	40.37686	162.1999

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2481.143	5.065523	27.26165	613.3516
SDev	10.530	2.089745	.08786	1.3864
%RSD	.4243854	41.25427	.3222929	.2260329
#1	2473.697	6.543196	27.19952	612.3713
#2	2488.588	3.587851	27.32378	614.3319

Method: STL3 Sample Name: 220-7946-A-7-A Operator: NP
Run Time: 02/06/09 14:31:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6004009	26575.73	9.509873	7.454029	157.0676	1.703334	2360.473
SDev	.0952946	89.36	1.969572	.103296	.1001	.012454	4.492
%RSD	15.87183	.3362333	20.71081	1.385768	.0637548	.7311526	.1902976
#1	.6677843	26512.55	8.117176	7.380988	157.1384	1.712140	2357.296
#2	.5330174	26638.92	10.90257	7.527070	156.9968	1.694528	2363.649

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	73.78037	14.53638	230.8557	64.88757	41557.82	1269.545	4531.241
SDev	.19586	.54884	.7263	.02210	61.80	8.154	2.137
%RSD	.2654683	3.775608	.3146314	.0340627	.1487152	.6422433	.0471659
#1	73.91887	14.14830	230.3421	64.87194	41601.52	1263.779	4532.752
#2	73.64188	14.92447	231.3693	64.90320	41514.12	1275.310	4529.730

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.8830	2.837134	95.66375	47.16692	170.9951	-.005628	-.129788
SDev	1.3471	.908050	1.42132	.60686	1.6178	.370851	1.337154
%RSD	.2657662	32.00589	1.485750	1.286629	.9461358	6588.865	1030.258
#1	507.8356	2.195046	94.65872	47.59604	169.8511	-.267860	-1.07530
#2	505.9305	3.479222	96.66878	46.73780	172.1391	.2566028	.8157222

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.757849	171.2466	170.8689	-2.60726	5.204437	58.60830	285.0883
SDev	1.524595	2.7672	3.8071	.29599	.520800	.01036	1.0253
%RSD	19.65230	1.615938	2.228087	11.35251	10.00685	.0176733	.3596401
#1	6.679797	173.2034	168.1769	-2.81655	4.836176	58.60098	285.8133
#2	8.835900	169.2899	173.5609	-2.39796	5.572699	58.61563	284.3633

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2599.734	4.398852	24.80086	1079.690
SDev	15.496	1.031603	.07989	.296
%RSD	.5960515	23.45165	.3221213	.0274534
#1	2588.777	5.128306	24.74437	1079.480
#2	2610.692	3.669398	24.85735	1079.900

Method: STL3 Sample Name: 220-7946-A-8-A Operator: NP
Run Time: 02/06/09 14:37:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6551844	17806.90	6.408420	6.005540	84.24142	1.130921	1957.336
SDev	.1233132	33.68	3.206181	.346543	.39597	.050470	19.298
%RSD	18.82114	.1891408	50.03076	5.770386	.4700387	4.462706	.9859279
#1	.5679888	17783.08	4.141307	5.760497	84.52141	1.095233	1943.690
#2	.7423800	17830.71	8.675532	6.250583	83.96143	1.166608	1970.982

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	59.19247	8.546783	176.7497	40.78425	27061.86	1120.797	2967.234
SDev	.62117	.055290	1.6273	.13498	56.16	6.523	.951
%RSD	1.049408	.6469092	.9206848	.3309491	.2075287	.5819850	.0320571
#1	58.75324	8.507687	175.5991	40.87969	27022.15	1116.185	2966.561
#2	59.63171	8.585878	177.9004	40.68881	27101.57	1125.409	2967.907

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	325.8880	1.881468	41.25277	32.83121	79.49681	-2.28576	-.847147
SDev	.7937	.105587	.21866	1.04728	.08315	.35272	.145851
%RSD	.2435446	5.611960	.5300604	3.189895	.1045954	15.43101	17.21672
#1	325.3268	1.956129	41.09815	33.57175	79.55561	-2.03635	-.950279
#2	326.4492	1.806806	41.40739	32.09067	79.43802	-2.53516	-.744015

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.691132	77.75708	80.36458	-4.55716	2.262864	35.49427	149.4623
SDev	1.557185	.35482	.05248	1.40632	1.757662	.40122	.7869
%RSD	92.07946	.4563200	.0653031	30.85963	77.67423	1.130392	.5264555
#1	.5900359	78.00798	80.32747	-3.56274	1.020009	35.21056	148.9059
#2	2.792229	77.50619	80.40169	-5.55158	3.505718	35.77798	150.0187

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2511.145	5.743042	15.95558	775.0738
SDev	9.412	.208901	.01959	1.8499
%RSD	.3748082	3.637457	.1227774	.2386681
#1	2504.490	5.890757	15.94173	773.7658
#2	2517.800	5.595326	15.96944	776.3819

Method: STL3 Sample Name: MB 220-24079/1-A Operator: NP
Run Time: 02/06/09 14:42:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1426217	L-12.7227	-1.61815	3.247743	.0386192	.1506508	-.588178
SDev	.1232016	1.3252	.20727	.117982	.0045513	.0123592	.332724
%RSD	86.38347	10.41619	12.80917	3.632739	11.78511	8.203891	56.56861
#1	.0555051	L-13.6597	-1.47159	3.164317	.0354010	.1419115	-.823450
#2	.2297384	L-11.7856	-1.76472	3.331168	.0418375	.1593901	-.352907

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.046358	.6012758	.1077432	.1669267	20.50644	-.000011	5.686033
SDev	.029081	.0921894	.0704091	.0898513	6.15912	.000000	1.419137
%RSD	62.73043	15.33229	65.34898	53.82682	30.03507	.0000000	24.95830
#1	-.066921	.5360881	.0579565	.2304612	24.86160	-.000011	4.682552
#2	-.025795	.6664636	.1575300	.1033922	16.15128	-.000011	6.689515

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.014710	.5524944	L-12.2150	-.413607	.2410058	-4.73902	-.192185
SDev	.010493	.2111744	.4811	.325910	.5396560	1.97353	.508493
%RSD	71.32877	38.22200	3.938318	78.79700	223.9183	41.64428	264.5858
#1	-.022129	.7018172	L-12.5552	-.183154	-.140589	-3.34352	.1673743
#2	-.007291	.4031715	L-11.8749	-.644060	.6226002	-6.13452	-.551743

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.978940	-1.87284	1.295746	-6.88229	-.447040	.6472172	1.561943
SDev	5.112568	.02240	.820265	1.96276	1.995112	.5526437	.237136
%RSD	171.6237	1.196238	63.30441	28.51893	446.2942	85.38767	15.18209
#1	-.636192	-1.85700	.7157317	-5.49442	.9637178	.2564391	1.394263
#2	6.594071	-1.88869	1.875761	-8.27017	-1.85780	1.037995	1.729624

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	15.82912	.5159124	-.042404	.8780528
SDev	.49432	1.001072	.003992	.4635070
%RSD	3.122833	194.0392	9.414349	52.78805
#1	15.47959	1.223777	-.045227	1.205802
#2	16.17866	-.191952	-.039581	.5503039

Method: STL3 Sample Name: LCS 220-24079/2-A Operator: NP
Run Time: 02/06/09 14:48:29
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	319.6837	5922.087	1012.965	1050.147	308.0753	111.3907	30843.31
SDev	1.7822	40.709	1.418	8.472	1.9025	.9646	387.46
%RSD	.5574761	.6874105	.1399564	.8067348	.6175323	.8659565	1.256212
#1	318.4235	5893.301	1011.962	1044.157	306.7300	110.7086	30569.33
#2	320.9439	5950.873	1013.967	1056.138	309.4205	112.0728	31117.28

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	309.1519	311.9420	318.3080	312.2744	25405.19	19287.62	15390.38
SDev	1.2561	2.4681	3.0565	3.0128	128.08	96.21	154.21
%RSD	.4062991	.7912042	.9602260	.9647855	.5041335	.4988281	1.001999
#1	308.2637	310.1968	316.1467	310.1440	25314.63	19219.59	15281.33
#2	310.0401	313.6872	320.4692	314.4047	25495.76	19355.66	15499.42

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.8483	1070.809	31705.40	308.3456	1016.413	505.2572	1053.789
SDev	.9715	5.828	151.69	3.2765	5.548	.1431	9.719
%RSD	.4521622	.5442955	.4784389	1.062591	.5458294	.0283248	.9222590
#1	214.1613	1066.688	31598.14	306.0288	1012.490	505.1560	1046.917
#2	215.5352	1074.930	31812.66	310.6624	1020.336	505.3584	1060.661

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1008.081	1020.306	1014.468	505.2225	505.3256	317.1547	313.9983
SDev	3.197	7.943	4.352	.7306	1.8932	3.1098	3.3880
%RSD	.3171628	.7785085	.4289936	.1446108	.3746466	.9805305	1.078993
#1	1005.821	1014.689	1011.391	505.7391	503.9870	314.9557	311.6026
#2	1010.342	1025.923	1017.546	504.7059	506.6643	319.3536	316.3940

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1061.922	1088.666	-.656193	1069.865
SDev	9.955	3.177	.020134	3.411
%RSD	.9374344	.2917831	3.068282	.3187831
#1	1054.883	1090.912	-.641956	1067.453
#2	1068.961	1086.420	-.670429	1072.276

Method: STL3 Sample Name: LB 220-24028/1-B Operator: NP
Run Time: 02/06/09 14:54:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.039222	L-17.8147	.3592209	3.594197	.3379183	.1505751	-5.76414
SDev	.627292	1.7313	1.168759	.138690	.0910264	.0374413	2.32906
%RSD	1599.327	9.718609	325.3594	3.858718	26.93740	24.86555	40.40609
#1	-.482785	L-19.0389	1.185658	3.692266	.2735529	.1241000	-7.41103
#2	.4043401	L-16.5904	-.467216	3.496129	.4022837	.1770501	-4.11724

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.000677	.5652897	.4305394	.6908121	12.00588	49.58257	5.689436
SDev	.245097	.7580984	.4568495	.4055802	4.69349	14.67633	5.677151
%RSD	36178.09	134.1079	106.1110	58.71065	39.09327	29.59978	99.78406
#1	-.173987	.0292333	.1074980	.4040235	8.687082	39.20484	1.675084
#2	.1726323	1.101346	.7535808	.9776006	15.32468	59.96031	9.703788

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5169655	3.359764	H153049.3	-.498127	-.683782	6.295641	-1.64152
SDev	.1358393	1.309281	830.5	1.630916	2.339096	.765326	.20431
%RSD	26.27628	38.96944	.5426192	327.4094	342.0822	12.15645	12.44614
#1	.4209126	4.285565	H152462.0	-1.65136	.9702088	6.836808	-1.49706
#2	.6130184	2.433962	H153636.5	.6551045	-2.33777	5.754473	-1.78599

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.462561	-1.77018	-.142146	8.858967	1.160289	.8551840	5.078036
SDev	2.587091	7.45618	.215539	2.299085	2.306797	.8938842	1.895341
%RSD	57.97324	421.2097	151.6324	25.95207	198.8123	104.5254	37.32430
#1	6.291911	3.502132	-.294555	10.48467	-.470863	.2231124	3.737827
#2	2.633211	-7.04250	.0102633	7.233269	2.791440	1.487256	6.418245

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	27.47887	-.492035	.0227432	.6392775
SDev	.89825	1.697579	.0319436	.1410293
%RSD	3.268880	345.0115	140.4537	22.06073
#1	26.84371	-1.69240	.0001556	.7390003
#2	28.11403	.7083340	.0453308	.5395547

Method: STL3 Sample Name: 220-7868-A-14-B @5 Operator: NP
Run Time: 02/06/09 14:59:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	89.47137	-6.83498	444.0338	17.57773	376.9430	100.2420	182.0996
SDev	.11751	6.19203	3.2723	.05835	1.3608	.5758	1.8300
%RSD	.1313375	90.59320	.7369412	.3319471	.3610223	.5744233	1.004933
#1	89.38827	-2.45656	441.7200	17.53647	375.9807	99.83488	180.8057
#2	89.55446	L-11.2134	446.3477	17.61899	377.9053	100.6492	183.3936

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	283.6754	.5771420	285.1362	.8973408	23.12391	27.67401	40.64046
SDev	.0955	.3334702	.9840	.2364911	2.27401	.00000	1.18229
%RSD	.0336762	57.77958	.3451021	26.35466	9.834010	.0000000	2.909148
#1	283.6079	.3413430	284.4404	.7301163	24.73188	27.67401	39.80445
#2	283.7430	.8129410	285.8320	1.064565	21.51594	27.67401	41.47647

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2141760	.4181037	47055.81	.3266794	289.3284	338.0595	220.1747
SDev	.0416262	.4434662	10.98	.0892704	.3458	.6642	.7121
%RSD	19.43553	106.0661	.0233329	27.32662	.1195353	.1964828	.3234162
#1	.2436102	.7316817	47048.04	.3898032	289.0838	338.5292	220.6782
#2	.1847418	.1045258	47063.57	.2635557	289.5729	337.5898	219.6712

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	232.1163	287.4000	290.2905	338.1300	337.9173	.3962468	324.5001
SDev	2.5934	1.5530	1.2939	.9715	.0490	1.609045	1.2643
%RSD	1.117265	.5403656	.4457144	.2873077	.0144897	406.0714	.3896156
#1	230.2825	288.4982	289.3756	338.8169	337.9519	-.741520	323.6061
#2	233.9500	286.3019	291.2054	337.4431	337.8827	1.534013	325.3941

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	55.40857	-.020529	.3779247	.3769572
SDev	.22106	1.030745	.0039606	.0147008
%RSD	.3989634	5021.002	1.047998	3.899870
#1	55.25225	.7083182	.3751241	.3665621
#2	55.56488	-.749376	.3807253	.3873523

Method: STL3 Sample Name: 220-7903-A-3-C Operator: NP
Run Time: 02/06/09 15:05:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1292127	478.8943	2.167529	99.59923	75.27853	.2213631	6702.161
SDev	.1180170	5.3218	2.976727	2.24754	.18206	.0875762	161.870
%RSD	91.33546	1.111276	137.3328	2.256581	.2418461	39.56223	2.415188
#1	.0457620	475.1312	4.272393	98.00998	75.14980	.1594374	6587.702
#2	.2126632	482.6574	.0626651	101.1885	75.40727	.2832888	6816.620

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	281.4608	8.560781	71.16601	25202.88	9033.071	1608.551	1179.278
SDev	6.1149	.732173	1.84968	185.97	185.508	11.415	5.701
%RSD	2.172549	8.552642	2.599108	.7378827	2.053652	.7096421	.4833990
#1	277.1369	8.043057	69.85809	25071.38	8901.897	1600.480	1175.247
#2	285.7846	9.078506	72.47393	25334.38	9164.245	1616.623	1183.309

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	194.6832	-.836208	H154103.6	350.8899	3894.330	1.135285	7.980388
SDev	3.8012	.147822	886.8	5.5424	63.911	.044519	1.521561
%RSD	1.952531	17.67765	.5754573	1.579520	1.641138	3.921397	19.06626
#1	191.9953	-.731682	H153476.5	346.9709	3849.137	1.103806	6.904482
#2	197.3711	-.940734	H154730.6	354.8090	3939.522	1.166765	9.056294

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.600174	3917.928	3882.547	.6177510	2.170707	.3826406	39514.00
SDev	1.319861	44.242	73.731	1.838858	3.816928	1.029608	899.02
%RSD	28.69154	1.129223	1.899039	297.6697	175.8380	269.0795	2.275187
#1	3.666892	3886.644	3830.411	1.918020	-.528268	-.345402	38878.30
#2	5.533457	3949.212	3934.683	-.682518	4.869683	1.110683	40149.70

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	516.6220	3.975146	37.94647	.2518384
SDev	8.7871	2.610980	.28053	.1375811
%RSD	1.700882	65.68263	.7392839	54.63071
#1	510.4086	2.128904	37.74810	.1545539
#2	522.8355	5.821387	38.14484	.3491230

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 02/06/09 15:11:25
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.70534	4846.340	512.4330	492.9656	494.6287	505.7363	19297.15
SDev	.69008	41.644	9.1643	3.4917	2.1346	2.4048	135.92
%RSD	1.284934	.8592883	1.788388	.7083019	.4315499	.4754974	.7043413
#1	53.21738	4816.893	505.9528	490.4966	493.1193	504.0359	19201.04
#2	54.19330	4875.787	518.9131	495.4346	496.1381	507.4367	19393.26

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.7885	507.5186	516.7180	487.0035	5095.561	18925.56	19102.86
SDev	3.5610	3.6819	3.2661	3.7780	30.463	109.26	123.25
%RSD	.7054350	.7254763	.6320848	.7757551	.5978389	.5772949	.6452090
#1	502.2705	504.9151	514.4086	484.3321	5074.021	18848.30	19015.71
#2	507.3064	510.1221	519.0275	489.6749	5117.102	19002.81	19190.02

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.1477	509.3551	21079.97	503.5951	493.0095	489.6731	488.6527
SDev	4.8039	4.6881	164.90	5.8337	3.1344	4.7075	6.1474
%RSD	.9235675	.9203948	.7822440	1.158405	.6357728	.9613468	1.258025
#1	516.7509	506.0402	20963.37	499.4701	490.7931	486.3444	484.3059
#2	523.5446	512.6701	21196.56	507.7202	495.2258	493.0018	492.9996

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	479.0351	494.9291	492.0504	490.4671	488.0815	505.9609	518.2167
SDev	4.3624	1.7514	5.5737	6.4029	1.3113	2.6452	2.8412
%RSD	.9106560	.3538621	1.132756	1.305463	.2686691	.5228111	.5482570
#1	475.9505	496.1675	488.1092	485.9396	487.1543	504.0905	516.2076
#2	482.1198	493.6907	495.9916	494.9946	489.0088	507.8314	520.2256

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	528.4977	491.7267	506.9135	498.6738
SDev	7.0213	6.7961	3.3964	4.2032
%RSD	1.328532	1.382099	.6700098	.8428701
#1	523.5330	486.9211	504.5118	495.7017
#2	533.4625	496.5324	509.3150	501.6459

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 02/06/09 15:17:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0874288	-16.7116	.4002672	.2200029	.0643654	.1859690	-1.29399
SDev	.0674902	1.0184	5.273333	.2551138	.0500645	.0375353	.66545
%RSD	77.19453	6.094243	1317.453	115.9593	77.78175	20.18363	51.42586
#1	.1351516	-15.9915	-3.32854	.0396102	.0997663	.1594275	-.823450
#2	.0397060	-17.4318	4.129077	.4003956	.0289644	.2125104	-1.76453

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.053760	.3060110	.4554083	.1820281	12.22674	12.68393	4.515171
SDev	.105079	.2088540	.2576517	.1792653	6.71583	1.63073	1.655783
%RSD	195.4587	68.25047	56.57599	98.48218	54.92742	12.85670	36.67154
#1	.0205419	.1583289	.6375955	.3087878	16.97555	11.53082	5.685986
#2	-.128063	.4536930	.2732210	.0552684	7.477930	13.83703	3.344356

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.044287	2.433962	2.040988	-.666749	-.014432	-2.12885	5.015811
SDev	.031354	2.238448	3.148798	.685383	.470244	1.28328	2.761789
%RSD	70.79658	91.96726	154.2781	102.7948	3258.328	60.28050	55.06165
#1	-.022117	4.016784	4.267524	-.182110	.3180808	-3.03626	6.968691
#2	-.066457	.8511401	-.185548	-1.15139	-.346945	-1.22143	3.062932

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8454114	-4.55078	2.249741	-4.05114	1.720500	.2036700	-.335509
SDev	3.500221	.61047	.400235	2.08144	.315429	.2755438	.079673
%RSD	414.0258	13.41471	17.79025	51.37909	18.33357	135.2894	23.74698
#1	-1.62962	-4.11911	2.532749	-5.52293	1.943542	.3985089	-.391846
#2	3.320441	-4.98245	1.966732	-2.57934	1.497458	.0088311	-.279171

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-7.52413	3.408895	.0113382	.2647775
SDev	2.74544	.121679	.0079842	.2409237
%RSD	36.48842	3.569455	70.41811	90.99098
#1	-5.58282	3.494935	.0169839	.4351363
#2	-9.46545	3.322855	.0056926	.0944188

Method: STL3 Sample Name: 220-7903-A-4-B Operator: NP
Run Time: 02/06/09 15:22:55
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3424122	429.9743	3.546626	121.0490	52.06194	.4625552	48280.29
SDev	.5102307	7.6738	.036689	2.5806	.42782	.0251369	1477.62
%RSD	149.0106	1.784700	1.034471	2.131874	.8217536	5.434349	3.060512
#1	-.018375	424.5482	3.520683	119.2242	51.75943	.4803297	47235.45
#2	.7031998	435.4005	3.572569	122.8737	52.36446	.4447808	49325.12

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.140119	-.163392	1.031354	.2306001	331.5847	1489.784	5879.498
SDev	.104376	.638663	.291738	.0450790	1.0634	9.784	71.689
%RSD	74.49089	390.8772	28.28689	19.54855	.3207156	.6567572	1.219302
#1	-.213924	-.614996	.8250638	.1987245	330.8327	1482.865	5828.806
#2	-.066314	.2882109	1.237643	.2624758	332.3367	1496.702	5930.190

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	189.4554	.6868849	H152554.0	-.102838	1.170360	3.627189	-1.32352
SDev	4.0519	.1900569	443.4	.982723	1.592209	3.368905	.90181
%RSD	2.138727	27.66940	.2906440	955.6018	136.0444	92.87921	68.13718
#1	186.5902	.5524944	H152240.5	-.797728	.0444983	1.245014	-1.96119
#2	192.3205	.8212755	H152867.6	.5920518	2.296222	6.009364	-.685843

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.541709	.7678078	1.370635	5.163532	.5488887	2.639538	18.42787
SDev	4.475546	1.228363	3.000239	4.380344	1.342988	1.565191	.94695
%RSD	98.54320	159.9831	218.8941	84.83233	244.6741	59.29793	5.138677
#1	7.706398	1.636391	-.750855	2.066161	-.400748	1.532781	17.75828
#2	1.377021	-.100776	3.492125	8.260903	1.498525	3.746296	19.09746

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4837.226	-.473957	68.48135	10.54336
SDev	88.251	2.546815	.71280	.26869
%RSD	1.824419	537.3515	1.040865	2.548459
#1	4774.822	-2.27483	67.97733	10.35337
#2	4899.628	1.326913	68.98538	10.73336

Method: STL3 Sample Name: 220-7903-A-5-B Operator: NP
Run Time: 02/06/09 15:28:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1904809	-5.16094	2.106467	239.5424	28.95155	.0177437	78116.05
SDev	.1905132	3.38116	.454093	.1361	.04096	.0500344	456.00
%RSD	100.0169	65.51448	21.55709	.0568256	.1414824	281.9832	.5837411
#1	.3251941	-7.55179	1.785375	239.6386	28.92259	-.017636	77793.61
#2	.0557677	-2.77010	2.427559	239.4461	28.98052	.0531234	78438.48

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.279892	.5820275	.9230304	.0310782	193.2259	401.2730	1549.077
SDev	.128992	.7916185	.3162412	.0113335	2.7474	.0000	8.042
%RSD	46.08650	136.0105	34.26119	36.46757	1.421841	.0000000	.5191340
#1	-.371103	1.141786	.6994141	.0230642	195.1685	401.2730	1543.391
#2	-.188680	.0222687	1.146647	.0390922	191.2832	401.2730	1554.763

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.03524	1.836671	H154279.2	-.161614	-.755977	3.492241	-3.33150
SDev	.06270	.126705	213.9	.013503	.885951	.320613	.71525
%RSD	.3680507	6.898599	.1386302	8.354938	117.1929	9.180730	21.46920
#1	16.99091	1.926264	H154128.0	-.152066	-1.38244	3.265534	-3.83725
#2	17.07958	1.747077	H154430.5	-.171162	-.129515	3.718949	-2.82574

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.228547	-3.93790	.8319976	3.476005	3.523762	.0879115	4303.596
SDev	.912162	.11356	1.384956	1.308353	1.657832	.4525564	25.811
%RSD	399.1128	2.883687	166.4615	37.63956	47.04722	514.7862	.5997572
#1	.4164486	-3.85760	-.147314	2.550860	4.696026	-.232094	4285.344
#2	-.873544	-4.01819	1.811309	4.401150	2.351498	.4079172	4321.847

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	138.2130	5.084448	47.14706	.1957678
SDev	1.1500	1.091268	.01842	.0201032
%RSD	.8320632	21.46287	.0390589	10.26888
#1	139.0262	4.312805	47.13403	.2099829
#2	137.3998	5.856091	47.16008	.1815528

Method: STL3 Sample Name: 220-7903-A-9-B Operator: NP
Run Time: 02/06/09 15:34:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4365565	40.28957	3.150149	132.5880	11.91725	.3275890	2536.337
SDev	.0784657	4.21384	.602409	.4889	.00910	.0876349	24.622
%RSD	17.97379	10.45888	19.12321	.3687347	.0763854	26.75147	.9707504
#1	.3810728	43.26920	3.576117	132.2423	11.91081	.2656218	2518.927
#2	.4920401	37.30994	2.724181	132.9337	11.92369	.3895563	2553.748

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.342363	1.139163	1.701286	35.96122	119.8649	531.5714	207.8124
SDev	.061468	.000436	.222458	.13504	.2774	1.6307	.9469
%RSD	2.624172	.0382782	13.07587	.3755227	.2314591	.3067771	.4556592
#1	2.298899	1.138854	1.543984	36.05671	119.6687	530.4183	207.1428
#2	2.385827	1.139471	1.858588	35.86573	120.0611	532.7245	208.4820

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.86124	.0746611	H152510.2	.2264905	11.94208	2.333174	-3.80631
SDev	.13577	.2111744	10.5	.1011375	2.32421	.017317	.87590
%RSD	.8559657	282.8438	.0068533	44.65419	19.46238	.7421988	23.01191
#1	15.76524	-.074662	H152502.8	.2980055	10.29862	2.345419	-4.42566
#2	15.95725	.2239840	H152517.6	.1549755	13.58555	2.320929	-3.18695

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.011410	10.41449	12.70427	3.699626	-.405035	.9796311	252.2107
SDev	2.171307	1.04785	2.96144	.277600	.504031	.1282856	2.9996
%RSD	54.12828	10.06147	23.31058	7.503467	124.4416	13.09529	1.189324
#1	2.476064	9.673551	10.61021	3.895919	-.761439	.8889195	250.0897
#2	5.546755	11.15544	14.79832	3.503333	-.048631	1.070343	254.3318

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	129.0628	-1.36900	13.00537	.4382751
SDev	.9400	1.00041	.02348	.0000964
%RSD	.7283526	73.07604	.1805214	.0220026
#1	129.7275	-2.07639	12.98877	.4382069
#2	128.3981	-.661600	13.02197	.4383433

Method: STL3 Sample Name: 220-7903-A-1-B Operator: NP
Run Time: 02/06/09 15:40:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0633449	L-21.7943	-.828796	3.649918	1.078120	.0796466	L-19.0569
SDev	.0000007	4.7070	1.855371	.254868	.009103	.0376545	.4991
%RSD	.0010729	21.59723	223.8636	6.982831	.8443129	47.27695	2.618913
#1	.0633445	L-18.4660	.4831502	3.830136	1.071684	.0530208	L-19.4098
#2	.0633454	L-25.1227	-2.14074	3.469699	1.084557	.1062723	L-18.7040

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.214559	.3014384	.0580957	6.514539	10.45091	16.14317	1.337345
SDev	.022647	.3338361	.3749102	.157377	1.94369	3.26138	.473223
%RSD	10.55499	110.7477	645.3325	2.415776	18.59829	20.20282	35.38528
#1	-.198545	.0653807	.3231972	6.625821	9.076515	18.44931	1.002726
#2	-.230572	.5374961	-.207006	6.403257	11.82531	13.83703	1.671965

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.088581	.1343905	21.41495	-.175443	16.56312	-1.58301	1.562043
SDev	.031246	.4223488	10.38666	.686923	1.12313	1.59882	.551366
%RSD	35.27424	314.2700	48.50192	391.5363	6.780935	100.9986	35.29774
#1	-.110675	.4330362	28.75942	-.661171	15.76895	-2.71355	1.172168
#2	-.066486	-.164255	14.07047	.3102849	17.35730	-.452476	1.951917

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.095510	12.68181	18.50028	-2.45291	.1583830	.3221901	4.241879
SDev	1.891333	.65320	1.35775	1.09048	2.617040	.9121631	.868198
%RSD	1980.256	5.150675	7.339074	44.45649	1652.349	283.1134	20.46731
#1	1.241865	12.21992	17.54020	-3.22399	-1.69214	.9671867	3.627970
#2	-1.43288	13.14369	19.46035	-1.68182	2.008910	-.322807	4.855788

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12.32372	.4503418	-.203199	-.021208
SDev	.16993	.0000389	.008009	.000048
%RSD	1.378892	.0086429	3.941265	.2259402
#1	12.20356	.4503143	-.197536	-.021242
#2	12.44388	.4503693	-.208862	-.021175

Method: STL3 Sample Name: 220-7903-A-2-B Operator: NP
Run Time: 02/06/09 15:45:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0237593	L-18.4607	-1.74341	2.170178	.1480404	.0618982	L-22.4684
SDev	.1792812	5.9512	.56386	.195341	.0045513	.0125430	.0000
%RSD	754.5709	32.23730	32.34231	9.001153	3.074379	20.26394	.0000000
#1	-.103012	L-14.2526	-2.14212	2.032051	.1512587	.0530290	L-22.4684
#2	.1505303	L-22.6689	-1.34470	2.308305	.1448221	.0707675	L-22.4684

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0069292	.3238399	.5052522	.1192412	9.258938	-5.76540	5.852611
SDev	.1112800	.2436805	.1874219	.0000224	3.093515	4.89211	.710002
%RSD	1605.965	75.24721	37.09472	.0188040	33.41112	84.85297	12.13138
#1	-.071758	.4961480	.6377796	.1192253	7.071493	-9.22464	5.350563
#2	.0856160	.1515318	.3727249	.1192571	11.44638	-2.30615	6.354658

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.118085	.4629006	-2.70586	-.437585	3.781098	-.964486	.6015783
SDev	.073072	.1689397	1.24640	.471803	1.533715	1.181295	.4358775
%RSD	61.88081	36.49589	46.06294	107.8199	40.56270	122.4791	72.45565
#1	-.169755	.5823590	-1.82453	-.771200	4.865598	-1.79979	.9097902
#2	-.066415	.3434422	-3.58720	-.103969	2.696597	-.129185	.2933664

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.241726	1.423589	4.957385	-2.63516	2.380877	.6822408	2.623552
SDev	5.323073	3.422589	.590694	1.50676	.529391	.3043783	.473574
%RSD	428.6832	240.4197	11.91544	57.17897	22.23514	44.61450	18.05086
#1	5.005708	3.843725	5.375069	-3.70060	2.006541	.8974688	2.288685
#2	-2.52225	-.996547	4.539701	-1.56972	2.755213	.4670128	2.958420

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10.54182	-.835871	-.222922	-.042301
SDev	.84198	1.515777	.003999	.037048
%RSD	7.987083	181.3410	1.793929	87.58185
#1	11.13720	-1.90769	-.225750	-.016104
#2	9.946449	.2359450	-.220094	-.068497

Method: STL3 Sample Name: 220-7903-A-6-B Operator: NP
Run Time: 02/06/09 15:51:34
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3128408	L-20.7839	12.86136	7.116939	2.452321	.0531024	-4.11724
SDev	.0167709	4.5186	1.11175	.020965	.022757	.0500965	.66545
%RSD	5.360830	21.74093	8.644113	.2945769	.9279616	94.33945	16.16246
#1	.3009820	L-17.5887	12.07524	7.131763	2.436230	.0176788	-4.58778
#2	.3246996	L-23.9790	13.64749	7.102114	2.468413	.0885260	-3.64670

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0385776	.7734425	.3562495	.1351770	489.8352	36.89864	8.362992
SDev	.1236599	.1511015	.0233751	.0676159	13.1256	.00000	.946515
%RSD	320.5485	19.53624	6.561443	50.02024	2.679600	.0000000	11.31790
#1	.1260183	.6665975	.3397208	.0873654	480.5540	36.89864	7.693705
#2	-.048863	.8802874	.3727782	.1829886	499.1164	36.89864	9.032280

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1625145	-.403172	169.8662	-1.40024	36.21973	13.28429	L-11.9360
SDev	.0730990	.380114	2.7989	.06433	.00201	.37686	.9691
%RSD	44.97998	94.28088	1.647732	4.593932	.0055483	2.836863	8.119375
#1	.1108257	-.134391	167.8870	-1.44573	36.21831	13.01781	L-12.6212
#2	.2142033	-.671953	171.8453	-1.35476	36.22116	13.55076	L-11.2507

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.88370	34.65106	37.00230	15.38930	9.066938	.7020679	15.26900
SDev	1.82506	.35027	.17789	1.36750	3.870816	.0041882	.07857
%RSD	96.88712	1.010851	.4807414	8.886074	42.69154	.5965544	.5145885
#1	-3.17421	34.89874	36.87651	16.35627	6.329858	.7050294	15.21344
#2	-.593185	34.40339	37.12808	14.42232	11.80402	.6991063	15.32456

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1126.305	148.9694	.7748951	.2181747
SDev	37.765	2.4255	.0159823	.0514862
%RSD	3.353009	1.628216	2.062511	23.59860
#1	1099.602	147.2543	.7635939	.1817685
#2	1153.009	150.6846	.7861963	.2545810

Method: STL3 Sample Name: 220-7903-A-7-C Operator: NP
Run Time: 02/06/09 15:57:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1000.454	17004.43	2.206689	23517.63	.6018164	.0264846	156.5728
SDev	5.126	14.37	.814447	35.32	.0182053	.0625748	.0000
%RSD	.5123593	.0845237	36.90810	.1501945	3.025057	236.2688	.0000000
#1	996.8297	16994.27	2.782589	23492.65	.6146895	-.017762	156.5728
#2	1004.079	17014.59	1.630788	23542.61	.5889433	.0707316	156.5728

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.183707	.4702202	.7863064	.2385009	20.50524	3258.613	39.64676
SDev	.311447	.0295355	.1640304	.2810006	3.34912	6.523	.70954
%RSD	169.5343	6.281215	20.86088	117.8195	16.33299	.2001758	1.789654
#1	-.403933	.4493354	.6703194	.4371983	18.13705	3263.226	40.14848
#2	.0365189	.4911050	.9022934	.0398036	22.87343	3254.001	39.14504

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.735413	.6122235	H126351.5	.8037538	.4892061	.8955855	-3.14360
SDev	.000027	.4645836	99.9	.3919050	.1740074	.6035455	.43826
%RSD	.0015689	75.88464	.0790877	48.75933	35.56934	67.39117	13.94122
#1	1.735394	.9407337	H126422.2	1.080872	.6122479	.4688144	-2.83371
#2	1.735432	.2837133	H126280.9	.5266352	.3661643	1.322357	-3.45350

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.887960	-2.71107	2.086247	1.345903	-.007403	1.539375	86.66888
SDev	3.009807	.65200	.064491	.713598	3.241789	.297633	.71002
%RSD	77.41354	24.04963	3.091232	53.02002	43787.99	19.33469	.8192329
#1	6.016215	-2.25004	2.040645	1.850493	-2.29969	1.328917	86.16682
#2	1.759705	-3.17211	2.131849	.8413132	2.284887	1.749834	87.17094

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	114.3413	L-140.641	3.268440	.3358468
SDev	16.5556	1.213	.003999	.0035522
%RSD	14.47907	.8621543	.1223590	1.057672
#1	126.0479	L-139.784	3.271268	.3383586
#2	102.6348	L-141.499	3.265612	.3333351

Method: STL3 Sample Name: 220-7903-A-8-C Operator: NP
Run Time: 02/06/09 16:03:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.619601	-7.04936	-.104152	84078.98	.5084866	.0531044	173.6299
SDev	.126652	.09289	.085700	271.49	.0045514	.1001108	1.4973
%RSD	4.834779	1.317697	82.28380	.3228992	.8950785	188.5169	.8623229
#1	2.530045	-6.98368	-.043553	83887.01	.5117049	.1238934	172.5712
#2	2.709158	-7.11505	-.164752	84270.95	.5052683	-.017685	174.6886

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0298722	.3231879	.9437833	-.056161	20.32788	H561895.2	35.28971
SDev	.1784396	.1244029	.1286476	.090140	3.06194	1272.0	2.12881
%RSD	597.3435	38.49243	13.63105	160.5026	15.06276	.2263683	6.032377
#1	.1560481	.4111540	.8528157	-.119900	22.49300	H560995.8	33.78441
#2	-.096304	.2352218	1.034751	.0075775	18.16277	H562794.6	36.79500

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3544512	1.299108	H174595.5	.2360698	-3.07420	2.455694	-5.38040
SDev	.0312841	.506819	318.7	.5742573	.58013	2.124973	1.12467
%RSD	8.826062	39.01279	.1825145	243.2574	18.87087	86.53246	20.90318
#1	.3323300	1.657483	H174370.1	.6421311	-3.48441	.9531117	-6.17566
#2	.3765724	.9407337	H174820.8	-.169991	-2.66399	3.958277	-4.58513

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.177764	-6.76319	-1.23312	4.429975	-1.49989	.1381841	12.27858
SDev	2.523617	1.31336	1.52538	3.845790	1.32167	.4843549	.39499
%RSD	30.85950	19.41919	123.7008	86.81290	88.11823	350.5142	3.216933
#1	9.962231	-5.83451	-2.31173	1.710591	-.565322	.4806747	11.99927
#2	6.393297	-7.69188	-.154514	7.149359	-2.43445	-.204307	12.55788

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	43.29678	L-78.8201	.9097230	-.018535
SDev	2.73019	2.6678	.0119658	.040779
%RSD	6.305747	3.384618	1.315322	220.0083
#1	45.22731	L-76.9337	.9012619	-.047370
#2	41.36624	L-80.7065	.9181841	.0102999

Method: STL3 Sample Name: 220-7903-A-10-B Operator: NP
Run Time: 02/06/09 16:08:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.874141	L-21.3303	.5230973	692.5489	5.834722	.1326815	4289.811
SDev	.314035	5.5635	1.807244	27.3444	.000000	.1378073	80.519
%RSD	10.92621	26.08245	345.4890	3.948366	.0000000	103.8632	1.876975
#1	2.652085	L-17.3963	-.754817	711.8843	5.834722	.2301260	4232.876
#2	3.096197	L-25.2642	1.801012	673.2135	5.834722	.0352370	4346.747

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4448552	.0207329	.6369870	65.01303	117.2228	29.98018	36.81603
SDev	.0332393	.9451842	.8666160	.51775	1.6041	3.26142	2.36572
%RSD	7.471937	4558.860	136.0492	.7963862	1.368391	10.87860	6.425790
#1	.4213515	-.647613	.0241970	65.37914	116.0886	27.67401	35.14321
#2	.4683590	.6890791	1.249777	64.64693	118.3571	32.28635	38.48885

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.662524	159.0587	192.5181	.5944054	46.10781	-2.20585	-2.21566
SDev	.094060	.9081	23.0693	1.104682	2.32894	1.21879	1.91313
%RSD	2.568168	.5708913	11.98294	185.8465	5.051067	55.25268	86.34578
#1	3.596014	158.4166	208.8305	-.186723	44.46100	-3.06767	-.862873
#2	3.729035	159.7008	176.2056	1.375533	47.75462	-1.34404	-3.56844

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.238874	45.21585	46.55242	-1.90572	-2.80803	1.510553	5983.342
SDev	1.537887	.40226	3.69263	.37685	2.90519	.841574	149.970
%RSD	29.35530	.8896504	7.932199	19.77464	103.4602	55.71298	2.506468
#1	6.326325	45.50029	43.94133	-2.17219	-4.86231	.9154702	5877.296
#2	4.151424	44.93141	49.16350	-1.63925	-.753746	2.105636	6089.387

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7.761758	5.490119	1.612231	.1152086
SDev	2.018866	4.577519	.014305	.0373649
%RSD	26.01043	83.37742	.8873099	32.43237
#1	9.189312	8.726914	1.602115	.0887877
#2	6.334204	2.253324	1.622346	.1416296

Method: STL3 Sample Name: 220-7944-A-34-A Operator: NP
Run Time: 02/06/09 16:14:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0706181	L-16.8714	-1.52097	89.02129	.0321827	.0707067	56.46500
SDev	.0559274	3.0910	1.63828	12.79084	.0045513	.0501280	1.49725
%RSD	79.19704	18.32095	107.7131	14.36829	14.14214	70.89575	2.651648
#1	.1101647	L-14.6857	-2.67941	98.06578	.0289644	.1061525	55.40629
#2	.0310714	L-19.0570	-.362528	79.97681	.0354010	.0352608	57.52372

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.149033	.2167335	.4887546	-.047857	16.57407	3.459233	2.508161
SDev	.252720	.4570199	.0703961	.011208	6.18309	4.892110	.236646
%RSD	169.5734	210.8673	14.40316	23.42017	37.30578	141.4218	9.435033
#1	-.327733	-.106428	.4389770	-.055782	20.94617	-.000011	2.340827
#2	.0296672	.5398954	.5385322	-.039931	12.20197	6.918477	2.675495

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.066357	.7167495	325.1671	-.207207	.0540500	-2.13450	.0625123
SDev	.020931	.1478221	.5248	.392355	.2401393	.73945	.9214741
%RSD	31.54302	20.62395	.1613957	189.3541	444.2911	34.64284	1474.068
#1	-.081158	.6122235	325.5382	.0702299	-.115754	-2.65738	-.589068
#2	-.051557	.8212755	324.7960	-.484644	.2238541	-1.61163	.7140929

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.23167	-3.52211	1.838899	-3.06952	-.262659	1.112702	1.785886
SDev	4.34259	.00161	.359295	.53503	1.148919	.505910	.237127
%RSD	352.5769	.0457450	19.53861	17.43028	437.4178	45.46685	13.27786
#1	1.839004	-3.52325	1.584839	-3.44784	-1.07507	.7549689	1.618211
#2	-4.30235	-3.52097	2.092959	-2.69120	.5497491	1.470434	1.953560

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.177389	-2.44344	-.071880	-.052257
SDev	1.634624	.69716	.004031	.029679
%RSD	75.07264	28.53191	5.607274	56.79365
#1	3.333243	-2.93641	-.069030	-.073243
#2	1.021536	-1.95048	-.074730	-.031271

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 02/06/09 16:20:15
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.95876	4790.354	500.7457	526.6825	487.0657	483.6273	18510.41
SDev	.11870	2.949	.6591	2.6258	.2321	1.2399	64.38
%RSD	.2284589	.0615525	.1316223	.4985625	.0476583	.2563789	.3478186
#1	51.87483	4788.269	501.2118	528.5393	487.2299	482.7506	18464.88
#2	52.04270	4792.439	500.2797	524.8257	486.9016	484.5041	18555.93

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	485.8336	495.2665	496.9721	482.8324	4922.469	18929.02	18749.38
SDev	1.7692	2.5044	1.5214	.0765	18.540	22.83	24.62
%RSD	.3641513	.5056704	.3061420	.0158526	.3766503	.1206108	.1312979
#1	484.5826	493.4956	495.8963	482.7783	4909.358	18945.16	18731.97
#2	487.0846	497.0374	498.0479	482.8865	4935.579	18912.87	18766.78

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.9340	493.4074	21253.39	483.3438	483.0146	479.5205	479.7880
SDev	3.0807	5.9973	41.83	1.9288	1.3049	3.1457	4.4575
%RSD	.6125475	1.215493	.1968212	.3990471	.2701651	.6560107	.9290571
#1	500.7556	489.1667	21282.97	481.9800	482.0919	481.7448	476.6361
#2	505.1124	497.6482	21223.81	484.7077	483.9373	477.2961	482.9400

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480.0343	487.2328	480.9079	481.8058	474.9421	491.2314	490.0806
SDev	7.2961	8.6536	2.3639	2.2408	4.9582	1.1215	.1593
%RSD	1.519911	1.776071	.4915523	.4650801	1.043965	.2282978	.0325088
#1	474.8752	481.1138	482.5794	483.3902	478.4481	490.4384	490.1932
#2	485.1934	493.3518	479.2363	480.2213	471.4361	492.0244	489.9679

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	509.2245	473.6606	499.5523	487.2253
SDev	7.3670	7.4602	1.0904	1.9426
%RSD	1.446715	1.575011	.2182704	.3987071
#1	504.0152	468.3854	498.7813	485.8516
#2	514.4338	478.9358	500.3233	488.5989

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 02/06/09 16:26:01
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3564616	-11.8494	.7851307	36.77373	.0579288	.0708507	-1.29399
SDev	.0109432	1.5504	4.963540	6.37517	.0682698	.0501458	1.66362
%RSD	3.069951	13.08402	632.1928	17.33622	117.8511	70.77676	128.5649
#1	.3487236	-12.9457	4.294884	41.28166	.1062029	.1063092	-.117635
#2	.3641996	-10.7531	-2.72462	32.26580	.0096548	.0353922	-2.47034

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.178243	.1114382	.2981561	-.255305	.7766521	8.071580	3.678692
SDev	.384408	.4314160	.2459617	.280133	7.791125	11.41495	2.365585
%RSD	215.6655	387.1348	82.49425	109.7251	1003.168	141.4215	64.30505
#1	.0935749	.4164954	.4720773	-.057220	6.285810	16.14317	5.351413
#2	-.450061	-.193619	.1242350	-.453389	-4.73251	-.000011	2.005971

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.088571	2.075588	-3.72636	-.619262	-.198539	-1.74423	4.105229
SDev	.073127	2.660797	1.98986	.662878	1.306710	1.04672	5.389642
%RSD	82.56300	128.1949	53.39969	107.0432	658.1634	60.01065	131.2872
#1	-.036862	3.957055	-2.31931	-1.08799	-1.12252	-1.00409	7.916282
#2	-.140279	.1941198	-5.13341	-.150537	.7254447	-2.48438	.2941769

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.674768	-4.90523	2.150627	-4.55599	3.886532	.4318328	-.502540
SDev	.213362	2.23236	3.073519	1.96239	.787637	.3051577	.472423
%RSD	7.976824	45.50973	142.9127	43.07272	20.26581	70.66571	94.00707
#1	2.825637	-3.32671	-.022679	-3.16837	3.329589	.6476119	-.168486
#2	2.523898	-6.48374	4.323933	-5.94361	4.443476	.2160537	-.836593

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-9.04969	3.730222	.0113382	.2779296
SDev	1.68441	4.093181	.0239595	.4003701
%RSD	18.61292	109.7302	211.3157	144.0545
#1	-7.85863	6.624538	.0282802	.5610341
#2	-10.2407	.8359066	-.005604	-.005175

Method: STL3 Sample Name: 220-7946-A-31-A Operator: NP
Run Time: 02/06/09 16:31:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3009395	L-20.0647	.0916401	19.08346	.6790549	.1062038	71.87524
SDev	.1232041	2.2705	1.693782	2.17016	.0182052	.0249588	1.66362
%RSD	40.93981	11.31575	1848.299	11.37195	2.680969	23.50087	2.314587
#1	.3880579	L-18.4592	-1.10604	20.61800	.6919279	.0885553	70.69889
#2	.2138211	L-21.6702	1.289325	17.54893	.6661818	.1238523	73.05160

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.128247	.4516270	.9854295	.2624481	13.98902	13.83703	4.182111
SDev	.248308	.3669790	.3046079	.2251729	12.60635	.00000	1.655248
%RSD	193.6163	81.25710	30.91118	85.79710	90.11601	.0000000	39.57925
#1	-.303827	.1921337	.7700392	.4216694	22.90306	13.83703	3.011674
#2	.0473327	.7111204	1.200820	.1032269	5.074988	13.83703	5.352548

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1773114	.3733070	362.3379	-.478021	-1.18298	-3.22319	.9341582
SDev	.0521656	.5490534	2.8864	.010110	.06985	1.29513	.1178384
%RSD	29.42035	147.0783	.7966074	2.114940	5.904916	40.18177	12.61440
#1	.2141981	-.014932	360.2969	-.470872	-1.13358	-4.13899	1.017483
#2	.1404247	.7615464	364.3789	-.485169	-1.23237	-2.30739	.8508338

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.13370	-3.18724	-.182950	-5.11623	.5674766	1.019929	1.842461
SDev	3.63975	1.61128	.909160	.49526	2.897431	.535459	.000817
%RSD	321.0497	50.55409	496.9445	9.680126	510.5816	52.49961	.0443186
#1	-3.70740	-4.32658	.4599231	-5.46643	-1.48132	.6413028	1.841884
#2	1.439990	-2.04789	-.825823	-4.76603	2.616270	1.398556	1.843038

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12.43816	3.558982	-.018476	.2648625
SDev	1.85791	2.759088	.000035	.1298028
%RSD	14.93715	77.52464	.1890874	49.00762
#1	13.75190	5.509952	-.018451	.3566470
#2	11.12443	1.608012	-.018501	.1730781

Method: STL3 Sample Name: 220-7945-A-1-A Operator: NP
Run Time: 02/06/09 16:37:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2289799	-3.64783	-1.22487	111.1381	28.67478	-.070830	76287.40
SDev	.0673732	.20602	1.59306	1.5461	.05917	.075140	1184.82
%RSD	29.42317	5.647661	130.0599	1.391153	.2063443	106.0856	1.553105
#1	.1813399	-3.79351	-.098403	112.2313	28.63294	-.123962	75449.60
#2	.2766200	-3.50216	-2.35133	110.0448	28.71662	-.017698	77125.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1523293	-.034686	76.42774	.4294573	18.71300	6198.976	3813.389
SDev	.0383880	.454796	1.45186	.2808516	7.85025	35.876	18.448
%RSD	25.20067	1311.171	1.899649	65.39687	41.95077	.5787408	.4837726
#1	.1251849	.2869034	75.40112	.2308651	13.16204	6173.608	3800.345
#2	.1794737	-.356276	77.45436	.6280493	24.26397	6224.344	3826.434

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7089537	.4778331	6463.944	-.620363	-1.16438	-1.80978	.7136447
SDev	.0104316	1.034755	67.962	.244709	1.03050	1.43468	.8756707
%RSD	1.471402	216.5514	1.051396	39.44619	88.50214	79.27383	122.7040
#1	.7015775	-.253849	6415.888	-.793399	-1.89305	-2.82426	.0944520
#2	.7163300	1.209515	6512.001	-.447327	-.435705	-.795308	1.332837

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.966574	-4.93127	.7156435	-3.06592	.7051731	.8426582	2.921689
SDev	.140209	1.32369	2.205829	3.19187	2.084815	.1152978	.158608
%RSD	7.129611	26.84276	308.2302	104.1078	295.6458	13.68263	5.428630
#1	2.065717	-3.99528	-.844113	-5.32291	2.179360	.9241860	2.809537
#2	1.867431	-5.86726	2.275400	-.808935	-.769014	.7611303	3.033842

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2801.746	-8.74545	485.3737	.3671441
SDev	16.130	1.24276	2.2706	.0090257
%RSD	.5757252	14.21038	.4678011	2.458343
#1	2790.340	-7.86669	483.7681	.3607620
#2	2813.152	-9.62422	486.9792	.3735262

Method: STL3 Sample Name: 220-7945-A-1-B DU Operator: NP
Run Time: 02/06/09 16:43:14
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1140845	-5.39811	-1.83374	107.1123	28.93224	.0885097	76510.20
SDev	.1512632	2.46794	1.84514	.4303	.11378	.0250179	1155.55
%RSD	132.5887	45.71859	100.6212	.4016822	.3932741	28.26567	1.510322
#1	.0071253	-3.65302	-.529037	106.8081	28.85178	.0708194	75693.11
#2	.2210437	-7.14321	-3.13845	107.4166	29.01270	.1062000	77327.30

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4164755	.2657225	77.06537	.3500653	25.60457	6226.650	3835.967
SDev	.1584095	.1523591	.97188	.1687735	3.62768	39.137	34.294
%RSD	38.03573	57.33767	1.261116	48.21199	14.16809	.6285465	.8940161
#1	.3044631	.3734567	76.37814	.2307244	28.16973	6198.976	3811.717
#2	.5284879	.1579884	77.75259	.4694062	23.03942	6254.324	3860.217

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7754483	.2239842	6483.597	-.278835	-1.17318	-3.89834	.6313348
SDev	.0208991	.0422347	41.132	.436027	.86245	.63772	1.957853
%RSD	2.695105	18.85611	.6343957	156.3749	73.51404	16.35868	310.1133
#1	.7606704	.1941198	6454.512	-.587153	-1.78303	-4.34928	-.753076
#2	.7902262	.2538487	6512.681	.0294832	-.563335	-3.44741	2.015746

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6321483	-2.72278	-.400146	-5.99538	.3009298	1.249946	1.750121
SDev	5.531098	2.57154	2.576874	.63439	.6445251	.151783	.077629
%RSD	874.9685	94.44540	643.9826	10.58130	214.1779	12.14320	4.435622
#1	-3.27893	-.904425	-2.22227	-6.44396	-.154818	1.142619	1.805013
#2	4.543225	-4.54113	1.421979	-5.54680	.7566779	1.357273	1.695229

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2814.012	L-10.7817	487.5407	.4228065
SDev	25.112	.1211	4.0468	.0395616
%RSD	.8923901	1.123524	.8300455	9.356915
#1	2796.255	L-10.8673	484.6792	.4507808
#2	2831.768	L-10.6960	490.4022	.3948322

Method: STL3 Sample Name: 220-7945-A-1-C MS Operator: NP
Run Time: 02/06/09 16:48:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.78588	1975.023	37.89752	1117.584	1999.086	50.79465	85402.86
SDev	.50548	5.266	2.86921	6.058	.005	.32618	739.14
%RSD	.9953192	.2666260	7.570975	.5420823	.0002288	.6421493	.8654770
#1	50.42845	1971.300	39.92636	1113.301	1999.089	50.56401	84880.20
#2	51.14331	1978.747	35.86868	1121.868	1999.083	51.02529	85925.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.53916	492.0625	271.6768	251.9014	1018.547	16996.45	14569.42
SDev	.02350	3.3269	2.1307	.2329	.857	19.57	70.02
%RSD	.0484195	.6761102	.7842724	.0924413	.0841051	.1151401	.4806203
#1	48.52254	489.7100	270.1701	251.7367	1017.942	16982.61	14519.91
#2	48.55578	494.4149	273.1834	252.0660	1019.153	17010.29	14618.93

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.1051	1027.043	18614.93	488.7016	18.35369	47.34712	1117.626
SDev	2.4961	9.777	14.08	3.8640	.66592	.50744	7.828
%RSD	.4941716	.9519956	.0756530	.7906647	3.628241	1.071739	.7004116
#1	503.3401	1020.129	18604.97	485.9693	18.82456	47.70593	1112.091
#2	506.8701	1033.956	18624.88	491.4338	17.88282	46.98830	1123.161

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.91627	17.63128	18.71340	46.14156	49.76065	499.4467	485.5445
SDev	5.89334	.33654	.83029	1.92372	2.32909	3.2286	4.9718
%RSD	10.53958	1.908741	4.436860	4.169164	4.680586	.6464380	1.023960
#1	51.74905	17.86925	19.30051	47.50183	48.11373	497.1637	482.0289
#2	60.08349	17.39331	18.12630	44.78128	51.40756	501.7296	489.0601

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3778.227	1029.631	482.3262	1028.916
SDev	22.905	10.009	.6323	4.144
%RSD	.6062325	.9720866	.1310966	.4027352
#1	3762.030	1022.553	481.8791	1025.986
#2	3794.423	1036.708	482.7733	1031.846

Method: STL3 Sample Name: 220-7945-A-1-A SD@5 Operator: NP
Run Time: 02/06/09 16:54:42
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2101724	-7.86360	-1.45260	30.47458	5.889433	.0620880	15553.17
SDev	.0283253	1.23751	.65455	.41059	.050064	.0374706	206.95
%RSD	13.47716	15.73715	45.06083	1.347310	.8500714	60.35075	1.330625
#1	.2302015	-8.73865	-.989762	30.18425	5.924834	.0355923	15406.83
#2	.1901434	-6.98855	-1.91544	30.76491	5.854032	.0885837	15699.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0632865	.1505533	15.92153	.1019659	11.38932	1053.918	763.2794
SDev	.0451593	.0560775	.32784	.1339686	1.67657	.000	7.5686
%RSD	71.35693	37.24758	2.059067	131.3858	14.72056	.0000000	.9915894
#1	.0313541	.1109006	16.15335	.1966960	12.57484	1053.918	757.9276
#2	.0952190	.1902060	15.68972	.0072357	10.20381	1053.918	768.6312

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0591396	4.031716	1081.184	.1866578	-.934988	-2.41217	2.624961
SDev	.0313235	2.639680	9.075	.8658368	1.229055	.62384	1.865938
%RSD	52.96543	65.47285	.8393331	463.8631	131.4514	25.86233	71.08440
#1	.0369905	5.898252	1074.768	-.425581	-.065915	-1.97105	3.944378
#2	.0812887	2.165181	1087.601	.7988969	-1.80406	-2.85330	1.305544

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.852504	-4.14419	.6665555	-4.24666	1.261105	.7374296	.2932904
SDev	4.692800	1.67998	1.003858	.45563	.961053	.0528791	.9479842
%RSD	121.8117	40.53833	150.6038	10.72924	76.20718	7.170735	323.2237
#1	.5341932	-2.95626	1.376390	-3.92448	1.940672	.7748207	-.377036
#2	7.170814	-5.33212	-.043279	-4.56884	.5815382	.7000384	.9636165

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	562.5165	.9658036	99.03552	.8068083
SDev	3.7155	.6674700	.65150	.4254593
%RSD	.6605225	69.11032	.6578474	52.73363
#1	559.8892	1.437776	98.57484	1.107654
#2	565.1437	.4938311	99.49621	.5059632

Method: STL3 Sample Name: 220-7945-A-2-A Operator: NP
Run Time: 02/06/09 17:00:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1835216	-7.88572	-2.50702	144.2384	96.44510	-.017684	57161.41
SDev	.1287465	2.68070	1.45940	.6069	.00455	.100141	717.19
%RSD	70.15330	33.99433	58.21247	.4207943	.0047154	566.2947	1.254673
#1	.2745591	-9.78125	-3.53897	144.6676	96.44831	.0531269	56654.28
#2	.0924841	-5.99018	-1.47507	143.8092	96.44188	-.088494	57668.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0033717	.3049768	3.711385	1.105850	47.37209	12922.60	17490.91
SDev	.2565463	.0010103	.140245	.011474	7.27027	57.07	70.25
%RSD	7608.727	.3312787	3.778782	1.037608	15.34715	.4416656	.4016180
#1	.1847774	.3042624	3.612217	1.113964	42.23124	12882.25	17441.24
#2	-.178034	.3056912	3.810554	1.097737	52.51295	12962.96	17540.58

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.39117	20.51696	H122100.7	3.029952	-1.28715	1.826819	.4414032
SDev	.28190	.35900	696.1	.252884	.16654	.977647	.9922658
%RSD	.8442425	1.749756	.5701234	8.346131	12.93829	53.51635	224.7981
#1	33.19183	20.26311	H121608.4	3.208768	-1.16939	1.135518	1.143041
#2	33.59050	20.77081	H122592.9	2.851136	-1.40491	2.518119	-.260235

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.531172	-2.88856	-.488445	1.586323	2.307430	.5894434	3.508245
SDev	.559031	.09022	.294721	.793031	1.347290	.5762202	.158369
%RSD	10.10691	3.123418	60.33860	49.99181	58.38920	97.75667	4.514198
#1	5.926467	-2.95235	-.280046	1.025565	1.354752	.9968926	3.620229
#2	5.135878	-2.82476	-.696845	2.147080	3.260108	.1819942	3.396261

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4961.800	-2.46378	323.3455	.3599364
SDev	44.491	2.18270	1.1247	.1313181
%RSD	.8966726	88.59177	.3478212	36.48370
#1	4930.340	-.920373	322.5502	.4527924
#2	4993.260	-4.00718	324.1407	.2670805

Method: STL3 Sample Name: 220-7945-A-3-A Operator: NP
Run Time: 02/06/09 17:06:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2899448	71.42780	.6743136	105.0462	68.07605	.1165623	94222.92
SDev	.1512379	.62997	1.849551	.7241	.24577	.0124380	1021.96
%RSD	52.16094	.8819703	274.2866	.6893624	.3610238	10.67067	1.084616
#1	.1830034	70.98235	1.982144	104.5341	67.90227	.1253572	93500.29
#2	.3968862	71.87326	-.633517	105.5583	68.24984	.1077673	94945.55

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.137794	.5908110	11.06044	1.240641	879.1047	6306.213	21567.40
SDev	.264700	.3058523	.10523	.146048	3.6088	27.722	97.21
%RSD	192.0989	51.76821	.9513679	11.77197	.4105056	.4395956	.4507102
#1	-.324965	.8070812	10.98604	1.343913	881.6565	6286.610	21498.66
#2	.0493776	.3745407	11.13485	1.137370	876.5529	6325.815	21636.13

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.12919	1.045260	61848.93	1.469933	.4921205	.0035066	.7147117
SDev	.09392	.570171	276.46	.165027	.0324703	1.333480	1.407120
%RSD	.7153888	54.54824	.4469959	11.22684	6.598037	38027.38	196.8794
#1	13.06278	1.448431	61653.44	1.353241	.5150805	-.939406	-.280273
#2	13.19561	.6420881	62044.42	1.586625	.4691605	.9464192	1.709696

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.232372	-1.40729	1.439601	-.529721	1.070563	1.905268	5.712411
SDev	.213142	1.63741	.768795	.574864	2.852990	.686727	.000490
%RSD	6.593965	116.3520	53.40335	108.5220	266.4945	36.04360	.0085763
#1	3.383086	-.249466	.8959811	-.936211	-.946806	2.390858	5.712064
#2	3.081659	-2.56511	1.983222	-.123231	3.087931	1.419679	5.712757

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4535.774	-7.94816	537.9017	7.191994
SDev	27.695	2.57679	2.1580	.062852
%RSD	.6105958	32.42003	.4011974	.8739126
#1	4516.191	-9.77022	536.3758	7.147551
#2	4555.358	-6.12609	539.4277	7.236437

Method: STL3 Sample Name: 220-7945-A-4-A Operator: NP
Run Time: 02/06/09 17:11:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0861529	L-10.5504	-1.79718	119.8342	49.94754	.1151268	H187025.5
SDev	.3267507	.7348	2.54670	1.1168	.47789	.0875855	2166.2
%RSD	379.2684	6.964575	141.7052	.9319436	.9567784	76.07745	1.158238
#1	-.144895	L-10.0308	-3.59797	119.0446	49.60962	.0531945	H185493.8
#2	.3172005	L-11.0699	.0036075	120.6239	50.28546	.1770591	H188557.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.164563	2.117412	3.455100	.8108928	401.5960	10028.36	22750.40
SDev	.033303	.426080	.053502	.1237128	16.4682	47.29	184.34
%RSD	20.23743	20.12266	1.548504	15.25637	4.100699	.4715677	.8102751
#1	-.141014	2.418696	3.417269	.7234147	413.2407	9994.926	22620.05
#2	-.188112	1.816128	3.492933	.8983709	389.9511	10061.81	22880.74

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1729.619	1.493228	9311.236	5.289206	-.758061	-2.22197	-1.42305
SDev	15.466	.147822	58.755	.163098	.430175	.59031	.96328
%RSD	.8941739	9.899495	.6310093	3.083592	56.74681	26.56687	67.69123
#1	1718.683	1.388702	9269.690	5.404533	-.453881	-2.63939	-.741908
#2	1740.555	1.597754	9352.782	5.173879	-1.06224	-1.80456	-2.10419

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.955796	-3.21718	.4688562	-3.27141	-.121045	.9193036	3.899489
SDev	2.597406	1.75254	.2300176	2.17664	2.586970	.8338215	.316334
%RSD	132.8056	54.47452	49.05931	66.53507	2137.203	90.70143	8.112184
#1	.1191528	-1.97795	.3062092	-4.81053	1.708219	.3297028	4.123170
#2	3.792439	-4.45642	.6315032	-1.73230	-1.95031	1.508905	3.675807

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7980.099	L-19.0909	1498.972	.5223129
SDev	58.948	1.8187	9.916	.0930592
%RSD	.7386935	9.526487	.6615360	17.81675
#1	7938.416	L-20.3769	1491.960	.4565101
#2	8021.781	L-17.8049	1505.984	.5881156

Method: STL3 Sample Name: 220-7945-A-5-A Operator: NP
Run Time: 02/06/09 17:17:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2007595	29.74773	2.184667	128.9083	35.19178	.1070174	H249707.0
SDev	.0000122	.21184	1.890683	.3523	.19115	.0251057	729.3
%RSD	.0060567	.7121267	86.54329	.2733049	.5431776	23.45948	.2920770
#1	.2007681	29.59793	3.521582	129.1574	35.05661	.0892650	H249191.2
#2	.2007509	29.89752	.8477524	128.6591	35.32694	.1247699	H250222.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.152861	.2061759	139.1067	.8829527	99.90208	11384.39	9417.708
SDev	.463974	.0597599	.0001	.0450678	3.35268	17.94	30.745
%RSD	303.5260	28.98491	.0000776	5.104219	3.355963	.1575606	.3264630
#1	.1752177	.1639193	139.1068	.8510849	97.53139	11371.71	9395.968
#2	-.480940	.2484325	139.1067	.9148204	102.2728	11397.08	9439.448

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	231.3751	.2239840	7399.492	.0544630	-.511020	.4361428	.2406154
SDev	.0940	.1689394	17.887	.2598534	.178985	1.541838	.8117530
%RSD	.0406402	75.42477	.2417315	477.1188	35.02509	353.5167	337.3653
#1	231.4416	.3434422	7386.844	.2382072	-.637582	-.654101	.8146115
#2	231.3086	.1045258	7412.140	-.129281	-.384459	1.526387	-.333381

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.67899	-2.80284	.6325729	.1116982	1.085005	1.551408	2.511813
SDev	3.64171	1.41103	.4361132	.8128484	3.002005	.329624	.000162
%RSD	216.8986	50.34281	68.94276	727.7181	276.6812	21.24675	.0064299
#1	.8960863	-3.80059	.9409515	-.463072	-1.03773	1.784487	2.511928
#2	-4.25407	-1.80509	.3241943	.6864688	3.207743	1.318328	2.511699

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6478.467	L-25.8880	1859.118	4.033452
SDev	14.644	5.7293	.803	.132859
%RSD	.2260382	22.13127	.0432021	3.293919
#1	6468.112	L-21.8368	1859.686	3.939507
#2	6488.822	L-29.9393	1858.550	4.127397

Method: STL3 Sample Name: 220-7945-A-6-A Operator: NP
Run Time: 02/06/09 17:23:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.576308	2689.363	4.694318	28.27266	26.52498	.4243627	24958.35
SDev	.095498	10.669	3.562871	.25535	.19571	.0381256	304.44
%RSD	6.058349	.3967274	75.89754	.9031616	.7378166	8.984205	1.219797
#1	1.508781	2681.819	7.213648	28.45322	26.38659	.3974038	24743.08
#2	1.643836	2696.908	2.174987	28.09211	26.66336	.4513216	25173.63

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2948318	2.042557	125.1230	17.46039	17834.19	5683.548	17646.39
SDev	.2339258	.766808	1.6739	.13465	214.67	14.676	134.82
%RSD	79.34213	37.54160	1.337836	.7711667	1.203717	.2582237	.7640004
#1	.4602423	2.584772	123.9394	17.36518	17682.40	5673.170	17551.06
#2	.1294212	1.500341	126.3067	17.55560	17985.99	5693.925	17741.72

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.3205	2.015858	13725.22	10.12361	2.096971	.7981862	.8294531
SDev	1.1383	1.224811	21.80	.38532	1.362758	.3216355	.3632559
%RSD	1.101724	60.75881	.1588429	3.806126	64.98695	40.29579	43.79462
#1	102.5156	1.149786	13709.81	9.851147	3.060586	.5707556	1.086314
#2	104.1254	2.881931	13740.64	10.39607	1.133356	1.025617	.5725924

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.327952	-.797156	3.541066	.2485276	1.897853	16.23759	75.49644
SDev	1.881912	1.099103	1.494387	.3421521	.280399	.56415	.54269
%RSD	573.8373	137.8781	42.20161	137.6717	14.77454	3.474374	.7188351
#1	-1.65866	-.019972	4.597756	.0065895	1.699581	15.83868	75.11270
#2	1.002760	-1.57434	2.484374	.4904657	2.096125	16.63651	75.88019

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7536.398	6.317506	237.7663	273.8404
SDev	49.447	1.447661	1.5692	2.6908
%RSD	.6561146	22.91508	.6599920	.9826300
#1	7501.434	7.341157	236.6567	271.9377
#2	7571.363	5.293855	238.8759	275.7431

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 02/06/09 17:29:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.86528	4924.504	516.4309	489.5578	504.7212	507.5161	19237.51
SDev	.80255	35.639	3.6439	7.8183	2.2893	12.5335	608.22
%RSD	1.518097	.7237034	.7055939	1.597015	.4535843	2.469575	3.161619
#1	52.29780	4899.303	513.8542	484.0294	503.1024	498.6536	18807.44
#2	53.43277	4949.704	519.0075	495.0861	506.3400	516.3787	19667.58

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.8603	508.2018	516.2065	495.0611	5133.832	19122.73	19145.84
SDev	7.2509	11.8469	13.8755	2.4387	58.889	48.92	233.25
%RSD	1.433377	2.331147	2.687967	.4925986	1.147085	.2558294	1.218266
#1	500.7332	499.8248	506.3951	493.3367	5092.190	19157.33	18980.90
#2	510.9875	516.5789	526.0179	496.7855	5175.473	19088.14	19310.77

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.6638	510.0718	21550.24	507.6249	497.4427	491.8761	493.2269
SDev	7.7390	8.7849	10.15	12.5462	5.5432	7.0339	7.7115
%RSD	1.492101	1.722280	.0470839	2.471559	1.114335	1.430008	1.563487
#1	513.1915	503.8600	21543.07	498.7534	493.5231	486.9024	487.7740
#2	524.1360	516.2837	21557.42	516.4965	501.3623	496.8498	498.6798

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490.6920	495.0462	498.6386	489.8794	495.8744	508.8558	515.8127
SDev	3.0626	3.6324	6.4971	5.8075	9.4901	10.3529	15.8739
%RSD	.6241311	.7337459	1.302977	1.185496	1.913819	2.034548	3.077452
#1	488.5265	492.4777	494.0444	485.7729	489.1638	501.5352	504.5882
#2	492.8576	497.6146	503.2327	493.9859	502.5849	516.1765	527.0372

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	555.5447	489.5438	510.8142	501.0296
SDev	3.3651	7.4634	1.9428	4.0136
%RSD	.6057302	1.524571	.3803289	.8010789
#1	553.1652	484.2664	509.4404	498.1916
#2	557.9241	494.8213	512.1879	503.8677

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 02/06/09 17:34:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2814108	-16.2934	-.650268	5.447948	.0418375	.2744068	-1.17636
SDev	.0393360	1.0215	.060903	.293058	.0273079	.0876049	.49908
%RSD	13.97813	6.269636	9.365904	5.379239	65.27140	31.92520	42.42630
#1	.3092255	-15.5710	-.693333	5.655172	.0611471	.2124608	-.823450
#2	.2535961	-17.0157	-.607203	5.240725	.0225279	.3363528	-1.52926

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.020787	.3052235	.5467279	.7947498	7.278317	2.306195	4.180457
SDev	.050165	.1539047	.3161044	.1691169	1.385562	.000000	.709269
%RSD	241.3276	50.42362	57.81749	21.27927	19.03685	.0000000	16.96629
#1	.0146850	.4140506	.3232084	.6751661	8.258058	2.306195	3.678928
#2	-.056260	.1963964	.7702475	.9143335	6.298576	2.306195	4.681985

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.081121	2.105452	-4.76232	-.182354	-1.66289	-4.16372	5.113001
SDev	.041790	1.055872	.08747	.405050	.12377	1.12545	4.417270
%RSD	51.51592	50.14941	1.836672	222.1229	7.442862	27.02985	86.39289
#1	-.051571	2.852066	-4.82417	.1040596	-1.75040	-4.95953	8.236483
#2	-.110671	1.358838	-4.70047	-.468767	-1.57537	-3.36791	1.989520

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.439977	-5.10644	.0557079	-7.58360	2.685206	1.163042	-.000088
SDev	4.483817	.24642	.0625303	1.32822	.719155	.212748	.236093
%RSD	311.3811	4.825724	112.2467	17.51436	26.78211	18.29239	269386.1
#1	4.610514	-5.28069	.0114923	-8.52280	2.176687	1.313478	.1668554
#2	-1.73056	-4.93220	.0999235	-6.64441	3.193725	1.012607	-.167031

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1.612715	2.765695	.0198191	.2489388
SDev	2.322892	.000355	.0039886	.2781107
%RSD	144.0361	.0128497	20.12499	111.7185
#1	3.255248	2.765946	.0226394	.4455928
#2	-.029817	2.765443	.0169987	.0522849

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 24185

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Matt M — Date 2/9/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W020909 Autosampler Type: TYPE TJA
Sample Positions: 161/192 QC Positions: 4/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	4	10
2	Sample (16mm)	Samples	17	1
3	Sample (16mm)	Samples	48	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	31	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
(16...19	Not Used)					

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-24082/1-A	1	-NA-	Sample
2	1	2	LCS 220-24082/2-A	1	-NA-	Sample
3	1	3	220-7915-A-10-M	1	-NA-	Sample
4	1	4	220-7915-A-10-N DU	1	-NA-	Sample
5	1	5	220-7915-A-10-O MS	1	-NA-	Sample
6	1	6	220-7915-A-10-P MSD	1	-NA-	Sample

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
7	1	7	220-7915-A-10-M PDS	1	-NA-	Sample
8	1	8	220-7915-A-10-M SD@5	1	-NA-	Sample
9	1	9	220-7945-A-7-A	1	-NA-	Sample
10	1	10	220-7915-A-12-D	1	-NA-	Sample
11	1	11	220-7930-B-3-B	1	-NA-	Sample
12	1	12	220-7930-A-5-B	1	-NA-	Sample
13	2	1	220-7930-A-8-B	1	-NA-	Sample
14	2	2	220-7946-A-9-A	1	-NA-	Sample
15	2	3	220-7946-A-10-A	1	-NA-	Sample
16	2	4	220-7946-A-11-A	1	-NA-	Sample
17	2	5	220-7946-A-12-A	1	-NA-	Sample
18	2	6	220-7946-A-21-A	1	-NA-	Sample
19	2	7	220-7946-A-22-A	1	-NA-	Sample
20	2	8	220-7946-A-23-A	1	-NA-	Sample
21	2	9	220-7946-A-24-A	1	-NA-	Sample
22	2	10	220-7946-A-25-A	1	-NA-	Sample
23	2	11	220-7946-A-26-A	1	-NA-	Sample
24	2	12	220-7946-A-27-A	1	-NA-	Sample
25	3	1	220-7946-A-28-A	1	-NA-	Sample
26	3	2	220-7946-A-29-A	1	-NA-	Sample
27	3	3	220-7946-A-30-A	1	-NA-	Sample
28	3	4	(empty)	1	-NA-	-NA-
29	3	5	(empty)	1	-NA-	-NA-
30	3	6	(empty)	1	-NA-	-NA-
31	3	7	(empty)	1	-NA-	-NA-
(32...48	Not Used)					

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 02/09/09 11:09:55

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00273	.09950	-.00117	.0843	.00033	-.00740	.00787
SDev	.00085	.00174	.00401	.0005	.00009	.00019	.00019
%RSD	31.044	1.7530	343.04	.6151	28.284	2.5481	2.3970
#1	-.00333	.10073	.00167	.0847	.00027	-.00753	.00773
#2	-.00213	.09827	-.00400	.0839	.00040	-.00727	.00800

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00407	-.00047	.00273	.03740	-.00880	.01783	.00113
SDev	.00038	.00057	.00104	.00000	.00151	.00014	.00057
%RSD	9.2735	121.22	37.942	.00000	17.142	.79302	49.913
#1	.00433	-.00087	.00200	.03740	-.00987	.01773	.00073
#2	.00380	-.00007	.00347	.03740	-.00773	.01793	.00153

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00097	-.00923	.13010	-.00340	.01513	-.00303	-.03487
SDev	.00005	.00005	.00071	.00047	.00160	.00306	.00971
%RSD	4.8766	.51055	.54351	13.865	10.591	101.02	27.852
#1	.00093	-.00927	.12960	-.00373	.01400	-.00087	-.02800
#2	.00100	-.00920	.13060	-.00307	.01627	-.00520	-.04173

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	.00190	-.04213	.02987	.00090	-.00063	.3459	-.00060
SDev	.00231	.00104	.00434	.00005	.00024	.0002	.00387
%RSD	121.57	2.4614	14.521	5.2378	37.216	.0545	644.25
#1	.00353	-.04140	.02680	.00093	-.00080	.3460	.00213
#2	.00027	-.04287	.03293	.00087	-.00047	.3457	-.00333

Elem	Sr4215	Ti3349
Avge	.00273	-.01450
SDev	.00000	.00071
%RSD	.00000	4.8766
#1	.00273	-.01400
#2	.00273	-.01500

Method: STL3 Standard: STD2
Run Time: 02/09/09 11:15:44

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.84457	5.2050	1.3999	2.532	10.401	3.7716	14.221
SDev	.01117	.0671	.0039	.027	.145	.0580	.157
%RSD	1.3228	1.2888	.28143	1.073	1.3923	1.5386	1.1022
#1	.83667	5.1575	1.3971	2.512	10.299	3.7305	14.110
#2	.85247	5.2524	1.4027	2.551	10.504	3.8126	14.332

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.5313	1.5728	4.0584	4.2572	1.8708	1.4636	9.9673
SDev	.0799	.0067	.0452	.0410	.0265	.0082	.1330
%RSD	.93714	.42561	1.1139	.96225	1.4187	.55722	1.3347
#1	8.4747	1.5681	4.0264	4.2283	1.8520	1.4578	9.8732
#2	8.5878	1.5775	4.0903	4.2862	1.8895	1.4693	10.061

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.5775	2.2317	108.42	4.1871	2.0613	.67570	4.2394
SDev	.0428	.0314	.41	.0658	.0182	.00203	.0214
%RSD	.93509	1.4068	.37759	1.5706	.88504	.29999	.50594
#1	4.5472	2.2095	108.13	4.1406	2.0484	.67427	4.2243
#2	4.6077	2.2539	108.71	4.2336	2.0742	.67713	4.2546

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6894	2.3342	1.9889	1.8628	.59813	1.769	1.5645
SDev	.0338	.0117	.0130	.0233	.00858	.001	.0239
%RSD	.91485	.50287	.65418	1.2501	1.4344	.0373	1.5246
#1	3.6655	2.3259	1.9797	1.8463	.59207	1.770	1.5477
#2	3.7133	2.3425	1.9981	1.8793	.60420	1.769	1.5814

Elem	Sr4215	Ti3349
Avge	11.895	12.825
SDev	.071	.091
%RSD	.59645	.71273
#1	11.845	12.760
#2	11.945	12.889

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	117.808	.322009	02/09/09 11:15:44
Al3082	308.215	STD2	STD1	2158.51	-214.772	02/09/09 11:15:44
As1890	189.042	STD2	STD1	712.127	.832513	02/09/09 11:15:44
B_2496	249.678	STD2	STD1	409.664	-34.5347	02/09/09 11:15:44
Ba4934	493.409	STD2	STD1	96.1458	-.032049	02/09/09 11:15:44
Be3130	313.042	STD2	STD1	264.588	1.95795	02/09/09 11:15:44
Ca3179	317.933	STD2	STD1	3517.86	-27.6739	02/09/09 11:15:44
Cd2265	226.502	STD2	STD1	117.524	-.477933	02/09/09 11:15:44
Co2286	228.616	STD2	STD1	635.956	.296779	02/09/09 11:15:44
Cr2677	267.716	STD2	STD1	246.564	-.673942	02/09/09 11:15:44
Cu3247	324.753	STD2	STD1	237.048	-8.86560	02/09/09 11:15:44
Fe2714	271.441	STD2	STD1	5894.03	51.8674	02/09/09 11:15:44
K_7664	766.491	STD2	STD1	34584.5	-616.757	02/09/09 11:15:44
Mg2790	279.078	STD2	STD1	5016.35	-5.68519	02/09/09 11:15:44
Mn2576	257.610	STD2	STD1	218.488	-.211205	02/09/09 11:15:44
Mo2020	202.030	STD2	STD1	446.236	4.12025	02/09/09 11:15:44
Na5889	588.995	STD2	STD1	461.740	-60.0723	02/09/09 11:15:44
Ni2316	231.604	STD2	STD1	238.116	.809593	02/09/09 11:15:44
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	485.675	-7.34987	02/09/09 11:15:44
Tl1908	190.864	STD2	STD1	1463.73	4.43997	02/09/09 11:15:44
2203/1	220.351	STD2	STD1	234.443	8.17425	02/09/09 11:15:44
2203/2	220.352	STD2	STD1	270.619	-.514176	02/09/09 11:15:44
1960/1	196.021	STD2	STD1	420.854	17.7320	02/09/09 11:15:44
1960/2	196.022	STD2	STD1	507.537	-15.1585	02/09/09 11:15:44
V_2924	292.402	STD2	STD1	531.609	-.478448	02/09/09 11:15:44
Zn2062	206.200	STD2	STD1	1670.28	1.05784	02/09/09 11:15:44
Si2881	288.158	STD2	STD1	703.768	-243.410	02/09/09 11:15:44
Sn1899	189.989	STD2	STD1	638.029	.382817	02/09/09 11:15:44
Sr4215	421.552	STD2	STD1	84.1782	-.230087	02/09/09 11:15:44
Ti3349	334.941	STD2	STD1	77.9295	1.12998	02/09/09 11:15:44

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 02/09/09 11:21:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	105.9059	9901.369	1017.780	990.7867	985.1871	980.9135	25137.73
SDev	.4568	15.779	10.589	.7076	1.4775	4.3532	122.05
%RSD	.4313405	.1593588	1.040379	.0714205	.1499742	.4437917	.4855437
#1	105.5829	9890.212	1010.293	990.2864	984.1423	977.8353	25051.42
#2	106.2289	9912.526	1025.268	991.2871	986.2319	983.9917	25224.03

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	997.1895	1002.205	1003.508	978.1128	10078.92	48605.09	25007.94
SDev	.9468	2.923	4.847	2.6110	2.25	379.87	118.73
%RSD	.0949477	.2916211	.4829915	.2669466	.0223077	.7815344	.4747653
#1	996.5200	1000.139	1000.081	976.2665	10077.33	48336.48	24923.99
#2	997.8590	1004.272	1006.935	979.9591	10080.51	48873.69	25091.90

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1009.290	1014.830	48455.14	997.7970	983.9214	985.6755	992.4678
SDev	3.131	10.497	101.56	6.7868	6.8130	2.0640	.4140
%RSD	.3102617	1.034346	.2096036	.6801768	.6924358	.2094002	.0417117
#1	1007.076	1007.408	48383.33	992.9980	979.1038	984.2161	992.7605
#2	1011.505	1022.252	48526.96	1002.596	988.7389	987.1350	992.1751

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	979.0891	980.9102	985.4237	987.3961	982.2282	984.4526	1003.579
SDev	7.5318	3.9477	8.2438	2.8185	11.8438	4.1947	4.175
%RSD	.7692643	.4024568	.8365752	.2854434	1.205812	.4260982	.4159951
#1	973.7634	978.1187	979.5945	989.3890	973.8533	981.4864	1000.627
#2	984.4149	983.7017	991.2530	985.4031	990.6030	987.4187	1006.531

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1067.143	959.0081	995.7717	989.6567
SDev	1.404	2.8304	3.0450	2.5847
%RSD	.1316093	.2951351	.3057926	.2611682
#1	1068.137	957.0067	993.6186	987.8290
#2	1066.150	961.0094	997.9249	991.4843

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 02/09/09 11:27:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.117138	-1.22257	.1445714	3.632160	.0224340	-.096842	.5863101
SDev	.155071	3.24989	.5467243	1.023025	.0135971	.037324	.1658319
%RSD	132.3834	265.8247	378.1690	28.16575	60.60914	38.54145	28.28399
#1	-.226790	1.075451	-.242021	4.355548	.0320486	-.123234	.7035710
#2	-.007486	-3.52059	.5311639	2.908772	.0128194	-.070450	.4690493

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2067890	.2448288	.0245580	-.262981	2.143909	17.29225	-.669219
SDev	.1926318	.0972722	.1510923	.079601	6.936646	.00000	1.891718
%RSD	93.15379	39.73068	615.2466	30.26850	323.5513	.0000000	282.6752
#1	.3430003	.3136106	-.082280	-.319268	7.048859	17.29225	-2.00687
#2	.0705778	.1760470	.1313964	-.206695	-2.76104	17.29225	.6684269

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.058308	5.682071	1.631476	-.482640	.7383989	.9878942	9.936087
SDev	.010303	3.639187	.761830	.460142	.7737023	.3765350	6.394259
%RSD	17.67019	64.04684	46.69574	95.33868	104.7811	38.11491	64.35389
#1	-.051022	8.255365	2.170170	-.808010	.1913087	1.254145	14.45751
#2	-.065593	3.108777	1.092781	-.157270	1.285489	.7216438	5.414663

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.14706	1.206597	.5040015	2.552645	-2.14731	-.489696	-1.00428
SDev	1.86073	1.720617	.3010254	1.864634	2.60413	.038103	.23817
%RSD	86.66436	142.6009	59.72708	73.04716	121.2744	7.780945	23.71515
#1	-3.46279	-.010063	.2911444	3.871140	-3.98871	-.462753	-1.17268
#2	-.831320	2.423257	.7168586	1.234149	-.305907	-.516638	-.835868

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-10.7624	9.422241	.0224352	.5430366
SDev	1.2025	5.264110	.0079329	.4261697
%RSD	11.17325	55.86898	35.35920	78.47900
#1	-9.91205	13.14453	.0280446	.8443841
#2	-11.6127	5.699954	.0168258	.2416891

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 02/09/09 11:33:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.22209	379.3685	20.93802	30.82560	10.23633	9.884172	475.4981
SDev	.08899	10.4970	2.06991	.40505	.05439	.124631	3.4825
%RSD	.8705906	2.766967	9.885887	1.314017	.5313265	1.260917	.7323974
#1	10.15916	371.9459	19.47437	31.11201	10.19787	9.796045	473.0356
#2	10.28502	386.7910	22.40167	30.53918	10.27478	9.972300	477.9606

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.989349	10.05081	9.343970	9.454809	218.2551	Q338.9283	471.1005
SDev	.184326	.09355	.220667	.156108	9.1686	4.8910	3.0754
%RSD	1.845226	.9307893	2.361602	1.651095	4.200847	1.443074	.6528121
#1	9.859012	9.984656	9.187935	9.344424	224.7383	Q335.4699	468.9259
#2	10.11969	10.11696	9.500006	9.565194	211.7720	Q342.3868	473.2751

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.21158	31.11752	436.4362	9.749184	10.57088	28.68213	30.39162
SDev	.19561	.52589	4.1139	.561499	.10750	1.73637	2.74334
%RSD	1.915557	1.690022	.9426020	5.759448	1.016977	6.053856	9.026646
#1	10.07326	30.74566	433.5272	9.352144	10.49487	27.45433	28.45179
#2	10.34989	31.48939	439.3451	10.14622	10.64690	29.90993	32.33146

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.65864	11.46222	10.12508	29.40349	27.23613	10.41956	29.48567
SDev	3.38454	1.16143	.74102	2.85660	.50730	.92144	.23650
%RSD	15.62675	10.13265	7.318634	9.715179	1.862603	8.843340	.8020701
#1	24.05188	12.28348	9.601104	27.38357	27.59485	11.07111	29.31844
#2	Q19.26541	10.64097	10.64906	31.42341	26.87741	9.768001	29.65290

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	37.33026	32.19823	10.31588	31.54529
SDev	.08256	1.74561	.08723	.81928
%RSD	.2211735	5.421456	.8455620	2.597166
#1	37.27188	33.43257	10.25420	32.12461
#2	37.38864	30.96390	10.37755	30.96597

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 02/09/09 11:38:47
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.509630	416315.2	-1.02525	12.28213	1.134521	-.036452	424957.5
SDev	.244331	1034.9	2.87158	.64720	.000000	.074860	1646.9
%RSD	47.94286	.2485951	280.0867	5.269415	.0000000	205.3648	.3875437
#1	-.336862	415583.4	1.005267	12.73976	1.134521	.0164819	426122.0
#2	-.682398	417047.1	-3.05576	11.82449	1.134521	-.089387	423793.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.09988	-3.16896	1.287770	.6561418	171656.4	40.34863	440989.3
SDev	.52340	.23922	.639270	.1900157	306.5	3.26067	964.8
%RSD	47.58729	7.548777	49.64161	28.95956	.1785466	8.081238	.2187815
#1	-.729778	-2.99981	1.739802	.7905032	171439.7	42.65427	441671.5
#2	-1.46998	-3.33811	.8357380	.5217804	171873.1	38.04299	440307.1

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.169569	-.327240	44.21925	-.741921	2.062621	-.811047	.1780300
SDev	.102985	.315537	1.21892	.760026	.105861	4.739338	1.042213
%RSD	1.123120	96.42359	2.756548	102.4402	5.132344	584.3480	585.4140
#1	9.242391	-.550358	45.08116	-1.27934	1.987766	-4.16227	.9149857
#2	9.096747	-.104122	43.35734	-.204502	2.137476	2.540171	-.558926

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.19604	1.084419	2.550139	.1508875	-2.73891	1.616046	-12.3307
SDev	2.08593	.705941	.511083	6.614220	.98409	.124367	1.3068
%RSD	15.80722	65.09858	20.04137	4383.544	35.92990	7.695777	10.59755
#1	14.67102	1.583595	2.188749	-4.52607	-3.43476	1.528104	-11.4067
#2	11.72107	.5852432	2.911529	4.827847	-2.04305	1.703986	-13.2548

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	23.96857	5.001739	1.328798	-4.40148
SDev	3.67806	1.979007	.042521	.04803
%RSD	15.34535	39.56638	3.199969	1.091321
#1	26.56935	6.401107	1.298731	-4.36751
#2	21.36779	3.602369	1.358865	-4.43544

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 02/09/09 11:44:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	210.3351	410149.4	92.16107	34.99300	471.0697	437.3365	414639.2
SDev	1.4219	1675.2	2.47648	.56758	2.4293	2.7936	3465.6
%RSD	.6760400	.4084371	2.687117	1.621993	.5157075	.6387706	.8358048
#1	209.3297	408964.8	90.40994	34.59165	469.3519	435.3611	412188.7
#2	211.3406	411333.9	93.91221	35.39434	472.7875	439.3118	417089.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	880.9983	434.4826	441.9112	528.5507	168734.2	27.66762	431286.0
SDev	2.8907	4.9493	4.0686	1.6983	656.5	1.63031	2077.9
%RSD	.3281170	1.139129	.9206886	.3213174	.3890563	5.892490	.4817967
#1	878.9542	430.9829	439.0342	527.3497	168270.1	26.51481	429816.7
#2	883.0423	437.9823	444.7881	529.7515	169198.5	28.82042	432755.3

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	456.9276	-2.33530	74.97109	877.0708	45.80524	49.17256	544.9724
SDev	2.1323	1.17800	.69653	4.2710	.96061	7.32489	21.6294
%RSD	.4666565	50.44329	.9290687	.4869564	2.097152	14.89630	3.968894
#1	455.4199	-3.16828	75.46362	874.0508	46.48449	54.35204	529.6782
#2	458.4354	-1.50233	74.47857	880.0908	45.12599	43.99308	560.2667

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.40405	45.59224	45.91078	49.77883	47.95712	445.1033	865.9272
SDev	.53378	2.51211	.18602	11.74860	1.53567	3.0857	8.7398
%RSD	.5369775	5.509948	.4051728	23.60160	3.202172	.6932437	1.009303
#1	99.02662	47.36857	46.04231	58.08634	46.87123	442.9214	859.7473
#2	99.78149	43.81591	45.77924	41.47131	49.04300	447.2852	872.1072

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	251.8954	6.900181	1.354678	-4.17793
SDev	1.6879	1.637194	.041031	.07803
%RSD	.6700764	23.72682	3.028872	1.867743
#1	250.7019	5.742510	1.383692	-4.12276
#2	253.0889	8.057852	1.325665	-4.23311

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/09/09 11:50:14
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.03882	4836.833	511.7058	483.0548	500.4326	497.4993	19018.87
SDev	.15535	13.006	6.0706	.5566	2.1755	.9105	.50
%RSD	.2985192	.2688992	1.186353	.1152323	.4347336	.1830221	.0026142
#1	52.14867	4827.636	507.4132	482.6612	498.8943	496.8554	19019.22
#2	51.92897	4846.030	515.9983	483.4484	501.9710	498.1431	19018.52

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.5976	506.5150	509.4587	487.8795	5041.278	19119.48	18691.52
SDev	.8635	.0930	.4179	1.8989	4.154	110.86	52.97
%RSD	.1718057	.0183620	.0820330	.3892069	.0824047	.5798405	.2833729
#1	501.9870	506.4492	509.7542	486.5367	5038.341	19041.09	18654.07
#2	503.2082	506.5808	509.1631	489.2221	5044.216	19197.87	18728.98

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.0759	508.1289	21493.69	500.8868	493.7791	490.8881	515.9447
SDev	.4119	2.0615	82.56	7.3629	4.2476	4.8751	16.2704
%RSD	.0802812	.4057089	.3841202	1.469974	.8602278	.9931283	3.153521
#1	513.3672	506.6712	21435.32	495.6804	490.7756	487.4408	527.4497
#2	512.7847	509.5866	21552.08	506.0931	496.7826	494.3353	504.4398

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	484.4390	492.3521	494.4908	490.2573	492.1503	499.3567	505.6414
SDev	6.7589	1.7878	5.4757	4.3457	5.9358	.8234	.2361
%RSD	1.395202	.3631170	1.107332	.8864039	1.206088	.1649002	.0466885
#1	489.2182	491.0879	490.6190	487.1845	487.9531	498.7745	505.4744
#2	479.6597	493.6162	498.3627	493.3302	496.3476	499.9390	505.8083

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	524.7640	483.6977	508.9208	498.1913
SDev	4.9431	6.0462	1.0119	.5247
%RSD	.9419665	1.249993	.1988308	.1053119
#1	521.2687	479.4224	508.2053	497.8204
#2	528.2593	487.9730	509.6363	498.5623

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/09/09 11:55:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.262799	7.913751	-.478465	1.092083	.0096146	-.079327	3.283340
SDev	.205407	6.008411	.818011	.175224	.0045324	.012459	.663337
%RSD	78.16112	75.92369	170.9656	16.04495	47.14046	15.70580	20.20312
#1	-.408044	3.665162	-1.05689	1.215985	.0064097	-.088137	3.752390
#2	-.117555	12.16234	.0999557	.9681805	.0128194	-.070518	2.814290

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.139269	.0056165	-.246611	-.688444	7.661706	21.90356	2.173425
SDev	.313437	.5386107	.185966	.010939	11.91388	3.26067	.709419
%RSD	225.0590	9589.740	75.40893	1.588922	155.4990	14.88648	32.64059
#1	-.360903	-.375239	-.378109	-.680709	-.762677	19.59792	1.671790
#2	.0823647	.3864718	-.115113	-.696179	16.08609	24.20920	2.675060

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.050997	2.603043	-3.23218	-.713244	.5949335	.3644833	9.167251
SDev	.000017	.715216	.32650	.470280	.2994727	1.956482	3.804414
%RSD	.0326605	27.47615	10.10152	65.93534	50.33717	536.7823	41.50006
#1	-.050985	3.108777	-3.46305	-.380706	.3831743	-1.01896	11.85738
#2	-.051009	2.097309	-3.00131	-1.04578	.8066927	1.747925	6.477124

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.192858	1.560677	.1121359	1.430742	-1.77224	-.167679	-.113265
SDev	1.039304	.263253	.3176259	1.389047	3.09306	.208144	.078297
%RSD	538.8957	16.86789	283.2509	97.08577	174.5282	124.1323	69.12691
#1	-.927757	1.374529	-.112460	.4485376	-3.95936	-.020499	-.168629
#2	.5420408	1.746825	.3367313	2.412947	.4148828	-.314859	-.057901

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-12.8985	4.104971	.0027370	.1404272
SDev	.1817	2.977558	.0039821	.1506636
%RSD	1.408869	72.53545	145.4933	107.2894
#1	-13.0270	6.210422	-.000079	.2469624
#2	-12.7700	1.999518	.0055528	.0338920

Method: STL3 Sample Name: MB 220-24082/1-A Operator: NP
Run Time: 02/09/09 12:01:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.078476	7.274798	-1.58971	-.025861	.0064097	-.158690	L-13.2506
SDev	.033371	2.029949	2.65717	.058112	.0362589	.000003	.4975
%RSD	42.52390	27.90385	167.1477	224.7089	565.6854	.0017928	3.754540
#1	-.054879	8.710189	.2891890	.0152304	.0320486	-.158692	L-12.8988
#2	-.102073	5.839408	-3.46861	-.066952	-.019229	-.158688	L-13.6024

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1147822	-.444093	-.468522	-.529603	-9.59284	-2.30563	-.669779
SDev	.0508782	.210848	.127916	.077988	4.74007	1.63031	1.891718
%RSD	44.32589	47.47846	27.30192	14.72577	49.41263	70.71014	282.4392
#1	.1507586	-.295001	-.378072	-.474457	L-12.9446	-1.15282	.6678677
#2	.0788059	-.593185	-.558972	-.584748	-6.24110	-3.45843	-2.00743

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.145700	.4759850	-.923485	-.087244	.8273911	-.484483	.9738568
SDev	.010279	.5258941	1.676033	.168573	.3549770	1.417049	1.187001
%RSD	7.054806	110.4854	181.4900	193.2212	42.90317	292.4867	121.8866
#1	-.152968	.8478482	.2616494	.0319557	1.078398	.5175217	1.813193
#2	-.138431	.1041217	-2.10862	-.206443	.5763844	-1.48649	.1345203

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.296806	2.262777	.1101746	1.767323	-4.99596	-.455601	4.453704
SDev	1.448341	1.568220	1.315134	1.229900	1.79205	.231124	.078897
%RSD	487.9750	69.30511	1193.681	69.59113	35.87000	50.72949	1.771489
#1	.7273251	1.153878	1.040115	2.636993	-3.72879	-.292172	4.509492
#2	-1.32094	3.371675	-.819765	.8976521	-6.26313	-.619030	4.397915

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	L-11.4643	2.615814	-.156854	.0754540
SDev	3.2022	3.458841	.000010	.0880911
%RSD	27.93209	132.2281	.0066638	116.7481
#1	-9.19997	.1700447	-.156862	.1377438
#2	L-13.7286	5.061584	-.156847	.0131642

Method: STL3 Sample Name: LCS 220-24082/2-A Operator: NP
Run Time: 02/09/09 12:07:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	319.7309	5915.790	1049.369	1077.316	307.9262	106.6011	31263.50
SDev	.4236	5.069	2.255	.214	.0136	.2249	121.06
%RSD	.1324997	.0856895	.2148687	.0198623	.0044150	.2109415	.3872212
#1	319.4313	5912.206	1047.775	1077.467	307.9166	106.4421	31177.90
#2	320.0304	5919.374	1050.964	1077.165	307.9359	106.7601	31349.10

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	311.1793	315.4489	315.8415	303.8726	25478.85	20659.64	15382.49
SDev	.9205	1.1333	.8947	.2969	2.87	52.17	4.73
%RSD	.2958251	.3592781	.2832869	.0977152	.0112583	.2525206	.0307817
#1	310.5284	314.6476	315.2089	303.6626	25480.88	20622.75	15379.14
#2	311.8303	316.2503	316.4742	304.0826	25476.83	20696.53	15385.84

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	213.0030	1095.970	32977.34	312.7531	1039.663	545.4281	1084.034
SDev	.7210	12.411	9.77	1.5849	.612	.4242	3.995
%RSD	.3384795	1.132434	.0296338	.5067730	.0588971	.0777744	.3685624
#1	212.4932	1087.195	32970.43	311.6323	1040.096	545.7280	1081.209
#2	213.5128	1104.746	32984.25	313.8738	1039.230	545.1281	1086.860

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1033.806	1032.365	1043.305	545.9171	544.4474	313.9551	313.9359
SDev	6.210	1.645	.097	1.9851	2.7024	.0201	1.0992
%RSD	.6006902	.1593202	.0092827	.3636210	.4963652	.0063922	.3501354
#1	1038.197	1033.528	1043.374	547.3208	542.5365	313.9693	313.1586
#2	1029.415	1031.202	1043.237	544.5135	546.3583	313.9409	314.7131

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	553.1466	1086.677	-.664951	1088.612
SDev	5.9900	5.386	.001426	1.565
%RSD	1.082894	.4955991	.2144386	.1437936
#1	548.9110	1082.869	-.665960	1087.505
#2	557.3821	1090.485	-.663943	1089.718

Method: STL3 Sample Name: 220-7915-A-10-M Operator: NP
Run Time: 02/09/09 12:13:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.109400	52170.25	22.32676	21.86339	250.3894	2.706792	86948.25
SDev	.288692	212.75	.78378	.45943	.9155	.024907	383.74
%RSD	263.8860	.4078062	3.510516	2.101362	.3656423	.9201767	.4413470
#1	-.313536	52019.81	22.88098	22.18826	249.7420	2.724404	86676.91
#2	.0947358	52320.69	21.77254	21.53853	251.0368	2.689180	87219.60

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.81120	46.89937	71.56458	117.7942	H108889.2	7636.263	36433.91
SDev	.37848	.16826	.33598	.6387	357.9	17.934	128.67
%RSD	13.46336	.3587703	.4694816	.5422449	.3286380	.2348467	.3531485
#1	-3.07882	46.78039	71.32700	117.3426	H108636.2	7623.582	36342.93
#2	-2.54357	47.01834	71.80215	118.2459	H109142.2	7648.943	36524.89

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2012.718	7.407517	421.1218	105.2381	50.07934	3.074158	4.641315
SDev	3.965	4.396475	.1741	.2762	.67992	.728699	2.715599
%RSD	.1970167	59.35153	.0413473	.2624499	1.357685	23.70403	58.50927
#1	2009.914	10.51629	421.2449	105.0428	49.59856	2.558889	6.561533
#2	2015.522	4.298740	420.9987	105.4334	50.56011	3.589426	2.721096

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.39758	51.78329	49.22784	1.250957	6.724932	81.13185	260.8093
SDev	3.47191	1.79764	1.91685	2.885193	3.590623	.80075	.2135
%RSD	22.54843	3.471474	3.893827	230.6388	53.39270	.9869732	.0818457
#1	17.85259	53.05442	47.87242	-.789182	9.263886	80.56564	260.6584
#2	12.94257	50.51217	50.58325	3.291097	4.185978	81.69807	260.9602

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2537.576	14.02185	240.4502	376.7932
SDev	16.348	6.48886	.4760	.5141
%RSD	.6442182	46.27679	.1979818	.1364416
#1	2526.017	18.61016	240.1136	376.4297
#2	2549.136	9.433530	240.7868	377.1567

Method: STL3 Sample Name: 220-7915-A-10-N DU Operator: NP
Run Time: 02/09/09 12:18:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.098746	55441.14	22.46255	21.66888	267.6027	2.890558	88856.11
SDev	.095902	280.49	2.66334	.38041	.6209	.050062	1027.84
%RSD	97.11931	.5059328	11.85678	1.755553	.2320384	1.731910	1.156747
#1	-.166559	55242.80	24.34582	21.93787	267.1636	2.855159	88129.31
#2	-.030933	55639.48	20.57929	21.39990	268.0417	2.925957	89582.90

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.81726	49.00791	76.42537	119.1402	H115435.3	8143.502	37886.06
SDev	.18289	.50645	.26354	.5475	333.9	76.625	197.30
%RSD	6.491677	1.033410	.3448347	.4595397	.2892656	.9409397	.5207704
#1	-2.94658	48.64979	76.23902	118.7530	H115199.2	8089.320	37746.55
#2	-2.68794	49.36602	76.61173	119.5273	H115671.4	8197.685	38025.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2077.296	2.201431	443.8702	111.0709	53.02635	3.587122	1.087964
SDev	12.566	.820395	3.3520	.9394	1.25235	2.692203	.639890
%RSD	.6049122	37.26644	.7551861	.8457280	2.361757	75.05187	58.81531
#1	2068.411	1.621324	441.4999	110.4067	52.14080	5.490797	.6354940
#2	2086.182	2.781538	446.2404	111.7352	53.91190	1.683448	1.540435

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.26965	54.66566	52.20698	2.214591	6.335106	87.82037	278.2578
SDev	2.91682	2.62870	.56528	4.696354	1.322119	2.10878	4.3832
%RSD	21.98111	4.808688	1.082768	212.0642	20.86972	2.401239	1.575240
#1	15.33215	52.80689	51.80727	5.535415	5.400227	86.32925	275.1584
#2	11.20715	56.52443	52.60669	-1.10623	7.269985	89.31151	281.3572

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2795.112	5.623177	245.4917	411.7596
SDev	23.109	1.422253	1.3474	1.6588
%RSD	.8267672	25.29270	.5488771	.4028597
#1	2778.771	4.617492	244.5389	410.5867
#2	2811.452	6.628861	246.4445	412.9326

Method: STL3 Sample Name: 220-7915-A-10-O MS Operator: NP
Run Time: 02/09/09 12:24:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.925001	56104.48	37.19362	222.6674	670.1044	13.06598	92577.08
SDev	.178354	18.94	.14009	1.3152	.8702	.08731	306.79
%RSD	1.797017	.0337633	.3766417	.5906749	.1298607	.6682036	.3313892
#1	9.798885	56117.88	37.29268	221.7374	669.4891	13.00425	92360.14
#2	10.05112	56091.09	37.09457	223.5974	670.7197	13.12772	92794.01

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.60689	147.2887	114.8750	164.4992	H111202.0	10301.58	40130.52
SDev	.31478	.4169	.5684	.3346	174.2	14.67	130.80
%RSD	1.787806	.2830636	.4947858	.2033963	.1566789	.1424360	.3259250
#1	17.82947	147.5835	114.4731	164.2626	H111078.8	10311.95	40038.04
#2	17.38431	146.9939	115.2769	164.7358	H111325.2	10291.20	40223.01

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2179.769	202.6655	3402.989	205.6167	58.69569	20.98638	70.38094
SDev	3.883	1.8932	9.860	1.8151	1.12665	.33710	1.31080
%RSD	.1781402	.9341587	.2897543	.8827544	1.919480	1.606277	1.862437
#1	2177.023	201.3268	3409.962	204.3332	57.89903	21.22474	71.30782
#2	2182.514	204.0042	3396.017	206.9001	59.49236	20.74801	69.45406

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.33285	60.55284	57.76771	20.40000	22.15979	187.1992	364.7269
SDev	.39847	.31021	1.53426	.20196	1.41697	.7692	1.2516
%RSD	1.195412	.5122990	2.655910	.9899851	6.394342	.4109170	.3431648
#1	33.05109	60.33349	56.68283	20.25719	23.16174	186.6552	363.8419
#2	33.61461	60.77219	58.85260	20.54280	21.15784	187.7431	365.6119

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3492.910	200.3171	253.8454	636.2609
SDev	8.610	2.7933	.0858	.3266
%RSD	.2465120	1.394437	.0337996	.0513347
#1	3486.821	202.2923	253.9061	636.0299
#2	3498.998	198.3419	253.7847	636.4918

Method: STL3 Sample Name: 220-7915-A-10-P MSD Operator: NP
Run Time: 02/09/09 12:30:19
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.872297	56028.59	37.47362	223.2674	670.9313	12.93261	94521.98
SDev	.089346	154.46	3.75809	.0900	.9518	.01263	36.48
%RSD	.9050165	.2756832	10.02862	.0402941	.1418583	.0976384	.0385966
#1	9.809120	55919.37	40.13100	223.3311	671.6042	12.92368	94496.19
#2	9.935474	56137.81	34.81626	223.2038	670.2582	12.94154	94547.78

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.38259	147.2564	115.6404	164.0086	H109789.2	10627.82	40230.96
SDev	.59082	.5660	.2690	.0221	79.0	71.73	17.29
%RSD	3.398937	.3843858	.2326603	.0134600	.0719132	.6749711	.0429793
#1	17.80037	146.8562	115.8307	164.0242	H109845.0	10577.10	40218.74
#2	16.96482	147.6567	115.4502	163.9930	H109733.3	10678.55	40243.19

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2197.546	205.1793	3429.231	203.4535	59.47549	26.27231	76.68917
SDev	4.594	.4838	15.541	1.4495	1.62034	3.44973	.62023
%RSD	.2090333	.2358016	.4532015	.7124245	2.724379	13.13065	.8087570
#1	2194.298	205.5214	3418.242	202.4286	58.32974	28.71164	76.25060
#2	2200.795	204.8372	3440.221	204.4784	60.62124	23.83299	77.12774

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.92985	60.63210	58.89725	24.79309	29.23412	189.9684	361.2900
SDev	2.05524	3.14778	.85776	5.79578	1.24953	.0041	.8670
%RSD	6.866849	5.191602	1.456374	23.37658	4.274212	.0021583	.2399818
#1	28.47658	58.40629	58.29072	28.89132	28.35056	189.9713	361.9031
#2	31.38313	62.85792	59.50378	20.69486	30.11766	189.9655	360.6769

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3795.980	206.0510	258.6672	671.1082
SDev	11.378	1.3843	.5429	.6684
%RSD	.2997454	.6718421	.2098710	.0995891
#1	3787.934	207.0299	258.2834	670.6356
#2	3804.026	205.0721	259.0511	671.5808

Method: STL3 Sample Name: 220-7915-A-10-M PDS Operator: NP
Run Time: 02/09/09 12:36:03
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.94655	54241.99	63.48912	223.0131	2247.136	55.28368	96753.02
SDev	.02342	200.02	3.19461	.6711	3.775	.34902	1168.13
%RSD	.0450825	.3687601	5.031744	.3009201	.1680059	.6313336	1.207337
#1	51.92999	54100.56	61.23019	222.5385	2244.467	55.03688	95927.02
#2	51.96311	54383.43	65.74805	223.4876	2249.806	55.53048	97579.01

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.70023	561.4625	277.5126	376.2457	H109325.3	18332.10	46019.30
SDev	.68856	6.2911	3.4847	.6818	769.4	14.67	115.00
%RSD	1.413868	1.120478	1.255704	.1812099	.7038054	.0800445	.2498925
#1	48.21335	557.0140	275.0485	375.7636	H108781.2	18342.48	45937.98
#2	49.18711	565.9109	279.9767	376.7278	H109869.3	18321.73	46100.61

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2505.847	204.9711	13402.51	613.3853	69.23861	59.91689	300.1306
SDev	11.794	1.1990	1.41	6.0237	1.29257	3.51405	5.7630
%RSD	.4706513	.5849785	.0105570	.9820349	1.866837	5.864881	1.920158
#1	2497.508	204.1232	13401.51	609.1259	68.32462	57.43208	296.0556
#2	2514.186	205.8189	13403.51	617.6446	70.15260	62.40170	304.2057

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	60.74528	70.03313	68.84135	60.87793	57.99072	589.6875	769.8029
SDev	1.98705	2.27151	3.07194	2.67586	5.19296	6.7177	9.0136
%RSD	3.271126	3.243481	4.462344	4.395455	8.954804	1.139202	1.170895
#1	59.34022	71.63934	66.66916	58.98581	54.31875	584.9374	763.4293
#2	62.15034	68.42693	71.01354	62.77005	61.66270	594.4377	776.1765

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2733.998	207.7343	238.3924	573.5520
SDev	12.096	.6139	.7056	1.9947
%RSD	.4424384	.2955143	.2959856	.3477715
#1	2725.445	208.1684	237.8934	572.1415
#2	2742.551	207.3003	238.8913	574.9624

Method: STL3 Sample Name: 220-7915-A-10-M SD@5 Operator: NP
Run Time: 02/09/09 12:41:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.296118	10071.07	3.152370	4.884198	50.31632	.2454558	17783.16
SDev	.255196	63.29	.367903	.312869	.08159	.0000979	188.22
%RSD	86.18053	.6284699	11.67069	6.405730	.1621452	.0398793	1.058426
#1	-.115667	10026.32	2.892224	4.662967	50.37400	.2453866	17650.07
#2	-.476568	10115.83	3.412517	5.105430	50.25863	.2455250	17916.25

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.844139	9.452233	14.66957	22.16537	22397.44	1248.501	7222.065
SDev	.069304	.327286	.48719	.07840	156.40	13.043	35.252
%RSD	8.209971	3.462527	3.321064	.3536922	.6983143	1.044663	.4881167
#1	-.795134	9.220807	14.32508	22.10993	22286.85	1239.279	7197.137
#2	-.893144	9.683660	15.01406	22.22080	22508.04	1257.724	7246.991

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	422.2659	.8478482	56.13213	20.74251	9.393294	1.533445	5.579498
SDev	2.7294	.5048583	.30474	.15646	.985167	.422671	.665921
%RSD	.6463599	59.54583	.5428903	.7543154	10.48798	27.56348	11.93513
#1	420.3359	1.204837	55.91665	20.63187	10.08991	1.234572	6.050376
#2	424.1958	.4908594	56.34761	20.85315	8.696676	1.832318	5.108622

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.758161	11.21126	8.485123	2.289808	.0173469	17.17470	54.01118
SDev	3.016767	1.16493	2.058535	.043077	1.182856	.10779	.38441
%RSD	63.40196	10.39073	24.26053	1.881269	6818.847	.6275901	.7117261
#1	2.624985	10.38753	9.940727	2.259347	-.819058	17.25091	53.73936
#2	6.891338	12.03499	7.029519	2.320268	.8537521	17.09848	54.28300

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	507.9437	2.666360	48.93254	77.66794
SDev	.4003	.237041	.36906	.37874
%RSD	.0788110	8.890059	.7542180	.4876423
#1	507.6607	2.833973	48.67157	77.40013
#2	508.2268	2.498746	49.19350	77.93575

Method: STL3 Sample Name: 220-7945-A-7-A Operator: NP
Run Time: 02/09/09 12:47:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.121250	407.9933	9.391516	72.97539	18.06260	-.312845	55624.60
SDev	.261091	3.4670	2.242477	.94596	.01813	.074869	460.19
%RSD	215.3325	.8497632	23.87769	1.296267	.1003763	23.93173	.8273110
#1	.0633690	410.4448	10.97719	72.30650	18.04978	-.259905	55299.19
#2	-.305869	405.5417	7.805845	73.64428	18.07542	-.365786	55950.00

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.872190	1.323432	27.98817	37.35206	1261.259	17225.40	10628.51
SDev	.079036	.182029	.16278	.14570	7.789	37.50	40.20
%RSD	9.061799	13.75430	.5816121	.3900793	.6175683	.2176866	.3782618
#1	-.928077	1.452145	28.10328	37.24903	1255.751	17198.88	10600.08
#2	-.816303	1.194718	27.87307	37.45509	1266.767	17251.91	10656.93

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	83.65465	4.893722	H199697.6	12.43573	6.036749	6.959357	5.284189
SDev	.52532	.883502	223.2	.55598	1.568644	.373370	2.497169
%RSD	.6279672	18.05379	.1117758	4.470834	25.98491	5.365014	47.25737
#1	83.28319	5.518452	H199539.8	12.82887	4.927550	7.223370	7.049954
#2	84.02611	4.268991	H199855.5	12.04260	7.145948	6.695344	3.518424

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.56952	18.96504	-.418506	10.34014	.1866428	32.38550	4.567016
SDev	.07219	.52357	2.090397	1.11092	1.103947	.46674	.157783
%RSD	1.098797	2.760720	499.4907	10.74379	591.4760	1.441189	3.454837
#1	-6.62057	18.59482	-1.89664	11.12568	-.593966	32.05547	4.678585
#2	-6.51848	19.33526	1.059628	9.554597	.9672515	32.71553	4.455446

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	94725.56	L-16.1827	418.0337	34.34402
SDev	183.17	1.1427	1.1649	.06224
%RSD	.1933673	7.061210	.2786691	.1812245
#1	94596.05	L-15.3747	417.2100	34.30001
#2	94855.09	L-16.9907	418.8574	34.38803

Method: STL3 Sample Name: 220-7915-A-12-D Operator: NP
Run Time: 02/09/09 12:53:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.465253	62220.48	27.03999	16.39397	302.5870	2.720062	44012.94
SDev	.138652	82.84	.10206	.03908	.0317	.024930	194.69
%RSD	29.80144	.1331337	.3774463	.2383550	.0104905	.9165182	.4423452
#1	-.367212	62279.06	27.11216	16.36634	302.6094	2.737690	43875.28
#2	-.563295	62161.91	26.96782	16.42161	302.5645	2.702434	44150.61

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.39737	52.12388	85.21759	139.6215	H136505.8	7579.775	33065.87
SDev	.25972	.33026	.44141	.2572	19.5	3.261	34.77
%RSD	5.906324	.6336033	.5179772	.1842140	.0142694	.0430184	.1051530
#1	-4.58102	51.89035	84.90546	139.8033	H136519.6	7582.081	33041.29
#2	-4.21372	52.35741	85.52971	139.4396	H136492.0	7577.469	33090.46

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2760.290	1.517202	470.2971	123.6240	66.64294	.0596757	.8015125
SDev	1.112	.610037	17.1303	2.4035	.61898	2.199087	.4998876
%RSD	.0402957	40.20804	3.642445	1.944216	.9288047	3685.060	62.36803
#1	2759.503	1.085841	482.4100	121.9244	67.08063	-1.49531	1.154986
#2	2761.076	1.948564	458.1841	125.3235	66.20525	1.614665	.4480386

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.85214	66.71711	66.60512	-3.66917	7.527563	89.26015	312.9721
SDev	3.59475	1.06420	1.45931	3.94763	1.303251	.38255	1.3426
%RSD	22.67675	1.595092	2.190986	107.5892	17.31305	.4285792	.4289952
#1	18.39401	65.96461	67.63700	-6.46057	8.449101	88.98964	312.0227
#2	13.31026	67.46961	65.57323	-.877773	6.606026	89.53065	313.9215

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3030.354	5.937119	127.5204	284.6379
SDev	3.354	1.293198	.0118	.2357
%RSD	.1106833	21.78157	.0092395	.0828027
#1	3032.725	5.022689	127.5121	284.4712
#2	3027.982	6.851547	127.5288	284.8045

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 02/09/09 12:58:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.90139	4742.977	515.4727	479.3200	491.1738	490.0376	18870.41
SDev	.60606	19.146	.9283	3.0643	1.8265	3.9042	195.52
%RSD	1.167724	.4036724	.1800775	.6393035	.3718698	.7967217	1.036115
#1	51.47284	4729.439	516.1290	477.1531	489.8822	487.2769	18732.16
#2	52.32995	4756.516	514.8163	481.4867	492.4653	492.7983	19008.67

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.6648	509.0245	506.0717	483.9364	5003.814	19023.79	18532.33
SDev	4.7375	4.8872	5.1607	3.1167	10.657	86.41	60.56
%RSD	.9443503	.9601089	1.019762	.6440316	.2129778	.4542096	.3268017
#1	498.3149	505.5687	502.4226	481.7325	5011.349	18962.69	18489.51
#2	505.0147	512.4802	509.7209	486.1402	4996.278	19084.89	18575.16

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.3547	507.8314	21221.72	491.3401	493.3935	487.0837	482.6780
SDev	4.2953	3.7864	87.02	4.4035	2.4672	4.6785	7.9750
%RSD	.8383480	.7456044	.4100633	.8962295	.5000410	.9605074	1.652249
#1	509.3175	505.1540	21160.18	488.2264	491.6490	483.7756	477.0388
#2	515.3920	510.5088	21283.25	494.4539	495.1381	490.3919	488.3172

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488.6749	492.2188	493.9792	486.4971	488.2577	497.2635	502.2446
SDev	8.7519	.4518	3.9244	3.8275	6.3830	4.2496	4.4136
%RSD	1.790952	.0917892	.7944446	.7867467	1.307296	.8546037	.8787817
#1	494.8635	492.5382	491.2042	483.7907	483.7443	494.2586	499.1237
#2	482.4864	491.8993	496.7541	489.2036	492.7712	500.2685	505.3655

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	582.4826	483.5242	507.2208	495.9976
SDev	27.5123	8.0939	2.0276	2.9460
%RSD	4.723289	1.673948	.3997432	.5939613
#1	601.9368	477.8010	505.7871	493.9144
#2	563.0284	489.2475	508.6545	498.0808

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 02/09/09 13:04:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.086189	25.47141	-2.38394	1.733637	.0352535	-.511482	3.635126
SDev	.088753	.91517	2.84669	.115143	.0135971	.074885	.497500
%RSD	102.9753	3.592916	119.4109	6.641687	38.56945	14.64077	13.68592
#1	-.148947	24.82429	-4.39686	1.815055	.0448680	-.458530	3.986912
#2	-.023431	26.11853	-.371030	1.652219	.0256389	-.564434	3.283340

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.100132	.0671216	-.049364	-1.03576	8.640193	25.36198	-.836245
SDev	.048317	.2084119	.232483	.05560	8.905542	4.89098	1.182431
%RSD	48.25342	310.4991	470.9606	5.368140	103.0711	19.28470	141.3977
#1	-.065966	-.080248	-.213754	-.996440	14.93736	21.90353	-1.67235
#2	-.134297	.2144910	.1150269	-1.07507	2.343023	28.82042	-.000140

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.029148	1.770069	17.20748	-.602793	-.151244	-1.00803	6.270059
SDev	.010308	.841431	2.59023	.268659	.468513	.29511	1.538587
%RSD	35.36433	47.53659	15.05291	44.56898	309.7722	29.27632	24.53863
#1	-.036436	2.365051	19.03905	-.412823	.1800444	-1.21670	7.358004
#2	-.021859	1.175088	15.37592	-.792763	-.482533	-.799351	5.182114

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.53494	1.090060	-.771666	-.939848	-1.14559	-.176456	-.781446
SDev	1.72289	1.482223	.037582	1.448109	2.01434	.091545	.079622
%RSD	26.36435	135.9763	4.870235	154.0791	175.8338	51.87978	10.18904
#1	-7.75321	2.138149	-.798240	-1.96382	.2787603	-.241188	-.837747
#2	-5.31667	.0419700	-.745091	.0841200	-2.56995	-.111724	-.725145

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.60832	4.147550	.0139534	.1611039
SDev	2.40021	4.120925	.0039578	.1726833
%RSD	66.51887	99.35807	28.36411	107.1875
#1	-1.91111	7.061484	.0167519	.2832094
#2	-5.30552	1.233615	.0111548	.0389984

Method: STL3 Sample Name: 220-7930-B-3-B Operator: NP
Run Time: 02/09/09 13:10:25
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.333305	51736.54	2.806998	53.86136	1606.943	3.485775	51850.05
SDev	.099641	230.56	1.072738	1.10965	5.013	.037399	351.57
%RSD	29.89476	.4456444	38.21656	2.060198	.3119438	1.072892	.6780518
#1	-.403762	51899.57	3.565539	54.64600	1610.487	3.512219	52098.64
#2	-.262849	51573.51	2.048458	53.07671	1603.398	3.459330	51601.45

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.30560	47.74795	87.45157	36.16650	96758.27	10027.20	31855.60
SDev	.11088	.42370	.33712	.15719	304.49	4.89	83.72
%RSD	3.354309	.8873775	.3854881	.4346387	.3146882	.0487778	.2628033
#1	-3.22719	48.04756	87.68995	36.05534	96973.57	10030.66	31914.80
#2	-3.38400	47.44835	87.21320	36.27765	96542.96	10023.75	31796.40

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1794.399	1.264335	906.0253	113.7745	55.23568	1.400499	1.428285
SDev	.927	1.977362	3.4173	.4685	1.31562	.893744	.350741
%RSD	.0516583	156.3954	.3771775	.4117560	2.381822	63.81614	24.55679
#1	1795.054	2.662541	908.4416	114.1058	56.16596	.7685260	1.180274
#2	1793.743	-.133871	903.6088	113.4432	54.30540	2.032471	1.676297

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.20724	56.64856	54.52975	.3118116	3.580141	92.82585	256.6806
SDev	1.48828	1.31222	1.31724	1.421336	.163023	.31727	1.7885
%RSD	10.47547	2.316426	2.415630	455.8316	4.553526	.3417942	.6967779
#1	13.15487	57.57644	55.46117	-.693224	3.695416	93.05020	257.9452
#2	15.25961	55.72068	53.59832	1.316848	3.464867	92.60151	255.4159

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2519.506	6.220910	107.2064	586.0306
SDev	10.920	.023926	.1474	.0517
%RSD	.4334087	.3846103	.1374685	.0088301
#1	2527.228	6.203992	107.3106	586.0673
#2	2511.785	6.237829	107.1022	585.9941

Method: STL3 Sample Name: 220-7930-A-5-B Operator: NP
Run Time: 02/09/09 13:16:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.212131	31549.72	1.623232	40.36501	308.1987	2.069591	55931.48
SDev	.027608	70.91	1.628156	.30416	.9880	.062346	239.13
%RSD	13.01437	.2247549	100.3033	.7535205	.3205875	3.012487	.4275444
#1	-.231652	31499.58	.4719520	40.58009	307.5000	2.025505	55762.38
#2	-.192610	31599.86	2.774512	40.14994	308.8973	2.113676	56100.57

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.50306	30.37812	55.08798	46.90994	62832.57	6482.292	18994.97
SDev	.05119	.38901	.00055	.04474	54.49	22.825	40.90
%RSD	2.045119	1.280549	.0009940	.0953722	.0867160	.3521064	.2153364
#1	-2.46686	30.10305	55.08760	46.87830	62871.10	6466.153	18966.05
#2	-2.53926	30.65319	55.08837	46.94157	62794.05	6498.432	19023.90

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1447.233	1.383331	642.1411	68.81016	38.56396	.7949182	-.204603
SDev	1.071	.042072	2.4814	.19107	.08864	.9095157	.298752
%RSD	.0740164	3.041329	.3864312	.2776812	.2298429	114.4163	146.0157
#1	1447.991	1.413081	640.3865	68.67506	38.50129	1.438043	-.415852
#2	1446.476	1.353582	643.8958	68.94527	38.62664	.1517934	.0066469

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.297383	38.88847	38.40135	2.000908	-1.62188	65.62517	157.6422
SDev	4.955127	1.15700	.71052	1.469244	.21162	.60173	1.1818
%RSD	93.53915	2.975162	1.850245	73.42888	13.04790	.9169200	.7496826
#1	1.793579	39.70659	37.89894	3.039820	-1.77152	65.19968	156.8066
#2	8.801187	38.07035	38.90376	.9619952	-1.47224	66.05065	158.4779

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2298.574	4.864521	74.32207	552.2627
SDev	13.040	.752796	.05847	.1841
%RSD	.5673252	15.47524	.0786695	.0333302
#1	2289.353	5.396829	74.28072	552.1325
#2	2307.795	4.332214	74.36341	552.3928

Method: STL3 Sample Name: 220-7930-A-8-B Operator: NP
Run Time: 02/09/09 13:21:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.110869	24661.99	243.8978	6.547290	312.3618	.7898994	19558.98
SDev	.005676	101.85	1.5588	.715620	1.1558	.0629483	136.81
%RSD	5.119597	.4129765	.6391134	10.93002	.3700067	7.969149	.6994882
#1	-.114882	24589.98	242.7955	6.041270	311.5445	.7453883	19462.24
#2	-.106855	24734.01	245.0000	7.053310	313.1790	.8344105	19655.72

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.36500	13.52950	49.85176	39.71471	33782.72	939.5463	8466.968
SDev	.57829	.02128	.11573	.00019	190.04	.0000	35.246
%RSD	42.36539	.1573092	.2321574	.0004822	.5625457	.0000000	.4162793
#1	-1.77391	13.51445	49.76992	39.71458	33648.34	939.5463	8442.045
#2	-.956088	13.54455	49.93360	39.71485	33917.10	939.5463	8491.891

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	450.3615	3.540139	241.0280	34.52842	86.12299	2.817433	.5532301
SDev	1.7303	.483823	.8489	.00807	2.17019	2.615247	1.079091
%RSD	.3842133	13.66677	.3522012	.0233817	2.519869	92.82375	195.0528
#1	449.1380	3.882253	240.4278	34.52271	84.58843	.9681742	-.209803
#2	451.5851	3.198024	241.6283	34.53413	87.65754	4.666692	1.316263

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.753451	87.39978	85.48474	3.515112	1.418779	76.59377	137.9446
SDev	1.320637	2.76283	1.87431	3.416702	1.009930	.39278	1.8773
%RSD	35.18461	3.161137	2.192565	97.20039	71.18304	.5128151	1.360895
#1	4.687283	85.44617	84.15941	1.099139	.7046509	76.31602	136.6172
#2	2.819620	89.35339	86.81008	5.931086	2.132908	76.87151	139.2721

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2851.022	5.313784	61.74084	668.3807
SDev	14.982	.865232	.16379	2.7111
%RSD	.5254836	16.28279	.2652930	.4056190
#1	2840.428	5.925595	61.62502	666.4638
#2	2861.615	4.701973	61.85666	670.2978

Method: STL3 Sample Name: 220-7946-A-9-A Operator: NP
Run Time: 02/09/09 13:27:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.100931	22633.20	4.356632	4.153539	43.39702	.1839738	1140.492
SDev	.099927	11.52	.317245	.150289	.16770	.0623280	.663
%RSD	99.00490	.0508842	7.281880	3.618334	.3864257	33.87875	.0581630
#1	-.171590	22625.06	4.580958	4.259809	43.51560	.2280464	1140.961
#2	-.030272	22641.34	4.132306	4.047268	43.27844	.1399012	1140.023

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.03432	16.86579	24.73362	11.10484	21522.97	937.2406	3116.415
SDev	.03098	.41866	.29085	.21209	47.25	3.2607	1.418
%RSD	2.994874	2.482313	1.175918	1.909854	.2195416	.3479044	.0455014
#1	-1.05622	16.56976	24.93928	11.25481	21556.38	934.9349	3117.417
#2	-1.01242	17.16183	24.52796	10.95488	21489.55	939.5463	3115.412

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	353.9827	.8775972	60.98040	19.68990	14.24724	-.322717	-1.16020
SDev	.1132	.8414308	.54417	.20340	.39011	4.061140	.25036
%RSD	.0319802	95.87893	.8923606	1.033003	2.738167	1258.420	21.57878
#1	353.9027	1.472579	61.36518	19.54608	14.52309	2.548943	-1.33723
#2	354.0628	.2826158	60.59562	19.83373	13.97139	-3.19438	-.983171

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.370735	15.12155	13.81019	.2220490	-1.41479	35.14143	44.22923
SDev	.014162	.07647	.62299	5.933027	.31189	.98549	.39574
%RSD	.5973823	.5057103	4.511068	2671.945	22.04493	2.804366	.8947492
#1	2.380750	15.06748	14.25071	4.417333	-1.19425	35.83828	43.94940
#2	2.360721	15.17562	13.36967	-3.97323	-1.63533	34.44458	44.50906

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2437.099	.8525242	10.84626	700.1269
SDev	1.895	1.114113	.03173	.2719
%RSD	.0777421	130.6841	.2925509	.0388293
#1	2435.759	1.640321	10.86870	700.3192
#2	2438.438	.0647271	10.82383	699.9348

Method: STL3 Sample Name: 220-7946-A-10-A Operator: NP
Run Time: 02/09/09 13:33:21
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.465306	17760.16	7.687921	12.62893	110.2793	.2845568	4027.838
SDev	.016523	86.59	1.893927	.62127	.1269	.0742822	26.368
%RSD	.4768243	.4875762	24.63510	4.919409	.1150780	26.10451	.6546364
#1	3.453622	17821.40	9.027130	13.06823	110.3690	.2320313	4009.193
#2	3.476990	17698.93	6.348712	12.18963	110.1895	.3370822	4046.483

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	449.4767	9.077297	758.4434	76.74336	51684.07	838.0983	2402.168
SDev	.9276	.064873	4.4521	.06705	184.23	3.2607	9.687
%RSD	.2063836	.7146742	.5870034	.0873646	.3564574	.3890595	.4032744
#1	450.1326	9.031424	755.2952	76.79077	51814.34	835.7927	2395.318
#2	448.8207	9.123169	761.5914	76.69595	51553.80	840.4040	2409.018

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	392.8304	2.915408	91.03963	81.33593	123.5325	3.493955	.3237625
SDev	1.2668	.147250	.74005	.18091	1.7314	.322294	.8538350
%RSD	.3224872	5.050766	.8128908	.2224221	1.401609	9.224320	263.7226
#1	393.7262	2.811286	91.56293	81.20801	122.3082	3.266059	-.279990
#2	391.9347	3.019530	90.51633	81.46385	124.7569	3.721851	.9275150

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.040350	125.2546	122.6719	4.332504	1.813238	41.16802	297.0469
SDev	2.613167	.1189	2.6552	.412600	.141551	.17992	1.6698
%RSD	32.50067	.0949277	2.164437	9.523364	7.806552	.4370297	.5621471
#1	9.888138	125.3387	120.7945	4.040751	1.713146	41.04080	295.8662
#2	6.192561	125.1705	124.5494	4.624256	1.913330	41.29524	298.2277

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2352.545	7.277775	36.58344	641.5646
SDev	7.753	.427515	.12753	2.3333
%RSD	.3295641	5.874259	.3486085	.3636912
#1	2347.063	7.580074	36.67362	643.2145
#2	2358.027	6.975476	36.49326	639.9147

Method: STL3 Sample Name: 220-7946-A-11-A Operator: NP
Run Time: 02/09/09 13:39:04
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0384394	14641.49	5.266406	3.585555	37.65391	.0997102	773.9303
SDev	.0276447	21.17	.377968	.425635	.00453	.1252920	4.9750
%RSD	71.91763	.1446059	7.176954	11.87082	.0120421	125.6561	.6428277
#1	.0579872	14656.47	4.999143	3.284586	37.65070	.0111154	770.4124
#2	.0188916	14626.52	5.533670	3.886524	37.65712	.1883050	777.4482

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.36422	7.372286	45.62216	15.71786	18613.91	871.5300	2760.313
SDev	.11932	.022547	.67374	.10058	8.34	4.8910	1.662
%RSD	1.151244	.3058284	1.476788	.6399387	.0448289	.5611980	.0602022
#1	10.44859	7.356343	45.14576	15.78898	18619.81	868.0715	2759.138
#2	10.27985	7.388229	46.09857	15.64673	18608.01	874.9885	2761.488

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	232.5754	2.290678	49.19064	19.37461	17.86374	3.208130	-1.47343
SDev	1.0403	.189322	.28297	.51702	1.20144	3.532803	.62867
%RSD	.4472912	8.264880	.5752419	2.668528	6.725563	110.1203	42.66711
#1	231.8398	2.156807	48.99056	19.74020	17.01420	5.706199	-1.02889
#2	233.3110	2.424549	49.39073	19.00903	18.71329	.7100611	-1.91797

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.222708	18.39130	17.59976	5.060218	-.502608	25.28264	44.25621
SDev	5.109990	1.27579	2.43819	4.027895	2.541133	.40264	.00146
%RSD	121.0122	6.936913	13.85356	79.59924	505.5891	1.592536	.0032913
#1	7.836016	19.29342	15.87570	7.908370	1.294244	24.99794	44.25518
#2	.6093993	17.48918	19.32382	2.212066	-2.29946	25.56735	44.25724

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2060.042	.9185115	6.959315	751.2843
SDev	9.501	1.927858	.031641	2.6265
%RSD	.4611903	209.8894	.4546591	.3495999
#1	2053.324	-.444690	6.936941	749.4271
#2	2066.760	2.281713	6.981688	753.1415

Method: STL3 Sample Name: 220-7946-A-12-A Operator: NP
Run Time: 02/09/09 13:44:48
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.845225	21389.38	13.17819	10.82841	135.4887	.4764163	6065.034
SDev	.022326	131.95	1.19775	.16043	.2810	.0001258	34.162
%RSD	.7846723	.6168755	9.088849	1.481563	.2074084	.0264072	.5632574
#1	2.829438	21296.08	12.33126	10.71497	135.2900	.4763274	6040.878
#2	2.861012	21482.68	14.02513	10.94186	135.6874	.4765053	6089.190

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	274.1713	11.42679	643.6102	162.1205	38214.22	952.2272	3056.967
SDev	.1357	.05558	2.6964	.2122	122.78	8.1516	15.380
%RSD	.0494831	.4863879	.4189434	.1309029	.3213005	.8560542	.5031217
#1	274.2673	11.38749	641.7036	162.2706	38127.40	946.4632	3046.091
#2	274.0754	11.46609	645.5168	161.9705	38301.04	957.9913	3067.842

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	497.0132	3.198024	123.8077	172.2488	151.3703	3.575869	-.647496
SDev	1.4627	.084143	1.2842	1.6820	.0396	1.891150	.715674
%RSD	.2942941	2.631098	1.037279	.9764884	.0261310	52.88646	110.5295
#1	495.9790	3.138526	122.8997	171.0595	151.3424	4.913114	-1.15355
#2	498.0475	3.257523	124.7158	173.4382	151.3983	2.238624	-.141438

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5026627	153.1593	150.4764	5.857878	-.996202	46.94632	624.3242
SDev	5.824251	.5795	.3486	3.309992	.950792	1.42742	4.9532
%RSD	1158.680	.3783843	.2316936	56.50496	95.44169	3.040536	.7933768
#1	4.621030	153.5691	150.2298	8.198396	-1.66851	45.93698	620.8217
#2	-3.61570	152.7495	150.7229	3.517360	-.323891	47.95566	627.8267

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2371.038	9.621546	48.19654	711.3269
SDev	7.549	.567629	.07865	1.1676
%RSD	.3183876	5.899562	.1631763	.1641449
#1	2365.700	10.02292	48.14093	710.5013
#2	2376.376	9.220171	48.25215	712.1525

Method: STL3 Sample Name: 220-7946-A-21-A Operator: NP
Run Time: 02/09/09 13:50:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3063973	22742.82	17.00588	6.380716	90.46040	.6112403	2459.926
SDev	.2221933	19.11	.90518	.417783	.04533	.0868682	19.237
%RSD	72.51804	.0840319	5.322752	6.547591	.0501071	14.21180	.7820112
#1	.1492829	22729.31	16.36582	6.085299	90.49246	.6726654	2446.323
#2	.4635117	22756.33	17.64594	6.676133	90.42835	.5498151	2473.528

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.89175	10.25105	528.9246	202.1659	41473.39	939.5463	3513.846
SDev	.08866	.32070	2.7194	.0779	264.19	3.2607	11.596
%RSD	.2540947	3.128503	.5141392	.0385545	.6370176	.3470461	.3300127
#1	34.95444	10.02428	527.0017	202.2210	41286.58	937.2406	3505.646
#2	34.82906	10.47782	530.8475	202.1107	41660.20	941.8519	3522.046

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	349.1633	5.325083	230.8082	33.37983	134.8962	3.525993	1.547937
SDev	1.4318	.525894	.1088	.03582	.3816	2.250107	1.013785
%RSD	.4100538	9.875794	.0471490	.1073147	.2828889	63.81483	65.49268
#1	348.1509	5.696946	230.7312	33.40516	135.1661	5.117059	.8310825
#2	350.1757	4.953219	230.8851	33.35450	134.6264	1.934928	2.264791

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.839444	136.2959	134.1966	5.285567	.0004616	55.46721	208.7581
SDev	5.579803	1.2803	1.2113	2.929686	.8890490	1.04294	1.7999
%RSD	63.12391	.9393406	.9026341	55.42804	192610.6	1.880284	.8622142
#1	12.78496	135.3906	135.0531	7.357168	.6291142	54.72974	207.4853
#2	4.893928	137.2012	133.3401	3.213966	-.628191	56.20468	210.0308

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2340.490	8.943870	27.13510	802.7229
SDev	3.691	.382917	.05912	2.3727
%RSD	.1576979	4.281337	.2178737	.2955783
#1	2337.880	9.214634	27.09329	801.0452
#2	2343.100	8.673107	27.17690	804.4006

Method: STL3 Sample Name: 220-7946-A-22-A Operator: NP
Run Time: 02/09/09 13:56:14
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2915644	21317.57	16.44811	12.49999	101.8024	.5128483	9256.089
SDev	.4108864	198.63	.53239	.22518	.0227	.0244995	28.026
%RSD	140.9248	.9317762	3.236808	1.801464	.0222570	4.777144	.3027846
#1	.5821049	21177.12	16.07165	12.34077	101.7864	.5301720	9236.272
#2	.0010238	21458.03	16.82457	12.65922	101.8184	.4955245	9275.906

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.28265	10.10118	700.1710	118.4329	42679.31	1114.774	6914.654
SDev	.27620	.12483	1.0923	.2013	67.80	9.782	8.275
%RSD	.6532233	1.235845	.1559979	.1699572	.1588642	.8774885	.1196686
#1	42.47795	10.18945	699.3986	118.5752	42631.37	1107.858	6920.505
#2	42.08734	10.01291	700.9433	118.2906	42727.26	1121.691	6908.803

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	358.2526	5.161463	261.2830	43.41380	167.8160	2.762803	-.046004
SDev	.1957	.210358	2.6338	.45008	1.4407	2.959328	.841476
%RSD	.0546147	4.075549	1.008011	1.036727	.8585202	107.1132	1829.134
#1	358.1143	5.012717	259.4206	43.73205	166.7973	4.855364	.5490093
#2	358.3910	5.310208	263.1453	43.09554	168.8348	.6702424	-.641017

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.250474	168.4279	167.5100	4.498269	-.714439	58.23160	298.4401
SDev	5.290338	1.6419	1.3403	4.144769	.584745	.57539	.4021
%RSD	423.0668	.9748616	.8001151	92.14143	81.84665	.9881110	.1347433
#1	4.991307	167.2669	166.5622	7.429063	-.300962	58.63846	298.7245
#2	-2.49036	169.5889	168.4577	1.567474	-1.12792	57.82473	298.1558

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2100.334	6.367696	33.45165	797.9408
SDev	1.028	.327497	.09862	1.6898
%RSD	.0489626	5.143093	.2948042	.2117676
#1	2099.606	6.599271	33.38192	796.7459
#2	2101.061	6.136121	33.52139	799.1356

Method: STL3 Sample Name: 220-7946-A-23-A Operator: NP
Run Time: 02/09/09 14:01:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0857984	22397.80	9.932394	5.421181	97.05601	.6027895	2227.981
SDev	.2282953	116.40	1.413650	.122151	.57108	.0389180	21.890
%RSD	266.0834	.5197086	14.23273	2.253224	.5884050	6.456314	.9825160
#1	-.075631	22315.49	10.93200	5.334807	96.65219	.5752703	2212.502
#2	.2472275	22480.11	8.932792	5.507555	97.45982	.6303086	2243.460

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.15408	12.46695	438.6596	123.4824	35354.36	1590.888	4137.990
SDev	.28132	.31122	2.6250	.8379	325.88	11.412	27.223
%RSD	1.214990	2.496337	.5984139	.6785699	.9217600	.7173421	.6578861
#1	22.95516	12.24688	436.8034	122.8899	35123.92	1582.819	4118.741
#2	23.35300	12.68701	440.5158	124.0749	35584.79	1598.958	4157.240

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	575.4728	3.034404	105.8461	38.65334	92.87978	3.818614	.3350333
SDev	4.5216	.525894	.0000	.19830	2.56529	.189210	.8456885
%RSD	.7857145	17.33105	.0000000	.5130267	2.761941	4.954944	252.4192
#1	572.2756	2.662541	105.8461	38.51312	94.69371	3.684823	-.262959
#2	578.6700	3.406268	105.8461	38.79356	91.06585	3.952406	.9330254

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.564823	94.37520	92.13225	5.567137	.3151178	52.76754	186.6391
SDev	3.284138	.88813	4.28933	.185794	.1957704	.00008	2.0295
%RSD	92.12627	.9410621	4.655626	3.337331	62.12610	.0001431	1.087376
#1	5.887059	93.74719	95.16526	5.435760	.1766872	52.76760	185.2041
#2	1.242586	95.00320	89.09923	5.698513	.4535484	52.76749	188.0742

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2189.045	4.454432	20.34679	994.8832
SDev	16.786	2.751215	.10271	6.5198
%RSD	.7668192	61.76354	.5048113	.6553295
#1	2177.175	2.509029	20.27416	990.2731
#2	2200.915	6.399835	20.41942	999.4934

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 02/09/09 14:07:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.68252	4746.651	514.3467	481.9780	490.5424	491.6519	19074.57
SDev	.32859	43.624	6.5627	2.8832	3.4718	4.7399	261.69
%RSD	.6357836	.9190437	1.275926	.5982005	.7077493	.9640700	1.371911
#1	51.45017	4715.804	509.7062	479.9393	488.0875	488.3003	18889.53
#2	51.91486	4777.498	518.9872	484.0168	492.9974	495.0035	19259.61

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.7589	512.2127	509.6458	480.9871	4998.878	18984.60	18489.38
SDev	3.7295	6.8681	8.2647	3.4173	23.635	200.53	184.71
%RSD	.7403318	1.340876	1.621651	.7104858	.4727973	1.056276	.9990109
#1	501.1218	507.3561	503.8017	478.5707	4982.166	18842.80	18358.77
#2	506.3961	517.0692	515.4897	483.4035	5015.590	19126.39	18619.99

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.7412	513.0077	21373.10	495.0279	498.9648	488.9218	482.6038
SDev	3.9350	6.6894	207.17	7.8280	6.8110	1.3401	6.6681
%RSD	.7629811	1.303952	.9693210	1.581334	1.365021	.2740863	1.381701
#1	512.9587	508.2776	21226.61	489.4927	494.1487	489.8694	477.8887
#2	518.5237	517.7378	21519.60	500.5632	503.7809	487.9742	487.3188

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	499.7523	498.1848	499.3534	487.6746	491.4189	496.6268	506.2557
SDev	10.2385	4.3827	8.0232	5.4561	6.9044	6.4096	8.8233
%RSD	2.048707	.8797360	1.606715	1.118800	1.404995	1.290632	1.742863
#1	492.5127	495.0858	493.6801	491.5327	486.5368	492.0945	500.0166
#2	506.9920	501.2839	505.0266	483.8166	496.3011	501.1591	512.4947

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	524.7490	479.9100	507.9067	497.1059
SDev	8.0170	.3861	4.0262	3.7448
%RSD	1.527772	.0804560	.7927007	.7533178
#1	519.0802	480.1830	505.0598	494.4579
#2	530.4179	479.6369	510.7537	499.7539

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 02/09/09 14:13:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.215832	26.11924	-.021883	1.324847	.0192292	-.626104	1.055359
SDev	.027570	5.49456	.891961	.462337	.0090647	.037377	.165834
%RSD	12.77403	21.03645	4075.984	34.89738	47.14045	5.969716	15.71354
#1	-.235327	30.00449	-.652595	1.651769	.0256389	-.652533	1.172621
#2	-.196337	22.23400	.6088285	.9979254	.0128194	-.599675	.9380960

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1949864	-.103606	.0328800	-1.36752	.2032709	13.83383	1.002617
SDev	.2530085	.213329	.0464976	.01056	10.26593	1.63031	.472880
%RSD	129.7570	205.9042	141.4159	.7723788	5050.367	11.78496	47.16455
#1	.3738904	.0472405	.0000013	-1.36005	7.462377	12.68103	.6682406
#2	.0160824	-.254453	.0657588	-1.37499	-7.05584	14.98664	1.336994

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.101976	1.368457	-4.41731	-.515287	.3394136	-2.22998	5.612180
SDev	.010290	1.619754	.78360	.033776	1.402316	.54759	2.975431
%RSD	10.09063	118.3635	17.73921	6.554760	413.1584	24.55610	53.01738
#1	-.094700	2.513796	-3.86323	-.491404	-.652173	-1.84277	7.716127
#2	-.109252	.2231179	-4.97140	-.539170	1.331001	-2.61718	3.508233

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.02457	.9552791	.0313429	-1.86584	-2.96034	-.162866	-.836473
SDev	2.21140	.7418640	2.472799	.61513	.41233	.108433	.471148
%RSD	215.8362	77.65940	7889.511	32.96778	13.92848	66.57797	56.32548
#1	.5391235	1.479856	-1.71719	-1.43088	-2.66878	-.239540	-.503322
#2	-2.58827	.4307020	1.779875	-2.30080	-3.25190	-.086193	-1.16962

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-9.91535	8.252210	.0083957	.3117887
SDev	3.88483	.601173	.0039647	.1358891
%RSD	39.17997	7.284993	47.22356	43.58371
#1	-7.16836	7.827116	.0111991	.4078768
#2	-12.6623	8.677303	.0055922	.2157006

Method: STL3 Sample Name: 220-7946-A-24-A Operator: NP
Run Time: 02/09/09 14:19:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1369729	23981.63	10.97972	8.461073	99.82821	.5351185	2883.946
SDev	.0887144	79.27	.75770	.516511	.18583	.0248034	11.608
%RSD	64.76781	.3305412	6.900944	6.104552	.1861490	4.635119	.4025118
#1	.1997035	24037.68	10.44394	8.826302	99.95961	.5526571	2892.154
#2	.0742424	23925.58	11.51550	8.095845	99.69681	.5175798	2875.738

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.55143	11.32044	519.0364	166.9171	39717.93	941.8519	3955.133
SDev	.37346	.45018	2.2085	.4243	40.59	3.2607	13.003
%RSD	.8382736	3.976720	.4255084	.2542178	.1021877	.3461965	.3287651
#1	44.81551	11.00211	520.5981	166.6171	39746.63	939.5463	3964.328
#2	44.28735	11.63877	517.4747	167.2172	39689.23	944.1575	3945.939

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	377.8214	4.283865	207.4442	37.35535	142.4692	3.723825	-.150206
SDev	.4532	.778323	1.2842	1.53593	.8674	.396998	.845105
%RSD	.1199525	18.16871	.6190680	4.111668	.6088541	10.66104	562.6312
#1	377.5010	3.733508	208.3522	38.44142	143.0825	4.004545	.4473736
#2	378.1419	4.834223	206.5361	36.26929	141.8558	3.443104	-.747785

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.594450	145.6712	140.8696	4.856122	1.454828	53.61783	199.7222
SDev	5.393314	.4910	1.5457	.775299	.360739	.18405	2.9905
%RSD	71.01653	.3370765	1.097268	15.96540	24.79600	.3432707	1.497318
#1	11.40810	145.3240	141.9625	5.404342	1.199747	53.48768	201.8367
#2	3.780801	146.0185	139.7766	4.307903	1.709909	53.74797	197.6076

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2506.005	8.818172	23.71136	816.0695
SDev	4.152	3.188170	.03150	.6985
%RSD	.1656755	36.15455	.1328600	.0855954
#1	2508.940	6.563795	23.73364	815.5755
#2	2503.069	11.07255	23.68909	816.5634

Method: STL3 Sample Name: 220-7946-A-25-A Operator: NP
Run Time: 02/09/09 14:24:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0788990	9238.080	5.085538	3.185994	30.77948	.1185280	647.6389
SDev	.1943136	62.085	1.136287	.260183	.01813	.0502406	4.8092
%RSD	246.2814	.6720576	22.34351	8.166450	.0589047	42.38710	.7425712
#1	-.058501	9194.179	5.889014	3.369971	30.79230	.0830025	644.2383
#2	.2162994	9281.980	4.282061	3.002017	30.76666	.1540534	651.0395

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.72497	5.061408	207.8240	50.85610	20099.49	574.1031	1724.326
SDev	.26624	.083290	1.2549	.06742	86.41	1.6303	4.021
%RSD	1.502046	1.645595	.6038463	.1325624	.4299010	.2839672	.2332213
#1	17.91323	5.002513	206.9366	50.80843	20038.39	575.2559	1721.483
#2	17.53672	5.120303	208.7114	50.90377	20160.59	572.9503	1727.170

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	241.4384	2.067560	78.57266	21.66443	28.28894	.8957871	-.674030
SDev	.2471	1.093860	.39180	.93047	.00417	.2728225	.941520
%RSD	.1023463	52.90584	.4986430	4.294940	.0147318	30.45618	139.6853
#1	241.2637	2.841036	78.29562	21.00649	28.29188	.7028725	-1.33979
#2	241.6132	1.294084	78.84971	22.32238	28.28599	1.088702	-.008274

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.246918	29.83963	27.51410	2.567409	-2.45358	22.10228	78.13428
SDev	1.010664	.93152	.45875	.756322	.69549	.78976	.62552
%RSD	44.98001	3.121771	1.667314	29.45857	28.34581	3.573227	.8005721
#1	2.961565	30.49832	27.18972	2.032608	-1.96179	22.66072	77.69197
#2	1.532270	29.18094	27.83848	3.102209	-2.94536	21.54383	78.57659

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1699.949	5.120655	6.776775	448.2566
SDev	6.478	1.410502	.015771	1.1752
%RSD	.3810492	27.54535	.2327265	.2621766
#1	1695.368	6.118030	6.765623	447.4257
#2	1704.529	4.123279	6.787927	449.0877

Method: STL3 Sample Name: 220-7946-A-26-A Operator: NP
Run Time: 02/09/09 14:30:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.001239	9753.580	6.277718	3.618246	38.37500	.1835309	773.2267
SDev	.138771	34.289	.900461	.307276	.02720	.0122498	.6633
%RSD	11197.78	.3515545	14.34377	8.492406	.0708669	6.674488	.0857835
#1	-.099365	9777.826	5.640995	3.835523	38.35577	.1748691	772.7577
#2	.0968865	9729.334	6.914440	3.400969	38.39423	.1921928	773.6957

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.92673	6.207923	169.1593	41.75440	22989.89	881.9053	1881.947
SDev	.00051	.871807	.5697	.06706	29.23	3.2607	4.726
%RSD	.0030039	14.04346	.3368095	.1606123	.1271562	.3697337	.2511329
#1	16.92637	5.591462	168.7564	41.70698	23010.56	884.2110	1878.605
#2	16.92709	6.824384	169.5622	41.80182	22969.22	879.5997	1885.289

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	231.9933	1.874191	96.01102	21.02209	25.09306	2.735949	-.083979
SDev	.5047	.105179	.63122	.52985	2.57172	.572879	.139199
%RSD	.2175375	5.611962	.6574491	2.520437	10.24873	20.93895	165.7553
#1	232.3501	1.948564	96.45737	20.64743	23.27458	2.330862	.0144499
#2	231.6364	1.799818	95.56468	21.39675	26.91155	3.141035	-.182408

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.642722	27.13876	24.07115	3.873388	.4564529	31.07670	69.13963
SDev	2.216316	1.95265	2.88079	.316940	1.085525	.05066	.94810
%RSD	134.9173	7.195057	11.96781	8.182489	237.8177	.1630068	1.371288
#1	3.209894	25.75803	22.03412	3.649278	-.311130	31.11252	68.46922
#2	.0755501	28.51949	26.10817	4.097498	1.224035	31.04088	69.81004

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1484.198	2.924186	10.59863	466.3574
SDev	1.242	.603294	.02779	.9920
%RSD	.0836707	20.63119	.2622158	.2127114
#1	1483.320	3.350779	10.61829	467.0588
#2	1485.076	2.497592	10.57898	465.6559

Method: STL3 Sample Name: 220-7946-A-27-A Operator: NP
Run Time: 02/09/09 14:36:21
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3359438	13895.42	7.979419	3.713307	46.57945	.3794489	941.7325
SDev	.2000617	46.61	2.362814	.191525	.00907	.0374746	1.1608
%RSD	59.55215	.3354020	29.61135	5.157803	.0194634	9.876054	.1232609
#1	.1944788	13862.47	6.308657	3.577879	46.57304	.3529503	942.5533
#2	.4774088	13928.38	9.650180	3.848736	46.58586	.4059474	940.9117

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37.80907	7.712084	417.5010	106.7614	33058.82	817.3477	2436.618
SDev	.32644	.179510	.6629	.0780	23.91	.0000	.478
%RSD	.8633813	2.327652	.1587759	.0730986	.0723311	.0000000	.0196041
#1	38.03989	7.839017	417.9698	106.7062	33041.91	817.3477	2436.280
#2	37.57824	7.585151	417.0323	106.8166	33075.73	817.3477	2436.956

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	262.8735	2.275804	85.48337	36.01756	48.47619	3.215165	.3778647
SDev	.7724	.294501	.10883	.79796	.40665	1.537109	.5050832
%RSD	.2938480	12.94052	.1273167	2.215484	.8388744	47.80810	133.6678
#1	262.3273	2.067560	85.56033	36.58181	48.18864	4.302065	.0207169
#2	263.4197	2.484047	85.40641	35.45332	48.76374	2.128264	.7350124

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.860393	49.53268	47.94785	5.076126	-.513347	37.66526	125.6613
SDev	.974826	.42318	.39841	2.955832	1.304595	.17269	.0036
%RSD	25.25199	.8543369	.8309148	58.23007	254.1353	.4584793	.0028592
#1	3.171087	49.23344	47.66613	7.166215	-1.43583	37.78737	125.6638
#2	4.549699	49.83190	48.22956	2.986038	.4091415	37.54316	125.6588

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1901.596	2.256236	10.42393	630.8087
SDev	3.166	2.527143	.01585	.1690
%RSD	.1665150	112.0070	.1520402	.0267855
#1	1899.357	.4692759	10.43514	630.6892
#2	1903.835	4.043195	10.41273	630.9282

Method: STL3 Sample Name: 220-7946-A-28-A Operator: NP
Run Time: 02/09/09 14:42:05
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2378348	9541.914	.9081740	2.926385	30.89806	.0829838	677.5408
SDev	.2109700	12.897	2.549345	.274525	.26741	.0250252	5.9700
%RSD	88.70441	.1351626	280.7111	9.381039	.8654564	30.15675	.8811294
#1	.3870131	9532.794	2.710833	3.120504	30.70898	.0652883	673.3194
#2	.0886565	9551.033	-.894485	2.732267	31.08715	.1006793	681.7623

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.10210	5.183351	230.8593	52.08913	21727.72	696.3018	2020.520
SDev	.25935	.032374	1.9295	.46936	36.38	8.1517	17.740
%RSD	1.229022	.6245735	.8358056	.9010776	.1674490	1.170709	.8779829
#1	20.91871	5.206243	229.4949	51.75724	21701.99	690.5377	2007.976
#2	21.28549	5.160459	232.2237	52.42102	21753.45	702.0659	2033.064

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	224.9062	1.487453	84.69841	23.24448	34.82662	2.280932	-.930459
SDev	.6799	.399680	.87066	.16719	1.54694	.201994	1.068606
%RSD	.3022921	26.87006	1.027954	.7192507	4.441822	8.855765	114.8472
#1	224.4255	1.204837	84.08276	23.12627	35.92047	2.138101	-.174840
#2	225.3870	1.770069	85.31406	23.36270	33.73277	2.423764	-1.68608

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4633312	37.77484	33.35406	3.693868	-.550283	22.78250	90.93000
SDev	.7473432	2.98494	.82894	.495128	1.598190	1.33174	1.81053
%RSD	161.2978	7.901928	2.485283	13.40405	290.4303	5.845443	1.991121
#1	.9917827	39.88552	33.94022	4.043976	-1.68037	21.84082	89.64977
#2	-.065120	35.66417	32.76791	3.343759	.5798073	23.72418	92.21024

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1774.790	1.919526	10.46596	447.3968
SDev	9.494	.994359	.03559	.9252
%RSD	.5349597	51.80233	.3400434	.2067883
#1	1768.076	1.216408	10.44079	446.7427
#2	1781.503	2.622644	10.49112	448.0510

Method: STL3 Sample Name: 220-7946-A-29-A Operator: NP
Run Time: 02/09/09 14:47:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.020160	6515.298	5.811461	1.747634	12.19770	-.067475	147.0468
SDev	.055582	.516	1.604867	.075476	.05439	.012598	1.3267
%RSD	275.6984	.0079172	27.61556	4.318742	.4458899	18.67122	.9022075
#1	-.059463	6515.663	6.946274	1.801004	12.15924	-.076383	146.1087
#2	.0191420	6514.934	4.676649	1.694265	12.23616	-.058566	147.9848

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.03682	6.043156	10.25273	6.267469	18025.23	376.9713	1023.249
SDev	.14562	.207619	.31398	.100660	20.02	3.2607	6.625
%RSD	14.04472	3.435601	3.062423	1.606073	.1110586	.8649676	.6474540
#1	-.933850	5.896348	10.47475	6.196292	18039.39	374.6657	1018.565
#2	-1.13978	6.189965	10.03071	6.338647	18011.08	379.2769	1027.934

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	300.1241	1.056091	12.62088	7.769711	5.727403	1.057650	-.146314
SDev	.5974	.042072	.32650	.202604	.167545	4.072363	1.167976
%RSD	.1990504	3.983705	2.586982	2.607608	2.925326	385.0387	798.2654
#1	299.7017	1.085841	12.39001	7.626449	5.845875	3.937246	-.972198
#2	300.5465	1.026342	12.85175	7.912973	5.608930	-1.82195	.6795696

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.313082	8.119513	4.532341	1.464005	.2426195	20.21497	17.76135
SDev	.694561	.796816	.649003	5.813524	.5849524	.40068	.47313
%RSD	30.02752	9.813596	14.31939	397.0974	241.0987	1.982100	2.663812
#1	2.804211	7.556079	4.991256	5.574787	.6562433	19.93165	17.42680
#2	1.821953	8.682947	4.073426	-2.64678	-.171004	20.49830	18.09590

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1418.252	.6183567	1.913369	290.6123
SDev	2.554	1.503399	.003996	.7200
%RSD	.1800705	243.1281	.2088433	.2477417
#1	1416.446	1.681420	1.916195	290.1032
#2	1420.058	-.444707	1.910544	291.1214

Method: STL3 Sample Name: 220-7946-A-30-A Operator: NP
Run Time: 02/09/09 14:53:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.281371	57058.16	15.71782	8.994492	117.0383	1.314293	2971.423
SDev	.122357	100.54	3.20945	.045785	.0136	.162355	1.990
%RSD	43.48615	.1761995	20.41920	.5090334	.0116204	12.35303	.0669753
#1	-.367890	57129.25	17.98725	9.026866	117.0287	1.199491	2970.016
#2	-.194851	56987.07	13.44840	8.962116	117.0479	1.429096	2972.831

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.96803	24.46454	64.79781	24.00596	71757.06	2261.828	8339.623
SDev	.36249	.08827	.52348	.07812	80.29	4.891	4.486
%RSD	9.135374	.3608066	.8078732	.3254053	.1118911	.2162433	.0537962
#1	-3.71171	24.40212	65.16796	23.95072	71700.29	2258.369	8342.795
#2	-4.22435	24.52695	64.42764	24.06120	71813.84	2265.286	8336.450

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.6158	2.067560	130.1336	33.20245	30.69119	6.374053	.4230459
SDev	1.0609	.462787	.4353	.97706	.50490	2.353033	.4562104
%RSD	.2065505	22.38324	.3345321	2.942734	1.645090	36.91581	107.8394
#1	512.8657	1.740320	130.4414	33.89334	31.04820	8.037899	.1004565
#2	514.3660	2.394800	129.8257	32.51157	30.33417	4.710208	.7456354

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.40001	30.76060	30.65573	6.689633	5.740847	99.00005	117.2114
SDev	1.56540	.52444	1.01879	2.795836	1.465958	.05372	1.0256
%RSD	15.05195	1.704896	3.323335	41.79357	25.53557	.0542640	.8749766
#1	11.50692	30.38977	31.37613	8.666588	6.777435	98.96206	117.9366
#2	9.293103	31.13143	29.93534	4.712678	4.704258	99.03803	116.4862

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2656.191	4.588212	27.64346	1194.174
SDev	.559	1.080068	.02385	.930
%RSD	.0210447	23.54006	.0862738	.0778544
#1	2655.796	5.351935	27.66032	1193.517
#2	2656.586	3.824489	27.62659	1194.832

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 02/09/09 14:59:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.27599	4754.246	518.4762	485.8151	490.5873	496.3619	19298.54
SDev	.01167	29.738	3.5334	1.6128	4.0791	2.5946	169.15
%RSD	.0223270	.6255007	.6815008	.3319884	.8314800	.5227268	.8764935
#1	52.26774	4733.218	515.9777	484.6747	487.7029	494.5272	19178.93
#2	52.28424	4775.274	520.9747	486.9556	493.4717	498.1966	19418.15

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.0966	516.7009	513.0894	481.6822	5071.611	19005.35	18567.00
SDev	2.5220	4.4679	3.6967	4.0215	22.165	171.18	129.84
%RSD	.4953836	.8646944	.7204720	.8348859	.4370495	.9007116	.6992962
#1	507.3133	513.5417	510.4755	478.8386	5055.938	18884.30	18475.19
#2	510.8799	519.8602	515.7034	484.5258	5087.285	19126.39	18658.81

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.8689	514.6439	21470.13	500.2927	502.0268	491.7469	487.2062
SDev	2.1014	4.2913	170.91	6.0490	5.3139	2.0066	5.9034
%RSD	.4034460	.8338348	.7960485	1.209091	1.058493	.4080609	1.211688
#1	519.3829	511.6096	21349.28	496.0154	498.2693	490.3280	483.0319
#2	522.3548	517.6783	21590.99	504.5700	505.7843	493.1658	491.3806

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488.4225	500.5856	502.7453	488.9939	497.2601	502.0115	512.9364
SDev	12.5085	4.6484	5.6462	2.3214	1.3763	3.7031	3.4657
%RSD	2.560992	.9285870	1.123068	.4747215	.2767765	.7376602	.6756638
#1	479.5777	497.2987	498.7528	487.3525	496.2869	499.3930	510.4857
#2	497.2673	503.8725	506.7377	490.6354	498.2332	504.6301	515.3870

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	523.5232	482.2979	510.2394	500.9605
SDev	4.9814	2.6204	3.4448	2.8199
%RSD	.9515113	.5433209	.6751413	.5629079
#1	520.0009	480.4450	507.8035	498.9665
#2	527.0456	484.1508	512.6752	502.9545

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 02/09/09 15:05:03
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.266815	28.22152	-2.53797	1.242135	.0961458	-.370241	5.980371
SDev	.122273	2.93582	.12478	.386807	.0181294	.024961	.165834
%RSD	45.82690	10.40279	4.916365	31.14045	18.85618	6.741900	2.772972
#1	-.180355	30.29746	-2.44974	1.515649	.1089653	-.387891	6.097633
#2	-.353275	26.14558	-2.62620	.9686218	.0833264	-.352591	5.863109

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0571346	.2991892	.0655156	-1.30440	3.327356	25.36201	2.507848
SDev	.2817100	.1182046	.0001257	.01153	4.166956	1.63031	.236473
%RSD	493.0639	39.50832	.1918512	.8841624	125.2333	6.428170	9.429314
#1	-.142064	.2156059	.0656045	-1.31255	.3808728	24.20920	2.340636
#2	.2563336	.3827724	.0654267	-1.29624	6.273839	26.51481	2.675059

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.051073	1.517202	-2.01627	-.133046	.2863075	-.633225	5.428016
SDev	.000064	1.114896	.04353	.191227	1.340961	1.989878	2.318286
%RSD	.1257178	73.48366	2.159135	143.7300	468.3639	314.2449	42.70965
#1	-.051028	2.305553	-2.04705	-.268264	-.661895	.7738310	7.067292
#2	-.051119	.7288518	-1.98549	.0021719	1.234510	-2.04028	3.788740

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.87897	1.391689	-.266254	-.182365	-1.53740	-1.02965	-.446904
SDev	.48322	.542809	2.281292	2.757418	.45235	.71343	.235908
%RSD	9.904053	39.00358	856.8097	1512.030	29.42296	69.28889	52.78717
#1	-5.22065	1.775513	-1.87937	1.767424	-1.21754	-.525174	-.280092
#2	-4.53728	1.007865	1.346863	-2.13215	-1.85726	-1.53412	-.613716

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-12.4480	3.105547	.0616051	.3455847
SDev	1.7044	4.331285	.0158693	.2424418
%RSD	13.69181	139.4693	25.75972	70.15407
#1	-11.2428	6.168229	.0728264	.5170170
#2	-13.6531	.0428662	.0503838	.1741525

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 24200

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Date 2/12/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W021009 Autosampler Type: TYPE TJA
Sample Positions: 131/192 QC Positions: 2/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	2	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	35	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	61	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
(18...19	Not Used)					

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-24177/1-A	1	-NA-	Sample
2	1	2	LCS 220-24177/2-A	1	-NA-	Sample
3	1	3	220-7951-C-1-A	1	-NA-	Sample
4	1	4	220-7975-A-21-A	1	-NA-	Sample

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
5	1	5	220-7945-A-8-A	1	-NA-	Sample
6	1	6	220-7982-D-1-A	1	-NA-	Sample
7	1	7	220-7962-A-1-A	1	-NA-	Sample
8	1	8	220-7988-B-1-A	1	-NA-	Sample
9	1	9	220-7988-C-2-A	1	-NA-	Sample
10	1	10	220-7988-C-3-A	1	-NA-	Sample
11	1	11	220-7988-B-4-A	1	-NA-	Sample
12	1	12	220-7988-A-5-A	1	-NA-	Sample
13	2	1	220-7988-B-6-A	1	-NA-	Sample
14	2	2	220-7988-B-6-B DU	1	-NA-	Sample
15	2	3	220-7988-B-6-C MS	1	-NA-	Sample
16	2	4	220-7988-B-6-D MSD	1	-NA-	Sample
17	2	5	220-7988-B-6-A SD@5	1	-NA-	Sample
18	2	6	220-7988-B-7-A	1	-NA-	Sample
19	2	7	220-7988-C-8-A	1	-NA-	Sample
20	2	8	220-7988-B-9-A	1	-NA-	Sample
21	2	9	220-7988-B-10-A	1	-NA-	Sample
22	2	10	MB 220-24178/1-A	1	-NA-	Sample
23	2	11	LCS 220-24178/2-A	1	-NA-	Sample
24	2	12	220-7946-A-13-A	1	-NA-	Sample
25	3	1	220-7946-A-13-B DU	1	-NA-	Sample
26	3	2	220-7946-A-13-C MS	1	-NA-	Sample
27	3	3	220-7946-A-13-A SD@5	1	-NA-	Sample
28	3	4	220-7946-A-14-A	1	-NA-	Sample
29	3	5	220-7946-A-15-A	1	-NA-	Sample
30	3	6	220-7946-A-16-A	1	-NA-	Sample
31	3	7	220-7946-A-17-A	1	-NA-	Sample
32	3	8	220-7946-A-18-A	1	-NA-	Sample
33	3	9	220-7946-A-19-A	1	-NA-	Sample
34	3	10	220-7946-A-20-A	1	-NA-	Sample
35	3	11	220-7975-A-1-A	1	-NA-	Sample
36	3	12	220-7975-A-2-A	1	-NA-	Sample
37	4	1	220-7975-A-3-A	1	-NA-	Sample
38	4	2	220-7975-A-4-A	1	-NA-	Sample
39	4	3	220-7975-A-5-A	1	-NA-	Sample
40	4	4	220-7975-A-6-A	1	-NA-	Sample
41	4	5	220-7975-A-7-A	1	-NA-	Sample
42	4	6	220-7975-A-8-A	1	-NA-	Sample
43	4	7	220-7975-A-9-A	1	-NA-	Sample
44	4	8	220-7975-A-10-A	1	-NA-	Sample
45	4	9	220-7975-A-11-A	1	-NA-	Sample
46	4	10	220-7975-A-12-A	1	-NA-	Sample
47	4	11	Sample-47 7988-5 SD	1	-NA-	Sample
48	4	12	Sample-48 MM 2/10/09	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	Sample-49	1	-NA-	Sample
2	1	2	Sample-50	1	-NA-	Sample
3	1	3	Sample-51	1	-NA-	Sample
4	1	4	Sample-52	1	-NA-	Sample

Method: STL3 Standard: STD1
Run Time: 02/10/09 09:57:54

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00500	.09253	-.00004	.0841	.00040	-.00683	.00790
SDev	.00075	.00151	.00091	.0004	.00000	.00005	.00024
%RSD	15.085	1.6302	2254.8	.4486	.00000	.68986	2.9836
#1	-.00553	.09360	.00060	.0843	.00040	-.00687	.00773
#2	-.00447	.09147	-.00069	.0838	.00040	-.00680	.00807

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00690	-.00043	.00287	.03967	-.00853	.01777	.00127
SDev	.00363	.00014	.00057	.00160	.00066	.00014	.00009
%RSD	52.606	32.636	19.733	4.0406	7.7340	.79600	7.4432
#1	.00433	-.00033	.00327	.03853	-.00900	.01767	.00120
#2	.00947	-.00053	.00247	.04080	-.00807	.01787	.00133

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00063	-.00983	.12613	-.00510	.01620	-.00523	-.02937
SDev	.00005	.00156	.00066	.00410	.00113	.00156	.00108
%RSD	7.4432	15.820	.52323	80.416	6.9838	29.726	3.6920
#1	.00060	-.00873	.12567	-.00800	.01700	-.00413	-.03013
#2	.00067	-.01093	.12660	-.00220	.01540	-.00633	-.02860

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	.00080	-.03787	.02727	-.00033	-.00107	.3353	-.00327
SDev	.00047	.00321	.00292	.00132	.00009	.0003	.00255
%RSD	58.926	8.4654	10.719	395.98	8.8388	.0844	77.926
#1	.00047	-.03560	.02933	.00060	-.00113	.3351	-.00507
#2	.00113	-.04013	.02520	-.00127	-.00100	.3355	-.00147

Elem	Sr4215	Ti3349
Avge	.00270	-.01490
SDev	.00005	.00071
%RSD	1.7459	4.7457
#1	.00267	-.01540
#2	.00273	-.01440

Method: STL3 Standard: STD2
Run Time: 02/10/09 10:03:44

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.85480	5.2474	1.4149	2.560	10.488	3.8547	14.429
SDev	.01141	.0216	.0114	.022	.011	.0336	.182
%RSD	1.3346	.41235	.80863	.8414	.10653	.87195	1.2624
#1	.84673	5.2321	1.4068	2.545	10.480	3.8309	14.301
#2	.86287	5.2627	1.4230	2.576	10.496	3.8785	14.558

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.6910	1.5732	4.1170	4.2899	1.9102	1.4586	10.132
SDev	.0792	.0173	.0491	.0063	.0199	.0042	.034
%RSD	.91124	1.1027	1.1931	.14725	1.0414	.29087	.33406
#1	8.6350	1.5609	4.0823	4.2855	1.8961	1.4556	10.108
#2	8.7470	1.5855	4.1517	4.2944	1.9243	1.4616	10.156

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.6253	2.2568	108.25	4.2839	2.0958	.67733	4.2822
SDev	.0443	.0335	.02	.0297	.0276	.00236	.0431
%RSD	.95803	1.4831	.01742	.69326	1.3158	.34799	1.0073
#1	4.5940	2.2331	108.23	4.2629	2.0763	.67567	4.2517
#2	4.6567	2.2805	108.26	4.3049	2.1153	.67900	4.3127

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.7049	2.3939	1.9799	1.8921	.61567	1.745	1.5912
SDev	.0416	.0271	.0099	.0166	.00764	.004	.0221
%RSD	1.1235	1.1303	.50001	.87697	1.2404	.2135	1.3865
#1	3.6755	2.3748	1.9729	1.8804	.61027	1.742	1.5756
#2	3.7343	2.4131	1.9869	1.9039	.62107	1.747	1.6068

Elem	Sr4215	Ti3349
Avge	11.943	12.917
SDev	.053	.092
%RSD	.44128	.71603
#1	11.906	12.852
#2	11.980	12.982

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	116.096	.580478	02/10/09 10:03:44
Al3082	308.215	STD2	STD1	2137.84	-197.821	02/10/09 10:03:44
As1890	189.042	STD2	STD1	705.122	.028537	02/10/09 10:03:44
B_2496	249.678	STD2	STD1	404.878	-34.0367	02/10/09 10:03:44
Ba4934	493.409	STD2	STD1	95.3516	-.038141	02/10/09 10:03:44
Be3130	313.042	STD2	STD1	258.931	1.76936	02/10/09 10:03:44
Ca3179	317.933	STD2	STD1	3467.06	-27.3898	02/10/09 10:03:44
Cd2265	226.502	STD2	STD1	115.401	-.796268	02/10/09 10:03:44
Co2286	228.616	STD2	STD1	635.808	.275517	02/10/09 10:03:44
Cr2677	267.716	STD2	STD1	243.058	-.696767	02/10/09 10:03:44
Cu3247	324.753	STD2	STD1	235.351	-9.33559	02/10/09 10:03:44
Fe2714	271.441	STD2	STD1	5773.71	49.2690	02/10/09 10:03:44
K_7664	766.491	STD2	STD1	34702.1	-616.541	02/10/09 10:03:44
Mg2790	279.078	STD2	STD1	4934.85	-6.25080	02/10/09 10:03:44
Mn2576	257.610	STD2	STD1	216.211	-.136933	02/10/09 10:03:44
Mo2020	202.030	STD2	STD1	441.183	4.33830	02/10/09 10:03:44
Na5889	588.995	STD2	STD1	462.443	-58.3295	02/10/09 10:03:44
Ni2316	231.604	STD2	STD1	232.645	1.18649	02/10/09 10:03:44
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	477.874	-7.74156	02/10/09 10:03:44
Tl1908	190.864	STD2	STD1	1455.51	7.61715	02/10/09 10:03:44
2203/1	220.351	STD2	STD1	232.415	6.82525	02/10/09 10:03:44
2203/2	220.352	STD2	STD1	269.406	-.215525	02/10/09 10:03:44
1960/1	196.021	STD2	STD1	411.249	15.5726	02/10/09 10:03:44
1960/2	196.022	STD2	STD1	509.201	-13.8842	02/10/09 10:03:44
V_2924	292.402	STD2	STD1	523.022	.174341	02/10/09 10:03:44
Zn2062	206.200	STD2	STD1	1621.62	1.72973	02/10/09 10:03:44
Si2881	288.158	STD2	STD1	710.775	-238.299	02/10/09 10:03:44
Sn1899	189.989	STD2	STD1	626.291	2.04588	02/10/09 10:03:44
Sr4215	421.552	STD2	STD1	83.8365	-.226359	02/10/09 10:03:44
Ti3349	334.941	STD2	STD1	77.3708	1.15283	02/10/09 10:03:44

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 02/10/09 10:09:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	105.2813	9941.014	1011.355	991.2742	982.6810	979.1633	25103.03
SDev	.1632	39.183	8.737	3.4618	.2787	5.2364	193.51
%RSD	.1550575	.3941547	.8639228	.3492292	.0283585	.5347880	.7708675
#1	105.3967	9913.307	1005.177	988.8264	982.4840	975.4606	24966.20
#2	105.1659	9968.720	1017.533	993.7221	982.8781	982.8661	25239.86

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	993.6155	1002.473	1002.939	978.0050	10060.77	48721.81	25005.88
SDev	2.8794	3.904	5.111	.7189	48.66	260.10	56.55
%RSD	.2897942	.3893872	.5095578	.0735057	.4836866	.5338514	.2261658
#1	991.5794	999.7131	999.3257	977.4967	10026.36	48537.89	24965.89
#2	995.6516	1005.234	1006.553	978.5134	10095.18	48905.73	25045.87

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1006.678	1008.971	48533.24	999.5772	988.1014	985.2449	985.9747
SDev	3.823	6.738	165.35	6.0180	11.0130	3.1661	5.4036
%RSD	.3797221	.6678492	.3406995	.6020549	1.114560	.3213558	.5480466
#1	1003.975	1004.206	48416.32	995.3218	980.3141	983.0061	982.1537
#2	1009.381	1013.736	48650.16	1003.833	995.8888	987.4837	989.7956

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	976.8696	982.9492	990.6729	980.6387	994.4701	982.5535	1001.857
SDev	11.4202	3.3919	14.8178	.2520	9.0031	5.9131	6.345
%RSD	1.169063	.3450697	1.495733	.0256933	.9053115	.6018080	.6333127
#1	968.7943	980.5508	980.1951	980.4605	988.1039	978.3723	997.3701
#2	984.9449	985.3476	1001.151	980.8168	1000.836	986.7346	1006.343

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1075.276	924.8732	992.8350	986.6320
SDev	7.196	1.5099	3.7464	2.6583
%RSD	.6692608	.1632497	.3773442	.2694314
#1	1070.187	923.8056	990.1858	984.7523
#2	1080.364	925.9409	995.4841	988.5117

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 02/10/09 10:15:18
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0509751	2.985317	.5935013	4.359220	.0444974	-.025746	1.733532
SDev	.0707945	6.241408	3.632767	.705621	.0000000	.024554	.000000
%RSD	138.8805	209.0702	612.0909	16.18685	.0000000	95.37163	.0000000
#1	.0009158	-1.42802	3.162256	4.858169	.0444974	-.008383	1.733532
#2	.1010343	7.398659	-1.97525	3.860270	.0444974	-.043108	1.733532

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.061476	-.179286	.2268039	-.174840	-.571182	33.54543	-1.80944
SDev	.103832	.245040	.0460068	.265090	3.524796	3.27176	2.09374
%RSD	168.8991	136.6755	20.28482	151.6187	617.1061	9.753220	115.7120
#1	-.134896	-.006016	.1942723	.0126071	1.921226	31.23195	-.328944
#2	.0119445	-.352555	.2593356	-.362287	-3.06359	35.85891	-3.28994

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.000005	5.823615	3.237103	.2089935	-.053280	.5770736	8.664034
SDev	.010139	2.724481	1.438784	.1538691	1.499773	3.365289	4.039926
%RSD	184996.7	46.78333	44.44667	73.62386	2814.868	583.1647	46.62870
#1	.0071641	7.750114	4.254476	.3177953	1.007220	-1.80255	11.52069
#2	-.007175	3.897116	2.219728	.1001916	-1.11378	2.956692	5.807374

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.200961	-.700167	.2689786	.2462256	1.238667	-.060891	.1063027
SDev	.205797	1.012139	1.743084	5.777326	1.466176	.587845	.1519415
%RSD	6.429235	144.5568	648.0380	2346.355	118.3672	965.4108	142.9329
#1	3.055440	.0155232	1.501525	-3.83896	2.275410	-.476560	.2137416
#2	3.346482	-1.41586	-.963568	4.331412	.2019242	.3547788	-.001136

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.804698	10.77292	.0223200	.6138167
SDev	1.446896	5.84618	.0039521	.3610511
%RSD	179.8062	54.26735	17.70650	58.82068
#1	.2184122	14.90679	.0251145	.8691184
#2	-1.82781	6.639046	.0195254	.3585150

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 02/10/09 10:31:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.934170	386.7856	18.16150	31.70453	10.29797	9.897257	495.7899
SDev	.109419	8.9790	1.43604	.65022	.00000	.012169	1.1441
%RSD	1.101437	2.321445	7.907048	2.050883	.0000000	.1229564	.2307558
#1	9.856799	393.1347	17.14607	31.24475	10.29797	9.888652	494.9809
#2	10.01154	380.4365	19.17693	32.16430	10.29797	9.905862	496.5989

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.723806	10.26022	9.948259	9.520674	235.3263	357.4321	487.4643
SDev	.366879	.29963	.160276	.210775	12.2321	.0000	.6976
%RSD	3.773000	2.920311	1.611096	2.213863	5.197913	.0000000	.1431015
#1	9.464384	10.47209	10.06159	9.669714	243.9756	357.4321	486.9710
#2	9.983230	10.04835	9.834927	9.371633	226.6769	357.4321	487.9575

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.32134	30.45633	460.9322	10.01476	9.419644	27.50911	31.65902
SDev	.05091	.00000	.6104	.37235	1.336298	.60932	1.39611
%RSD	.4932893	.0000000	.1324296	3.718008	14.18629	2.214987	4.409841
#1	10.35734	30.45633	461.3638	9.751469	8.474739	27.07826	32.64623
#2	10.28534	30.45633	460.5006	10.27805	10.36455	27.93997	30.67182

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.59632	10.43740	8.910683	27.19763	28.13191	10.09242	29.92313
SDev	2.53526	1.60912	2.806729	1.89963	1.97501	.51793	.30658
%RSD	8.566148	15.41691	31.49848	6.984524	7.020551	5.131825	1.024557
#1	27.80362	11.57522	6.926025	25.85440	29.52845	9.726192	29.70635
#2	31.38902	9.299573	10.89534	28.54087	26.73536	10.45865	30.13992

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	35.17064	33.79826	10.39649	30.90888
SDev	1.44411	.32459	.00393	.06569
%RSD	4.106014	.9603791	.0377893	.2125358
#1	36.19178	33.56874	10.39372	30.86243
#2	34.14950	34.02778	10.39927	30.95534

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 02/10/09 10:37:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0237854	424776.6	-2.13983	13.68980	1.131506	-.044359	436839.4
SDev	.1313503	1156.3	1.57067	.47678	.008990	.073191	2749.9
%RSD	552.2294	.2722128	73.40166	3.482748	.7945022	164.9978	.6294926
#1	-.069093	423959.0	-1.02920	14.02694	1.125149	-.096113	434895.0
#2	.1166641	425594.2	-3.25046	13.35267	1.137863	.0073951	438783.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.651506	-2.89872	.9614855	.4564472	175869.3	55.52347	449482.4
SDev	.137435	.59957	.2177827	.2885103	988.5	1.63590	2087.8
%RSD	21.09498	20.68416	22.65064	63.20781	.5620599	2.946325	.4644994
#1	-.748688	-3.32268	.8074899	.2524396	175170.4	54.36671	448006.1
#2	-.554325	-2.47475	1.115481	.6604548	176568.3	56.68023	450958.7

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.614551	-3.17652	40.15546	-.528597	-1.33165	-5.39769	.1508335
SDev	.112154	.06239	2.55057	.068341	1.24703	1.54422	1.847280
%RSD	1.166507	1.964185	6.351748	12.92878	93.64548	28.60896	1224.715
#1	9.535247	-3.22064	41.95899	-.576922	-2.21343	-4.30576	1.457057
#2	9.693857	-3.13240	38.35193	-.480273	-.449867	-6.48962	-1.15539

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.653700	-.303902	-1.84560	-8.54584	.9069595	1.741795	-12.2925
SDev	7.698599	4.185661	3.95923	3.34855	2.069714	.430717	.7570
%RSD	100.5866	1377.308	214.5223	39.18343	228.2035	24.72833	6.158007
#1	13.09743	2.655807	-4.64520	-6.17805	-.556549	1.437232	-12.8277
#2	2.209969	-3.26361	.9539967	-10.9136	2.370468	2.046358	-11.7572

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	44.76832	3.491228	1.266813	-4.47648
SDev	.82130	2.234030	.037987	.01094
%RSD	1.834565	63.98979	2.998663	.2443727
#1	44.18757	1.911531	1.293675	-4.46875
#2	45.34907	5.070926	1.239952	-4.48422

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 02/10/09 10:43:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.5113	421894.7	95.08942	39.62561	481.2904	449.4401	424718.1
SDev	1.0016	3575.9	.00735	.01125	1.4654	5.2847	6018.6
%RSD	.4669159	.8475876	.0077328	.0283861	.3044685	1.175841	1.417088
#1	213.8030	419366.2	95.08421	39.61766	480.2542	445.7032	420462.3
#2	215.2195	424423.3	95.09461	39.63357	482.3266	453.1769	428973.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	904.5158	442.6972	453.0663	537.8136	173688.2	40.48588	441593.0
SDev	6.7816	3.5383	4.3782	.7437	1177.1	3.27171	3223.8
%RSD	.7497450	.7992636	.9663489	.1382911	.6777283	8.081126	.7300410
#1	899.7205	440.1952	449.9704	537.2877	172855.8	38.17243	439313.4
#2	909.3110	445.1992	456.1621	538.3395	174520.5	42.79933	443872.6

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	468.3177	-1.94121	78.29157	906.3114	47.06544	48.97263	560.7838
SDev	2.5894	.22877	.32700	13.4424	1.07856	2.00221	30.3274
%RSD	.5529048	11.78512	.4176697	1.483200	2.291624	4.088418	5.408036
#1	466.4868	-2.10297	78.06035	896.8062	46.30278	50.38840	539.3391
#2	470.1487	-1.77944	78.52280	915.8166	47.82810	47.55686	582.2284

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.85493	42.48008	49.35379	49.71154	47.49160	456.0995	887.5299
SDev	4.72446	3.31772	3.27327	6.34807	6.70257	5.3856	14.4416
%RSD	4.828025	7.810071	6.632259	12.76980	14.11317	1.180796	1.627164
#1	94.51424	44.82606	47.03924	54.20030	42.75217	452.2913	877.3181
#2	101.1956	40.13409	51.66834	45.22278	52.23103	459.9077	897.7416

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	297.2779	6.203606	1.342509	-4.20434
SDev	2.1350	2.887365	.067110	.02414
%RSD	.7181910	46.54333	4.998842	.5740565
#1	295.7682	4.161931	1.389963	-4.22141
#2	298.7876	8.245281	1.295055	-4.18728

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/10/09 10:48:43
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.16154	4817.733	508.4377	490.4142	498.2249	498.2816	19068.61
SDev	.57591	31.966	2.0667	2.9535	4.7017	4.0160	136.80
%RSD	1.104085	.6634969	.4064769	.6022460	.9436850	.8059603	.7173965
#1	51.75431	4795.130	506.9763	488.3258	494.9003	495.4418	18971.88
#2	52.56877	4840.336	509.8990	492.5027	501.5494	501.1212	19165.34

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.1199	505.5867	509.7570	485.9717	5082.364	18930.02	18781.20
SDev	2.9901	1.3327	3.3574	2.0383	8.844	111.24	157.98
%RSD	.5955035	.2635922	.6586272	.4194199	.1740206	.5876355	.8411549
#1	500.0056	504.6443	507.3829	484.5304	5076.110	18851.36	18669.49
#2	504.2343	506.5290	512.1310	487.4129	5088.618	19008.68	18892.91

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.9125	502.9339	21353.02	505.5638	491.5308	494.4616	513.3015
SDev	3.3026	8.9845	116.24	4.4005	3.1964	.0310	10.7068
%RSD	.6426402	1.786421	.5443613	.8704086	.6502984	.0062670	2.085864
#1	511.5772	496.5809	21270.83	502.4522	489.2706	494.4835	520.8724
#2	516.2478	509.2869	21435.21	508.6754	493.7910	494.4397	505.7307

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	480.9210	491.2273	491.6816	494.2859	494.8126	498.4160	505.6690
SDev	3.6472	2.1160	3.7358	.0603	.0278	3.6444	4.6625
%RSD	.7583749	.4307603	.7598028	.0121978	.0056083	.7311922	.9220514
#1	478.3421	489.7310	489.0399	494.3285	494.7929	495.8390	502.3721
#2	483.5000	492.7235	494.3232	494.2432	494.8322	500.9930	508.9659

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	528.0050	492.0951	504.3625	495.5460
SDev	4.2673	2.3943	1.8665	2.2704
%RSD	.8081901	.4865472	.3700652	.4581548
#1	524.9876	490.4022	503.0427	493.9406
#2	531.0224	493.7882	505.6823	497.1514

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/10/09 10:54:27
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0583211	.2829085	-.878013	1.538331	.0000000	-.103524	2.311376
SDev	.3449454	.6185023	.730066	.647715	.0089898	.085448	.817195
%RSD	591.4589	218.6227	83.14980	42.10507	3861e6	82.53948	35.35533
#1	.3022343	-.154439	-1.39425	1.996335	-.006357	-.043103	2.889220
#2	-.185592	.7202556	-.361778	1.080327	.0063568	-.163945	1.733532

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.276820	.0047145	-.056758	-.534370	-1.54131	28.91850	1.315636
SDev	.006972	.0273267	.492819	.021644	8.70318	3.27171	4.187355
%RSD	2.518580	579.6373	868.2805	4.050435	564.6617	11.31356	318.2761
#1	-.281750	-.014608	.2917176	-.519065	4.612771	26.60505	4.276543
#2	-.271890	.0240373	-.405234	-.549675	-7.69539	31.23195	-1.64527

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.050456	2.397094	-5.22560	.8766643	-.385923	-2.02033	7.446033
SDev	.000055	1.622210	.67579	.5699959	.568760	1.96219	5.389569
%RSD	.1085646	67.67403	12.93238	65.01872	147.3766	97.12211	72.38175
#1	-.050418	3.544170	-4.74774	1.279712	.0162512	-.632854	11.25703
#2	-.050495	1.250018	-5.70346	.4736163	-.788097	-3.40780	3.635032

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.522195	-1.29276	.0661670	-1.27497	-3.51428	-.079404	.2155872
SDev	4.737322	.30505	1.005083	2.92752	.02861	.608623	.1525226
%RSD	187.8253	23.59713	1519.010	229.6147	.8142154	766.4876	70.74749
#1	5.871988	-1.50847	.7768682	.7950996	-3.49405	.3509571	.3234370
#2	-.827597	-1.07706	-.644534	-3.34504	-3.53452	-.509765	.1077375

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.43818	5.824682	.0111296	.1754132
SDev	1.73068	3.336686	.0039349	.2880036
%RSD	50.33727	57.28528	35.35548	164.1858
#1	-2.21440	8.184075	.0139121	.3790625
#2	-4.66195	3.465289	.0083472	-.028236

Method: STL3 Sample Name: MB 220-24177/1-A Operator: NP
Run Time: 02/10/09 11:00:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1780316	L-12.4728	-3.96097	9.258285	-.019070	-.103541	L-18.4910
SDev	.2844774	2.3089	4.86161	.115188	.044949	.012153	1.7978
%RSD	159.7904	18.51169	122.7377	1.244165	235.7023	11.73729	9.722723
#1	-.023124	L-14.1055	-.523296	9.339736	-.050854	-.112135	L-19.7623
#2	.3791875	L-10.8402	-7.39865	9.176835	.0127136	-.094948	L-17.2197

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.171630	-.359016	-.064813	-.243436	1.562271	38.17243	.3285745
SDev	.076946	.058025	.435521	.143811	4.890048	.00000	1.861047
%RSD	44.83254	16.16212	671.9701	59.07541	313.0089	.0000000	566.4002
#1	-.117221	-.400045	-.372772	-.141746	-1.89552	38.17243	-.987384
#2	-.226039	-.317986	.2431471	-.345125	5.020058	38.17243	1.644533

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.064859	.8529538	13.45709	.1667848	-.903993	-.826744	.5979193
SDev	.000048	.6863195	5.25375	.0328036	1.158482	.950620	1.020212
%RSD	.0742581	80.46386	39.04071	19.66821	128.1517	114.9837	170.6270
#1	-.064893	1.338255	17.17205	.1435891	-.084822	-1.49893	1.319318
#2	-.064825	.3676526	9.742135	.1899804	-1.72316	-.154554	-.123479

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.638153	.3055127	-1.50844	.4798073	-3.44497	.0437910	1.189166
SDev	.683896	1.238344	1.11861	1.531748	.21338	.5351357	.458298
%RSD	18.79788	405.3331	74.15692	319.2423	6.193955	1222.021	38.53941
#1	4.121740	1.181154	-.717461	-.603302	-3.29409	-.334607	1.513231
#2	3.154565	-.570129	-2.29942	1.562917	-3.59585	.4221891	.8651007

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	33.79947	6.972917	-.198025	.1517149
SDev	3.85185	6.199866	.007866	.0001165
%RSD	11.39618	88.91354	3.972444	.0767917
#1	31.07580	11.35688	-.203587	.1517973
#2	36.52314	2.588949	-.192462	.1516326

Method: STL3 Sample Name: LCS 220-24177/2-A Operator: NP
Run Time: 02/10/09 11:05:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	312.2519	5838.742	1011.733	1046.355	309.4064	109.1545	30645.48
SDev	2.1959	22.026	5.066	7.521	.9035	.3794	302.69
%RSD	.7032456	.3772322	.5007308	.7187924	.2920034	.3475805	.9877107
#1	310.6992	5823.168	1008.151	1041.037	308.7676	108.8862	30431.44
#2	313.8047	5854.317	1015.316	1051.674	310.0453	109.4228	30859.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	307.1042	310.7462	315.3862	309.2539	25226.49	19383.46	15151.83
SDev	2.0716	1.5670	2.6924	1.6715	151.20	22.90	94.69
%RSD	.6745740	.5042543	.8536742	.5404881	.5993563	.1181536	.6249512
#1	305.6393	309.6381	313.4824	308.0720	25119.58	19367.26	15084.87
#2	308.5691	311.8542	317.2899	310.4358	25333.40	19399.65	15218.78

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	212.5201	1063.574	31478.88	309.6563	1011.463	507.3443	1051.985
SDev	1.8653	10.045	53.45	3.0723	10.838	.0347	5.558
%RSD	.8777175	.9444833	.1698054	.9921623	1.071562	.0068394	.5283776
#1	211.2012	1056.471	31441.09	307.4839	1003.799	507.3688	1048.055
#2	213.8391	1070.678	31516.68	311.8288	1019.127	507.3198	1055.915

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	999.2513	1011.683	1011.352	504.8151	512.4091	313.3833	307.8536
SDev	2.5170	1.238	15.631	1.4704	2.8409	1.5820	1.3675
%RSD	.2518882	.1224042	1.545586	.2912804	.5544161	.5048242	.4441889
#1	997.4716	1010.808	1000.299	505.8549	510.4003	312.2647	306.8867
#2	1001.031	1012.559	1022.405	503.7754	514.4179	314.5020	308.8206

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1016.205	1064.264	-.643555	1065.354
SDev	7.037	.198	.002404	5.099
%RSD	.6924544	.0185649	.3736046	.4785949
#1	1011.229	1064.404	-.641855	1061.749
#2	1021.181	1064.124	-.645255	1068.959

Method: STL3 Sample Name: 220-7951-C-1-A Operator: NP
Run Time: 02/10/09 11:11:38
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2986520	677.3304	1.505787	46.47026	42.35519	-.090145	10028.71
SDev	.0714454	8.2618	.557796	.49799	.12586	.024453	191.55
%RSD	23.92264	1.219760	37.04350	1.071640	.2971488	27.12606	1.910024
#1	.3491716	671.4885	1.900208	46.82240	42.26619	-.072855	9893.261
#2	.2481325	683.1724	1.111365	46.11813	42.44418	-.107436	10164.15

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.51131	2.758661	3.703476	132.8468	2259.213	2223.251	2287.465
SDev	.51046	.593211	.183326	.3229	12.478	24.538	21.870
%RSD	.7343569	21.50360	4.950097	.2430376	.5523062	1.103705	.9560760
#1	69.15035	2.339197	3.573845	132.6185	2250.390	2205.899	2272.001
#2	69.87225	3.178125	3.833107	133.0752	2268.036	2240.602	2302.929

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.35025	23.27976	23767.31	15.00967	60.21753	1.692089	2.788187
SDev	.44850	2.82847	160.45	.10764	.46534	3.866785	1.284002
%RSD	.8734064	12.14991	.6750798	.7171491	.7727678	228.5213	46.05152
#1	51.03312	25.27979	23653.86	14.93356	59.88849	4.426319	3.696113
#2	51.66739	21.27973	23880.77	15.08578	60.54658	-1.04214	1.880260

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.081812	61.31670	59.66782	2.757709	-.443553	2.389054	616.0228
SDev	5.551781	2.46102	1.92640	6.435795	1.278949	.339919	10.0144
%RSD	109.2481	4.013625	3.228543	233.3747	288.3416	14.22820	1.625658
#1	9.007514	63.05691	58.30565	7.308504	-1.34791	2.148694	608.9415
#2	1.156110	59.57650	61.02999	-1.79308	.4608000	2.629413	623.1041

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2927.387	13.24400	38.39332	21.89073
SDev	34.579	.32454	.26867	.02892
%RSD	1.181212	2.450495	.6997876	.1321053
#1	2902.936	13.47349	38.20334	21.91118
#2	2951.838	13.01451	38.58330	21.87028

Method: STL3 Sample Name: 220-7975-A-21-A Operator: NP
Run Time: 02/10/09 11:20:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.119926	L-10.4858	-.462150	1.348631	.1080652	-.112232	64.71850
SDev	.027324	6.3471	.944738	.077361	.0089898	.024401	3.75910
%RSD	22.78374	60.53051	204.4225	5.736247	8.318901	21.74160	5.808381
#1	-.139247	-5.99772	-1.13018	1.293929	.1017084	-.094978	62.06041
#2	-.100605	L-14.9739	.2058810	1.403333	.1144219	-.129487	67.37658

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.322829	.0431885	-.202494	.0469225	10.57819	31.23198	-.492931
SDev	.178125	.3305429	.080235	.0666670	6.78148	6.54347	1.162958
%RSD	55.17629	765.3485	39.62362	142.0791	64.10817	20.95119	235.9273
#1	-.196876	.2769176	-.145759	-.000218	15.37342	26.60505	-1.31527
#2	-.448783	-.190541	-.259228	.0940632	5.782954	35.85891	.3294050

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0865303	.5441257	353.9692	-.035812	-.531594	-.967532	-.046542
SDev	.0305838	.3327611	4.5997	.209181	.133884	.031021	1.735995
%RSD	35.34458	61.15520	1.299473	584.1031	25.18547	3.206152	3729.964
#1	.1081563	.7794234	350.7167	.1121008	-.626265	-.945597	1.180992
#2	.0649043	.3088280	357.2217	-.183725	-.436924	-.989467	-1.27408

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0040516	.1303732	-.862732	.1646915	-3.23638	.5111473	.8101901
SDev	3.227768	1.072591	.736147	.7756231	1.46042	.0773740	.3816966
%RSD	79667.18	822.7079	85.32749	470.9551	45.12513	15.13731	47.11198
#1	2.286428	.8888096	-1.38327	.7131399	-4.26905	.5658590	1.080090
#2	-2.27833	-.628063	-.342197	-.383757	-2.20371	.4564357	.5402898

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	46.09696	1.461670	-.020921	.0952837
SDev	.27273	1.240111	.000079	.0146066
%RSD	.5916527	84.84209	.3773302	15.32962
#1	45.90411	2.338561	-.020865	.0849553
#2	46.28981	.5847787	-.020977	.1056122

Method: STL3 Sample Name: 220-7945-A-8-A Operator: NP
Run Time: 02/10/09 11:26:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.011998	322.5854	-3.26404	222.3822	36.74851	-.107299	27894.25
SDev	.107502	7.7572	.91178	.9320	.00899	.000069	369.05
%RSD	895.9809	2.404683	27.93403	.4190860	.0244647	.0646201	1.323019
#1	.0640171	328.0706	-2.61932	221.7232	36.74215	-.107250	27633.29
#2	-.088014	317.1003	-3.90877	223.0412	36.75487	-.107348	28155.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.205969	9.404125	-.508481	2.031341	2014.596	6716.021	7034.787
SDev	.176799	.359768	.005717	.188465	30.733	24.538	41.748
%RSD	85.83766	3.825635	1.124249	9.277885	1.525538	.3653670	.5934551
#1	-.080953	9.149731	-.512523	2.164606	1992.864	6733.372	7005.267
#2	-.330984	9.658519	-.504439	1.898076	2036.328	6698.670	7064.308

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2904.489	1.705907	74795.29	15.19961	1.626982	-1.34193	1.239645
SDev	16.787	.353559	285.32	.09482	.727299	.29792	.117304
%RSD	.5779514	20.72555	.3814647	.6238206	44.70233	22.20118	9.462694
#1	2892.619	1.955911	74997.04	15.13256	2.141260	-1.55259	1.322591
#2	2916.359	1.455904	74593.54	15.26665	1.112704	-1.13126	1.156698

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.721501	2.668451	1.106128	-1.27995	-1.46717	.6314337	7.516363
SDev	2.174990	.367091	.907133	.72029	2.33755	.1273638	.155588
%RSD	301.4536	13.75670	82.00974	56.27517	159.3239	20.17058	2.069994
#1	.8164496	2.928024	1.747568	-.770624	-3.12007	.7214935	7.626381
#2	-2.25945	2.408879	.4646884	-1.78927	.1857296	.5413739	7.406346

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8327.596	-2.37676	156.6887	21.59678
SDev	65.149	2.33217	.1187	.35684
%RSD	.7823281	98.12414	.0757598	1.652303
#1	8281.528	-.727662	156.6048	21.84911
#2	8373.663	-4.02585	156.7727	21.34446

Method: STL3 Sample Name: 220-7982-D-1-A Operator: NP
Run Time: 02/10/09 11:31:50
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0047529	430.4557	.7380382	23.16921	82.82877	.0100526	56542.58
SDev	.1424834	2.6952	.6818537	.76219	.14384	.0001193	429.51
%RSD	2997.802	.6261215	92.38731	3.289676	.1736612	1.186727	.7596309
#1	-.095998	432.3615	.2558948	23.70816	82.72705	.0099682	56238.87
#2	.1055039	428.5499	1.220182	22.63025	82.93047	.0101369	56846.29

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.413376	.1417087	.9949840	1.116338	447.7518	10130.71	11803.76
SDev	.258686	.3582701	.1599042	.144585	7.8586	47.44	32.11
%RSD	62.57892	252.8215	16.07103	12.95172	1.755134	.4682827	.2720013
#1	-.230457	.3950439	.8819147	1.218575	453.3087	10164.26	11781.06
#2	-.596295	-.111626	1.108053	1.014101	442.1950	10097.17	11826.46

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	93.36774	16.44142	79647.03	1.293751	2.008290	2.551768	1.180582
SDev	.42795	.51994	165.57	.660274	.258847	.668120	1.105190
%RSD	.4583464	3.162369	.2078771	51.03566	12.88891	26.18262	93.61404
#1	93.06513	16.07377	79764.11	1.760635	1.825258	3.024200	1.962069
#2	93.67034	16.80907	79529.96	.8268663	2.191323	2.079336	.3990942

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.21035	2.809012	1.607880	3.083284	1.486039	8.115007	3.843578
SDev	4.86594	1.208859	.991529	.388174	1.228710	1.424425	.305500
%RSD	220.1437	43.03502	61.66684	12.58963	82.68356	17.55297	7.948329
#1	-5.65108	3.663804	.9067635	3.357765	2.354868	9.122229	4.059599
#2	1.230390	1.954220	2.308997	2.808803	.6172098	7.107787	3.627557

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4323.730	-1.14867	547.3466	9.708654
SDev	20.011	1.24027	.3094	.100633
%RSD	.4628256	107.9748	.0565277	1.036524
#1	4309.580	-.271663	547.5653	9.779813
#2	4337.880	-2.02567	547.1277	9.637497

Method: STL3 Sample Name: 220-7962-A-1-A Operator: NP
Run Time: 02/10/09 11:37:34
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0003607	383.8075	-1.70073	37.67519	89.24593	-.058609	35566.05
SDev	.1532560	4.6312	1.35246	.76308	.70570	.000007	430.34
%RSD	42487.92	1.206657	79.52235	2.025426	.7907410	.0118475	1.209961
#1	-.108008	380.5327	-.744394	37.13561	88.74692	-.058604	35261.75
#2	.1087291	387.0822	-2.65706	38.21477	89.74493	-.058614	35870.34

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.672244	-.706808	.7725784	189.8493	53.92876	1604.396	11318.75
SDev	.206064	.270194	.4011465	1.5088	1.61183	9.815	89.56
%RSD	30.65317	38.22739	51.92308	.7947331	2.988809	.6117724	.7912793
#1	-.817954	-.897864	.4889250	188.7824	52.78902	1597.455	11255.42
#2	-.526535	-.515752	1.056232	190.9162	55.06849	1611.336	11382.08

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.417927	1.235312	55206.40	1.330309	1.900845	-.908021	-.689901
SDev	.020365	.311963	248.08	.316455	.366905	.724542	2.325100
%RSD	.4609556	25.25381	.4493704	23.78808	19.30222	79.79359	337.0194
#1	4.432327	1.014721	55030.98	1.554076	2.160287	-1.42035	-2.33400
#2	4.403527	1.455904	55381.82	1.106541	1.641404	-.395692	.9541932

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.651554	2.576723	1.562664	-.016955	-2.69373	.2375696	31.55357
SDev	5.419304	1.001459	.050034	.678486	.81693	.2251465	.61156
%RSD	95.89051	38.86562	3.201816	4001.780	30.32725	94.77075	1.938163
#1	9.483581	3.284861	1.598043	-.496717	-3.27139	.0783670	31.12113
#2	1.819527	1.868584	1.527285	.4628077	-2.11607	.3967723	31.98601

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	22824.85	1.033419	117.9908	7.964964
SDev	230.75	3.159142	.7498	.067691
%RSD	1.010942	305.6979	.6354378	.8498621
#1	22661.69	-1.20043	117.4606	7.917099
#2	22988.02	3.267270	118.5209	8.012829

Method: STL3 Sample Name: 220-7988-B-1-A Operator: NP
Run Time: 02/10/09 11:43:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.029054	285.9677	-2.93527	145.3257	38.63965	-.154096	H117693.1
SDev	.080724	1.5052	.55855	1.1443	.17530	.036856	817.4
%RSD	277.8398	.5263501	19.02877	.7874267	.4536822	23.91755	.6944843
#1	.0280262	284.9034	-2.54032	144.5166	38.51569	-.128035	H117115.2
#2	-.086134	287.0320	-3.33022	146.1349	38.76361	-.180158	H118271.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.679952	.3639270	-.112471	.2033523	820.8007	4567.958	55336.13
SDev	.022499	.2124513	.244460	.0443400	7.3329	6.543	360.65
%RSD	.8395424	58.37745	217.3536	21.80453	.8933796	.1432478	.6517529
#1	2.695862	.2137013	.0603882	.2347055	815.6156	4572.585	55081.11
#2	2.664043	.5141528	-.285330	.1719992	825.9858	4563.332	55591.15

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1552.429	1.794144	54237.90	1.504427	1.154710	-.343306	-.512352
SDev	11.701	.020797	44.01	.152985	.403520	2.349715	1.147523
%RSD	.7537060	1.159185	.0811511	10.16896	34.94559	684.4365	223.9716
#1	1544.156	1.779438	54206.78	1.396251	1.440042	1.318193	-1.32377
#2	1560.703	1.808850	54269.02	1.612604	.8693783	-2.00481	.2990693

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.23853	2.177103	.6435805	-.374536	-.281754	.0762836	3.482815
SDev	4.51667	.544652	.3329192	1.844179	3.362303	.3454395	.154596
%RSD	139.4667	25.01726	51.72922	492.3900	1193.348	452.8358	4.438818
#1	-.044761	2.562230	.8789899	.9294955	2.095754	-.167979	3.592131
#2	-6.43230	1.791976	.4081711	-1.67857	-2.65926	.3205462	3.373499

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5131.227	L-12.0019	923.7236	5.519770
SDev	16.246	1.8296	2.1328	.883396
%RSD	.3166075	15.24406	.2308916	16.00421
#1	5119.740	L-13.2956	922.2155	6.144425
#2	5142.715	L-10.7082	925.2317	4.895115

Method: STL3 Sample Name: 220-7988-C-2-A Operator: NP
Run Time: 02/10/09 11:49:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.547785	12.33059	-.677462	45.10466	87.31665	-.086236	H112388.9
SDev	.186772	3.12016	1.343907	.23102	.03596	.036637	1103.9
%RSD	34.09586	25.30425	198.3738	.5121896	.0411792	42.48433	.9821890
#1	-.415717	14.53688	-1.62775	45.26801	87.29122	-.112142	H111608.3
#2	-.679853	10.12430	.2728240	44.94130	87.34207	-.060330	H113169.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1015674	-.052482	-3.92962	-.392406	4236.174	5935.223	47051.24
SDev	.1378143	.092036	.01755	.111353	16.598	6.543	225.27
%RSD	135.6875	175.3676	.4464864	28.37698	.3918163	.1102428	.4787673
#1	.1990169	-.117561	-3.91722	-.313667	4224.438	5939.850	46891.96
#2	.0041180	.0125975	-3.94203	-.471144	4247.911	5930.596	47210.53

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13025.05	.3970646	81423.83	-.108198	-.175065	1.375338	-1.45230
SDev	85.06	.9150928	31.91	.801818	1.820594	.465793	1.19570
%RSD	.6530810	230.4645	.0391946	741.0646	1039.955	33.86755	82.33149
#1	12964.90	-.250004	81401.26	-.675169	-1.46242	1.704703	-2.29778
#2	13085.20	1.044133	81446.39	.4587726	1.112290	1.045972	-.606811

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.778482	.5926973	-.558970	4.163907	-4.21118	-.159354	.6935349
SDev	3.438628	2.259130	1.601655	2.577878	3.76472	.286466	.3734916
%RSD	59.50747	381.1609	286.5367	61.91007	89.39828	179.7674	53.85333
#1	8.209960	-1.00475	-1.69151	5.986741	-6.87323	.0432084	.4294365
#2	3.347005	2.190144	.5735708	2.341072	-1.54912	-.361916	.9576334

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3779.668	L-10.0191	310.8950	.2547900
SDev	27.802	2.0669	.4195	.0451244
%RSD	.7355702	20.62986	.1349189	17.71042
#1	3760.008	L-11.4807	310.5984	.2866977
#2	3799.326	-8.55759	311.1916	.2228823

Method: STL3 Sample Name: 220-7988-C-3-A Operator: NP
Run Time: 02/10/09 11:54:45
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.676775	20.08629	-.839470	44.90022	86.44259	-.172562	H114189.5
SDev	.048528	.81538	.719369	.55321	.17530	.061095	634.3
%RSD	7.170474	4.059407	85.69331	1.232080	.2027918	35.40479	.5554821
#1	-.711089	19.50973	-.330799	44.50904	86.56654	-.215763	H113741.0
#2	-.642460	20.66286	-1.34814	45.29139	86.31863	-.129361	H114638.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4076630	.1816053	-3.56702	-.361195	4253.858	6024.292	46685.09
SDev	.1260571	.0604167	.04795	.155479	2.449	17.995	76.73
%RSD	30.92190	33.26810	1.344390	43.04590	.0575708	.2987011	.1643493
#1	.3185272	.1388843	-3.60093	-.251254	4252.127	6011.567	46630.84
#2	.4967989	.2243264	-3.53311	-.471135	4255.590	6037.016	46739.35

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13078.91	1.000015	80921.81	-.076859	-1.31431	1.124433	-1.25809
SDev	6.60	.311963	194.13	.014208	.70885	2.583542	1.10077
%RSD	.0505008	31.19588	.2398963	18.48531	53.93345	229.7640	87.49510
#1	13083.58	.7794234	80784.54	-.066813	-1.81555	2.951272	-.479730
#2	13074.24	1.220606	81059.08	-.086905	-.813077	-.702407	-2.03645

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.219564	.4579410	-2.19986	4.659354	-5.95703	.4220397	.0930284
SDev	4.523902	1.235648	.44578	1.646323	4.46079	.5145348	.0003977
%RSD	107.2125	269.8268	20.26407	35.33373	74.88289	121.9162	.4275012
#1	1.020682	-.415794	-2.51507	5.823481	-2.80277	.7858708	.0927472
#2	7.418446	1.331676	-1.88464	3.495228	-9.11128	.0582087	.0933096

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3818.564	-8.09797	313.7216	.4099171
SDev	30.413	2.30301	.6230	.0966622
%RSD	.7964560	28.43930	.1985740	23.58091
#1	3797.059	-9.72645	313.2811	.3415666
#2	3840.070	-6.46950	314.1621	.4782676

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 02/10/09 12:00:28
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.85818	4746.984	500.4728	477.6106	488.3242	485.0407	18705.84
SDev	.39998	4.588	1.3800	2.2828	.3461	1.9405	118.33
%RSD	.7712874	.0966562	.2757371	.4779576	.0708724	.4000712	.6325827
#1	51.57536	4750.229	499.4970	475.9964	488.5689	483.6686	18622.17
#2	52.14101	4743.740	501.4486	479.2248	488.0795	486.4129	18789.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488.7246	497.4056	499.8397	479.7372	4927.115	18835.16	18596.08
SDev	.9548	4.2664	3.2890	1.0302	14.109	55.62	78.16
%RSD	.1953642	.8577261	.6580094	.2147406	.2863610	.2952974	.4203267
#1	488.0494	494.3888	497.5140	479.0087	4917.139	18874.49	18540.81
#2	489.3997	500.4224	502.1653	480.4656	4937.092	18795.84	18651.35

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.8814	495.2132	21072.10	489.9207	485.9977	483.1318	477.2805
SDev	.2346	4.8042	30.13	4.3754	.8541	.2266	4.0670
%RSD	.0464724	.9701312	.1429692	.8930869	.1757380	.0469029	.8521256
#1	504.7155	491.8161	21093.40	486.8268	485.3938	482.9716	474.4047
#2	505.0473	498.6103	21050.80	493.0146	486.6016	483.2921	480.1563

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	475.3677	481.9858	488.0000	480.2471	488.9088	490.7020	492.8044
SDev	5.2004	.5733	.9943	1.4149	3.5146	2.4666	2.0659
%RSD	1.093977	.1189442	.2037420	.2946110	.7188665	.5026606	.4192140
#1	479.0449	481.5804	487.2970	481.2476	486.4237	488.9579	491.3436
#2	471.6904	482.3912	488.7031	479.2466	491.3940	492.4461	494.2652

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	516.2594	480.8524	498.7167	488.6518
SDev	1.9662	4.9307	.5874	.0555
%RSD	.3808485	1.025402	.1177880	.0113670
#1	517.6497	477.3659	499.1321	488.6910
#2	514.8691	484.3389	498.3013	488.6125

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 02/10/09 12:06:12
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0196073	3.048533	-3.84578	1.593011	.0127136	-.086313	1.386828
SDev	.0713043	5.526616	.17092	.648912	.0179797	.061016	.163439
%RSD	363.6617	181.2877	4.444429	40.73490	141.4214	70.69167	11.78512
#1	.0700270	6.956440	-3.72492	2.051861	-.000000	-.043168	1.271259
#2	-.030812	-.859374	-3.96664	1.134162	.0254271	-.129457	1.502397

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.184975	-.461512	.1459485	-.777477	-.362769	37.01567	-2.13839
SDev	.004552	.026771	.0685824	.300120	4.893472	4.90761	.69789
%RSD	2.461125	5.800700	46.99082	38.60186	1348.921	13.25821	32.63641
#1	-.181756	-.480442	.0974534	-.989694	3.097438	40.48588	-1.64490
#2	-.188194	-.442582	.1944436	-.565259	-3.82298	33.54546	-2.63187

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0072643	2.514743	-1.91143	-.357016	-.011927	-.308483	4.211524
SDev	.0000659	1.663805	.61039	.976387	1.197622	.795469	4.868676
%RSD	.9073904	66.16204	31.93397	273.4853	10041.33	257.8644	115.6037
#1	.0073109	3.691231	-1.47981	-1.04743	-.858773	.2539980	7.654198
#2	.0072177	1.338255	-2.34304	.3333935	.8349195	-.870965	.7688498

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4851507	-.728493	.3452190	-.767948	.6106237	.6365991	.5396680
SDev	5.286061	.447710	1.572015	.232428	1.922959	.7323953	.1541486
%RSD	1089.571	61.45710	455.3675	30.26610	314.9171	115.0481	28.56360
#1	4.222961	-1.04507	-.766364	-.603597	1.970361	1.154481	.4306684
#2	-3.25266	-.411914	1.456802	-.932299	-.749113	.1187174	.6486675

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-8.12202	4.551350	.0139436	.2631629
SDev	2.26790	2.126105	.0079076	.2589266
%RSD	27.92279	46.71373	56.71143	98.39026
#1	-6.51838	6.054734	.0195352	.4462516
#2	-9.72567	3.047967	.0083521	.0800741

Method: STL3 Sample Name: 220-7988-B-4-A Operator: NP
Run Time: 02/10/09 12:11:56
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.22169	138.4290	22.51173	23.75364	205.2920	-.154929	H198706.0
SDev	.12523	4.1507	.45837	.61176	1.3755	.060888	2401.6
%RSD	5.636692	2.998442	2.036128	2.575450	.6700004	39.30042	1.208603
#1	-2.31024	141.3640	22.83585	23.32106	204.3194	-.197983	H197007.8
#2	-2.13314	135.4940	22.18762	24.18622	206.2646	-.111875	H200404.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.063954	.4930120	-7.99435	1.277263	35448.61	5116.252	70557.29
SDev	.235504	.2102304	.02630	.166186	192.70	13.087	464.78
%RSD	368.2411	42.64204	.3289609	13.01113	.5436128	.2557927	.6587258
#1	.1025729	.6416673	-7.97575	1.394774	35312.34	5106.998	70228.64
#2	-.230481	.3443567	-8.01295	1.159751	35584.87	5125.506	70885.94

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31052.25	3.000044	H172660.2	.0834741	8.989140	1.373877	.7456160
SDev	179.33	.311963	503.9	.4165189	2.832949	3.232576	.2135753
%RSD	.5775204	10.39863	.2918396	498.9795	31.51524	235.2886	28.64415
#1	30925.44	3.220636	H172303.9	.3779975	6.985942	3.659653	.8966365
#2	31179.06	2.779453	H173016.5	-.211049	10.99234	-.911900	.5945954

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.21423	11.12076	7.924131	5.425191	-6.74202	1.456148	.4927292
SDev	2.49897	3.71901	2.390583	2.905197	3.88818	1.029600	.5611229
%RSD	205.8067	33.44206	30.16839	53.55014	57.67080	70.70713	113.8806
#1	.5528068	8.491018	6.233734	7.479476	-3.99266	.7281104	.8895030
#2	-2.98127	13.75049	9.614529	3.370906	-9.49137	2.184185	.0959554

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5772.860	4.177400	510.2089	2.499867
SDev	47.467	4.365849	1.2182	.173267
%RSD	.8222374	104.5112	.2387669	6.931029
#1	5739.296	7.264522	509.3475	2.622386
#2	5806.424	1.090279	511.0703	2.377350

Method: STL3 Sample Name: 220-7988-A-5-A Operator: NP
Run Time: 02/10/09 12:17:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.358755	.9721909	1.328813	45.02455	103.3834	-.172738	H104726.1
SDev	.100432	.3807598	.354866	.41747	.1933	.085310	741.2
%RSD	27.99453	39.16512	26.70547	.9271953	.1869592	49.38689	.7077484
#1	-.429771	.7029531	1.579741	45.31975	103.5201	-.233062	H104202.0
#2	-.287739	1.241429	1.077885	44.72936	103.2467	-.112415	H105250.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.579165	.3722488	-2.87876	-.228025	7890.892	6744.940	36251.78
SDev	.130237	.0903026	.08632	.232908	26.417	26.174	21.06
%RSD	22.48693	24.25866	2.998420	102.1413	.3347792	.3880539	.0581049
#1	-.487074	.3083952	-2.93980	-.063334	7909.571	6763.447	36266.68
#2	-.671257	.4361023	-2.81773	-.392716	7872.212	6726.432	36236.89

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11295.88	1.602965	86983.48	-.210823	1.390995	-3.39609	.0217969
SDev	16.49	.124785	43.88	.000196	.582567	.77156	2.002772
%RSD	.1459881	7.784654	.0504519	.0927561	41.88132	22.71915	9188.341
#1	11284.22	1.514728	87014.51	-.210684	1.802932	-3.94167	1.437970
#2	11307.54	1.691201	86952.45	-.210961	.9790579	-2.85051	-1.39438

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.120265	2.707139	.7331098	-2.91991	-4.35089	1.232159	1.049214
SDev	1.103263	.464694	1.105413	.04319	2.40352	1.185154	.305611
%RSD	26.77650	17.16551	150.7841	1.479287	55.24211	96.18514	29.12765
#1	3.340140	2.378550	1.514755	-2.88936	-6.05043	.3941287	.8331138
#2	4.900390	3.035727	-.048535	-2.95045	-2.65134	2.070189	1.265313

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4337.631	-4.47671	270.5880	.0230696
SDev	16.916	1.23939	.3515	.0618692
%RSD	.3899827	27.68533	.1299115	268.1847
#1	4325.670	-5.35309	270.8366	.0668178
#2	4349.593	-3.60033	270.3394	-.020679

Method: STL3 Sample Name: 220-7988-B-6-A Operator: NP
Run Time: 02/10/09 12:23:25
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0099860	1.280279	-2.08953	29.99901	85.77195	-.129505	H102196.2
SDev	.0171678	2.425260	.22286	.03692	.36858	.073203	748.2
%RSD	171.9193	189.4322	10.66571	.1230684	.4297247	56.52511	.7321448
#1	-.002154	-.434639	-2.24712	29.97290	85.51132	-.077743	H101667.1
#2	.0221254	2.995197	-1.93194	30.02511	86.03258	-.181267	H102725.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.117056	1.940280	-.602668	-.188788	139.7896	7457.490	37110.57
SDev	.200010	.149970	.139647	.088741	7.9064	9.815	198.94
%RSD	170.8666	7.729314	23.17141	47.00554	5.655897	.1316114	.5360739
#1	-.258484	2.046325	-.503923	-.251537	134.1989	7464.430	36969.89
#2	.0243721	1.834235	-.701413	-.126039	145.3802	7450.550	37251.24

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1547.874	1.441198	H128372.1	3.013229	.0733413	-.426704	-.327637
SDev	6.217	.062393	54.7	1.567468	1.255432	.105538	.495258
%RSD	.4016619	4.329224	.0425943	52.01952	1711.766	24.73340	151.1603
#1	1543.478	1.485316	H128333.4	1.904863	.9610661	-.352077	.0225627
#2	1552.271	1.397079	H128410.8	4.121596	-.814383	-.501330	-.677838

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.843782	.2039996	.0073605	1.211601	-3.70944	.0132407	3.958207
SDev	1.984078	.2517998	2.007989	.464309	1.24694	.3459414	.457835
%RSD	107.6091	123.4315	27280.54	38.32194	33.61549	2612.707	11.56672
#1	3.246738	.0259503	1.427223	.8832853	-2.82771	.2578582	3.634469
#2	.4408272	.3820489	-1.41250	1.539918	-4.59116	-.231377	4.281945

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3098.189	-2.85747	279.3909	-.170517
SDev	5.893	.67919	.5139	.009836
%RSD	.1901973	23.76896	.1839234	5.768363
#1	3094.023	-3.33773	279.0275	-.163562
#2	3102.356	-2.37721	279.7542	-.177473

Method: STL3 Sample Name: 220-7988-B-6-B DU Operator: NP
Run Time: 02/10/09 12:29:09
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.134918	1.212330	-.467389	30.88810	87.93643	-.103574	H105975.9
SDev	.339192	1.511495	2.473474	.34258	.47197	.036617	308.6
%RSD	251.4061	124.6768	529.2109	1.109106	.5367163	35.35298	.2911691
#1	.1049270	2.281118	-2.21640	30.64586	87.60270	-.077683	H105757.8
#2	-.374763	.1435420	1.281621	31.13034	88.27016	-.129466	H106194.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0035828	2.004663	-.449455	.6817464	154.0281	7603.239	37982.21
SDev	.1846508	.779898	.240867	.0775439	5.1210	19.630	125.63
%RSD	5153.849	38.90418	53.59098	11.37431	3.324726	.2581860	.3307534
#1	-.126985	1.453192	-.279136	.6269145	150.4069	7589.358	37893.38
#2	.1341506	2.556134	-.619774	.7365782	157.6491	7617.120	38071.05

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1597.884	1.985323	H129901.7	3.438613	-.315499	1.734601	-.344912
SDev	.866	.166380	444.2	.099007	.172105	.632645	.698729
%RSD	.0542139	8.380515	.3419306	2.879262	54.54997	36.47207	202.5816
#1	1597.272	1.867675	H129587.6	3.508621	-.437195	2.181949	-.838989
#2	1598.497	2.102972	H130215.7	3.368604	-.193803	1.287254	.1491637

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.01968	1.315881	-1.13077	3.722862	-2.24899	-.207889	4.817815
SDev	1.51324	1.924391	1.21878	2.016319	2.13900	.022976	.917937
%RSD	50.11279	146.2435	107.7837	54.16047	95.10930	11.05226	19.05298
#1	-4.08970	2.676630	-1.99257	5.148615	-3.76149	-.191642	5.466894
#2	-1.94965	-.044869	-.268957	2.297109	-.736490	-.224135	4.168735

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3188.062	-4.06794	285.9933	-.107220
SDev	14.033	.91533	.3531	.003859
%RSD	.4401689	22.50111	.1234796	3.599343
#1	3178.139	-4.71517	285.7436	-.104491
#2	3197.985	-3.42070	286.2430	-.109949

Method: STL3 Sample Name: 220-7988-B-6-C MS Operator: NP
Run Time: 02/10/09 12:34:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.04200	2007.868	35.37575	1065.675	1975.307	49.50151	H113521.9
SDev	.32000	12.434	1.45628	10.416	2.198	.28157	1333.3
%RSD	.6269250	.6192815	4.116619	.9773780	.1112723	.5688067	1.174526
#1	50.81573	1999.076	36.40550	1058.310	1976.861	49.30241	H112579.1
#2	51.26827	2016.661	34.34600	1073.040	1973.753	49.70061	H114464.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.17482	485.7820	191.3403	246.2506	1102.453	22375.94	48083.18
SDev	.09206	4.4138	1.5539	.0077	5.391	70.34	177.12
%RSD	.1910947	.9086071	.8121110	.0031197	.4889768	.3143641	.3683600
#1	48.23992	482.6610	190.2415	246.2451	1098.641	22326.20	47957.93
#2	48.10973	488.9031	192.4391	246.2560	1106.265	22425.68	48208.42

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2033.252	1017.309	H132898.2	484.8250	20.98512	51.59383	1132.036
SDev	13.597	9.712	508.8	2.1467	.96157	.41205	5.996
%RSD	.6687168	.9547235	.3828385	.4427689	4.582152	.7986352	.5296265
#1	2023.638	1010.441	H132538.4	483.3071	20.30518	51.88519	1127.796
#2	2042.867	1024.177	H133258.0	486.3429	21.66505	51.30247	1136.275

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.87166	21.36217	20.79607	53.99641	46.78045	481.3582	488.8278
SDev	1.39219	.97509	.95510	.70132	.16736	2.5422	4.8892
%RSD	2.791539	4.564579	4.592696	1.298829	.3577623	.5281218	1.000188
#1	48.88724	20.67268	20.12071	54.49232	46.66210	479.5606	485.3706
#2	50.85609	22.05167	21.47143	53.50050	46.89879	483.1558	492.2850

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4081.468	1050.124	281.3663	1008.516
SDev	26.059	7.387	.9996	4.702
%RSD	.6384592	.7033983	.3552556	.4661845
#1	4063.042	1044.901	280.6595	1005.191
#2	4099.894	1055.347	282.0731	1011.840

Method: STL3 Sample Name: 220-7988-B-6-D MSD Operator: NP
Run Time: 02/10/09 12:40:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.72220	1971.417	35.97339	1044.829	1943.024	48.58413	H111691.4
SDev	.36343	6.919	2.71508	.841	2.535	.13499	492.8
%RSD	.7309235	.3509735	7.547459	.0804488	.1304775	.2778451	.4411844
#1	49.46522	1966.524	37.89324	1044.235	1941.232	48.48867	H111343.0
#2	49.97919	1976.309	34.05354	1045.424	1944.817	48.67958	H112039.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.70837	472.0948	185.3263	242.5353	1080.005	22026.60	47674.72
SDev	.11140	2.3464	1.1997	.9843	8.613	83.43	117.08
%RSD	.2385008	.4970261	.6473187	.4058566	.7974830	.3787706	.2455839
#1	46.78714	470.4356	184.4780	241.8392	1086.095	21967.61	47591.93
#2	46.62960	473.7539	186.1746	243.2313	1073.915	22085.60	47757.51

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2004.459	1005.633	H132766.2	473.7658	18.57384	50.88844	1112.329
SDev	10.712	8.465	582.3	5.0746	.90745	.09708	2.347
%RSD	.5344124	.8417156	.4385675	1.071125	4.885610	.1907637	.2110021
#1	1996.885	999.6472	H132354.4	477.3541	17.93218	50.95709	1113.989
#2	2012.034	1011.618	H133177.9	470.1775	19.21550	50.81980	1110.670

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.53060	18.54278	18.58864	52.07003	48.52062	469.0520	471.5851
SDev	4.17733	.99357	1.85639	.17015	.63219	1.1734	.2258
%RSD	8.788719	5.358283	9.986682	.3267699	1.302923	.2501574	.0478729
#1	50.48442	19.24534	17.27598	51.94971	48.96765	468.2223	471.4255
#2	44.57678	17.84022	19.90131	52.19034	48.07360	469.8817	471.7448

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4051.140	1034.948	281.8127	992.2986
SDev	23.831	4.374	.9461	3.6515
%RSD	.5882419	.4225979	.3357027	.3679797
#1	4034.289	1031.856	281.1438	989.7167
#2	4067.990	1038.041	282.4817	994.8806

Method: STL3 Sample Name: 220-7988-B-6-A SD@5 Operator: NP
Run Time: 02/10/09 12:46:20
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1549834	-6.15062	-.647928	8.324122	17.59555	-.025803	20918.52
SDev	.0216860	2.39067	1.872124	.974663	.11687	.073481	418.40
%RSD	13.99246	38.86878	288.9403	11.70890	.6641877	284.7715	2.000162
#1	.1396491	-7.84109	-1.97172	9.013312	17.51291	.0261553	20622.66
#2	.1703177	-4.46016	.6758640	7.634930	17.67819	-.077762	21214.38

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.315488	.2413032	-.003129	-.645323	26.91692	1088.491	7444.795
SDev	.006961	.3543354	.424093	.087564	9.22021	3.272	65.148
%RSD	2.206307	146.8424	13551.53	13.56907	34.25433	.3005768	.8750777
#1	-.310566	-.009250	.2967494	-.583406	20.39725	1086.177	7398.729
#2	-.320410	.4918561	-.303008	-.707241	33.43660	1090.804	7490.861

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	322.0820	5.529493	36669.99	.2506497	1.318102	-3.30960	3.364738
SDev	1.7227	2.766076	71.20	.6142525	.438304	.54399	1.874720
%RSD	.5348533	50.02404	.1941631	245.0642	33.25262	16.43683	55.71666
#1	320.8639	7.485404	36619.64	-.183692	1.628030	-2.92494	4.690365
#2	323.3001	3.573582	36720.34	.6849918	1.008175	-3.69426	2.039111

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0277014	.0717916	1.939674	-4.43291	-1.06081	.7375855	5.967342
SDev	.0770955	2.171608	.427120	2.01600	2.40473	1.721376	.840855
%RSD	278.3094	3024.876	22.02020	45.47818	226.6891	233.3798	14.09094
#1	-.026813	1.607351	1.637654	-3.00737	-2.76121	-.479611	5.372768
#2	.0822162	-1.46377	2.241693	-5.85844	.6395968	1.954782	6.561916

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	618.0098	2.381282	57.50292	.7102513
SDev	6.2745	2.834454	.22438	.3124387
%RSD	1.015267	119.0306	.3902116	43.98988
#1	613.5731	4.385544	57.34426	.9311789
#2	622.4465	.3770209	57.66159	.4893238

Method: STL3 Sample Name: 220-7988-B-7-A Operator: NP
Run Time: 02/10/09 12:52:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.03697	1.488576	-.791799	28.86166	420.7358	-.008614	H320291.7
SDev	.13916	3.111273	3.388588	.87445	1.4834	.073299	2910.5
%RSD	13.42029	209.0100	427.9606	3.029782	.3525617	850.8998	.9087085
#1	-1.13538	-.711426	-3.18789	28.24333	419.6869	.0432158	H318233.7
#2	-.938569	3.688579	1.604294	29.47998	421.7847	-.060444	H322349.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.156726	3.963571	-5.22730	-.495110	5260.736	20645.46	77499.95
SDev	.196113	.476855	.30136	.189036	29.357	76.89	396.96
%RSD	125.1312	12.03095	5.765174	38.18063	.5580401	.3724151	.5122108
#1	-.295399	3.626384	-5.44039	-.628779	5239.977	20699.83	77219.26
#2	-.018053	4.300759	-5.01420	-.361441	5281.495	20591.09	77780.65

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18276.99	2.382388	H201179.8	2.902198	1.049912	-.524744	-2.63406
SDev	159.17	1.102271	503.8	.576165	.235245	.376263	1.48910
%RSD	.8708887	46.26749	.2504241	19.85270	22.40618	71.70419	56.53260
#1	18164.44	3.161811	H200823.5	2.494788	1.216256	-.258686	-3.68701
#2	18389.54	1.602965	H201536.0	3.309607	.8835686	-.790802	-1.58110

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5334382	1.239498	.9544616	4.039057	-9.66725	.2308456	3.239182
SDev	1.324963	1.676533	.4843182	1.256574	1.38700	.7769653	.596150
%RSD	248.3817	135.2590	50.74256	31.11059	14.34743	336.5736	18.40435
#1	1.470328	2.424986	.6119969	4.927589	L-10.6480	-.318552	2.817640
#2	-.403452	.0540106	1.296926	3.150525	-8.68649	.7802430	3.660724

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3402.522	-.813141	918.0326	.1729341
SDev	10.079	1.653991	1.9070	.0675957
%RSD	.2962275	203.4076	.2077311	39.08754
#1	3395.395	-1.98269	916.6841	.1251368
#2	3409.649	.3564068	919.3810	.2207315

Method: STL3 Sample Name: 220-7988-C-8-A Operator: NP
Run Time: 02/10/09 12:57:47
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1062577	242.2813	-1.41468	28.82348	55.69805	.0012633	67149.83
SDev	.0439908	2.4238	.23942	.20907	.01798	.0121823	421.18
%RSD	41.40007	1.000415	16.92413	.7253460	.0322779	964.3486	.6272265
#1	.0751516	243.9952	-1.58397	28.67565	55.68534	.0098774	66852.01
#2	.1373639	240.5674	-1.24538	28.97132	55.71077	-.007351	67447.65

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1211587	.2954723	.0888796	.5249842	1172.038	3559.283	34416.60
SDev	.1469386	.7779263	.1496452	.0777898	2.125	.000	85.39
%RSD	121.2778	263.2823	168.3686	14.81754	.1812666	.0000000	.2481111
#1	.2250599	-.254605	.1946947	.4699785	1170.536	3559.283	34356.22
#2	.0172574	.8455493	-.016936	.5799899	1173.540	3559.283	34476.98

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	437.8773	1.794144	62359.23	30.88987	.4423536	.5451190	-.592426
SDev	2.1608	.270368	312.85	.29691	1.717741	.0820665	.092887
%RSD	.4934641	15.06950	.5016909	.9611826	388.3186	15.05478	15.67903
#1	436.3494	1.985323	62138.01	30.67992	-.772273	.6031488	-.658106
#2	439.4051	1.602965	62580.45	31.09981	1.656980	.4870892	-.526745

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.182271	3.041930	-.856286	.9330443	-.232998	.2457290	44.60249
SDev	1.787995	.428704	2.361294	.3679707	.983634	.2929552	.22911
%RSD	42.75177	14.09317	275.7600	39.43765	422.1647	119.2188	.5136623
#1	2.917968	2.738790	-2.52597	.6728497	.4625365	.0385785	44.44049
#2	5.446574	3.345070	.8134011	1.193239	-.928532	.4528796	44.76450

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5549.560	-6.33724	211.2440	5.598899
SDev	6.253	1.97840	.2797	.230729
%RSD	.1126779	31.21861	.1323902	4.120966
#1	5545.139	-7.73618	211.0462	5.435749
#2	5553.982	-4.93830	211.4417	5.762049

Method: STL3 Sample Name: 220-7988-B-9-A Operator: NP
Run Time: 02/10/09 13:03:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0195129	132.8892	-.547838	15.00541	105.6559	-.033871	H139210.3
SDev	.2245030	.9104	1.652711	.05741	.3057	.109882	533.5
%RSD	1150.539	.6850773	301.6790	.3825644	.2893011	324.4146	.3832101
#1	-.139235	132.2454	.6208053	15.04600	105.4398	.0438274	H138833.1
#2	.1782604	133.5329	-1.71648	14.96482	105.8721	-.111569	H139587.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.208915	2.182581	-.701128	.4860258	143.2334	8203.586	43960.14
SDev	.081172	.030347	.092007	.0444037	1.3611	17.994	83.75
%RSD	38.85425	1.390422	13.12271	9.136080	.9502646	.2193423	.1905214
#1	-.151518	2.161123	-.636069	.4546277	144.1959	8216.310	43900.92
#2	-.266313	2.204040	-.766186	.5174240	142.2710	8190.862	44019.36

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2603.069	1.147076	H161066.5	.9751581	.9306423	-.671028	-1.07061
SDev	.938	.020798	566.9	.6785923	.9366778	.730979	.47264
%RSD	.0360180	1.813106	.3519943	69.58793	100.6485	108.9342	44.14647
#1	2602.407	1.161782	H160665.6	.4953209	.2683110	-1.18791	-1.40482
#2	2603.732	1.132370	H161467.4	1.454995	1.592974	-.154148	-.736407

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.234821	2.109053	.3415204	.4363756	-2.89016	.6197511	1.964692
SDev	2.333035	.702107	1.053787	.3294380	1.53527	.1727566	.229320
%RSD	188.9372	33.29015	308.5577	75.49414	53.12044	27.87516	11.67204
#1	-.414884	1.612589	-.403620	.2034277	-3.97576	.7419085	2.126845
#2	2.884525	2.605518	1.086661	.6693234	-1.80456	.4975937	1.802538

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2003.309	-6.56952	336.5390	3.109638
SDev	4.556	.26546	.3353	.191767
%RSD	.2274352	4.040772	.0996311	6.166864
#1	2000.088	-6.75723	336.7761	3.245238
#2	2006.531	-6.38181	336.3019	2.974038

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 02/10/09 13:09:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.62118	4735.984	500.8622	476.7037	482.5745	481.0353	18529.94
SDev	.75791	63.582	17.1114	7.9860	3.5510	11.0718	512.54
%RSD	1.468220	1.342529	3.416382	1.675251	.7358417	2.301662	2.766027
#1	51.08525	4691.025	488.7626	471.0567	480.0636	473.2063	18167.52
#2	52.15710	4780.944	512.9617	482.3506	485.0854	488.8642	18892.37

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483.7708	491.8574	495.4807	476.8593	4898.102	18747.25	18551.31
SDev	10.3262	9.9639	13.3251	3.1455	138.014	173.40	244.80
%RSD	2.134532	2.025772	2.689324	.6596265	2.817695	.9249502	1.319583
#1	476.4691	484.8119	486.0584	474.6351	4800.511	18624.64	18378.21
#2	491.0726	498.9029	504.9029	479.0835	4995.692	18869.87	18724.40

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	499.2595	490.4631	20845.53	484.4572	480.8235	477.0747	475.2500
SDev	11.3857	15.6398	181.37	11.7458	10.2988	6.2408	13.2466
%RSD	2.280513	3.188777	.8700803	2.424535	2.141917	1.308136	2.787295
#1	491.2086	479.4041	20717.28	476.1516	473.5411	472.6618	465.8832
#2	507.3103	501.5221	20973.78	492.7627	488.1058	481.4876	484.6168

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	462.1925	477.4365	482.5137	476.7661	477.6918	484.8129	487.8299
SDev	5.2171	7.2798	11.8063	4.9820	8.7623	9.9988	16.7417
%RSD	1.128766	1.524760	2.446822	1.044949	1.834308	2.062395	3.431875
#1	458.5035	472.2889	474.1654	473.2434	471.4959	477.7427	475.9917
#2	465.8816	482.5841	490.8620	480.2889	483.8877	491.8831	499.6681

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	501.4036	469.7183	493.7293	483.1641
SDev	7.5109	15.1874	5.1033	8.0690
%RSD	1.497969	3.233307	1.033615	1.670024
#1	496.0926	458.9791	490.1208	477.4584
#2	506.7146	480.4574	497.3379	488.8697

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 02/10/09 13:14:59
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0350301	-3.50791	.1753017	.9718026	.0222487	-.077667	2.658082
SDev	.0928305	.29910	.2537462	.6483245	.0044949	.073328	.000000
%RSD	265.0022	8.526534	144.7483	66.71361	20.20304	94.41323	.0000000
#1	-.030611	-3.71941	.3547273	1.430237	.0190703	-.025816	2.658082
#2	.1006712	-3.29641	-.004124	.5133679	.0254271	-.129518	2.658082

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.164952	.0668551	.2512745	-.322340	-4.24697	32.38871	-.328666
SDev	.130027	.3627573	.1948613	.210139	3.24401	4.90762	1.861177
%RSD	78.82709	542.6024	77.54919	65.19173	76.38414	15.15224	566.2817
#1	-.073009	.3233633	.1134867	-.173750	-1.95311	35.85891	.9873846
#2	-.256895	-.189653	.3890623	-.470931	-6.54084	28.91850	-1.64472

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0505123	1.985323	14.82901	.4197690	.8137997	2.297776	4.499898
SDev	.0203572	1.622210	1.39518	.1871893	.4597422	.815005	3.336240
%RSD	40.30158	81.71012	9.408480	44.59341	56.49329	35.46931	74.14036
#1	.0649070	3.132399	15.81555	.5521318	.4887129	1.721480	6.858975
#2	.0361175	.8382475	13.84246	.2874062	1.138887	2.874072	2.140819

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.522540	.7281345	.8559685	3.742156	-.596320	.7008067	-.162197
SDev	3.635389	.3195249	.8487917	1.570381	.698013	.3035513	.230204
%RSD	144.1162	43.88268	99.16156	41.96461	117.0535	43.31456	141.9288
#1	-.048068	.9540728	.2557821	2.631728	-.102750	.4861635	-.324975
#2	5.093149	.5021963	1.456155	4.852582	-1.08989	.9154499	.0005820

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-9.35786	5.302932	.0306842	.3559971
SDev	1.12915	1.771798	.0158084	.2662417
%RSD	12.06630	33.41166	51.51949	74.78759
#1	-8.55943	6.555782	.0418624	.5442584
#2	-10.1563	4.050082	.0195060	.1677358

Method: STL3 Sample Name: 220-7988-B-10-A Operator: NP
Run Time: 02/10/09 13:20:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.066446	134.8993	-1.65228	55.82909	147.7791	.0266070	H135788.4
SDev	.077391	3.7507	1.80612	.30516	.2292	.0731105	1078.2
%RSD	116.4728	2.780339	109.3108	.5466052	.1551205	274.7791	.7940333
#1	-.121169	137.5514	-.375159	55.61331	147.6170	-.025090	H135026.0
#2	-.011722	132.2472	-2.92940	56.04488	147.9412	.0783039	H136550.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0091127	.9523048	-.440051	.1720761	1285.549	7024.870	50000.81
SDev	.0106311	.1500757	.318770	.0666819	.021	29.446	167.77
%RSD	116.6626	15.75921	72.43918	38.75139	.0016114	.4191643	.3355333
#1	.0166300	.8461852	-.665455	.1249249	1285.564	7045.691	49882.18
#2	.0015954	1.058424	-.214647	.2192274	1285.535	7004.049	50119.44

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1460.136	1.382373	H159483.9	3.605600	.6024898	-.534319	-.601660
SDev	6.890	.103988	203.2	.011025	.4046732	.887463	2.430267
%RSD	.4718780	7.522400	.1273932	.3057868	67.16680	166.0924	403.9271
#1	1455.264	1.308843	H159340.3	3.613396	.3163427	.0932123	-2.32012
#2	1465.008	1.455904	H159627.6	3.597804	.8886370	-1.16185	1.116798

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3293647	2.035405	-.113693	.4077218	-2.42223	-.195605	3.256641
SDev	.5422590	.428897	.392579	1.940227	1.22123	1.159909	.611312
%RSD	164.6379	21.07184	345.2977	475.8704	50.41753	592.9859	18.77125
#1	.7127997	1.732128	-.391289	1.779670	-3.28577	-1.01578	2.824378
#2	-.054070	2.338681	.1639025	-.964226	-1.55869	.6245750	3.688904

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2514.291	-2.83079	337.2173	3.018659
SDev	4.238	2.68670	.2580	.044289
%RSD	.1685419	94.91007	.0764959	1.467183
#1	2511.294	-.931002	337.0349	3.049977
#2	2517.287	-4.73058	337.3997	2.987342

Method: STL3 Sample Name: MB 220-24178/1-A Operator: NP
Run Time: 02/10/09 13:26:27
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1820662	L-21.5206	-2.53929	.7291576	-.012714	.0173071	L-15.0239
SDev	.0820528	7.4204	1.53125	.5721968	.008990	.1344786	1.4709
%RSD	45.06755	34.48019	60.30206	78.47368	70.71067	777.0154	9.790708
#1	.1240461	L-26.7676	-1.45654	1.133762	-.006357	.1123978	L-13.9838
#2	.2400862	L-16.2736	-3.62205	.3245533	-.019070	-.077784	L-16.0641

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.487997	-.081896	-.429494	-.353579	-3.07276	37.01567	.3288050
SDev	.076793	.151241	.034872	.011130	3.83734	1.63590	.4649364
%RSD	15.73636	184.6735	8.119324	3.147930	124.8825	4.419485	141.4019
#1	-.542298	-.188839	-.454152	-.361449	-.359351	38.17243	.0000453
#2	-.433696	.0250470	-.404836	-.345708	-5.78616	35.85891	.6575647

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.028841	1.544140	20.47081	.2953219	-.511980	-.339680	-2.64261
SDev	.050786	.499142	7.10672	.3615043	.756247	.480225	.04533
%RSD	176.0896	32.32489	34.71637	122.4103	147.7104	141.3759	1.715476
#1	.0070701	1.191194	25.49602	.5509440	-1.04673	-.679250	-2.61055
#2	-.064752	1.897087	15.44560	.0396997	.0227677	-.000109	-2.67467

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.375640	.8163442	-1.17580	1.973792	-4.97497	-.140648	.8107120
SDev	2.198676	.9200555	.67454	.852846	.26585	1.953098	.3824614
%RSD	92.55090	112.7044	57.36848	43.20850	5.343807	1388.644	47.17599
#1	.8209410	.1657667	-1.65276	1.370739	-4.78699	-1.52170	1.081153
#2	3.930339	1.466922	-.698826	2.576845	-5.16296	1.240401	.5402709

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-8.73079	1.920723	-.181330	.1342034
SDev	.67199	.118253	.000031	.0693314
%RSD	7.696731	6.156689	.0170372	51.66141
#1	-9.20595	2.004340	-.181352	.1832281
#2	-8.25562	1.837105	-.181308	.0851787

Method: STL3 Sample Name: LCS 220-24178/2-A Operator: NP
Run Time: 02/10/09 13:32:11
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.8461	5834.945	1019.810	1067.920	300.9456	104.6229	30536.73
SDev	.0063	6.431	.449	.064	.5709	.0244	102.81
%RSD	.0020077	.1102084	.0440551	.0060216	.1896874	.0233173	.3366612
#1	313.8416	5830.398	1019.492	1067.966	301.3492	104.6402	30464.03
#2	313.8505	5839.492	1020.128	1067.875	300.5419	104.6056	30609.42

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	302.0828	304.6790	308.9118	297.7753	24768.92	20142.28	15240.95
SDev	.5658	2.5644	.0915	.1525	58.07	32.72	.70
%RSD	.1872874	.8416887	.0296187	.0512276	.2344350	.1624320	.0045716
#1	301.6827	302.8657	308.9765	297.6674	24727.86	20165.41	15240.46
#2	302.4828	306.4924	308.8471	297.8831	24809.98	20119.15	15241.45

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	207.7989	1065.001	32348.37	305.5398	1011.578	533.9430	1068.047
SDev	.1834	7.404	17.61	1.1900	.399	3.5902	3.357
%RSD	.0882643	.6952017	.0544514	.3894624	.0394347	.6723968	.3142744
#1	207.9286	1059.766	32360.83	306.3812	1011.861	531.4043	1065.674
#2	207.6693	1070.236	32335.92	304.6984	1011.296	536.4816	1070.421

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	983.7658	1008.867	1012.931	534.9768	531.8710	306.7455	307.0584
SDev	6.5639	3.883	1.341	4.9829	.8005	.4222	.6820
%RSD	.6672233	.3848830	.1323429	.9314223	.1505067	.1376374	.2221179
#1	988.4071	1011.613	1011.983	531.4534	531.3050	306.4470	306.5761
#2	979.1243	1006.122	1013.879	538.5002	532.4371	307.0441	307.5407

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	861.2289	1069.803	-.674806	1061.037
SDev	3.5153	1.743	.001793	.278
%RSD	.4081767	.1629589	.2657265	.0261626
#1	858.7432	1068.570	-.676074	1060.841
#2	863.7146	1071.036	-.673538	1061.234

Method: STL3 Sample Name: 220-7946-A-13-A Operator: NP
Run Time: 02/10/09 13:37:55
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6149923	23240.37	11.76725	39.59533	110.7096	1.063034	3160.574
SDev	.1049695	86.97	.51437	.20787	.1528	.060513	22.391
%RSD	17.06842	.3742135	4.371213	.5249851	.1380500	5.692472	.7084554
#1	.6892168	23178.88	12.13097	39.74232	110.8176	1.020245	3144.741
#2	.5407676	23301.87	11.40354	39.44835	110.6015	1.105823	3176.407

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	68.62543	13.00600	986.0603	108.5693	38610.59	851.3592	2910.791
SDev	.30736	.41377	4.8252	.2756	151.01	4.9076	.721
%RSD	.4478773	3.181389	.4893449	.2538706	.3911213	.5764459	.0247849
#1	68.40810	12.71342	982.6484	108.7642	38503.81	847.8890	2911.301
#2	68.84277	13.29858	989.4723	108.3744	38717.38	854.8294	2910.280

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1704.841	8.397182	89.80640	56.91709	136.4631	2.850398	5.505235
SDev	3.679	4.367489	1.39519	1.56733	1.3774	.435356	.745839
%RSD	.2158120	52.01136	1.553554	2.753700	1.009365	15.27350	13.54782
#1	1707.443	11.48546	90.79295	55.80883	137.4371	2.542555	6.032623
#2	1702.239	5.308902	88.81986	58.02536	135.4891	3.158241	4.977847

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.322300	136.5196	136.4341	2.523821	3.503332	52.98157	365.7781
SDev	5.120864	.4358	2.2826	.479071	2.266956	.51938	1.9844
%RSD	69.93519	.3191917	1.673069	18.98198	64.70856	.9803057	.5425090
#1	3.701303	136.2115	138.0481	2.862576	1.900352	52.61431	364.3749
#2	10.94330	136.8278	134.8200	2.185067	5.106312	53.34883	367.1812

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2299.541	19.88889	25.22431	667.1454
SDev	3.616	2.95173	.08346	2.0249
%RSD	.1572405	14.84112	.3308828	.3035113
#1	2296.984	21.97608	25.28333	668.5771
#2	2302.097	17.80170	25.16530	665.7136

Method: STL3 Sample Name: 220-7946-A-13-B DU Operator: NP
Run Time: 02/10/09 13:43:39
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9006173	21260.50	7.799236	32.32419	69.56218	.9746047	3503.697
SDev	.0381679	16.12	.510653	.02807	.10788	.0616658	21.247
%RSD	4.237975	.0758335	6.547473	.0868280	.1550839	6.327264	.6064177
#1	.9276061	21249.10	7.438150	32.34403	69.48589	.9310004	3488.673
#2	.8736285	21271.90	8.160322	32.30434	69.63846	1.018209	3518.721

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.15379	6.628207	993.2881	101.4083	32687.41	787.7387	2828.825
SDev	.34122	.048600	5.4304	.2443	69.65	3.2718	.942
%RSD	.4934233	.7332255	.5467053	.2409105	.2130917	.4153400	.0333022
#1	68.91251	6.593842	989.4483	101.2356	32638.15	785.4251	2828.158
#2	69.39507	6.662572	997.1280	101.5811	32736.66	790.0521	2829.491

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	335.1814	2.970632	96.38850	54.05434	130.2108	4.468970	2.572999
SDev	1.8346	.561534	.98098	1.17139	2.8053	.212264	.453034
%RSD	.5473512	18.90286	1.017740	2.167062	2.154450	4.749722	17.60724
#1	333.8841	3.367697	97.08217	53.22604	128.2271	4.318877	2.893342
#2	336.4787	2.573567	95.69485	54.88264	132.1944	4.619063	2.252655

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.399316	129.8841	130.3731	4.758886	3.887266	46.88943	335.8357
SDev	4.443985	.3750	4.3931	1.630364	2.628197	.18990	2.2186
%RSD	185.2188	.2887296	3.369639	34.25937	67.61041	.4050001	.6606205
#1	5.541688	130.1493	127.2667	3.606044	5.745682	46.75515	334.2669
#2	-.743055	129.6190	133.4795	5.911728	2.028851	47.02372	337.4044

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2387.792	14.28682	23.69966	655.2821
SDev	17.649	.41808	.14183	2.8441
%RSD	.7391424	2.926333	.5984439	.4340258
#1	2375.312	13.99119	23.59938	653.2711
#2	2400.272	14.58245	23.79995	657.2932

Method: STL3 Sample Name: 220-7946-A-13-C MS Operator: NP
Run Time: 02/10/09 13:49:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.90567	28080.64	26.18807	258.8332	487.9269	11.67151	6315.369
SDev	.18593	127.88	.05288	1.6527	.8181	.03669	9.970
%RSD	1.704896	.4553879	.2019181	.6385053	.1676618	.3143552	.1578677
#1	11.03714	27990.22	26.15068	257.6646	488.5054	11.64557	6308.319
#2	10.77420	28171.06	26.22546	260.0018	487.3485	11.69746	6322.419

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	86.82114	109.8430	1018.808	172.9908	36743.63	3054.945	5969.699
SDev	.30627	1.3206	2.372	.3556	69.03	22.902	11.166
%RSD	.3527574	1.202284	.2328111	.2055807	.1878728	.7496779	.1870377
#1	86.60458	108.9091	1017.131	173.2423	36694.82	3038.751	5961.804
#2	87.03770	110.7768	1020.485	172.7394	36792.44	3071.140	5977.595

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	439.6377	210.2825	2583.545	158.2785	147.5849	20.74535	128.0184
SDev	.1528	1.7054	17.353	1.4129	.3219	3.11632	2.9335
%RSD	.0347564	.8110057	.6716586	.8926514	.2181387	15.02180	2.291482
#1	439.7457	209.0766	2571.275	159.2776	147.3573	22.94892	125.9441
#2	439.5296	211.4884	2595.815	157.2795	147.8126	18.54177	130.0927

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.27785	148.5303	147.1122	20.68936	20.85648	262.7984	473.8808
SDev	.64277	2.2564	1.6092	3.06151	3.22612	.5593	.6938
%RSD	2.542818	1.519184	1.093861	14.79750	15.46819	.2128289	.1464065
#1	24.82335	150.1259	145.9743	22.85418	23.13769	262.4029	474.3714
#2	25.73236	146.9348	148.2500	18.52455	18.57526	263.1939	473.3902

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2694.119	209.6435	37.94592	1025.172
SDev	7.222	.0315	.05907	.554
%RSD	.2680763	.0150488	.1556697	.0540210
#1	2689.012	209.6212	37.90416	1024.781
#2	2699.226	209.6658	37.98769	1025.564

Method: STL3 Sample Name: 220-7946-A-13-A SD@5 Operator: NP
Run Time: 02/10/09 13:55:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1336223	4500.301	-.264742	7.851798	22.38856	.4528171	628.1161
SDev	.0327883	18.841	1.416563	.045436	.08091	.0244311	6.2107
%RSD	24.53807	.4186658	535.0720	.5786699	.3613831	5.395351	.9887762
#1	.1568071	4486.978	-1.26640	7.883926	22.33135	.4700925	623.7245
#2	.1104374	4513.623	.7369187	7.819670	22.44577	.4355418	632.5077

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.46688	2.708207	198.3141	21.98204	7741.043	164.2568	575.3098
SDev	.64458	.063130	.7328	.17804	71.038	1.6359	5.5954
%RSD	4.786431	2.331078	.3695241	.8099114	.9176798	.9959185	.9725810
#1	13.01109	2.752846	197.7959	21.85615	7690.811	163.1001	571.3533
#2	13.92267	2.663567	198.8322	22.10793	7791.274	165.4136	579.2663

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	345.2752	2.205915	11.56108	11.94075	25.43524	-2.54624	1.170696
SDev	1.9060	1.351842	.43600	.66805	2.78847	1.43857	.021548
%RSD	.5520181	61.28260	3.771252	5.594694	10.96303	56.49798	1.840579
#1	343.9275	3.161811	11.25278	11.46837	27.40699	-3.56346	1.155459
#2	346.6229	1.250018	11.86937	12.41313	23.46350	-1.52901	1.185932

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.300741	24.55403	25.87439	-4.39504	1.155819	10.87683	72.99757
SDev	.434308	1.97945	3.19238	3.18101	2.051401	.32996	.99082
%RSD	10.09844	8.061618	12.33799	72.37729	177.4846	3.033640	1.357332
#1	3.993640	25.95371	28.13174	-6.64435	2.606379	10.64351	72.29696
#2	4.607843	23.15435	23.61704	-2.14572	-.294740	11.11015	73.69819

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	440.4393	3.904519	5.070097	134.7148
SDev	1.3159	1.002310	.031486	.0618
%RSD	.2987647	25.67052	.6210215	.0459008
#1	439.5088	4.613259	5.047833	134.6710
#2	441.3698	3.195778	5.092361	134.7585

Method: STL3 Sample Name: 220-7946-A-14-A Operator: NP
Run Time: 02/10/09 14:00:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4356169	19344.55	8.159130	23.40312	79.17680	1.209132	3570.958
SDev	.4434814	31.05	.092804	.14961	.17530	.012483	.327
%RSD	101.8054	.1604917	1.137425	.6392557	.2214014	1.032370	.0091563
#1	.7492056	19366.50	8.093508	23.29734	79.05284	1.217959	3570.727
#2	.1220282	19322.60	8.224752	23.50891	79.30075	1.200306	3571.189

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.87241	8.014870	927.0410	128.0967	34030.11	889.5316	2707.131
SDev	.06767	.598140	.9392	.1335	41.41	6.5435	5.812
%RSD	.0968436	7.462878	.1013129	.1042263	.1216862	.7356119	.2147069
#1	69.92025	8.437819	927.7051	128.0023	34000.83	894.1585	2703.021
#2	69.82455	7.591921	926.3769	128.1911	34059.39	884.9046	2711.242

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	263.2553	4.367712	81.68283	55.61116	166.6488	4.162234	1.689382
SDev	.5096	.831903	1.24259	.25335	1.8968	5.844848	3.305592
%RSD	.1935653	19.04665	1.521236	.4555700	1.138228	140.4257	195.6687
#1	263.6157	4.955955	82.56147	55.79030	165.3075	.0293023	-.648024
#2	262.8950	3.779468	80.80418	55.43201	167.9900	8.295166	4.026788

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.243747	169.8681	165.0407	6.325759	-.172414	47.64020	342.7932
SDev	.948380	9.4236	1.8609	8.356687	.813769	.45930	.2311
%RSD	42.26768	5.547578	1.127535	132.1057	471.9857	.9640951	.0674205
#1	2.914352	163.2046	166.3565	.4166887	-.747835	47.31543	342.9567
#2	1.573141	176.5316	163.7249	12.23483	.4030075	47.96497	342.6298

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2348.613	16.61557	27.21380	624.5607
SDev	8.983	.29488	.12647	1.0028
%RSD	.3824951	1.774726	.4647432	.1605653
#1	2354.965	16.40706	27.30323	625.2698
#2	2342.260	16.82409	27.12437	623.8516

Method: STL3 Sample Name: 220-7946-A-15-A Operator: NP
Run Time: 02/10/09 14:06:35
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4480397	22400.08	10.75969	8.684710	83.73460	1.281732	2330.212
SDev	.1429004	280.06	.19844	.421129	.36409	.083727	48.705
%RSD	31.89458	1.250282	1.844261	4.849081	.4348136	6.532361	2.090142
#1	.3469938	22202.04	10.90001	8.386928	83.47715	1.340936	2295.773
#2	.5490855	22598.11	10.61937	8.982493	83.99205	1.222527	2364.652

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.41291	9.017307	650.4435	131.8237	31914.66	831.6947	3245.500
SDev	.28345	.064096	13.2318	.9873	535.05	16.3587	35.624
%RSD	1.264676	.7108062	2.034280	.7489889	1.676500	1.966918	1.097652
#1	22.21248	8.971985	641.0872	131.1255	31536.32	820.1273	3220.310
#2	22.61334	9.062630	659.7998	132.5219	32293.00	843.2621	3270.690

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	336.7819	3.750055	69.87512	32.24666	136.3577	3.609771	-.052343
SDev	4.9534	.166381	1.59138	1.08743	2.4019	1.581439	.500943
%RSD	1.470815	4.436750	2.277469	3.372239	1.761473	43.80996	957.0355
#1	333.2793	3.632407	68.74984	31.47773	134.6593	2.491525	.3018773
#2	340.2845	3.867704	71.00040	33.01559	138.0561	4.728017	-.406564

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.052950	137.0222	136.0251	3.711991	3.403824	52.44725	203.3301
SDev	2.211388	1.2892	2.9574	3.212037	1.684652	.03157	3.6471
%RSD	54.56243	.9408894	2.174170	86.53138	49.49293	.0601945	1.793688
#1	2.489263	136.1105	133.9339	1.440738	4.595053	52.46957	200.7512
#2	5.616637	137.9338	138.1163	5.983244	2.212595	52.42493	205.9090

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2814.356	7.397585	20.74532	792.1941
SDev	48.245	.226151	.14125	7.4450
%RSD	1.714235	3.057095	.6808925	.9397939
#1	2780.242	7.237672	20.64543	786.9297
#2	2848.470	7.557498	20.84520	797.4585

Method: STL3 Sample Name: 220-7946-A-16-A Operator: NP
Run Time: 02/10/09 14:12:18
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.783900	25350.62	14.09168	26.92775	90.79380	1.137604	4093.445
SDev	.115310	108.14	1.13358	.47545	.28767	.001029	26.967
%RSD	6.463936	.4265952	8.044294	1.765666	.3168412	.0904657	.6587869
#1	1.702363	25274.15	13.29012	27.26395	90.59038	1.136876	4074.376
#2	1.865437	25427.09	14.89324	26.59155	90.99721	1.138331	4112.513

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.51820	8.475861	1064.667	139.4571	35903.69	1212.262	3566.487
SDev	.26485	.376769	6.817	.1549	149.11	4.908	2.778
%RSD	.4042339	4.445203	.6402492	.1111012	.4153011	.4048322	.0778874
#1	65.33092	8.209445	1059.847	139.3475	35798.25	1208.791	3568.452
#2	65.70548	8.742277	1069.487	139.5666	36009.12	1215.732	3564.523

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	345.7912	4.691246	128.9599	61.19382	149.0835	2.921047	2.461746
SDev	2.1607	.790307	.7412	1.41296	1.0792	.169773	.856007
%RSD	.6248638	16.84643	.5747371	2.308999	.7238947	5.812050	34.77233
#1	344.2633	4.132414	128.4358	60.19471	149.8466	3.041095	1.856458
#2	347.3190	5.250077	129.4840	62.19294	148.3204	2.801000	3.067034

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.059018	148.8932	149.1777	2.853872	3.054600	58.01321	488.6505
SDev	1.205913	1.0625	1.0875	.054341	.400982	.51223	2.5950
%RSD	19.90278	.7135804	.7289924	1.904131	13.12715	.8829504	.5310599
#1	5.206308	149.6445	149.9466	2.892297	3.338137	58.37541	486.8155
#2	6.911727	148.1419	148.4087	2.815446	2.771063	57.65101	490.4854

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2546.364	14.42451	34.70619	805.9169
SDev	14.314	1.97008	.18518	4.2517
%RSD	.5621176	13.65789	.5335776	.5275665
#1	2536.243	15.81757	34.57525	802.9104
#2	2556.485	13.03145	34.83714	808.9233

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 02/10/09 14:18:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.76816	4790.213	494.5414	480.8117	489.4557	488.2852	18612.11
SDev	.43887	36.115	4.0775	4.7088	.5978	1.4528	191.39
%RSD	.8477698	.7539388	.8245046	.9793472	.1221418	.2975216	1.028293
#1	51.45782	4764.675	491.6582	477.4821	489.0330	487.2580	18476.78
#2	52.07849	4815.750	497.4247	484.1413	489.8784	489.3125	18747.44

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	486.9665	489.7965	497.1830	480.6570	4960.169	18837.48	18779.14
SDev	2.3010	4.9568	4.4342	.9070	.915	81.79	69.11
%RSD	.4725236	1.012013	.8918645	.1886990	.0184461	.4342075	.3680001
#1	485.3395	486.2915	494.0476	480.0157	4960.816	18779.64	18730.28
#2	488.5936	493.3015	500.3185	481.2984	4959.523	18895.31	18828.01

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.1696	489.8308	21125.05	492.3762	480.8485	481.5202	481.4094
SDev	2.5279	7.7575	117.74	.7026	5.3535	1.8411	4.8648
%RSD	.5044075	1.583706	.5573486	.1426951	1.113348	.3823546	1.010526
#1	499.3821	484.3454	21041.80	491.8794	477.0630	480.2183	477.9695
#2	502.9572	495.3161	21208.31	492.8730	484.6340	482.8220	484.8494

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	464.7378	483.3939	479.5770	481.3733	481.8134	488.7802	495.2340
SDev	6.6434	5.2381	5.4115	1.1420	3.2416	2.8180	2.5997
%RSD	1.429501	1.083616	1.128390	.2372318	.6727878	.5765381	.5249369
#1	469.4354	479.6900	475.7505	480.5658	479.5213	486.7876	493.3958
#2	460.0402	487.0978	483.4035	482.1808	484.1056	490.7728	497.0722

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	506.3679	473.3326	494.9404	484.3759
SDev	3.2259	4.8149	1.6163	2.1513
%RSD	.6370696	1.017229	.3265738	.4441417
#1	504.0868	469.9279	493.7975	482.8547
#2	508.6489	476.7372	496.0834	485.8971

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 02/10/09 14:23:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1279976	-13.7618	-1.98568	.5116824	.0476758	.0777515	3.467063
SDev	.0276664	2.3170	.10888	.2282875	.0404543	.0243380	.490316
%RSD	21.61480	16.83620	5.483242	44.61508	84.85281	31.30228	14.14211
#1	.1475607	-12.1234	-2.06266	.6731060	.0762813	.0605419	3.120358
#2	.1084345	-15.4001	-1.90869	.3502587	.0190703	.0949610	3.813769

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.140234	-.186764	.0971867	-.291117	8.668616	23.13481	.8236274
SDev	.134874	.184788	.0457950	.054521	6.247349	1.63586	1.163284
%RSD	96.17760	98.94235	47.12065	18.72809	72.06859	7.070974	141.2391
#1	-.044864	-.056099	.1295687	-.252565	13.08616	24.29153	1.646194
#2	-.235605	-.317429	.0648048	-.329669	4.251073	21.97808	.0010612

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1801963	2.397094	-.200385	1.062644	.5965897	.8656466	4.582022
SDev	.0203686	2.454113	.283397	.021671	.1916792	.2646174	1.602544
%RSD	11.30355	102.3787	141.4259	2.039362	32.12916	30.56876	34.97461
#1	.1945991	4.132414	-.400777	1.047320	.4610520	.6785338	5.715191
#2	.1657936	.6617742	.0000064	1.077967	.7321274	1.052759	3.448852

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.337600	.8153820	.4867578	1.727348	-.861345	.2516604	.3237780
SDev	.276260	.6330860	.0286932	2.016273	3.243953	.1469106	.3069676
%RSD	81.83061	77.64287	5.894767	116.7265	376.6148	58.37651	94.80804
#1	-.142254	.3677226	.5070470	.3016282	1.432476	.1477790	.1067191
#2	-.532945	1.263041	.4664686	3.153068	-3.15517	.3555419	.5408368

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-7.99671	7.787557	.0362563	.4230562
SDev	1.53189	2.273750	.0079145	.2589154
%RSD	19.15650	29.19723	21.82922	61.20117
#1	-6.91350	9.395341	.0418527	.6061370
#2	-9.07991	6.179772	.0306599	.2399754

Method: STL3 Sample Name: 220-7946-A-17-A Operator: NP
Run Time: 02/10/09 14:29:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2938499	21148.58	12.45443	6.797655	84.92333	.9460278	2643.635
SDev	.0994513	241.43	2.79851	.781030	.61581	.0636173	67.010
%RSD	33.84426	1.141603	22.47000	11.48970	.7251309	6.724676	2.534765
#1	.2235272	20977.86	10.47559	6.245383	84.48789	.9010435	2596.252
#2	.3641725	21319.30	14.43328	7.349927	85.35877	.9910120	2691.018

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.87872	9.019649	587.4605	136.3275	34094.77	847.8890	3007.697
SDev	.27757	.142390	12.4290	.6988	771.82	22.9022	35.644
%RSD	1.162429	1.578660	2.115711	.5126042	2.263752	2.701091	1.185098
#1	23.68244	8.918964	578.6719	135.8333	33549.00	831.6946	2982.493
#2	24.07499	9.120334	596.2491	136.8216	34640.52	864.0833	3032.901

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	345.5755	4.720658	91.30164	29.70701	125.3768	4.683051	.4559263
SDev	8.0317	.665522	.85018	.36197	3.4893	3.421634	.3610685
%RSD	2.324148	14.09808	.9311796	1.218450	2.783052	73.06421	79.19449
#1	339.8962	4.250063	90.70046	29.96296	122.9094	2.263590	.7112403
#2	351.2547	5.191253	91.90280	29.45106	127.8441	7.102511	.2006123

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.134913	129.8389	123.1482	4.335675	5.377645	63.92092	178.8156
SDev	4.097327	6.9181	1.7775	4.147437	1.967850	1.76949	4.9344
%RSD	3037.021	5.328212	1.443360	95.65839	36.59315	2.768250	2.759493
#1	2.762335	124.9471	121.8913	1.402994	3.986165	62.66970	175.3265
#2	-3.03216	134.7308	124.4051	7.268355	6.769125	65.17214	182.3048

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2528.487	7.991984	20.40898	763.5970
SDev	44.093	1.298949	.23572	12.0154
%RSD	1.743856	16.25315	1.154970	1.573523
#1	2497.309	8.910479	20.24230	755.1008
#2	2559.666	7.073488	20.57566	772.0931

Method: STL3 Sample Name: 220-7946-A-18-A Operator: NP
Run Time: 02/10/09 14:35:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4252963	21443.79	14.13268	22.64670	86.55066	.8859857	3181.376
SDev	.0709930	119.10	1.62951	.78471	.19328	.0484241	24.026
%RSD	16.69259	.5554144	11.53009	3.465024	.2233136	5.465564	.7551944
#1	.4754959	21359.58	12.98044	22.09182	86.41399	.9202267	3164.387
#2	.3750967	21528.01	15.28491	23.20158	86.68733	.8517447	3198.365

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39.64375	8.620218	806.6241	146.0464	56100.27	1060.729	3099.172
SDev	.35498	.546156	4.5943	1.1981	361.19	3.272	15.827
%RSD	.8954188	6.335753	.5695761	.8203541	.6438307	.3084354	.5106861
#1	39.39275	9.006409	803.3755	145.1993	55844.86	1058.415	3087.980
#2	39.89476	8.234028	809.8729	146.8936	56355.66	1063.042	3110.363

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	373.7108	4.691246	89.46728	43.43265	145.6380	4.603466	1.147521
SDev	1.2843	.457547	.04359	.86019	3.0421	.683382	.600498
%RSD	.3436633	9.753199	.0487217	1.980513	2.088783	14.84495	52.33005
#1	372.8026	4.367712	89.43645	42.82441	143.4869	5.086690	1.572137
#2	374.6189	5.014780	89.49810	44.04090	147.7890	4.120242	.7229044

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.533839	147.6771	144.6193	6.061020	1.682979	53.45116	267.8179
SDev	3.056776	.7583	4.1823	.029641	1.992828	.96100	1.3589
%RSD	67.42136	.5134946	2.891933	.4890381	118.4108	1.797897	.5073832
#1	2.372372	147.1409	141.6620	6.081979	3.092121	52.77163	266.8570
#2	6.695306	148.2133	147.5767	6.040061	.2738361	54.13068	268.7787

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2764.359	10.70417	30.06683	760.6760
SDev	14.131	.00977	.04692	2.1583
%RSD	.5111948	.0912726	.1560520	.2837297
#1	2754.367	10.69726	30.03365	759.1499
#2	2774.351	10.71108	30.10001	762.2021

Method: STL3 Sample Name: 220-7946-A-19-A Operator: NP
Run Time: 02/10/09 14:45:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8071581	25331.30	18.12223	8.742514	93.73699	1.256841	3365.477
SDev	.0331964	133.61	1.62110	.203281	.31465	.025239	33.015
%RSD	4.112753	.5274503	8.945379	2.325205	.3356691	2.008160	.9809783
#1	.7836847	25236.83	19.26853	8.598772	93.51450	1.238995	3342.132
#2	.8306315	25425.78	16.97594	8.886255	93.95948	1.274688	3388.822

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.64111	11.65954	923.2493	169.5771	48661.66	968.1898	3730.739
SDev	.15577	.19341	8.7300	.7432	244.39	9.8153	17.698
%RSD	.6075089	1.658780	.9455723	.4382908	.5022193	1.013782	.4743890
#1	25.75126	11.79630	917.0762	169.0516	48488.86	961.2493	3718.224
#2	25.53097	11.52278	929.4223	170.1027	48834.47	975.1303	3743.253

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	461.9761	38.80940	86.95467	72.93138	155.9962	1.364365	-.024595
SDev	2.8845	.62393	1.24258	.81630	.7705	.794936	1.054725
%RSD	.6243808	1.607670	1.428995	1.119275	.4939541	58.26420	4288.304
#1	459.9364	38.36821	86.07604	73.50860	155.4513	1.926470	.7212076
#2	464.0157	39.25058	87.83330	72.35417	156.5411	.8022600	-.770398

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.223396	158.0931	154.9485	1.463292	1.165212	63.11689	291.6896
SDev	3.498635	1.0141	.6490	1.847527	6.087797	1.13664	2.8202
%RSD	1566.115	.6414662	.4188241	126.2582	522.4628	1.800854	.9668665
#1	2.250513	157.3760	154.4896	.1568936	5.469934	62.31316	289.6953
#2	-2.69730	158.8102	155.4074	2.769691	-3.13951	63.92062	293.6838

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2776.131	10.56651	27.45285	876.2468
SDev	22.462	.42305	.13368	4.0907
%RSD	.8090941	4.003652	.4869305	.4668460
#1	2760.249	10.26737	27.35833	873.3542
#2	2792.014	10.86565	27.54738	879.1393

Method: STL3 Sample Name: 220-7946-A-20-A Operator: NP
Run Time: 02/10/09 14:51:35
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6760799	30262.59	11.85361	11.59112	332.8566	1.242200	3992.091
SDev	.1804956	151.66	.51042	.05264	.6428	.036091	15.690
%RSD	26.69737	.5011579	4.306041	.4541559	.1931100	2.905371	.3930306
#1	.8037095	30155.34	12.21453	11.55390	332.4021	1.267720	3980.996
#2	.5484502	30369.83	11.49269	11.62834	333.3111	1.216680	4003.185

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.81701	16.79383	650.1401	132.7380	47241.59	6598.034	8507.805
SDev	.15017	.08308	3.1852	.6100	233.23	1.636	39.550
%RSD	.6051291	.4946966	.4899212	.4595524	.4937064	.0247934	.4648712
#1	24.71082	16.73509	647.8878	132.3066	47076.67	6596.877	8479.839
#2	24.92320	16.85258	652.3923	133.1693	47406.52	6599.190	8535.772

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483.1897	5.132429	393.9551	52.78135	127.0613	1.306946	1.382329
SDev	.4281	.623927	1.5478	.68754	.2866	.221642	.215332
%RSD	.0886007	12.15657	.3928901	1.302624	.2255678	16.95876	15.57750
#1	482.8870	4.691246	392.8606	52.29518	126.8586	1.150222	1.534592
#2	483.4924	5.573612	395.0495	53.26752	127.2639	1.463671	1.230066

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.973153	127.0944	127.0440	.7372006	2.447047	99.78528	252.3180
SDev	2.608878	1.8747	.5063	.2579952	.148685	.37275	.9806
%RSD	43.67673	1.475056	.3984865	34.99661	6.076084	.3735502	.3886543
#1	4.128398	125.7687	127.4019	.5547705	2.341911	99.52171	251.6245
#2	7.817908	128.4200	126.6860	.9196308	2.552183	100.0489	253.0114

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2331.991	8.576928	35.22531	1991.844
SDev	14.415	.922797	.06290	2.457
%RSD	.6181296	10.75906	.1785666	.1233577
#1	2321.798	7.924412	35.18084	1990.106
#2	2342.183	9.229444	35.26979	1993.581

Method: STL3 Sample Name: 220-7975-A-1-A Operator: NP
Run Time: 02/10/09 14:57:19
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4213576	27612.72	30.87457	12.77197	247.4342	1.913907	6638.268
SDev	.1147224	38.02	.07021	.39208	.5709	.036562	13.566
%RSD	27.22685	.1376981	.2274102	3.069818	.2307101	1.910328	.2043536
#1	.5024785	27585.83	30.82492	12.49473	247.8379	1.939760	6647.860
#2	.3402366	27639.60	30.92422	13.04921	247.0306	1.888053	6628.676

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.784570	14.24865	250.2135	161.2912	49199.55	1067.669	3043.399
SDev	.205049	.21306	.4817	.0107	90.90	.000	6.046
%RSD	4.285626	1.495281	.1925248	.0066092	.1847673	.0000000	.1986641
#1	4.639579	14.09800	250.5541	161.2837	49135.27	1067.669	3047.675
#2	4.929562	14.39931	249.8729	161.2988	49263.82	1067.669	3039.124

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	295.2407	20.51501	287.1770	102.8284	195.7146	8.884200	.0488923
SDev	.3770	.70712	.6104	.0877	.8283	1.530210	1.211313
%RSD	.1276812	3.446830	.2125480	.0853065	.4232325	17.22395	2477.512
#1	294.9742	20.01500	286.7454	102.7664	195.1289	7.802178	-.807636
#2	295.5073	21.01502	287.6086	102.8905	196.3003	9.966222	.9054202

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4342070	195.0255	196.0579	8.969233	8.712878	294.6119	293.5978
SDev	6.560434	1.6771	.4046	1.359186	1.872770	1.5964	2.2997
%RSD	1510.900	.8599178	.2063726	15.15387	21.49427	.5418529	.7832951
#1	5.073134	193.8396	195.7717	8.008142	7.388630	295.7407	295.2239
#2	-4.20472	196.2114	196.3440	9.930322	10.03713	293.4831	291.9716

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2759.439	10.08366	265.7285	794.0787
SDev	3.953	.14633	.2091	.4486
%RSD	.1432649	1.451151	.0787064	.0564916
#1	2762.234	10.18713	265.8764	794.3959
#2	2756.643	9.980192	265.5807	793.7615

Method: STL3 Sample Name: 220-7975-A-2-A Operator: NP
Run Time: 02/10/09 15:03:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.062712	19195.76	16.22812	13.35466	63.22765	.8515950	1085.190
SDev	.345175	156.71	2.41879	.83131	.00449	.0141204	13.239
%RSD	550.4135	.8163770	14.90494	6.224833	.0071074	1.658109	1.219931
#1	.1813635	19306.57	17.93847	13.94248	63.22448	.8615796	1094.552
#2	-.306787	19084.95	14.51778	12.76684	63.23083	.8416104	1075.829

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2346313	7.190704	88.18758	32.66891	28063.92	794.6791	2298.761
SDev	.3223003	.455530	.82353	.08886	476.27	13.0870	8.860
%RSD	137.3646	6.334983	.9338411	.2720029	1.697094	1.646834	.3854430
#1	.4625320	7.512813	88.76990	32.60608	28400.69	803.9330	2305.026
#2	.0067306	6.868596	87.60525	32.73175	27727.14	785.4251	2292.496

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	171.4309	6.808924	53.87460	35.56180	48.74475	-.275948	-1.21330
SDev	3.1902	.166381	1.59138	1.20144	1.55362	2.124178	1.61413
%RSD	1.860913	2.443567	2.953867	3.378465	3.187246	769.7748	133.0371
#1	173.6867	6.926573	54.99987	36.41135	47.64618	1.226073	-.071931
#2	169.1752	6.691275	52.74932	34.71225	49.84333	-1.77797	-2.35466

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.755097	46.37925	49.92489	.1634097	-1.15698	51.10976	135.5038
SDev	4.053643	2.11517	3.38519	3.597905	.82770	.09237	1.9597
%RSD	107.9504	4.560596	6.780564	2201.769	71.53958	.1807334	1.446266
#1	6.621456	47.87490	47.53120	2.707513	-1.74226	51.17508	136.8896
#2	.8887386	44.88360	52.31858	-2.38069	-.571711	51.04445	134.1181

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2634.816	2.118819	24.54131	647.6594
SDev	15.236	1.279646	.25661	8.3628
%RSD	.5782415	60.39434	1.045620	1.291241
#1	2645.589	1.213972	24.72276	653.5729
#2	2624.043	3.023665	24.35986	641.7460

Method: STL3 Sample Name: 220-7975-A-3-A Operator: NP
Run Time: 02/10/09 15:08:47
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0939307	18427.50	15.77803	11.38489	58.44736	.8623518	1939.706
SDev	.0601383	46.77	.18593	.42237	.08541	.0361919	11.277
%RSD	64.02411	.2537823	1.178413	3.709902	.1461230	4.196881	.5813915
#1	.1364549	18394.43	15.64656	11.08623	58.50775	.8879433	1931.731
#2	.0514065	18460.56	15.90950	11.68354	58.38697	.8367602	1947.680

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.199666	8.000591	89.65331	29.93869	48254.60	777.3280	2366.137
SDev	.016532	.233498	.35477	.06643	167.10	4.9076	9.776
%RSD	1.378080	2.918504	.3957162	.2218964	.3462844	.6313454	.4131655
#1	1.187976	7.835484	89.40244	29.98567	48136.44	773.8578	2359.224
#2	1.211356	8.165699	89.90417	29.89172	48372.76	780.7982	2373.050

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	315.1672	5.205959	79.52476	30.67364	48.38221	1.510763	-.689260
SDev	.8867	.395154	.41419	.81097	1.27293	3.139187	.611245
%RSD	.2813460	7.590411	.5208327	2.643858	2.630981	207.7882	88.68143
#1	314.5402	5.485375	79.23188	30.10020	47.48212	3.730503	-1.12148
#2	315.7942	4.926543	79.81763	31.24708	49.28231	-.708977	-.257044

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.094768	50.17661	47.48556	1.608503	1.313888	43.11164	115.2078
SDev	.050130	3.09468	.36342	3.911887	1.591607	.15471	.5443
%RSD	2.393128	6.167578	.7653171	243.2005	121.1372	.3588511	.4724341
#1	2.059320	47.98834	47.22858	4.374625	2.439323	43.22103	115.5927
#2	2.130216	52.36488	47.74253	-1.15762	.1884518	43.00224	114.8230

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2579.694	2.464277	19.58819	615.8981
SDev	5.306	.625447	.02743	1.7871
%RSD	.2056991	25.38054	.1400188	.2901619
#1	2583.447	2.022020	19.56880	614.6345
#2	2575.942	2.906535	19.60758	617.1618

Method: STL3 Sample Name: 220-7975-A-4-A Operator: NP
Run Time: 02/10/09 15:14:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1354031	43697.06	12.73153	6.872530	93.83234	1.431050	1276.803
SDev	.0271028	200.82	.73683	.131240	.40455	.023091	14.873
%RSD	20.01639	.4595694	5.787471	1.909630	.4311360	1.613553	1.164861
#1	.1545677	43555.06	13.25255	6.779730	93.54628	1.447377	1266.287
#2	.1162385	43839.06	12.21051	6.965331	94.11839	1.414722	1287.320

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.38625	15.35733	91.48091	25.15776	50901.89	1477.155	6645.893
SDev	.04756	.13269	.66399	.15516	215.53	3.272	44.678
%RSD	3.430788	.8639848	.7258193	.6167577	.4234322	.2214959	.6722633
#1	-1.35262	15.26351	91.01141	25.04805	50749.48	1474.841	6614.300
#2	-1.41988	15.45115	91.95042	25.26748	51054.29	1479.468	6677.484

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	355.4431	2.132384	130.1931	34.93258	34.11066	3.758562	-1.16162
SDev	2.0080	.915093	.2616	1.24598	.16806	1.009657	.85354
%RSD	.5649371	42.91407	.2009275	3.566805	.4926868	26.86284	73.47830
#1	354.0232	1.485316	130.0081	34.05154	34.22949	3.044627	-1.76516
#2	356.8630	2.779453	130.3781	35.81362	33.99182	4.472498	-.558076

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.639442	34.08838	34.12083	2.227073	6.825138	76.83745	122.3175
SDev	1.371007	3.40074	1.44578	2.738568	2.453356	1.73144	1.1303
%RSD	17.94643	9.976252	4.237247	122.9671	35.94589	2.253385	.9240545
#1	8.608890	36.49307	33.09851	.2906137	8.559923	75.61314	121.5182
#2	6.669993	31.68369	35.14315	4.163533	5.090353	78.06177	123.1167

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3446.614	1.705938	27.22285	1414.483
SDev	28.563	2.875771	.10244	6.498
%RSD	.8287385	168.5742	.3763131	.4594157
#1	3426.417	-.327539	27.15041	1409.888
#2	3466.812	3.739416	27.29529	1419.078

Method: STL3 Sample Name: 220-7975-A-5-A Operator: NP
Run Time: 02/10/09 15:20:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0119338	15242.72	6.925876	6.014796	36.72308	.8492529	518.9036
SDev	.0382146	22.58	.083147	.124338	.04495	.0735788	.4903
%RSD	320.2228	.1481393	1.200526	2.067207	.1224011	8.663948	.0944920
#1	.0389556	15226.75	6.867082	5.926876	36.75487	.9012810	519.2503
#2	-.015088	15258.68	6.984670	6.102716	36.69130	.7972248	518.5569

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.795004	4.633519	43.13708	20.28909	27294.19	540.1968	1724.420
SDev	.003143	.156466	.01142	.00031	95.25	.0000	1.162
%RSD	.3953620	3.376835	.0264818	.0015090	.3489887	.0000000	.0673998
#1	-.797226	4.522881	43.14516	20.28930	27226.84	540.1968	1723.598
#2	-.792781	4.744158	43.12900	20.28887	27361.54	540.1968	1725.242

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	208.7834	3.794174	49.68178	21.34333	17.07643	2.696482	-1.10354
SDev	.1427	.769510	.15259	.09836	.50811	2.571857	.01266
%RSD	.0683654	20.28136	.3071438	.4608368	2.975530	95.37824	1.147415
#1	208.8844	3.250048	49.78968	21.27379	17.43572	4.515059	-1.11249
#2	208.6825	4.338299	49.57388	21.41288	16.71714	.8779045	-1.09459

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.142097	19.32285	15.95435	3.709753	.6658955	34.18175	66.85375
SDev	3.881562	.21237	.86789	2.479094	2.757661	.41210	.00569
%RSD	63.19604	1.099062	5.439815	66.82639	414.1282	1.205615	.0085053
#1	8.886775	19.17268	16.56804	5.462738	2.615856	34.47315	66.85777
#2	3.397418	19.47302	15.34066	1.956769	-1.28407	33.89035	66.84972

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2018.158	3.285968	7.268908	517.5377
SDev	2.594	1.594338	.000010	1.6668
%RSD	.1285283	48.51960	.0001438	.3220672
#1	2019.992	4.413335	7.268900	518.7164
#2	2016.324	2.158600	7.268915	516.3591

Method: STL3 Sample Name: 220-7975-A-6-A Operator: NP
Run Time: 02/10/09 15:25:59
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1824603	16630.52	12.39902	7.913333	43.32142	1.083974	364.3882
SDev	.1204025	79.51	.77684	.317371	.22475	.072814	2.2881
%RSD	65.98834	.4781101	6.265355	4.010588	.5187901	6.717325	.6279367
#1	.0973229	16574.30	11.84971	7.688917	43.16249	1.135462	362.7703
#2	.2675978	16686.75	12.94833	8.137748	43.48033	1.032487	366.0062

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.865458	7.677671	46.27796	20.32163	35212.33	697.5131	2618.789
SDev	.106785	.170977	.27447	.08928	266.17	3.2718	7.919
%RSD	12.33859	2.226942	.5930982	.4393208	.7559091	.4690655	.3023868
#1	-.940967	7.556772	46.08388	20.25850	35024.12	695.1996	2613.189
#2	-.789949	7.798571	46.47204	20.38476	35400.54	699.8266	2624.388

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.2644	2.485331	47.50830	20.87880	17.26554	2.231730	-1.41579
SDev	1.4779	1.331044	.17440	1.21427	.97398	2.279127	.04397
%RSD	.4717858	53.55602	.3670944	5.815793	5.641173	102.1238	3.105592
#1	312.2194	3.426521	47.38498	20.02018	16.57684	3.843317	-1.44688
#2	314.3095	1.544140	47.63162	21.73741	17.95425	.6201443	-1.38470

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5783303	18.95626	16.42080	3.458962	-.227418	42.14946	63.92361
SDev	3.898116	1.22850	2.07364	2.804373	1.227059	.25319	.13804
%RSD	674.0294	6.480688	12.62810	81.07556	539.5610	.6006988	.2159527
#1	3.334714	19.82494	14.95452	5.441953	.6402435	41.97042	63.82599
#2	-2.17805	18.08759	17.88708	1.475971	-1.09508	42.32849	64.02122

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2299.705	3.427945	7.274947	715.9534
SDev	9.810	1.055230	.027617	1.9473
%RSD	.4265796	30.78316	.3796129	.2719878
#1	2292.768	4.174105	7.255419	714.5765
#2	2306.641	2.681785	7.294475	717.3304

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 02/10/09 15:31:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.36295	4799.074	499.9461	483.8264	492.8152	489.0364	18705.15
SDev	1.13483	37.364	2.4327	6.8307	2.2295	6.1525	366.10
%RSD	2.209439	.7785690	.4865941	1.411803	.4523957	1.258096	1.957240
#1	50.56050	4772.654	498.2259	478.9964	491.2388	484.6859	18446.27
#2	52.16539	4825.495	501.6663	488.6564	494.3917	493.3869	18964.02

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.4688	495.0423	500.1159	482.0352	4975.767	18920.76	18772.42
SDev	6.6436	10.0819	8.8334	3.2135	80.630	62.16	157.31
%RSD	1.349050	2.036583	1.766270	.6666541	1.620458	.3285524	.8379655
#1	487.7710	487.9133	493.8698	479.7629	4918.753	18876.81	18661.19
#2	497.1666	502.1713	506.3621	484.3075	5032.781	18964.72	18883.65

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.6580	496.7279	21291.27	496.8077	484.7327	486.4038	484.4756
SDev	7.6651	11.6466	37.28	6.7679	7.5236	4.2229	8.6694
%RSD	1.518879	2.344670	.1750848	1.362287	1.552123	.8681961	1.789443
#1	499.2380	488.4925	21264.91	492.0221	479.4127	483.4178	478.3455
#2	510.0781	504.9633	21317.63	501.5934	490.0527	489.3899	490.6059

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	472.0807	485.9561	484.1212	487.3774	484.4527	490.7002	495.2881
SDev	4.8519	7.7576	7.4067	3.6247	5.4212	5.7666	9.8616
%RSD	1.027775	1.596360	1.529929	.7437150	1.119029	1.175170	1.991084
#1	468.6499	480.4707	478.8838	484.8144	480.6193	486.6226	488.3149
#2	475.5115	491.4416	489.3585	489.9405	488.2860	494.7777	502.2613

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	519.3634	469.3899	499.1611	486.6635
SDev	10.2394	6.7984	3.8219	5.4001
%RSD	1.971531	1.448347	.7656583	1.109627
#1	512.1231	464.5827	496.4586	482.8450
#2	526.6038	474.1971	501.8635	490.4820

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 02/10/09 15:37:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1666684	-11.4023	-.756445	1.254715	.0476758	.0001363	5.200596
SDev	.1696044	2.6382	1.101566	.629378	.0314644	.0854494	.980634
%RSD	101.7616	23.13774	145.6241	50.16103	65.99663	62715.69	18.85618
#1	.0467400	-13.2678	.0224799	1.699752	.0699245	-.060286	5.894009
#2	.2865968	-9.53676	-1.53537	.8096774	.0254271	.0605581	4.507184

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.142496	.0668231	.2591675	-.149889	2.111062	19.66457	2.303251
SDev	.032196	.3605886	.0685585	.055229	3.506594	.00000	.465000
%RSD	22.59408	539.6166	26.45337	36.84656	166.1057	.0000000	20.18887
#1	-.119730	.3217977	.2106893	-.110836	4.590598	19.66457	1.974446
#2	-.165262	-.188152	.3076457	-.188942	-.368474	19.66457	2.632055

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0504355	2.176503	2.096412	.1630012	.1147409	.3904177	3.626882
SDev	.0408497	.811105	.217996	.3065393	.8355720	.3041798	2.593491
%RSD	80.99396	37.26644	10.39855	188.0595	728.2247	77.91136	71.50745
#1	.0793207	2.750040	1.942265	-.053755	-.476098	.6055053	5.460757
#2	.0215504	1.602965	2.250558	.3797573	.7055796	.1753301	1.793007

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.35889	.6624818	-.159319	-.178335	1.528631	-.151569	.4322045
SDev	1.58132	.2869377	1.395985	.407080	.098071	.896019	.1523744
%RSD	116.3684	43.31255	876.2227	228.2663	6.415621	591.1635	35.25516
#1	-.240730	.8653774	-1.14643	.1095133	1.597978	.4820125	.5399494
#2	-2.47706	.4595861	.8277922	-.466184	1.459284	-.785150	.3244595

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.1549538	7.578784	.0334254	.5260933
SDev	3.206263	1.742392	.0118769	.3610695
%RSD	2069.173	22.99038	35.53246	68.63222
#1	2.422124	8.810841	.0250272	.7814080
#2	-2.11222	6.346727	.0418236	.2707786

Method: STL3 Sample Name: 220-7975-A-7-A Operator: NP
Run Time: 02/10/09 15:43:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3000739	11709.40	4.584558	2.785512	20.79937	.5965321	335.2649
SDev	.0601397	43.95	.756695	.633989	.08990	.0612052	2.6150
%RSD	20.04163	.3753134	16.50529	22.76023	.4322129	10.26017	.7799829
#1	.3425991	11678.33	5.119622	3.233810	20.73580	.5532535	333.4158
#2	.2575487	11740.48	4.049494	2.337214	20.86293	.6398107	337.1140

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8113072	10.17725	38.17214	8.308956	22125.35	401.3881	1285.625
SDev	.2898574	.53732	.29763	.011088	34.26	6.5435	.467
%RSD	35.72720	5.279571	.7797143	.1334422	.1548457	1.630212	.0363630
#1	1.016267	9.797309	37.96168	8.301116	22101.12	406.0151	1285.294
#2	.6063471	10.55719	38.38260	8.316796	22149.57	396.7612	1285.955

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	349.3481	2.426506	26.11261	11.63063	8.704304	2.927699	-.827654
SDev	.3465	.041595	.82839	.85614	.040878	.175378	.157118
%RSD	.0991839	1.714195	3.172375	7.361053	.4696343	5.990300	18.98352
#1	349.1031	2.455919	26.69837	11.02525	8.675398	3.051710	-.938753
#2	349.5931	2.397094	25.52685	12.23601	8.733209	2.803688	-.716555

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.540442	9.477797	8.317286	3.890308	.9985890	20.95208	40.33386
SDev	4.402584	.644065	.382766	.212329	.1013649	.39550	.07387
%RSD	67.31325	6.795508	4.602056	5.457903	10.15081	1.887631	.1831487
#1	3.427345	9.933220	8.046630	4.040447	1.070265	21.23174	40.28163
#2	9.653539	9.022375	8.587943	3.740168	.9269133	20.67242	40.38610

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2079.649	2.448530	4.120511	426.2072
SDev	3.459	1.888135	.007959	.5871
%RSD	.1663122	77.11301	.1931641	.1377561
#1	2077.204	3.783643	4.126139	425.7920
#2	2082.095	1.113417	4.114883	426.6223

Method: STL3 Sample Name: 220-7975-A-8-A Operator: NP
Run Time: 02/10/09 15:49:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1611286	19185.12	7.680883	4.023181	41.23322	.8639195	646.1448
SDev	.1092622	11.09	.247846	.189214	.09439	.0365714	.6538
%RSD	67.81054	.0578123	3.226796	4.703105	.2289241	4.233192	.1011790
#1	.0838686	19192.96	7.505629	4.156976	41.29996	.8897794	645.6825
#2	.2383886	19177.28	7.856137	3.889386	41.16647	.8380597	646.6071

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.01494	13.48518	33.16037	15.28483	28754.52	606.1307	2555.393
SDev	.39904	.69268	.44712	.04405	17.65	1.6359	5.811
%RSD	39.31665	5.136630	1.348367	.2882243	.0613866	.2698953	.2274156
#1	-.732774	13.97498	32.84421	15.31598	28767.01	604.9740	2551.283
#2	-1.29710	12.99538	33.47654	15.25368	28742.04	607.2875	2559.502

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	457.1811	2.279445	51.39282	20.25270	12.50083	2.269755	-.611259
SDev	.7134	.748712	.08720	1.01841	1.18493	1.404618	1.529754
%RSD	.1560497	32.84625	.1696659	5.028518	9.478846	61.88411	250.2628
#1	457.6855	2.808865	51.45448	19.53258	13.33870	3.262970	.4704405
#2	456.6766	1.750026	51.33116	20.97283	11.66295	1.276540	-1.69296

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.677711	12.95821	12.27193	1.591636	3.627028	37.46352	52.57587
SDev	.624791	1.25019	2.40074	1.453989	1.305728	.41145	.61376
%RSD	9.356364	9.647856	19.56286	91.35183	35.99993	1.098276	1.167371
#1	7.119505	12.07419	13.96951	2.619761	4.550317	37.17258	52.14188
#2	6.235917	13.84223	10.57435	.5635108	2.703739	37.75447	53.00986

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2625.459	2.752521	7.668651	695.3113
SDev	.499	.619898	.007918	.3829
%RSD	.0190160	22.52108	.1032543	.0550628
#1	2625.812	3.190856	7.674250	695.0406
#2	2625.106	2.314188	7.663052	695.5820

Method: STL3 Sample Name: 220-7975-A-9-A Operator: NP
Run Time: 02/10/09 15:54:45
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0705587	5345.475	2.070461	2.272314	17.75129	.6084651	103.2029
SDev	.0491733	14.698	1.210544	.169660	.01348	.1711133	.9806
%RSD	69.69141	.2749618	58.46738	7.466390	.0759623	28.12212	.9501947
#1	.1053295	5335.082	2.926445	2.392281	17.76083	.4874698	102.5095
#2	.0357879	5355.868	1.214477	2.152346	17.74176	.7294605	103.8963

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.694454	4.652810	10.71265	9.108831	13246.69	463.8520	1344.644
SDev	.281870	.116997	.12598	.055513	22.33	3.2717	2.322
%RSD	40.58871	2.514551	1.175980	.6094430	.1686002	.7053342	.1727049
#1	-.893767	4.570081	10.62357	9.148085	13262.48	461.5385	1346.286
#2	-.495142	4.735540	10.80173	9.069577	13230.90	466.1654	1343.002

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	369.6568	1.602965	23.32254	8.604183	4.701946	-.762182	-1.46784
SDev	.6320	.374356	.02180	.263279	.974064	.340102	.18461
%RSD	.1709666	23.35399	.0934676	3.059894	20.71618	44.62219	12.57699
#1	369.2099	1.338255	23.30712	8.790349	4.013179	-.521693	-1.59837
#2	370.1037	1.867675	23.33795	8.418016	5.390714	-1.00267	-1.33730

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.99628	3.648325	5.227168	-.176657	-1.93619	13.87204	18.50661
SDev	1.50449	1.161510	.880481	1.067062	1.11628	.79300	.00056
%RSD	75.36455	31.83680	16.84433	604.0296	57.65364	5.716560	.0030171
#1	-3.06012	2.827013	4.604574	.5778695	-2.72552	13.31130	18.50621
#2	-.932447	4.469636	5.849762	-.931184	-1.14686	14.43278	18.50700

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1390.163	3.130083	1.920484	287.3808
SDev	7.232	.559821	.003932	1.3348
%RSD	.5202613	17.88517	.2047207	.4644791
#1	1385.049	3.525936	1.917704	286.4369
#2	1395.277	2.734230	1.923264	288.3247

Method: STL3 Sample Name: 220-7975-A-10-A Operator: NP
Run Time: 02/10/09 16:00:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0870646	3752.111	-.840934	1.862979	16.23202	.3732970	82.28494
SDev	.0439590	9.892	.176803	.013303	.12136	.0485420	.49032
%RSD	50.49013	.2636264	21.02455	.7140568	.7476745	13.00360	.5958767
#1	.0559808	3745.117	-.965952	1.853572	16.14621	.4076214	81.93824
#2	.1181483	3759.106	-.715916	1.872385	16.31784	.3389726	82.63165

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.606985	2.424436	6.841332	6.582676	10799.60	293.8115	694.2288
SDev	.306580	.482938	.550763	.188667	68.08	4.9076	3.7318
%RSD	50.50866	19.91961	8.050521	2.866117	.6304358	1.670331	.5375488
#1	-.390200	2.765924	7.230780	6.449268	10751.46	290.3413	691.5900
#2	-.823769	2.082947	6.451884	6.716083	10847.75	297.2817	696.8676

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	215.0803	1.308843	15.13730	4.951876	4.620675	2.020635	-1.72812
SDev	1.5288	.374356	.13080	.407860	1.321969	2.018898	.97053
%RSD	.7107837	28.60208	.8640654	8.236477	28.60986	99.91402	56.16134
#1	213.9993	1.573553	15.22979	5.240276	5.555448	3.448212	-1.04185
#2	216.1613	1.044133	15.04481	4.663475	3.685902	.5930588	-2.41439

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8428096	5.502184	4.179782	2.922052	.2139933	11.79626	12.36212
SDev	1.696375	.606491	1.679172	2.577105	.9009502	.79400	.07210
%RSD	201.2762	11.02273	40.17367	88.19502	421.0179	6.730989	.5831959
#1	2.042328	5.931038	5.367135	4.744340	.8510613	12.35770	12.31114
#2	-.356709	5.073330	2.992428	1.099764	-.423075	11.23481	12.41310

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1177.167	1.433206	1.730894	164.6370
SDev	3.078	1.444255	.011846	.8826
%RSD	.2615019	100.7710	.6843842	.5361078
#1	1174.991	2.454448	1.722517	164.0129
#2	1179.344	.4119631	1.739270	165.2611

Method: STL3 Sample Name: 220-7975-A-11-A Operator: NP
Run Time: 02/10/09 16:06:13
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0158350	4126.600	.2245416	1.656123	15.25944	.6684209	89.45020
SDev	.0605220	8.866	2.611439	.355083	.04045	.0490280	.81719
%RSD	382.2044	.2148611	1163.009	21.44062	.2651052	7.334905	.9135731
#1	-.026961	4120.330	-1.62202	1.405042	15.23083	.6337529	88.87236
#2	.0586305	4132.869	2.071108	1.907205	15.28804	.7030890	90.02805

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.11970	3.923243	11.08650	10.74088	22806.28	307.6924	897.4451
SDev	.13449	.058455	.12683	.07788	78.11	1.6359	2.5733
%RSD	12.01157	1.489961	1.144038	.7251053	.3424892	.5316663	.2867382
#1	-1.02460	3.881910	11.17618	10.79595	22751.05	306.5356	895.6254
#2	-1.21480	3.964577	10.99681	10.68580	22861.51	308.8491	899.2646

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	430.8734	1.235312	11.88479	7.752994	5.060655	.9659547	-1.94029
SDev	2.2423	.519939	.28340	.196757	1.294205	2.186417	.51932
%RSD	.5204015	42.08969	2.384534	2.537815	25.57386	226.3478	26.76510
#1	429.2879	.8676598	11.68439	7.613865	4.145514	2.511985	-2.30750
#2	432.4589	1.602965	12.08518	7.892121	5.975796	-.580075	-1.57307

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.415010	3.373201	5.902317	1.775698	-.657064	14.90478	22.54637
SDev	2.837836	2.187129	.848412	2.770859	1.015634	.10285	.07180
%RSD	117.5083	64.83839	14.37421	156.0434	154.5714	.6900548	.3184579
#1	.4083567	1.826667	5.302400	3.734991	.0610972	14.83205	22.49560
#2	4.421662	4.919735	6.502235	-.183596	-1.37523	14.97750	22.59714

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1177.622	.7231838	1.604988	173.2448
SDev	.393	.5045615	.000017	.9300
%RSD	.0333650	69.76949	.0010662	.5368364
#1	1177.345	.3664048	1.605000	172.5872
#2	1177.900	1.079963	1.604976	173.9025

Method: STL3 Sample Name: 220-7975-A-12-A Operator: NP
Run Time: 02/10/09 16:11:57
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1094824	5961.979	-.679490	1.063292	19.13707	.4265059	127.3568
SDev	.0052194	27.502	1.028950	.159179	.02247	.0000371	1.4709
%RSD	4.767316	.4612823	151.4297	14.97035	.1174408	.0086911	1.154980
#1	.1057917	5981.425	.0480873	.9507361	19.12118	.4265321	128.3969
#2	.1131730	5942.532	-1.40707	1.175849	19.15296	.4264797	126.3166

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.895803	6.036254	9.976296	9.642487	13595.72	344.7080	948.3514
SDev	.114122	1.079993	.354848	.033601	57.08	1.6359	3.2657
%RSD	12.73965	17.89177	3.556913	.3484663	.4198346	.4745621	.3443563
#1	-.815106	6.799924	10.22721	9.618727	13636.08	345.8647	950.6606
#2	-.976499	5.272584	9.725380	9.666246	13555.36	343.5513	946.0422

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	957.0294	.9264841	16.95624	10.23747	6.497056	2.354090	-1.70773
SDev	1.3862	.9566881	.30520	.19914	1.725181	1.021073	1.87152
%RSD	.1448399	103.2601	1.799910	1.945255	26.55327	43.37442	109.5909
#1	958.0095	1.602965	17.17205	10.37828	7.716943	3.076097	-.384368
#2	956.0492	.2500035	16.74044	10.09665	5.277169	1.632082	-3.03110

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.352280	7.271392	6.109670	5.017814	-2.98256	12.73869	15.01106
SDev	3.272229	1.560738	3.365678	.677450	4.42322	.55162	.53137
%RSD	51.51268	21.46409	55.08772	13.50090	148.3028	4.330288	3.539839
#1	4.038464	6.167783	8.489563	4.538785	.1451292	13.12875	15.38679
#2	8.666096	8.375000	3.729776	5.496843	-6.11025	12.34863	14.63532

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1278.514	.2126887	1.950716	321.3371
SDev	4.252	1.093989	.031586	.4010
%RSD	.3325370	514.3619	1.619193	.1248064
#1	1281.520	.9862560	1.973051	321.6207
#2	1275.508	-.560879	1.928382	321.0535

Method: STL3 Sample Name: 220-7988-A-5-A SD@5 Operator: NP
Run Time: 02/10/09 16:21:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.171597	-5.48375	-1.55521	8.970197	21.06635	-.086232	21097.42
SDev	.017777	.90875	1.62442	.192021	.16182	.036559	293.21
%RSD	10.35948	16.57165	104.4500	2.140656	.7681299	42.39621	1.389793
#1	-.184167	-4.84117	-.406574	9.105976	20.95193	-.112083	20890.09
#2	-.159027	-6.12633	-2.70385	8.834417	21.18077	-.060381	21304.75

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.222314	-.298355	-.840615	-.031584	1607.999	992.4813	7210.213
SDev	.164290	.508567	.164481	.288739	7.315	14.7228	62.888
%RSD	73.90018	170.4572	19.56674	914.2045	.4549238	1.483437	.8722019
#1	-.106143	-.657966	-.724309	-.235753	1602.827	982.0707	7165.745
#2	-.338484	.0612565	-.956920	.1725856	1613.172	1002.892	7254.682

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2427.809	.5588316	21451.60	-.401981	.9000200	-3.17604	.2107665
SDev	12.068	.6031294	200.84	.296883	.8689227	1.80785	2.746953
%RSD	.4970643	107.9269	.9362556	73.85491	96.54481	56.92130	1303.316
#1	2419.276	.9853085	21309.58	-.611909	.2855989	-4.45438	2.153156
#2	2436.342	.1323547	21593.62	-.192053	1.514441	-1.89770	-1.73162

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.514424	1.285575	.7069319	-4.48736	-.550577	-.225723	.3979902
SDev	7.535808	.580698	1.012819	2.20758	1.007033	.141521	.2306741
%RSD	299.7032	45.17033	143.2697	49.19555	182.9050	62.69675	57.95973
#1	7.843044	.8749589	-.009239	-6.04835	-1.26266	-.325794	.5611014
#2	-2.81420	1.696190	1.423103	-2.92636	.1615028	-.125653	.2348791

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	864.0452	-.906990	54.77727	.2422141
SDev	6.5234	2.037046	.30606	.1963550
%RSD	.7549873	224.5940	.5587310	81.06670
#1	859.4324	-2.34740	54.56086	.3810581
#2	868.6579	.5334184	54.99369	.1033702

Method: STL3 Sample Name: 220-7975-A-13-A Operator: NP
Run Time: 02/10/09 16:27:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2592885	27745.81	7.212496	3.947360	50.14859	.9560168	546.2935
SDev	.1531354	70.44	2.901495	.354754	.16182	.0005026	4.5763
%RSD	59.05985	.2538762	40.22872	8.987129	.3226803	.0525768	.8376997
#1	.3675716	27696.00	5.160830	4.198210	50.03416	.9556614	543.0575
#2	.1510054	27795.62	9.264163	3.696511	50.26301	.9563723	549.5294

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.765411	8.650928	38.45141	13.96070	39457.63	771.5443	3264.102
SDev	.038141	.292652	.05688	.18859	112.93	3.2717	8.150
%RSD	4.983103	3.382899	.1479271	1.350834	.2862055	.4240465	.2496708
#1	-.738441	8.443993	38.41119	14.09405	39377.78	769.2309	3258.340
#2	-.792381	8.857865	38.49163	13.82735	39537.48	773.8578	3269.865

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.2654	1.955911	46.42926	18.57223	17.37833	2.546575	-.735303
SDev	1.1110	.124785	.69759	.39347	1.07524	1.734514	.071680
%RSD	.3546528	6.379905	1.502480	2.118583	6.187266	68.11164	9.748427
#1	312.4798	2.044148	46.92254	18.29400	16.61802	1.320088	-.785989
#2	314.0510	1.867675	45.93599	18.85045	18.13864	3.773061	-.684617

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7107296	15.27166	18.42949	2.220594	3.198516	52.89329	69.96434
SDev	3.257500	1.49716	.86460	2.270860	.660211	.34191	.29810
%RSD	458.3318	9.803538	4.691393	102.2636	20.64117	.6464174	.4260746
#1	3.014130	14.21300	17.81812	.6148530	2.731676	52.65152	69.75356
#2	-1.59267	16.33031	19.04085	3.826334	3.665356	53.13506	70.17513

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1714.993	4.833725	7.748995	614.6019
SDev	10.106	.496889	.015712	2.3340
%RSD	.5892665	10.27963	.2027619	.3797658
#1	1707.847	5.185079	7.737885	612.9515
#2	1722.139	4.482371	7.760105	616.2524

Method: STL3 Sample Name: 220-7975-A-13-B DU Operator: NP
Run Time: 02/10/09 16:33:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0815211	31853.45	8.422052	4.122919	57.58601	1.137847	631.5831
SDev	.0439145	98.46	.787712	.144403	.04495	.049244	1.9612
%RSD	53.86879	.3090916	9.352976	3.502434	.0780562	4.327787	.3105286
#1	.0504689	31783.83	8.979049	4.020811	57.55423	1.103027	630.1964
#2	.1125734	31923.07	7.865055	4.225027	57.61780	1.172668	632.9700

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.835954	10.15893	43.29856	13.78012	40969.62	891.8451	3622.548
SDev	.110007	.39552	.25159	.11089	87.66	9.8153	13.035
%RSD	13.15945	3.893304	.5810626	.8047153	.2139748	1.100560	.3598402
#1	-.758168	10.43861	43.12065	13.85853	40907.64	884.9046	3613.331
#2	-.913741	9.879261	43.47646	13.70171	41031.61	898.7855	3631.765

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	315.0816	2.338270	51.70112	21.03811	19.37300	3.675830	-.731237
SDev	1.2537	.041595	.00000	.30441	.16261	3.726674	.535218
%RSD	.3978925	1.778889	.0000000	1.446930	.8393500	101.3832	73.19350
#1	314.1951	2.367682	51.70112	20.82286	19.48798	1.040674	-.352781
#2	315.9681	2.308857	51.70112	21.25335	19.25802	6.310986	-1.10969

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.856963	20.34210	18.88857	3.971841	3.081819	53.18853	79.71653
SDev	.383780	2.02381	.76646	4.305759	2.566905	.21992	.00712
%RSD	13.43316	9.948873	4.057785	108.4072	83.29189	.4134806	.0089331
#1	3.128337	21.77315	18.34661	.9272090	1.266743	53.03302	79.72156
#2	2.585589	18.91105	19.43054	7.016472	4.896895	53.34404	79.71149

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1937.540	3.434203	9.144480	729.8267
SDev	10.104	.830678	.015767	1.9180
%RSD	.5214895	24.18839	.1724206	.2628082
#1	1930.395	2.846824	9.133330	728.4705
#2	1944.684	4.021581	9.155628	731.1830

Method: STL3 Sample Name: 220-7975-A-13-C MS Operator: NP
Run Time: 02/10/09 16:39:02
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.62466	36224.42	24.41216	214.8673	474.7461	11.84448	2974.161
SDev	.07708	245.68	.49896	1.1235	3.8161	.08586	9.479
%RSD	.7255281	.6782191	2.043919	.5229005	.8038296	.7249134	.3187278
#1	10.57015	36050.69	24.76498	214.0728	472.0477	11.78377	2967.458
#2	10.67917	36398.14	24.05934	215.6617	477.4445	11.90520	2980.864

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.83180	114.7714	91.00093	65.22815	44940.27	3030.654	6103.417
SDev	.49472	.4507	.77915	.58682	214.70	11.451	40.251
%RSD	2.494601	.3926679	.8561988	.8996408	.4777532	.3778434	.6594866
#1	19.48198	114.4528	90.44999	64.81320	44788.45	3022.557	6074.956
#2	20.18163	115.0901	91.55187	65.64309	45092.09	3038.751	6131.879

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	437.0562	214.6943	2583.637	128.0842	27.64412	20.77841	124.8081
SDev	.9378	3.3276	11.510	1.2152	.16733	.64875	2.7283
%RSD	.2145643	1.549928	.4455091	.9487293	.6052923	3.122231	2.185979
#1	436.3930	212.3414	2575.498	127.2250	27.52580	20.31968	122.8789
#2	437.7192	217.0473	2591.776	128.9435	27.76244	21.23715	126.7373

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.06675	28.00473	27.46328	20.11699	22.10214	167.0593	189.6426
SDev	8.23052	1.86439	1.18166	.15999	1.62787	.7220	.5932
%RSD	37.29826	6.657409	4.302700	.7953086	7.365229	.4321861	.3128165
#1	27.88661	29.32305	26.62772	20.00386	20.95106	166.5488	189.2231
#2	16.24690	26.68640	28.29885	20.23012	23.25322	167.5699	190.0621

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2745.691	195.1884	11.41197	985.0537
SDev	12.996	.0227	.01956	2.1363
%RSD	.4733305	.0116360	.1714065	.2168710
#1	2736.502	195.2045	11.39813	983.5431
#2	2754.881	195.1724	11.42580	986.5643

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 02/10/09 16:44:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.34353	4848.790	506.2383	493.0569	497.6241	499.5668	19175.40
SDev	.06622	42.879	3.7581	3.2203	2.5486	2.4415	114.57
%RSD	.1265125	.8843319	.7423496	.6531393	.5121599	.4887172	.5974805
#1	52.29670	4818.470	503.5810	490.7797	495.8220	497.8404	19094.38
#2	52.39035	4879.110	508.8957	495.3340	499.4263	501.2932	19256.41

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.9317	503.7756	510.5108	485.1553	5098.641	18898.78	19000.96
SDev	2.6842	2.0418	2.9107	2.6612	14.802	152.14	76.54
%RSD	.5337176	.4052911	.5701603	.5485319	.2903048	.8050025	.4028444
#1	501.0337	502.3318	508.4526	483.2736	5088.174	18791.21	18946.84
#2	504.8298	505.2193	512.5690	487.0371	5109.107	19006.36	19055.09

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.7973	504.3457	21338.85	510.6851	495.6708	494.2888	492.4014
SDev	1.5698	4.2427	147.43	3.0529	4.9952	.5208	5.4909
%RSD	.3055373	.8412253	.6909075	.5978036	1.007773	.1053663	1.115133
#1	512.6873	501.3457	21234.60	508.5264	492.1387	493.9205	488.5187
#2	514.9073	507.3457	21443.10	512.8438	499.2030	494.6571	496.2840

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	476.9471	495.0258	495.9920	495.1920	492.4788	499.0065	510.8578
SDev	1.0404	3.9171	5.5337	.7170	.1279	2.4357	2.9812
%RSD	.2181459	.7912828	1.115679	.1447860	.0259750	.4881028	.5835732
#1	476.2114	492.2560	492.0791	494.6850	492.3884	497.2842	508.7498
#2	477.6828	497.7956	499.9049	495.6989	492.5693	500.7287	512.9659

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	530.1764	484.6809	502.4208	492.5957
SDev	5.0239	3.6638	2.4439	2.1364
%RSD	.9475809	.7559157	.4864307	.4337077
#1	526.6240	482.0902	500.6927	491.0850
#2	533.7288	487.2716	504.1489	494.1064

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 02/10/09 16:50:35
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.139033	-7.84061	-.444674	1.538529	.0222487	.0432645	3.120358
SDev	.317485	2.39326	.987320	.610561	.0134848	.0000674	.000000
%RSD	228.3528	30.52386	222.0324	39.68476	60.60916	.1556902	.0000000
#1	.0854632	-6.14832	.2534668	1.970261	.0317839	.0432169	3.120358
#2	-.363529	-9.53290	-1.14281	1.106796	.0127136	.0433121	3.120358

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.088072	-.059413	.0242564	-.165675	-1.92217	25.44829	-.000092
SDev	.065112	.061890	.1944732	.099527	1.07361	4.90762	.930328
%RSD	73.93007	104.1685	801.7410	60.07372	55.85413	19.28466	1008941.
#1	-.042031	-.015650	-.113257	-.095299	-1.16301	21.97808	.6577489
#2	-.134114	-.103176	.1617696	-.236052	-2.68132	28.91850	-.657933

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.014423	2.426506	-2.48177	.5507193	.6726220	-1.01877	4.692669
SDev	.030463	1.123069	.02180	.2632193	.8558343	.55491	2.300103
%RSD	211.2122	46.28335	.8784133	47.79556	127.2385	54.46870	49.01482
#1	-.035963	3.220636	-2.49719	.7368435	1.277788	-1.41114	6.319088
#2	.0071176	1.632377	-2.46636	.3645951	.0674558	-.626386	3.066250

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.171001	.5915955	.7124749	-2.17982	1.305827	-.096566	.2699031
SDev	2.129863	1.478206	2.021105	1.80299	1.944996	1.269183	.0770945
%RSD	51.06359	249.8677	283.6739	82.71268	148.9475	1314.315	28.56375
#1	5.677041	-.453654	2.141612	-3.45472	2.681146	.8008817	.2153891
#2	2.664960	1.636845	-.716662	-.904915	-.069493	-.994014	.3244171

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.63904	6.973179	.0306745	.4333258
SDev	1.12868	1.771746	.0000000	.2589562
%RSD	42.76844	25.40800	.0000000	59.76016
#1	-1.84095	8.225992	.0306745	.6164354
#2	-3.43714	5.720365	.0306745	.2502161

Method: STL3 Sample Name: 220-7975-A-13-A SD@5 Operator: NP
Run Time: 02/10/09 16:56:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0574317	5370.967	-.819809	1.617326	10.03099	.2433759	118.5735
SDev	.0822299	7.974	3.105771	.133335	.05394	.0488966	.1634
%RSD	143.1787	.1484638	378.8406	8.244136	.5377256	20.09099	.1378392
#1	.1155770	5376.605	1.376302	1.711608	9.992848	.2779510	118.4579
#2	-.000714	5365.328	-3.01592	1.523045	10.06913	.2088008	118.6891

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.239078	1.945762	8.044817	2.730863	8006.324	158.4731	642.4315
SDev	.121096	.057789	.068569	.043897	7.086	3.2717	3.0245
%RSD	50.65134	2.969997	.8523319	1.607439	.0885040	2.064525	.4707888
#1	-.324705	1.904899	8.093302	2.761902	8011.335	156.1597	640.2929
#2	-.153450	1.986625	7.996331	2.699823	8001.314	160.7866	644.5701

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.77599	.9117780	2.975054	4.511882	3.425307	-1.15328	.2288691
SDev	.04084	.8942953	.501398	.921633	1.297011	1.22792	1.058842
%RSD	.0640345	98.08257	16.85341	20.42680	37.86556	106.4726	462.6408
#1	63.74712	1.544140	3.329596	3.860189	2.508181	-2.02155	.9775833
#2	63.80487	.2794157	2.620512	5.163575	4.342433	-.285003	-.519845

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.499308	1.700882	4.285427	-2.50046	1.544034	11.24471	13.92785
SDev	2.059151	.986019	2.436816	.62042	2.444622	.73036	.00102
%RSD	45.76595	57.97104	56.86284	24.81211	158.3269	6.495124	.0073546
#1	5.955347	2.398103	2.562338	-2.93916	-.184575	10.72827	13.92712
#2	3.043268	1.003661	6.008516	-2.06176	3.272643	11.76115	13.92857

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	334.8154	2.896166	1.604376	124.8896
SDev	1.1061	.236326	.000003	.0036
%RSD	.3303759	8.159978	.0002102	.0029114
#1	335.5975	3.063274	1.604379	124.8871
#2	334.0332	2.729058	1.604374	124.8922

Method: STL3 Sample Name: 220-7975-A-14-A Operator: NP
Run Time: 02/10/09 17:02:06
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0915960	12738.81	2.630844	2.879868	24.85498	.6697035	140.6472
SDev	.0382514	52.39	.910687	.307102	.08990	.0236764	1.3075
%RSD	41.76099	.4112421	34.61577	10.66375	.3616882	3.535358	.9296422
#1	.0645482	12701.77	3.274797	3.097021	24.79142	.6529617	139.7226
#2	.1186438	12775.86	1.986891	2.662714	24.91855	.6864452	141.5717

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.08091	10.27512	15.04732	7.697246	22770.51	587.6229	1738.104
SDev	.11170	.42810	.44737	.077674	10.30	8.1794	13.490
%RSD	10.33385	4.166415	2.973115	1.009113	.0452522	1.391950	.7761389
#1	-1.15989	9.972403	14.73098	7.642322	22763.22	581.8392	1728.565
#2	-1.00192	10.57783	15.36367	7.752170	22777.79	593.4067	1747.643

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	419.2348	2.441212	32.71013	11.57697	6.526922	1.576825	-.905675
SDev	.3770	.270368	1.96198	.62516	.257517	1.516351	1.640623
%RSD	.0899333	11.07517	5.998075	5.400055	3.945457	96.16481	181.1492
#1	419.5014	2.250033	31.32280	11.13491	6.709014	2.649047	-2.06577
#2	418.9682	2.632392	34.09746	12.01902	6.344830	.5046031	.2544206

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.554479	7.883734	5.848684	2.230170	.2669706	22.62511	33.59251
SDev	1.174836	.267673	.519647	.658702	3.234222	.96472	.76287
%RSD	17.92418	3.395256	8.884860	29.53597	1211.453	4.263944	2.270961
#1	5.723744	7.694461	6.216130	2.695943	2.553911	21.94295	33.05307
#2	7.385213	8.073008	5.481238	1.764397	-2.01997	23.30727	34.13194

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2909.225	3.863813	2.677020	482.3876
SDev	10.259	3.598810	.000027	2.7796
%RSD	.3526340	93.14140	.0010265	.5762247
#1	2901.971	1.319070	2.677040	484.3531
#2	2916.479	6.408556	2.677001	480.4221

Method: STL3 Sample Name: 220-7975-A-15-A Operator: NP
Run Time: 02/10/09 17:07:50
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0236366	31100.72	6.554330	5.107036	64.76282	.9313412	1329.849
SDev	.2464313	47.58	.805122	.214855	.29667	.0124997	2.942
%RSD	1042.584	.1529708	12.28383	4.207037	.4580796	1.342114	.2212231
#1	-.150617	31067.08	5.985022	4.955110	64.55304	.9225026	1327.769
#2	.1978898	31134.36	7.123637	5.258961	64.97259	.9401798	1331.930

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.354375	10.31343	61.75342	13.81846	27482.53	1119.722	4238.228
SDev	.195620	.21096	.08000	.16601	141.55	4.908	26.521
%RSD	55.20157	2.045535	.1295553	1.201374	.5150436	.4382894	.6257648
#1	-.492699	10.46261	61.69685	13.70107	27382.45	1116.252	4219.475
#2	-.216050	10.16426	61.80999	13.93585	27582.62	1123.193	4256.981

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	182.7959	2.705922	87.98746	26.10749	20.93293	2.471012	-1.64565
SDev	.2242	.894295	.04360	1.86242	1.68016	1.033963	.56675
%RSD	.1226429	33.04956	.0495534	7.133653	8.026407	41.84371	34.43912
#1	182.6374	2.073560	87.95663	24.79056	19.74488	3.202134	-2.04640
#2	182.9545	3.338284	88.01829	27.42441	22.12099	1.739890	-1.24490

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.832000	19.86354	21.46607	2.583455	2.244788	45.39679	70.39098
SDev	4.761506	1.00552	2.01691	.449579	4.005502	.46120	.45030
%RSD	81.64449	5.062124	9.395801	17.40222	178.4356	1.015921	.6397103
#1	9.198893	19.15254	20.03990	2.265555	5.077106	45.72291	70.07256
#2	2.465107	20.57455	22.89224	2.901355	-.587529	45.07068	70.70938

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1500.400	5.905477	17.03001	1142.003
SDev	.282	3.074558	.00402	1.076
%RSD	.0187660	52.06283	.0235765	.0941772
#1	1500.201	3.731435	17.03285	1141.242
#2	1500.599	8.079517	17.02717	1142.763

Method: STL3 Sample Name: 220-7975-A-16-A Operator: NP
Run Time: 02/10/09 17:13:35
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2726189	18065.72	5.112509	3.139645	28.09376	.6171477	281.9877
SDev	.0435285	156.01	.447730	.213565	.04944	.0964389	4.4129
%RSD	15.96680	.8635670	8.757541	6.802202	.1759891	15.62656	1.564911
#1	.3033982	17955.40	5.429101	3.290658	28.05880	.6853403	278.8673
#2	.2418395	18176.03	4.795916	2.988632	28.12872	.5489551	285.1081

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.555774	5.761215	31.05177	7.910288	23694.25	508.9647	2041.396
SDev	.060906	.704684	.43448	.177623	227.22	4.9076	12.573
%RSD	10.95882	12.23152	1.399205	2.245472	.9589678	.9642325	.6159223
#1	-.512706	5.262928	30.74455	8.035887	23533.58	505.4945	2032.506
#2	-.598841	6.259502	31.35899	7.784689	23854.92	512.4349	2050.287

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	156.6259	1.426492	38.30569	13.96049	11.62814	2.880834	-2.20438
SDev	1.7632	.249571	.98099	.70059	1.06308	1.554362	.89067
%RSD	1.125762	17.49543	2.560958	5.018385	9.142300	53.95528	40.40439
#1	155.3792	1.250018	37.61202	13.46510	10.87643	1.781734	-1.57459
#2	157.8727	1.602965	38.99935	14.45588	12.37985	3.979934	-2.83418

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.225134	12.33481	11.27443	3.356101	1.927771	31.52042	78.77887
SDev	3.428988	.27579	1.73151	2.137926	.385341	.24794	.82518
%RSD	55.08296	2.235836	15.35783	63.70266	19.98894	.7865952	1.047460
#1	8.649795	12.52982	10.05007	1.844359	1.655293	31.69574	78.19538
#2	3.800473	12.13980	12.49879	4.867843	2.200248	31.34510	79.36236

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1647.280	9.988914	3.914833	633.0139
SDev	9.523	.934131	.031524	5.1531
%RSD	.5780929	9.351679	.8052535	.8140596
#1	1640.546	10.64945	3.892542	629.3701
#2	1654.014	9.328384	3.937124	636.6576

Method: STL3 Sample Name: 220-7975-A-17-A Operator: NP
Run Time: 02/10/09 17:19:19
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2938850	35543.08	14.59995	5.737883	85.90544	1.373930	3145.781
SDev	.1145556	306.57	2.62393	.066529	.09889	.047712	24.679
%RSD	38.97974	.8625447	17.97221	1.159475	.1151110	3.472667	.7845218
#1	.3748881	35326.30	12.74455	5.784926	85.97536	1.407667	3128.330
#2	.2128820	35759.86	16.45536	5.690839	85.83552	1.340192	3163.232

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.613726	17.86037	89.07082	30.35715	49504.32	1085.020	4521.441
SDev	.223532	.13588	.15905	.23305	297.20	4.908	17.467
%RSD	36.42215	.7608060	.1785651	.7676844	.6003578	.4523072	.3863161
#1	-.455665	17.76429	88.95836	30.52194	49294.16	1081.550	4509.090
#2	-.771787	17.95646	89.18329	30.19236	49714.47	1088.491	4533.792

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.6074	3.558876	81.83697	31.37906	37.39910	3.753474	-.568121
SDev	3.0984	.020798	1.41699	.50775	.16548	.015819	1.367086
%RSD	.6080025	.5843872	1.731475	1.618131	.4424633	.4214377	240.6330
#1	507.4165	3.573582	80.83501	31.73809	37.51611	3.764659	.3985552
#2	511.7983	3.544170	82.83894	31.02002	37.28209	3.742289	-1.53480

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.385504	36.68940	37.75262	3.774200	3.710758	64.00980	104.2898
SDev	3.458054	1.81753	.65931	.723971	1.497620	.12842	.1286
%RSD	64.21040	4.953840	1.746407	19.18212	40.35886	.2006178	.1233114
#1	2.940291	37.97459	37.28641	3.262275	4.769735	64.10060	104.1989
#2	7.830717	35.40420	38.21882	4.286125	2.651781	63.91900	104.3807

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1678.580	10.43935	34.91891	860.3480
SDev	7.746	.69698	.16547	4.7811
%RSD	.4614447	6.676484	.4738747	.5557152
#1	1673.103	10.93219	34.80191	856.9672
#2	1684.057	9.946508	35.03592	863.7287

Method: STL3 Sample Name: 220-7975-A-18-A Operator: NP
Run Time: 02/10/09 17:25:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.144545	38254.70	14.77759	5.165746	78.79539	1.692341	2750.536
SDev	.197589	33.98	.66640	.257526	.16632	.037530	13.566
%RSD	136.6973	.0888324	4.509503	4.985263	.2110735	2.217614	.4931963
#1	-.284261	38278.73	15.24880	4.983647	78.91299	1.665803	2740.944
#2	-.004828	38230.67	14.30637	5.347844	78.67779	1.718878	2760.128

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.75088	22.83579	60.36154	25.11774	54847.77	1198.381	5040.559
SDev	.00491	.40808	.33071	.01099	296.63	4.908	2.356
%RSD	.2802346	1.787013	.5478805	.0437507	.5408266	.4095214	.0467360
#1	-1.75435	22.54724	60.12769	25.10997	54638.02	1194.910	5038.893
#2	-1.74741	23.12435	60.59539	25.12551	55057.52	1201.851	5042.225

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	633.6696	2.000030	94.32293	30.10691	24.95675	4.797007	-.872877
SDev	4.6274	.561534	.45779	.03507	.87418	1.441683	.757081
%RSD	.7302471	28.07631	.4853450	.1164991	3.502773	30.05381	86.73398
#1	630.3976	1.602965	94.64664	30.13171	25.57488	5.816431	-.337540
#2	636.9416	2.397094	93.99922	30.08211	24.33861	3.777583	-1.40821

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8217688	23.99824	25.43448	4.193228	6.005377	68.76386	82.98252
SDev	7.156485	.02548	1.29789	.381404	3.565427	.96262	.36811
%RSD	870.8636	.1061616	5.102890	9.095706	59.37057	1.399893	.4435977
#1	-4.23863	24.01625	26.35223	4.462921	8.526514	68.08318	82.72223
#2	5.882168	23.98023	24.51673	3.923535	3.484240	69.44453	83.24281

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1716.378	7.364934	33.53274	1083.498
SDev	4.892	1.575854	.06690	4.380
%RSD	.2849987	21.39672	.1995091	.4042754
#1	1712.919	6.250637	33.48543	1080.401
#2	1719.837	8.479232	33.58004	1086.595

Method: STL3 Sample Name: 220-7975-A-19-A Operator: NP
Run Time: 02/10/09 17:30:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3071937	36541.05	13.62969	5.805081	74.19626	1.779132	1981.773
SDev	.2680308	171.34	.50354	.127731	.17080	.061024	9.643
%RSD	87.25138	.4688996	3.694452	2.200324	.2302066	3.429963	.4865826
#1	.1176674	36419.89	13.98574	5.714762	74.07549	1.735982	1974.954
#2	.4967201	36662.20	13.27363	5.895400	74.31704	1.822283	1988.591

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.59950	19.30547	43.24818	40.97966	52205.48	994.7947	4648.977
SDev	.07979	.86915	.05711	.18873	53.03	1.6359	16.511
%RSD	4.988381	4.502072	.1320627	.4605494	.1015746	.1644435	.3551463
#1	-1.65592	18.69089	43.28857	40.84620	52167.98	995.9515	4637.302
#2	-1.54308	19.92005	43.20779	41.11311	52242.98	993.6380	4660.651

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.0294	2.455918	84.56538	28.96792	23.07705	3.268365	-.267938
SDev	.9683	.499142	.56679	.36328	.49111	1.078086	.043100
%RSD	.1968062	20.32403	.6702429	1.254087	2.128143	32.98549	16.08582
#1	492.7141	2.808865	84.16460	28.71104	23.42432	4.030687	-.237462
#2	491.3447	2.102972	84.96617	29.22480	22.72978	2.506043	-.298414

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.270360	21.45009	23.88852	2.417205	4.972140	62.93016	82.67508
SDev	.981279	1.38083	1.42568	1.607449	.017629	.79490	.45116
%RSD	43.22129	6.437395	5.968051	66.50033	.3545525	1.263145	.5456977
#1	1.576491	20.47369	24.89662	3.553843	4.984606	63.49224	82.35606
#2	2.964230	22.42648	22.88041	1.280567	4.959675	62.36808	82.99410

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1748.091	9.440954	34.50182	1083.054
SDev	2.329	3.809166	.06344	.376
%RSD	.1332309	40.34726	.1838668	.0347162
#1	1746.444	6.747467	34.54668	1083.320
#2	1749.738	12.13444	34.45697	1082.788

Method: STL3 Sample Name: 220-7975-A-20-A Operator: NP
Run Time: 02/10/09 17:36:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2730316	39333.48	14.54443	5.783210	78.97338	1.765808	2304.094
SDev	.0601425	218.96	2.22710	.172708	.04944	.024781	12.094
%RSD	22.02768	.5566759	15.31241	2.986369	.0626007	1.403380	.5249073
#1	.2305044	39178.66	16.11923	5.661087	78.93842	1.748285	2295.542
#2	.3155587	39488.31	12.96963	5.905333	79.00834	1.783331	2312.646

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.67035	21.33851	55.91558	24.34126	60415.23	1172.932	5054.496
SDev	.20112	.14086	.02284	.15585	185.06	1.636	28.155
%RSD	12.04033	.6601124	.0408501	.6402830	.3063095	.1394762	.5570316
#1	-1.52814	21.23891	55.89943	24.23106	60284.38	1171.776	5034.587
#2	-1.81256	21.43811	55.93173	24.45147	60546.09	1174.089	5074.405

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	729.5452	3.044163	86.27643	30.25180	22.28294	3.840213	-2.41643
SDev	1.0703	.790307	.41420	.82041	1.34921	1.688085	.63304
%RSD	.1467116	25.96140	.4800805	2.711946	6.054921	43.95810	26.19740
#1	728.7883	3.602994	85.98354	29.67168	23.23698	5.033870	-2.86406
#2	730.3020	2.485331	86.56930	30.83192	21.32890	2.646557	-1.96880

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.102498	23.39374	21.72752	2.802349	5.918059	74.52303	83.36089
SDev	.416142	2.00660	1.02095	2.748293	.435515	1.78858	.59610
%RSD	19.79276	8.577498	4.698856	98.07106	7.359088	2.400037	.7150812
#1	2.396755	24.81261	22.44944	4.745685	5.610104	73.25832	82.93938
#2	1.808241	21.97486	21.00561	.8590120	6.226015	75.78775	83.78239

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1908.808	7.290618	35.00925	1067.689
SDev	8.095	.613485	.13412	2.381
%RSD	.4240663	8.414725	.3830911	.2230095
#1	1903.084	7.724418	34.91442	1066.005
#2	1914.532	6.856818	35.10409	1069.372

Method: STL3 Sample Name: 220-7956-A-1-A Operator: NP
Run Time: 02/10/09 17:42:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8174162	5631.979	154.5813	10.44212	29.54311	.4570905	194.6178
SDev	.1751969	15.700	1.7789	.07527	.15732	.0237227	2.4516
%RSD	21.43302	.2787588	1.150766	.7208006	.5325203	5.189933	1.259684
#1	.6935333	5620.877	155.8392	10.49534	29.43186	.4738650	192.8842
#2	.9412992	5643.080	153.3235	10.38890	29.65435	.4403161	196.3513

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.31026	1.632074	1320.411	18.99902	62628.57	736.8422	1517.974
SDev	.26463	.047589	7.207	.28852	361.41	3.2717	8.147
%RSD	.5366597	2.915877	.5458032	1.518586	.5770628	.4440173	.5367140
#1	49.49738	1.598424	1315.315	18.79501	62373.02	734.5287	1512.213
#2	49.12314	1.665725	1325.507	19.20303	62884.12	739.1556	1523.735

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	182.3351	9.191313	60.02508	8.336632	137.8354	7.799602	-.199628
SDev	.7951	.249571	3.88036	.304641	1.2794	1.888265	.849492
%RSD	.4360748	2.715289	6.464557	3.654251	.9282381	24.20977	425.5379
#1	181.7729	9.014839	57.28126	8.121218	136.9307	6.464396	-.800310
#2	182.8973	9.367786	62.76891	8.552046	138.7401	9.134807	.4010539

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.020285	139.4252	137.0409	7.586082	8.226080	49.81696	39.51533
SDev	2.228291	1.3665	2.6004	2.723451	.215387	1.15583	.14145
%RSD	44.38575	.9801203	1.897567	35.90063	2.618346	2.320159	.3579732
#1	3.444645	140.3914	135.2021	5.660312	8.073778	48.99966	39.41530
#2	6.595924	138.4589	138.8797	9.511853	8.378382	50.63425	39.61535

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1932.265	4.338781	6.440147	545.4869
SDev	11.045	1.553394	.019709	3.5005
%RSD	.5715957	35.80254	.3060367	.6417261
#1	1940.075	5.437196	6.426210	543.0117
#2	1924.455	3.240365	6.454083	547.9622

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/10/09 17:48:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.42170	4899.892	518.1930	502.8607	503.8602	512.8330	19615.94
SDev	.79992	22.983	4.9991	2.7532	1.2541	5.4808	281.93
%RSD	1.525926	.4690450	.9647134	.5475122	.2488934	1.068732	1.437255
#1	51.85607	4883.640	514.6581	500.9139	502.9734	508.9575	19416.59
#2	52.98733	4916.143	521.7279	504.8075	504.7469	516.7085	19815.30

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.5392	510.5117	520.1285	487.4846	5187.791	18973.97	19195.28
SDev	4.7454	6.7768	5.7405	.5199	48.756	62.16	130.77
%RSD	.9240524	1.327460	1.103669	.1066422	.9398190	.3276165	.6812427
#1	510.1837	505.7197	516.0694	487.1170	5153.315	18930.02	19102.81
#2	516.8946	515.3036	524.1877	487.8522	5222.266	19017.93	19287.74

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.9761	507.2428	21440.85	520.9131	500.1504	503.9218	498.4582
SDev	4.4646	5.0954	51.45	5.9710	4.3877	.4535	6.3549
%RSD	.8569608	1.004530	.2399510	1.146257	.8772795	.0900000	1.274911
#1	517.8192	503.6398	21404.47	516.6909	497.0479	503.6011	493.9646
#2	524.1330	510.8458	21477.23	525.1352	503.2530	504.2425	502.9518

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482.7680	499.2806	500.5840	504.4583	502.8462	506.0086	525.0241
SDev	1.2679	3.2944	4.9337	.6399	2.6437	4.7123	8.4870
%RSD	.2626416	.6598223	.9855872	.1268508	.5257491	.9312668	1.616499
#1	481.8715	496.9511	497.0954	504.9108	500.9768	502.6765	519.0229
#2	483.6646	501.6101	504.0727	504.0058	504.7156	509.3407	531.0253

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	537.0686	487.3598	505.2564	496.7668
SDev	2.7327	3.3112	2.2823	3.0626
%RSD	.5088100	.6794241	.4517200	.6165118
#1	535.1363	485.0184	503.6426	494.6013
#2	539.0009	489.7012	506.8703	498.9325

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/10/09 17:53:45
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.026926	-10.7086	-.510265	2.442645	.0508542	.1294849	5.316164
SDev	.169489	2.8214	1.055967	.017899	.0179797	.0000687	.163439
%RSD	629.4705	26.34655	206.9449	.7327611	35.35535	.0530640	3.074386
#1	-.146772	-12.7036	-1.25695	2.429989	.0635677	.1295335	5.431733
#2	.0929211	-8.71362	.2364166	2.455302	.0381406	.1294364	5.200595

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.153896	-.230497	.0244555	.2818219	1.738008	43.95609	-.657518
SDev	.084023	.002388	.1947544	.0005089	12.24881	4.90762	2.326243
%RSD	54.59709	1.036156	796.3637	.1805907	704.7614	11.16482	353.7917
#1	-.094483	-.228808	.1621676	.2814620	-6.92321	40.48588	.9873847
#2	-.213309	-.232185	-.113257	.2821818	10.39922	47.42630	-2.30242

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0721504	1.823556	-1.01737	.2861864	1.232703	-.612306	4.230285
SDev	.0102043	1.351842	.52320	.1973316	.102264	.413648	2.593846
%RSD	14.14309	74.13216	51.42634	68.95215	8.295951	67.55571	61.31610
#1	.0649349	2.779453	-.647414	.1466518	1.305015	-.319813	6.064411
#2	.0793660	.8676598	-1.38732	.4257209	1.160391	-.904799	2.396159

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0981793	-.925967	2.309820	-1.09679	.3571262	.8907780	.5402216
SDev	2.954670	.276596	.015229	.15555	1.553743	.1335865	.1532713
%RSD	3009.463	29.87105	.6593302	14.18186	435.0684	14.99661	28.37193
#1	-1.99109	-.730384	2.320589	-1.20678	1.455789	.7963180	.6486008
#2	2.187446	-1.12155	2.299052	-.986807	-.741536	.9852379	.4318424

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.005929	6.514018	.0446012	.4719825
SDev	.932188	1.594316	.0039487	.2406591
%RSD	46.47165	24.47515	8.853301	50.98900
#1	2.665086	7.641369	.0473933	.6421542
#2	1.346772	5.386666	.0418090	.3018108

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 24297

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Authorizing Signature (2nd level Review) Date 2/12/09

TestAmerica Form #MEF01105.CT

Table Name: W021209 Autosampler Type: TYPE TJA
Sample Positions: 131/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	35	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	61	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	2	QC Standard
9	1	9	CCB	-NA-	2	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-24199/1-A	1	-NA-	Sample
2	1	2	LCS 220-24199/2-A	1	-NA-	Sample
3	1	3	220-7956-A-2-A	1	-NA-	Sample
4	1	4	220-7956-A-3-A	1	-NA-	Sample
5	1	5	220-7956-A-4-A	1	-NA-	Sample
6	1	6	220-7956-A-5-A	1	-NA-	Sample
7	1	7	220-7956-A-6-A	1	-NA-	Sample
8	1	8	220-7956-A-7-A	1	-NA-	Sample
9	1	9	220-7956-A-8-A	1	-NA-	Sample
10	1	10	220-7956-A-9-A	1	-NA-	Sample
11	1	11	220-7956-A-10-A	1	-NA-	Sample
12	1	12	220-7956-A-11-A	1	-NA-	Sample
13	2	1	220-7956-A-12-A	1	-NA-	Sample
14	2	2	MB 220-24232/1-A	1	-NA-	Sample
15	2	3	LCS 220-24232/2-A	1	-NA-	Sample
16	2	4	220-7956-A-13-A	1	-NA-	Sample
17	2	5	220-7956-A-13-B DU	1	-NA-	Sample
18	2	6	220-7956-A-13-C MS	1	-NA-	Sample
19	2	7	220-7956-A-13-A SD@5	1	-NA-	Sample
20	2	8	220-7956-A-14-A	1	-NA-	Sample
21	2	9	220-7956-A-15-A	1	-NA-	Sample
22	2	10	220-7956-A-16-A	1	-NA-	Sample
23	2	11	220-7956-A-17-A	1	-NA-	Sample
24	2	12	220-7956-A-18-A	1	-NA-	Sample
25	3	1	220-7956-A-19-A	1	-NA-	Sample
26	3	2	220-7956-A-20-A	1	-NA-	Sample
27	3	3	220-7956-A-21-A	1	-NA-	Sample
28	3	4	220-7956-A-22-A	1	-NA-	Sample
29	3	5	220-7956-A-23-A	1	-NA-	Sample
30	3	6	220-7956-A-24-A	1	-NA-	Sample
31	3	7	220-7956-A-25-A	1	-NA-	Sample
32	3	8	220-7956-A-26-A	1	-NA-	Sample
33	3	9	220-7956-A-27-A	1	-NA-	Sample
34	3	10	220-7956-A-28-A	1	-NA-	Sample
35	3	11	220-7956-A-29-A	1	-NA-	Sample
36	3	12	220-7956-A-30-A	1	-NA-	Sample
37	4	1	220-7956-A-31-A	1	-NA-	Sample
38	4	2	220-7956-A-32-A	1	-NA-	Sample
39	4	3	MB 220-24277/1-A	1	-NA-	Sample
40	4	4	LCS 220-24277/2-A	1	-NA-	Sample
41	4	5	LB 220-24194/1-E	1	-NA-	Sample
42	4	6	220-7977-B-6-C	1	-NA-	Sample
43	4	7	220-8008-A-20-C	1	-NA-	Sample
44	4	8	220-7955-A-1-F	1	-NA-	Sample
45	4	9	220-7945-B-1-C	1	-NA-	Sample
46	4	10	220-8025-G-1-B	1	-NA-	Sample
47	4	11	220-8024-A-21-A	1	-NA-	Sample
48	4	12	220-8007-G-1-B	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	220-8015-C-5-A	1	-NA-	Sample
2	1	2	220-8015-C-5-B DU	1	-NA-	Sample
3	1	3	220-8015-C-5-C MS	1	-NA-	Sample
4	1	4	220-8015-C-5-D MSD	1	-NA-	Sample
5	1	5	220-8015-C-5-A SD@5	1	-NA-	Sample
6	1	6	(empty)	1	-NA-	-NA-
7	1	7	(empty)	1	-NA-	-NA-
8	1	8	(empty)	1	-NA-	-NA-
9	1	9	(empty)	1	-NA-	-NA-
10	1	10	(empty)	1	-NA-	-NA-
11	1	11	(empty)	1	-NA-	-NA-
12	1	12	(empty)	1	-NA-	-NA-
13	2	1	(empty)	1	-NA-	-NA-
(14...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 02/12/09 11:11:19

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00427	.08003	.00012	.0858	.00017	-.00607	.00797
SDev	.00123	.00174	.00210	.0015	.00005	.00019	.00024
%RSD	28.726	2.1793	1803.9	1.703	28.284	3.1082	2.9586
#1	-.00340	.07880	-.00137	.0869	.00020	-.00620	.00780
#2	-.00513	.08127	.00160	.0848	.00013	-.00593	.00813

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00583	-.00103	.00190	.04270	-.01007	.01797	.00067
SDev	.00080	.00005	.00080	.00014	.00057	.00014	.00009
%RSD	13.738	4.5620	42.178	.33120	5.6194	.78713	14.142
#1	.00640	-.00107	.00247	.04260	-.00967	.01787	.00073
#2	.00527	-.00100	.00133	.04280	-.01047	.01807	.00060

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00090	-.01033	.09750	-.00523	.01737	-.00520	-.03033
SDev	.00014	.00057	.00203	.00457	.00033	.00141	.00321
%RSD	15.713	5.4744	2.0790	87.375	1.9001	27.196	10.568
#1	.00100	-.01073	.09607	-.00847	.01713	-.00620	-.02807
#2	.00080	-.00993	.09893	-.00200	.01760	-.00420	-.03260

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	.00463	-.03073	.02487	.00077	-.00107	.3430	-.00503
SDev	.00561	.00509	.00160	.00024	.00028	.0003	.00448
%RSD	121.07	16.566	6.4455	30.744	26.517	.0825	88.974
#1	.00860	-.02713	.02600	.00093	-.00127	.3428	-.00187
#2	.00067	-.03433	.02373	.00060	-.00087	.3432	-.00820

Elem	Sr4215	Ti3349
Avge	.00257	-.01573
SDev	.00005	.00019
%RSD	1.8366	1.1985
#1	.00253	-.01560
#2	.00260	-.01587

Method: STL3 Standard: STD2
Run Time: 02/12/09 11:17:08

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.82893	5.2695	1.3593	2.434	9.9257	3.7435	14.005
SDev	.00094	.0211	.0126	.019	.0052	.0054	.015
%RSD	.11373	.40077	.92692	.7766	.05225	.14356	.11007
#1	.82827	5.2546	1.3683	2.421	9.9294	3.7473	14.016
#2	.82960	5.2845	1.3504	2.447	9.9221	3.7397	13.994

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.4383	1.4306	3.9485	4.1545	1.8789	1.4282	10.179
SDev	.0059	.0024	.0058	.0112	.0047	.0044	.006
%RSD	.07039	.16806	.14804	.27005	.25090	.30695	.05557
#1	8.4425	1.4323	3.9527	4.1465	1.8755	1.4251	10.175
#2	8.4341	1.4289	3.9444	4.1624	1.8822	1.4313	10.183

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.3848	2.1879	109.33	4.1100	2.0137	.68060	4.0528
SDev	.0210	.0065	.17	.0166	.0158	.00047	.0038
%RSD	.47841	.29518	.15372	.40488	.78656	.06926	.09422
#1	4.3997	2.1833	109.21	4.0983	2.0025	.68093	4.0555
#2	4.3700	2.1925	109.45	4.1218	2.0249	.68027	4.0501

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6756	2.4140	1.9517	1.8261	.59477	1.711	1.5193
SDev	.0376	.0007	.0209	.0009	.00184	.001	.0066
%RSD	1.0222	.02733	1.0724	.04905	.30911	.0634	.43439
#1	3.6491	2.4135	1.9369	1.8267	.59607	1.712	1.5146
#2	3.7022	2.4145	1.9665	1.8255	.59347	1.710	1.5239

Elem	Sr4215	Ti3349
Avge	11.642	12.402
SDev	.003	.019
%RSD	.02713	.15204
#1	11.640	12.415
#2	11.645	12.389

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	119.802	.511155	02/12/09 11:17:08
Al3082	308.215	STD2	STD1	2123.56	-169.956	02/12/09 11:17:08
As1890	189.042	STD2	STD1	734.039	-.085638	02/12/09 11:17:08
B_2496	249.678	STD2	STD1	426.953	-36.6468	02/12/09 11:17:08
Ba4934	493.409	STD2	STD1	100.750	-.016792	02/12/09 11:17:08
Be3130	313.042	STD2	STD1	266.660	1.61774	02/12/09 11:17:08
Ca3179	317.933	STD2	STD1	3572.26	-28.4590	02/12/09 11:17:08
Cd2265	226.502	STD2	STD1	118.845	-.693264	02/12/09 11:17:08
Co2286	228.616	STD2	STD1	698.888	.722184	02/12/09 11:17:08
Cr2677	267.716	STD2	STD1	253.374	-.481410	02/12/09 11:17:08
Cu3247	324.753	STD2	STD1	243.278	-10.3880	02/12/09 11:17:08
Fe2714	271.441	STD2	STD1	5864.80	59.0390	02/12/09 11:17:08
K_7664	766.491	STD2	STD1	35454.3	-636.995	02/12/09 11:17:08
Mg2790	279.078	STD2	STD1	4911.57	-3.27438	02/12/09 11:17:08
Mn2576	257.610	STD2	STD1	228.085	-.205277	02/12/09 11:17:08
Mo2020	202.030	STD2	STD1	454.911	4.70074	02/12/09 11:17:08
Na5889	588.995	STD2	STD1	457.749	-44.6305	02/12/09 11:17:08
Ni2316	231.604	STD2	STD1	242.469	1.26892	02/12/09 11:17:08
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	497.790	-8.64495	02/12/09 11:17:08
Tl1908	190.864	STD2	STD1	1448.64	7.53295	02/12/09 11:17:08
2203/1	220.351	STD2	STD1	245.421	7.44445	02/12/09 11:17:08
2203/2	220.352	STD2	STD1	271.835	-1.25950	02/12/09 11:17:08
1960/1	196.021	STD2	STD1	409.073	12.5722	02/12/09 11:17:08
1960/2	196.022	STD2	STD1	516.019	-12.8317	02/12/09 11:17:08
V_2924	292.402	STD2	STD1	542.258	-.415731	02/12/09 11:17:08
Zn2062	206.200	STD2	STD1	1678.50	1.79040	02/12/09 11:17:08
Si2881	288.158	STD2	STD1	732.428	-251.223	02/12/09 11:17:08
Sn1899	189.989	STD2	STD1	655.120	3.29744	02/12/09 11:17:08
Sr4215	421.552	STD2	STD1	86.0018	-.220738	02/12/09 11:17:08
Ti3349	334.941	STD2	STD1	80.5736	1.26769	02/12/09 11:17:08

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 02/12/09 11:22:57
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	107.2188	10084.22	1036.569	1017.258	987.1879	1004.356	25756.60
SDev	.2592	47.89	6.306	6.415	4.5547	1.609	81.50
%RSD	.2417371	.4748789	.6083323	.6305716	.4613788	.1602310	.3164381
#1	107.4021	10050.36	1032.110	1012.723	983.9673	1003.218	25698.97
#2	107.0355	10118.08	1041.028	1021.794	990.4086	1005.494	25814.24

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1017.278	1018.753	1025.065	981.9529	10295.28	48750.82	25353.08
SDev	3.506	2.741	2.402	4.2413	35.72	127.02	69.70
%RSD	.3446255	.2690279	.2342951	.4319297	.3469880	.2605486	.2749162
#1	1014.799	1016.815	1023.367	978.9538	10270.02	48661.01	25303.80
#2	1019.757	1020.691	1026.763	984.9520	10320.54	48840.64	25402.37

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1027.787	1029.326	48777.11	1015.784	1007.877	1001.649	1010.759
SDev	1.162	5.425	104.64	1.001	6.929	.885	8.461
%RSD	.1130160	.5270863	.2145171	.0985078	.6874455	.0883548	.8371307
#1	1026.966	1025.490	48703.12	1016.492	1002.977	1001.024	1004.776
#2	1028.609	1033.163	48851.09	1015.077	1012.776	1002.275	1016.742

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	991.0054	1000.062	1011.778	1001.710	1001.526	999.1975	1048.470
SDev	9.4437	2.022	9.378	.444	3.546	2.8935	2.687
%RSD	.9529456	.2021630	.9269148	.0443169	.3541049	.2895834	.2562902
#1	984.3277	998.6319	1005.146	1002.024	999.0186	997.1514	1046.570
#2	997.6832	1001.491	1018.409	1001.396	1004.034	1001.244	1050.370

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1084.290	945.4587	1002.292	1000.537
SDev	9.842	1.5787	3.238	2.563
%RSD	.9076759	.1669761	.3230121	.2561498
#1	1077.330	944.3424	1000.003	998.7248
#2	1091.249	946.5750	1004.582	1002.349

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 02/12/09 11:28:41
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0805748	-2.68204	.2838130	3.015226	.0470166	.1069146	.3572264
SDev	.1586355	4.52167	.1512601	1.388866	.0332458	.0752013	1.347186
%RSD	196.8798	168.5909	53.29569	46.06175	70.71068	70.33770	377.1239
#1	.1927470	.5152660	.3907700	3.997303	.0705249	.0537393	1.309831
#2	-.031597	-5.87934	.1768559	2.033150	.0235083	.1600900	-.595378

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.184881	.5933858	.1179773	.0788040	14.62482	2.363574	.8185466
SDev	.363698	.4026836	.0832611	.0359911	1.95530	5.013985	.6944631
%RSD	196.7204	67.86201	70.57384	45.67168	13.36972	212.1358	84.84100
#1	-.442054	.8781261	.1768517	.0533544	13.24222	-1.18185	1.309606
#2	.0722927	.3086455	.0591028	.1042535	16.00742	5.908996	.3274870

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.007682	5.731875	6.347454	.0416762	-.757732	-3.01675	7.499891
SDev	.021613	3.817156	1.920485	.6393312	2.003834	2.14017	4.183713
%RSD	281.3477	66.59524	30.25599	1534.042	264.4516	70.94272	55.78364
#1	-.022965	8.431012	7.705442	-.410399	.6591929	-4.53008	10.45822
#2	.0076008	3.032738	4.989466	.4937517	-2.17466	-1.50343	4.541560

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.383347	-1.14761	-.563738	-6.08175	3.121349	-.879958	.2772438
SDev	2.870488	.87192	2.568874	2.66167	1.095447	1.212456	.2359685
%RSD	84.84166	75.97713	455.6862	43.76489	35.09531	137.7857	85.11230
#1	1.353606	-.531066	1.252731	-7.96384	2.346751	-1.73729	.4440987
#2	5.413089	-1.76414	-2.38021	-4.19967	3.895947	-.022622	.1103888

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.3091036	12.66679	.0315265	.7063362
SDev	2.776067	4.78729	.0161884	.4367532
%RSD	898.1025	37.79403	51.34849	61.83361
#1	2.272079	16.05191	.0429734	1.015167
#2	-1.65387	9.281662	.0200796	.3975051

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 02/12/09 11:34:26
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.02375	383.1428	16.43926	32.53844	10.37388	10.53933	517.3826
SDev	.11869	6.3095	.24955	.48299	.10449	.03773	.3368
%RSD	1.184076	1.646785	1.518011	1.484378	1.007213	.3579846	.0650984
#1	10.10768	378.6813	16.26280	32.87997	10.30000	10.51265	517.1445
#2	9.939826	387.6043	16.61572	32.19691	10.44777	10.56601	517.6208

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.38379	10.37308	10.65757	10.28727	235.9157	361.6337	499.4110
SDev	.18917	.09656	.01194	.17233	6.9166	1.6714	.4630
%RSD	1.821807	.9308270	.1119891	1.675184	2.931788	.4621669	.0927055
#1	10.51756	10.30480	10.66601	10.16542	240.8065	362.8155	499.7384
#2	10.25003	10.44135	10.64913	10.40913	231.0250	360.4518	499.0836

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.56879	31.70728	464.8290	9.604738	8.879234	28.02096	30.58547
SDev	.01074	.83634	3.9057	1.291694	.904352	1.38226	.87067
%RSD	.1016617	2.637697	.8402406	13.44851	10.18502	4.932956	2.846666
#1	10.56120	32.29866	462.0672	8.691373	9.518707	27.04355	31.20112
#2	10.57639	31.11589	467.5907	10.51811	8.239760	28.99837	29.96981

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.18655	9.504585	8.566227	27.57159	28.91995	9.760267	31.53330
SDev	.88593	1.713936	.500167	2.58414	1.02525	.085392	.31721
%RSD	3.258695	18.03272	5.838826	9.372478	3.545122	.8748963	1.005944
#1	26.56011	10.71652	8.919899	25.74433	29.64491	9.820648	31.30900
#2	27.81300	8.292650	8.212556	29.39886	28.19499	9.699885	31.75760

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	34.61877	33.64944	10.43263	31.39347
SDev	2.21976	2.40893	.03243	.04176
%RSD	6.412026	7.158914	.3108208	.1330206
#1	33.04916	35.35281	10.40970	31.36394
#2	36.18838	31.94607	10.45556	31.42300

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 02/12/09 11:40:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.118937	419088.0	-3.09588	15.71299	1.158624	.0699458	424381.8
SDev	.067833	1684.4	3.35277	.01131	.018998	.0502087	12072.8
%RSD	57.03242	.4019297	108.2980	.0719627	1.639670	71.78237	2.844799
#1	-.166902	417896.9	-.725109	15.72099	1.145191	.0344428	415845.0
#2	-.070972	420279.1	-5.46664	15.70500	1.172057	.1054487	432918.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.05664	-2.99706	.8668625	.9412454	173143.3	30.72702	441395.1
SDev	.39900	1.05598	.5257603	.1263084	948.5	5.01398	5259.1
%RSD	13.05371	35.23387	60.65095	13.41928	.5478030	16.31784	1.191464
#1	-3.33878	-3.74375	.4950939	1.030559	172472.6	27.18160	437676.3
#2	-2.77450	-2.25037	1.238631	.8519319	173814.0	34.27244	445113.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.922075	-.864330	44.73735	-.118888	-.443279	-1.03168	1.013699
SDev	.043078	.793454	.88472	.358679	3.559393	4.18719	2.139144
%RSD	.4341644	91.79982	1.977580	301.6950	802.9691	405.8610	211.0237
#1	9.891615	-1.42539	45.36294	-.372513	-2.96015	1.929108	2.526302
#2	9.952537	-.303274	44.11176	.1347365	2.073592	-3.99247	-.498905

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.683920	5.201630	-3.26230	-1.11429	-.867317	1.724167	-12.5014
SDev	6.221482	4.024443	7.34563	9.98464	7.425269	.762027	1.9596
%RSD	71.64370	77.36888	225.1670	896.0556	856.1191	44.19681	15.67530
#1	13.08317	8.047340	-8.45644	5.945918	-6.11777	1.185333	-13.8870
#2	4.284668	2.355919	1.931841	-8.17449	4.383141	2.263001	-11.1157

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	56.85995	1.405069	1.359470	-4.31000
SDev	3.34197	3.038400	.221096	.01300
%RSD	5.877554	216.2455	16.26337	.3015404
#1	54.49682	3.553542	1.515808	-4.31919
#2	59.22308	-.743404	1.203132	-4.30081

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 02/12/09 11:45:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	212.8845	418685.6	97.76117	55.42173	475.5598	450.7165	424332.7
SDev	2.2307	2028.8	.68920	.28645	2.0280	6.5864	6717.1
%RSD	1.047827	.4845535	.7049849	.5168505	.4264428	1.461327	1.582973
#1	211.3072	417251.0	98.24850	55.21919	474.1258	446.0592	419583.0
#2	214.4618	420120.1	97.27383	55.62428	476.9938	455.3739	429082.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	908.6679	438.4858	452.4514	530.1158	173593.5	31.90882	440016.4
SDev	1.7390	5.1005	6.9521	2.7421	676.1	3.34267	4592.9
%RSD	.1913816	1.163217	1.536531	.5172582	.3894885	10.47570	1.043807
#1	907.4382	434.8792	447.5356	528.1769	173115.4	29.54519	436768.7
#2	909.8976	442.0925	457.3673	532.0548	174071.6	34.27244	443264.1

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	468.9536	-2.79012	106.7776	896.8810	46.18203	52.11551	559.2593
SDev	2.7207	1.54402	.6258	11.8358	2.36464	8.48622	26.7749
%RSD	.5801648	55.33880	.5860594	1.319667	5.120270	16.28348	4.787556
#1	467.0298	-1.69833	106.3351	888.5118	44.50997	58.11618	540.3266
#2	470.8775	-3.88191	107.2201	905.2502	47.85408	46.11485	578.1920

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.66300	53.24300	42.65598	57.47147	41.38651	453.3264	889.6665
SDev	1.84149	8.12217	7.60012	18.53380	11.63913	4.8312	15.5819
%RSD	1.885558	15.25491	17.81725	32.24870	28.12300	1.065725	1.751427
#1	98.96513	58.98624	37.28188	70.57685	33.15640	449.9102	878.6485
#2	96.36087	47.49976	48.03008	44.36609	49.61662	456.7426	900.6846

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	386.2239	4.100287	1.263032	-4.12328
SDev	2.5381	1.372281	.100517	.06707
%RSD	.6571466	33.46793	7.958355	1.626525
#1	384.4293	3.129938	1.334107	-4.07585
#2	388.0186	5.070637	1.191956	-4.17070

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/12/09 11:51:38
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.06238	4855.269	512.7494	491.0329	496.7273	499.6612	19092.55
SDev	.11329	2.132	6.1593	1.2910	2.6881	1.2070	50.01
%RSD	.2175954	.0439187	1.201231	.2629189	.5411704	.2415657	.2619555
#1	51.98227	4853.761	517.1047	490.1200	494.8265	498.8077	19127.92
#2	52.14248	4856.776	508.3941	491.9458	498.6281	500.5147	19057.19

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.8804	508.3628	511.0461	488.2282	5117.623	18994.04	18845.06
SDev	.8646	2.5956	1.2301	.2967	20.549	58.50	20.37
%RSD	.1722790	.5105820	.2407065	.0607692	.4015256	.3079729	.1080667
#1	502.4918	510.1982	511.9160	488.0184	5132.153	18952.68	18830.66
#2	501.2690	506.5275	510.1763	488.4380	5103.093	19035.41	18859.46

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	511.9435	502.0092	21403.51	497.8302	494.4901	492.4218	519.7214
SDev	1.6882	3.7314	53.82	3.4915	3.7718	1.7724	16.2151
%RSD	.3297723	.7432905	.2514422	.7013374	.7627621	.3599454	3.119963
#1	513.1373	499.3707	21365.46	495.3613	497.1571	493.6751	531.1873
#2	510.7497	504.6476	21441.56	500.2990	491.8230	491.1685	508.2556

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481.3400	490.0718	496.6952	491.6711	493.9244	498.9608	508.5212
SDev	2.5119	6.9507	2.1848	3.0280	.7423	1.9032	.0785
%RSD	.5218609	1.418294	.4398600	.6158527	.1502866	.3814323	.0154294
#1	479.5638	494.9866	498.2400	493.8122	493.3995	500.3066	508.4658
#2	483.1162	485.1569	495.1503	489.5300	494.4493	497.6150	508.5767

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	535.8818	485.0608	505.4590	495.1290
SDev	.4298	1.6057	.2848	.2048
%RSD	.0801989	.3310366	.0563538	.0413559
#1	536.1857	483.9254	505.2576	494.9842
#2	535.5779	486.1962	505.6605	495.2737

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/12/09 11:57:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.031583	1.057162	-2.08963	.3964269	.0436583	.1600875	2.262432
SDev	.135670	1.608962	1.32777	.1402147	.0189976	.0000222	1.010389
%RSD	429.5726	152.1963	63.54111	35.36961	43.51426	.0138548	44.65942
#1	.0643506	-.080546	-1.15075	.4955737	.0570916	.1601032	2.976885
#2	-.127516	2.194870	-3.02851	.2972802	.0302250	.1600718	1.547979

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.050968	.3552898	.1520107	.3637708	17.76327	3.545370	3.928968
SDev	.073813	.2616535	.1791961	.0004503	5.26595	3.342672	1.852477
%RSD	144.8219	73.64510	117.8839	.1237801	29.64514	94.28274	47.14920
#1	-.103162	.1702728	.2787214	.3634524	21.48685	5.908996	5.238867
#2	.0012255	.5403068	.0252999	.3640892	14.03968	1.181744	2.619069

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.045617	3.108557	2.456586	.0979048	-.715039	.3971573	7.855411
SDev	.032283	1.179458	.819982	.7422776	.145291	1.424103	2.164076
%RSD	70.76804	37.94231	33.37894	758.1627	20.31937	358.5741	27.54886
#1	-.022790	3.942560	3.036401	.6227744	-.612302	-.609836	9.385643
#2	-.068445	2.274554	1.876771	-.426965	-.817776	1.404151	6.325178

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.718769	.3127729	-1.22882	.1092312	.9728731	-.003773	.2219816
SDev	.476766	.9726564	.26784	3.933776	3.602778	.293478	.1579598
%RSD	66.33087	310.9785	21.79657	3601.329	370.3236	7778.265	71.15896
#1	-1.05589	1.000545	-1.41822	-2.67237	3.520422	.2037474	.3336761
#2	-.381645	-.374999	-1.03943	2.890831	-1.57468	-.211294	.1102872

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.87802	5.219947	.0200196	.3947706
SDev	.63731	3.644525	.0080871	.2240646
%RSD	33.93533	69.81920	40.39608	56.75817
#1	-2.32867	7.797015	.0257380	.5532082
#2	-1.42737	2.642879	.0143011	.2363330

Method: STL3 Sample Name: MB 220-24199/1-A Operator: NP
Run Time: 02/12/09 12:03:05
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0320998	L-14.9373	-3.65343	-.043571	-.003358	.1156175	L-20.0047
SDev	.0451104	.6141	.75893	.080048	.028496	.0125133	.8420
%RSD	140.5320	4.110875	20.77298	183.7181	848.5281	10.82298	4.208968
#1	.0639976	L-15.3715	-3.11679	.0130314	.0167917	.1244657	L-19.4093
#2	.0002019	L-14.5031	-4.19007	-.100174	-.023508	.1067693	L-20.6000

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.480578	.2350261	-.380102	.2185029	8.000000	12.99987	1.472791
SDev	.089706	.4274315	.071833	.2062717	.795168	3.34267	1.620669
%RSD	18.66626	181.8655	18.89829	94.40229	9.939597	25.71311	110.0406
#1	-.544010	.5372658	-.329309	.0726467	8.562268	10.63625	2.618777
#2	-.417146	-.067214	-.430896	.3643590	7.437731	15.36350	.3268055

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.106442	1.364732	15.36511	.1379376	-.151308	2.015656	-1.78654
SDev	.010686	.257336	2.67573	.0694644	.851929	.437097	1.47959
%RSD	10.03890	18.85619	17.41433	50.35929	563.0435	21.68512	82.81865
#1	-.113998	1.182768	17.25714	.1870563	.4510971	2.324731	-.740314
#2	-.098886	1.546696	13.47308	.0888188	-.753713	1.706582	-2.83277

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.265854	3.717850	-2.08369	4.513508	-2.98855	-.021955	.4468354
SDev	3.211947	4.535332	.98715	.752132	.19392	.738577	.0001551
%RSD	60.99575	121.9880	47.37530	16.66402	6.488687	3364.049	.0347109
#1	7.537044	6.924814	-2.78171	5.045346	-3.12567	.5002981	.4469451
#2	2.994664	.5108857	-1.38566	3.981671	-2.85143	-.544208	.4467257

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.3394989	4.913883	-.180184	.2712059
SDev	1.481312	.679519	.000018	.0721254
%RSD	436.3229	13.82856	.0098125	26.59432
#1	1.386944	5.394376	-.180196	.3222062
#2	-.707947	4.433390	-.180171	.2202056

Method: STL3 Sample Name: LCS 220-24199/2-A Operator: NP
Run Time: 02/12/09 12:08:49
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	320.3140	6016.592	1052.487	1100.562	310.7497	108.8118	31601.42
SDev	1.7391	15.911	7.107	4.234	1.5008	.2883	13.64
%RSD	.5429324	.2644568	.6752147	.3847448	.4829646	.2649608	.0431695
#1	321.5437	6005.341	1057.512	1097.568	309.6884	108.6080	31611.07
#2	319.0842	6027.843	1047.461	1103.556	311.8109	109.0157	31591.78

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.2909	315.2994	319.4468	307.7460	25879.44	20543.40	15641.95
SDev	1.5487	1.3643	.4056	.4915	78.43	90.25	34.95
%RSD	.4943313	.4327138	.1269770	.1597196	.3030570	.4393208	.2234597
#1	314.3860	316.2642	319.7336	307.3984	25934.90	20479.58	15617.23
#2	312.1958	314.3347	319.1600	308.0935	25823.98	20607.21	15666.66

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	213.5768	1086.145	33254.89	317.8287	1043.257	546.9049	1104.062
SDev	1.3010	4.589	135.45	2.3288	4.441	1.2910	.392
%RSD	.6091478	.4225142	.4073073	.7327231	.4256773	.2360629	.0355489
#1	214.4967	1082.900	33159.12	316.1820	1046.398	547.8178	1103.784
#2	212.6569	1089.390	33350.67	319.4754	1040.117	545.9919	1104.339

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1013.119	1041.752	1044.008	546.1381	548.4393	314.4568	319.2782
SDev	1.731	4.241	4.541	1.1011	1.6715	.0523	.5559
%RSD	.1708581	.4071108	.4349371	.2016156	.3047704	.0166344	.1741254
#1	1014.343	1044.751	1047.219	546.9167	549.6213	314.4938	318.8851
#2	1011.895	1038.754	1040.797	545.3595	547.2574	314.4199	319.6713

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	911.9810	1093.014	-.689430	1088.016
SDev	2.8393	3.669	.000286	3.533
%RSD	.3113383	.3357071	.0415520	.3247143
#1	909.9733	1090.419	-.689633	1090.514
#2	913.9887	1095.608	-.689228	1085.518

Method: STL3 Sample Name: 220-7956-A-2-A Operator: NP
Run Time: 02/12/09 12:14:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1622065	40584.88	17.08752	20.85653	115.6072	1.386384	1797.681
SDev	.0281102	154.05	.90824	1.02934	.4417	.077346	21.555
%RSD	17.32988	.3795812	5.315223	4.935346	.3820688	5.578995	1.199041
#1	.1423296	40475.95	16.44530	21.58439	115.2948	1.331692	1782.440
#2	.1820834	40693.82	17.72974	20.12868	115.9195	1.441076	1812.923

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	161.9706	9.271534	599.6295	57.07726	59748.06	1149.901	6160.261
SDev	.6580	.261923	7.2850	.35679	427.65	10.028	42.154
%RSD	.4062620	2.825021	1.214910	.6251006	.7157516	.8720697	.6842947
#1	161.5053	9.086327	594.4783	56.82497	59445.67	1142.810	6130.453
#2	162.4359	9.456741	604.7808	57.32954	60050.45	1156.992	6190.068

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	281.4949	9.992872	105.9079	25.55688	32.55878	5.141277	1.661056
SDev	2.3763	3.152371	1.5968	.85152	.17288	.686358	.076560
%RSD	.8441715	31.54619	1.507731	3.331852	.5309667	13.34996	4.609143
#1	279.8146	12.22194	107.0370	26.15900	32.43653	4.655949	1.606919
#2	283.1752	7.763810	104.7788	24.95477	32.68102	5.626606	1.715192

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.252714	33.68170	31.99736	4.180279	7.065058	82.11749	93.44412
SDev	2.677476	.61985	.56865	1.109940	.162219	.80303	1.16886
%RSD	42.82102	1.840321	1.777172	26.55182	2.296072	.9778992	1.250863
#1	8.145975	34.12000	31.59526	3.395433	7.179764	81.54966	92.61762
#2	4.359452	33.24340	32.39945	4.965126	6.950352	82.68531	94.27063

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2293.944	8.597592	26.96396	962.1292
SDev	24.046	3.192966	.14550	8.7114
%RSD	1.048251	37.13791	.5396004	.9054326
#1	2276.941	10.85536	26.86108	955.9693
#2	2310.947	6.339825	27.06685	968.2891

Method: STL3 Sample Name: 220-7956-A-3-A Operator: NP
Run Time: 02/12/09 12:20:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0364842	18693.57	6.555030	3.931252	41.47874	1.051473	540.6024
SDev	.1357114	42.85	2.272045	.230556	.09499	.049753	4.5467
%RSD	371.9728	.2292402	34.66109	5.864703	.2290127	4.731729	.8410497
#1	-.059478	18723.87	4.948452	3.768224	41.54591	1.086653	537.3873
#2	.1324467	18663.26	8.161608	4.094280	41.41157	1.016292	543.8174

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	220.1671	10.59689	30.22373	13.10725	34399.70	658.2678	2410.257
SDev	.9226	.55256	.29800	.01160	105.02	3.3427	14.831
%RSD	.4190241	5.214320	.9859908	.0884710	.3052909	.5078093	.6153190
#1	219.5148	10.20618	30.01301	13.09905	34325.44	655.9042	2399.771
#2	220.8195	10.98761	30.43445	13.11544	34473.96	660.6315	2420.744

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	253.3454	3.169211	40.49554	14.23303	11.75754	3.467533	.0713961
SDev	1.9677	.364560	.53946	.95984	.73282	.191035	.5568153
%RSD	.7766688	11.50317	1.332155	6.743727	6.232745	5.509239	779.8961
#1	251.9541	3.426994	40.87700	13.55432	11.23936	3.332451	.4651240
#2	254.7368	2.911429	40.11408	14.91174	12.27572	3.602614	-.322332

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.684081	13.28643	10.99335	3.777057	2.846354	39.99124	32.47303
SDev	3.786924	.54818	.82500	.846090	2.268399	.35218	.55036
%RSD	66.62334	4.125881	7.504513	22.40078	79.69490	.8806304	1.694808
#1	3.006321	12.89880	10.40999	4.375333	1.242353	39.74221	32.08387
#2	8.361840	13.67405	11.57671	3.178781	4.450354	40.24027	32.86219

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2179.104	4.814488	12.34425	647.0703
SDev	6.993	.406470	.01207	2.4535
%RSD	.3208975	8.442647	.0977525	.3791721
#1	2174.160	4.527070	12.33571	645.3355
#2	2184.049	5.101906	12.35278	648.8052

Method: STL3 Sample Name: 220-7956-A-4-A Operator: NP
Run Time: 02/12/09 12:26:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2419442	9115.538	7.729382	1.153424	13.63818	.8813952	161.8235
SDev	.0114901	69.196	.183052	.256599	.08549	.0132291	1.6840
%RSD	4.749086	.7590955	2.368260	22.24672	.6268282	1.500931	1.040625
#1	.2338194	9066.609	7.858820	.9719808	13.57773	.8720408	160.6327
#2	.2500689	9164.467	7.599945	1.334866	13.69863	.8907496	163.0142

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.38431	6.659937	19.99704	8.856255	38548.81	356.9064	1077.249
SDev	.16365	.039803	.06055	.034304	269.01	1.6713	8.574
%RSD	1.575895	.5976555	.3027805	.3873439	.6978497	.4682823	.7959577
#1	10.50002	6.688083	20.03986	8.831998	38358.58	355.7246	1071.186
#2	10.26859	6.631792	19.95423	8.880511	38739.02	358.0883	1083.312

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	226.6422	1.668006	41.48733	6.237158	5.581124	1.534226	.0614948
SDev	1.1934	.042889	.86314	1.168918	.659185	.871060	.9353505
%RSD	.5265398	2.571292	2.080485	18.74120	11.81097	56.77519	1521.024
#1	225.7984	1.698333	40.87700	7.063708	6.047238	.9182940	.7228875
#2	227.4860	1.637679	42.09766	5.410608	5.115010	2.150159	-.599898

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.085069	6.090270	5.326133	.8863794	2.830765	17.21452	25.60617
SDev	1.171316	1.321061	1.647824	.7004824	1.212869	1.20600	.06320
%RSD	23.03442	21.69133	30.93847	79.02737	42.84598	7.005731	.2468104
#1	4.256824	5.156139	6.491320	.3910636	1.973137	18.06729	25.56149
#2	5.913315	7.024402	4.160945	1.381695	3.688393	16.36174	25.65086

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1527.579	2.309273	2.281384	322.8113
SDev	3.563	2.478755	.016182	2.3395
%RSD	.2332324	107.3392	.7092854	.7247359
#1	1525.060	.5565284	2.269942	321.1570
#2	1530.098	4.062017	2.292826	324.4656

Method: STL3 Sample Name: 220-7956-A-5-A Operator: NP
Run Time: 02/12/09 12:31:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3214663	8617.131	8.910712	.7569033	13.44340	.8384360	108.4777
SDev	.2315303	15.449	.893165	.5090272	.05699	.0125867	.0000
%RSD	72.02320	.1792781	10.02350	67.25129	.4239453	1.501211	.0000000
#1	.4851830	8606.207	8.279149	1.116840	13.48370	.8295358	108.4777
#2	.1577496	8628.055	9.542275	.3969667	13.40310	.8473361	108.4777

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.896624	4.158647	97.51414	12.92782	31130.84	395.9061	1053.624
SDev	.386884	.035021	.38204	.21815	148.45	.0000	.468
%RSD	9.928700	.8421167	.3917824	1.687437	.4768660	.0000000	.0444190
#1	4.170193	4.133883	97.24400	13.08207	31235.81	395.9061	1053.955
#2	3.623056	4.183410	97.78429	12.77356	31025.86	395.9061	1053.293

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	193.3349	1.865134	23.31469	7.211806	13.28021	1.366701	-.376370
SDev	.7743	.150113	.28052	.547017	2.02549	4.322301	1.218871
%RSD	.4004991	8.048372	1.203190	7.585023	15.25190	316.2580	323.8493
#1	193.8824	1.758988	23.51305	7.598606	11.84798	-1.68963	.4855023
#2	192.7874	1.971280	23.11633	6.825007	14.71245	4.423029	-1.23824

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.091094	14.72499	12.55811	.3864255	3.329193	25.26480	38.94127
SDev	1.523510	.67359	2.70042	6.822889	.686386	1.76004	.07188
%RSD	25.01209	4.574491	21.50338	1765.641	20.61719	6.966384	.1845864
#1	5.013810	14.24869	10.64862	-4.43809	3.814541	26.50934	38.99209
#2	7.168378	15.20130	14.46759	5.210936	2.843844	24.02026	38.89044

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1132.100	5.035278	1.637490	371.4108
SDev	1.300	.899387	.012162	.6951
%RSD	.1148018	17.86172	.7427515	.1871595
#1	1133.019	5.671241	1.646090	371.9023
#2	1131.181	4.399316	1.628890	370.9192

Method: STL3 Sample Name: 220-7956-A-6-A Operator: NP
Run Time: 02/12/09 12:37:27
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2357672	7351.181	4.289727	.9686168	18.44395	.8505605	110.3829
SDev	.0449621	43.134	3.871143	.0669359	.03325	.0505174	.6736
%RSD	19.07053	.5867609	90.24219	6.910466	.1802584	5.939304	.6102343
#1	.2675601	7320.681	1.552415	1.015948	18.46746	.8148394	109.9066
#2	.2039742	7381.681	7.027038	.9212860	18.42044	.8862817	110.8592

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.073883	6.685960	27.73633	8.710033	17970.00	387.6335	1330.100
SDev	.085298	.258854	.26201	.103339	63.84	1.6713	4.878
%RSD	1.681122	3.871608	.9446521	1.186440	.3552657	.4311567	.3667408
#1	5.134198	6.502923	27.55106	8.636962	17924.85	386.4517	1326.650
#2	5.013568	6.868998	27.92160	8.783106	18015.14	388.8153	1333.549

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	441.9772	2.138080	22.13980	7.591456	4.558262	3.145722	-1.73786
SDev	2.4730	.364560	.30210	.399695	.593871	1.801456	1.13034
%RSD	.5595352	17.05080	1.364507	5.265060	13.02845	57.26684	65.04197
#1	440.2285	2.395863	21.92618	7.308830	4.138331	4.419544	-2.53714
#2	443.7259	1.880297	22.35342	7.874084	4.978192	1.871901	-.938593

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.030231	5.578199	4.048258	4.386970	.6584992	15.46612	36.63522
SDev	.363937	.680968	1.230335	1.503003	2.399257	.65968	.54964
%RSD	17.92589	12.20766	30.39171	34.26062	364.3523	4.265340	1.500293
#1	1.772888	6.059716	3.178280	5.449753	2.355030	14.99965	36.24656
#2	2.287573	5.096683	4.918236	3.324186	-1.03803	15.93258	37.02387

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1354.609	1.154780	1.944190	303.9266
SDev	3.961	.651359	.008094	1.3102
%RSD	.2923764	56.40547	.4163241	.4310986
#1	1351.809	.6941997	1.938467	303.0002
#2	1357.410	1.615361	1.949914	304.8531

Method: STL3 Sample Name: 220-7956-A-7-A Operator: NP
Run Time: 02/12/09 12:43:11
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.387878	18044.99	53.57409	51.17142	93.91571	1.031378	815.7856
SDev	.209019	73.06	.16981	.59860	.13298	.012764	8.7567
%RSD	8.753338	.4048685	.3169667	1.169791	.1415969	1.237535	1.073408
#1	2.535677	17993.33	53.45402	50.74815	93.82168	1.040404	809.5937
#2	2.240079	18096.65	53.69417	51.59470	94.00974	1.022353	821.9775

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	163.1057	5.425343	2280.500	73.50577	57503.79	844.9938	3824.180
SDev	.2050	.400234	16.316	.10340	214.23	6.6853	15.282
%RSD	.1257000	7.377118	.7154468	.1406647	.3725467	.7911627	.3996250
#1	162.9608	5.708351	2268.963	73.43265	57352.31	840.2665	3813.374
#2	163.2507	5.142334	2292.037	73.57888	57655.27	849.7210	3834.987

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	260.2751	9.674435	79.03801	33.16043	175.1037	8.257530	1.520145
SDev	.1721	.214447	.71210	.54077	.7883	2.023076	1.846983
%RSD	.0661366	2.216638	.9009550	1.630774	.4502079	24.49977	121.5005
#1	260.1534	9.826072	78.53449	33.54282	174.5463	6.826999	2.826160
#2	260.3968	9.522798	79.54154	32.77805	175.6612	9.688061	.2141304

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.873618	176.0142	174.6484	8.208485	8.354667	78.90334	166.9178
SDev	2.168904	.3279	1.0182	1.664724	2.740998	1.01732	1.1111
%RSD	55.99168	.1863139	.5829895	20.28052	32.80798	1.289329	.6656646
#1	2.339971	175.7823	173.9284	7.031347	6.416489	78.18398	166.1321
#2	5.407265	176.2461	175.3683	9.385622	10.29284	79.62269	167.7034

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2075.972	14.58287	16.56116	1001.732
SDev	4.905	.62147	.00829	.397
%RSD	.2362599	4.261634	.0500678	.0396758
#1	2072.504	14.14342	16.56702	1002.013
#2	2079.440	15.02231	16.55529	1001.451

Method: STL3 Sample Name: 220-7956-A-8-A Operator: NP
Run Time: 02/12/09 12:48:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2305332	8310.473	23.86814	1.336962	72.64404	.6739719	1152.293
SDev	.1601771	19.508	.16866	1.102324	.07600	.0636739	21.218
%RSD	69.48115	.2347349	.7066387	82.44991	.1046149	9.447553	1.841383
#1	.1172709	8324.267	23.74888	2.116422	72.69778	.7189962	1167.296
#2	.3437956	8296.679	23.98741	.5575011	72.59031	.6289477	1137.289

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.60387	9.171595	121.9274	35.89980	33710.57	395.9062	1405.566
SDev	.13764	.343889	2.0197	.11517	462.54	13.3706	5.297
%RSD	8.581773	3.749496	1.656507	.3207969	1.372097	3.377224	.3768342
#1	-1.50654	8.928429	123.3556	35.98123	34037.64	405.3606	1409.312
#2	-1.70119	9.414761	120.4993	35.81836	33383.50	386.4517	1401.821

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1975.599	4.564271	33.75137	9.776506	26.87393	1.739191	-1.08919
SDev	31.708	1.050790	.62577	.668441	.19667	.934372	.84852
%RSD	1.604978	23.02209	1.854065	6.837217	.7318346	53.72451	77.90402
#1	1998.020	3.821250	34.19385	10.24917	26.73486	2.399892	-.489194
#2	1953.178	5.307292	33.30888	9.303847	27.01300	1.078490	-1.68919

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7248683	24.26541	28.17533	-.186178	5.594611	22.13373	20.55370
SDev	.4279308	2.85068	1.71806	1.528117	.255042	.74875	.26148
%RSD	59.03566	11.74793	6.097762	820.7812	4.558715	3.382824	1.272182
#1	1.027461	26.28114	26.96048	.8943634	5.414269	22.66318	20.36880
#2	.4222755	22.24967	29.39019	-1.26672	5.774953	21.60429	20.73859

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2009.083	2.682074	13.70170	350.6243
SDev	20.919	1.159693	.08469	3.8966
%RSD	1.041197	43.23865	.6181051	1.111319
#1	2023.875	1.862048	13.76158	353.3796
#2	1994.292	3.502101	13.64181	347.8691

Method: STL3 Sample Name: 220-7956-A-9-A Operator: NP
Run Time: 02/12/09 12:54:38
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5505494	3384.923	61.20708	5.574214	13.54750	.7945227	72.99322
SDev	.0169898	25.112	1.08534	.642796	.12823	.0879682	1.01039
%RSD	3.085968	.7418769	1.773220	11.53160	.9465480	11.07183	1.384226
#1	.5625629	3367.166	61.97453	5.119688	13.45683	.8567256	72.27877
#2	.5385358	3402.679	60.43963	6.028740	13.63818	.7323198	73.70768

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.57778	3.210700	602.0476	19.65654	47344.24	321.4522	591.2930
SDev	.36025	.299868	3.2250	.05755	215.92	5.0140	4.4008
%RSD	1.939135	9.339639	.5356663	.2927933	.4560733	1.559793	.7442700
#1	18.83252	3.422738	599.7672	19.61585	47191.56	317.9067	588.1812
#2	18.32305	2.998661	604.3280	19.69724	47496.92	324.9976	594.4049

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	169.6063	4.079033	28.07528	5.560910	41.82496	2.776721	-1.86603
SDev	.2689	.278781	.15105	.209112	.17867	.143976	.00117
%RSD	.1585299	6.834488	.5380091	3.760387	.4271922	5.185125	.0628353
#1	169.4162	4.276161	27.96847	5.708775	41.95130	2.878528	-1.86686
#2	169.7964	3.881905	28.18209	5.413046	41.69862	2.674915	-1.86520

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.046018	42.64397	41.41528	1.429444	5.474122	24.01511	30.45660
SDev	.005799	.15121	.34337	.418693	.406281	.81198	.00830
%RSD	.5544272	.3545825	.8290790	29.29061	7.421843	3.381133	.0272427
#1	1.050118	42.53704	41.65807	1.725504	5.186838	23.44096	30.46247
#2	1.041917	42.75088	41.17248	1.133383	5.761406	24.58927	30.45074

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1276.849	3.193944	1.947842	257.2329
SDev	5.798	1.601034	.012141	.4629
%RSD	.4540651	50.12719	.6233218	.1799350
#1	1272.749	4.326046	1.939257	256.9056
#2	1280.948	2.061841	1.956428	257.5602

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 02/12/09 13:00:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.96207	4863.700	509.9274	494.7834	502.5909	502.8608	19067.54
SDev	.23188	3.176	5.2875	1.3085	1.6813	.6032	31.49
%RSD	.4462417	.0653024	1.036918	.2644629	.3345263	.1199543	.1651556
#1	51.79812	4861.455	506.1885	493.8581	503.7798	502.4342	19045.28
#2	52.12604	4865.946	513.6662	495.7086	501.4021	503.2873	19089.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.7650	499.3498	509.0627	488.1720	5086.359	18990.50	18952.60
SDev	1.7730	.5360	2.3652	.4947	15.538	.00	21.99
%RSD	.3526434	.1073320	.4646244	.1013378	.3054915	.0000000	.1160229
#1	504.0187	498.9708	507.3903	488.5218	5097.347	18990.50	18937.06
#2	501.5113	499.7288	510.7352	487.8222	5075.372	18990.50	18968.15

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.4117	500.7203	21394.10	505.0830	492.1819	494.4103	493.7980
SDev	.9246	4.1817	1.36	.0674	3.0492	2.4111	6.2287
%RSD	.1814957	.8351372	.0063521	.0133470	.6195365	.4876646	1.261378
#1	510.0655	497.7633	21395.06	505.1307	490.0258	492.7054	489.3937
#2	508.7580	503.6771	21393.13	505.0353	494.3381	496.1151	498.2024

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478.9479	490.3107	493.1154	494.4392	494.3512	498.5865	508.8585
SDev	.5503	1.7519	3.6969	4.1648	1.1019	1.1179	2.6128
%RSD	.1148913	.3573097	.7497122	.8423377	.2229022	.2242071	.5134646
#1	479.3370	489.0719	490.5013	491.4942	495.1304	497.7960	507.0109
#2	478.5588	491.5495	495.7296	497.3842	493.5720	499.3770	510.7060

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	528.4141	488.4209	505.1242	493.2397
SDev	1.2806	5.0641	.5398	.2929
%RSD	.2423388	1.036826	.1068697	.0593817
#1	527.5085	484.8401	505.5059	493.4468
#2	529.3195	492.0017	504.7425	493.0326

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 02/12/09 13:06:05
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0522894	-16.4199	-2.29793	.3117108	.0470166	.3290278	.9526035
SDev	.0958342	1.0783	.01550	.5422634	.0047494	.0123746	.1683985
%RSD	183.2766	6.567314	.6745815	173.9636	10.10152	3.760975	17.67771
#1	-.015476	-17.1824	-2.30890	.6951489	.0503750	.3202776	1.071679
#2	.1200544	-15.6574	-2.28697	-.071727	.0436583	.3377780	.8335277

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.152287	.5412937	.0083365	.7286796	10.91237	14.18167	1.473132
SDev	.186411	.3965848	.3347917	.2174144	8.83212	1.67136	.231671
%RSD	122.4077	73.26610	4015.999	29.83677	80.93683	11.78535	15.72642
#1	-.284099	.8217215	-.228397	.8824148	17.15762	15.36350	1.636948
#2	-.020474	.2608659	.2450699	.5749444	4.667112	12.99984	1.309316

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.053253	3.047902	.9917893	-.176551	.2251698	-1.09353	5.151905
SDev	.021388	.922122	.1726285	.286453	1.451646	.39937	3.164865
%RSD	40.16241	30.25432	17.40576	162.2489	644.6894	36.52112	61.43097
#1	-.038129	3.699940	1.113856	.0260012	1.251638	-1.37593	7.389803
#2	-.068376	2.395863	.8697225	-.379104	-.801299	-.811136	2.914008

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7270815	-.836781	.7545994	-3.69540	4.116916	-.365834	-.113032
SDev	.7522355	1.123449	1.615428	1.09903	1.002187	1.294152	.159256
%RSD	103.4596	134.2585	214.0775	29.74043	24.34315	353.7538	140.8948
#1	1.258992	-.042382	1.896879	-4.47253	4.825570	-1.28094	-.225643
#2	.1951706	-1.63118	-.387680	-2.91827	3.408263	.5492694	-.000421

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.2889202	6.093396	.0257805	.4726959
SDev	2.113580	2.408323	.0081048	.2962847
%RSD	731.5446	39.52349	31.43769	62.67976
#1	1.783447	4.390455	.0315115	.6822008
#2	-1.20561	7.796337	.0200496	.2631910

Method: STL3 Sample Name: 220-7956-A-10-A Operator: NP
Run Time: 02/12/09 13:11:49
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3563322	2636.320	11.48472	1.142281	13.15122	.5104113	123.3621
SDev	.0732702	8.899	1.58552	.024295	.09974	.0001002	1.5156
%RSD	20.56234	.3375636	13.80546	2.126896	.7583907	.0196279	1.228572
#1	.4081421	2630.027	12.60586	1.159460	13.08070	.5103404	122.2904
#2	.3045224	2642.613	10.36359	1.125102	13.22175	.5104821	124.4338

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.91997	2.147876	163.1542	9.495483	13929.88	245.8164	582.3809
SDev	.20004	.361830	.5373	.389764	38.40	5.0140	3.9413
%RSD	.3928499	16.84594	.3293338	4.104730	.2756558	2.039729	.6767580
#1	50.77852	1.892023	162.7742	9.219878	13902.73	249.3618	579.5939
#2	51.06142	2.403728	163.5341	9.771088	13957.03	242.2709	585.1678

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	209.6337	2.683973	18.50832	9.011946	18.54989	.1594481	-2.03134
SDev	.8172	.621896	.25894	.103265	.03469	.1579812	.14135
%RSD	.3898245	23.17073	1.399058	1.145870	.1870086	99.08000	6.958579
#1	209.0559	2.244226	18.69142	8.938927	18.52536	.0477385	-2.13129
#2	210.2116	3.123720	18.32522	9.084966	18.57442	.2711577	-1.93139

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.274321	21.08783	17.28202	-.192735	.8637714	7.584598	35.84872
SDev	1.720134	2.38515	1.24280	1.291260	3.060957	.491582	.15634
%RSD	627.0525	11.31054	7.191259	669.9654	354.3712	6.481324	.4360987
#1	-1.49064	22.77438	16.40324	.7203233	-1.30065	7.236996	35.73817
#2	.9419980	19.40128	18.16081	-1.10579	3.028195	7.932199	35.95926

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1225.158	4.653177	3.474751	135.5691
SDev	2.183	1.357303	.016185	.6494
%RSD	.1781418	29.16939	.4657809	.4789808
#1	1223.615	5.612935	3.463306	135.1099
#2	1226.702	3.693419	3.486195	136.0283

Method: STL3 Sample Name: 220-7956-A-11-A Operator: NP
Run Time: 02/12/09 13:17:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.022533	12335.50	3.661144	1.862959	28.37789	1.013570	256.4884
SDev	.079188	11.91	2.296257	.001344	.01425	.024790	.8420
%RSD	351.4280	.0965813	62.71964	.0721422	.0502069	2.445853	.3282751
#1	.0334612	12327.07	2.037446	1.863910	28.38797	.9960409	257.0838
#2	-.078528	12343.92	5.284843	1.862009	28.36782	1.031100	255.8930

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.85329	9.255506	38.24577	14.07187	27155.48	469.1783	1821.417
SDev	.14291	.170873	.01258	.04620	11.88	3.3427	.937
%RSD	.4100354	1.846174	.0328872	.3283027	.0437479	.7124495	.0514701
#1	34.95435	9.134681	38.23688	14.10454	27147.08	471.5420	1822.080
#2	34.75224	9.376331	38.25467	14.03921	27163.88	466.8147	1820.754

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.5676	1.273750	32.40864	10.09404	6.607520	3.804291	-.287128
SDev	1.7848	.686230	.19420	.17217	1.775170	.124217	.227307
%RSD	.3623535	53.87482	.5992371	1.705629	26.86590	3.265178	79.16582
#1	493.8297	.7885117	32.54596	9.972298	7.862754	3.716456	-.447858
#2	491.3055	1.758988	32.27131	10.21578	5.352285	3.892126	-.126397

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.858542	6.324558	6.747990	3.501340	4.409902	28.37450	25.79422
SDev	1.157159	2.455660	1.435434	.328486	.284653	.14606	.15923
%RSD	40.48075	38.82738	21.27203	9.381736	6.454862	.5147583	.6172988
#1	3.676777	8.060972	7.762995	3.269065	4.611182	28.47778	25.90681
#2	2.040307	4.588144	5.732984	3.733615	4.208622	28.27122	25.68163

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2086.084	2.114612	6.573755	554.5200
SDev	6.265	1.576652	.000018	1.5877
%RSD	.3003254	74.55989	.0002667	.2863138
#1	2090.514	3.229473	6.573742	555.6426
#2	2081.654	.9997501	6.573767	553.3973

Method: STL3 Sample Name: 220-7956-A-12-A Operator: NP
Run Time: 02/12/09 13:23:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.002806	49959.81	2.888926	5.765941	152.0115	1.484396	879.1337
SDev	.005740	124.02	.095247	.287193	.3087	.035765	4.7151
%RSD	204.5901	.2482394	3.296987	4.980853	.2030846	2.409373	.5363392
#1	-.006864	49872.11	2.821575	5.562864	152.2298	1.509685	875.7996
#2	.0012532	50047.50	2.956276	5.969017	151.7932	1.459106	882.4678

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	181.8945	10.97400	89.38113	30.73967	31460.31	1499.716	7511.962
SDev	.6380	.02754	.64406	.05690	150.67	.000	26.408
%RSD	.3507644	.2509607	.7205808	.1850905	.4789176	.0000000	.3515471
#1	181.4433	10.99348	88.92570	30.77990	31353.78	1499.716	7493.289
#2	182.3456	10.95453	89.83655	30.69944	31566.85	1499.716	7530.636

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	236.0205	1.577024	90.48174	29.06814	26.73163	1.249748	.8245121
SDev	2.0860	.986456	.06474	.27073	1.65652	3.628336	2.398722
%RSD	.8838059	62.55175	.0715477	.9313719	6.196836	290.3255	290.9263
#1	234.5455	2.274554	90.43596	28.87670	25.56030	3.815368	-.871641
#2	237.4955	.8794941	90.52751	29.25958	27.90296	-1.31587	2.520665

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.521172	27.54221	26.32619	.2865644	3.177905	61.62738	104.5375
SDev	4.278674	.40657	2.68644	4.605359	1.671498	.70183	1.8886
%RSD	77.49576	1.476188	10.20445	1607.094	52.59748	1.138825	1.806634
#1	2.495693	27.82970	24.42659	3.543045	4.359833	61.13112	103.2021
#2	8.546652	27.25472	28.22580	-2.96992	1.995977	62.12365	105.8730

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2737.712	4.940915	21.13226	1340.713
SDev	23.654	2.422210	.06882	8.769
%RSD	.8639959	49.02351	.3256764	.6540877
#1	2720.987	3.228154	21.08359	1334.512
#2	2754.438	6.653677	21.18092	1346.914

Method: STL3 Sample Name: MB 220-24232/1-A Operator: NP
Run Time: 02/12/09 13:29:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0321167	L-19.2411	-1.81298	-.357547	.0067167	.3558845	L-16.0752
SDev	.2596585	.9249	1.17609	.079230	.0142482	.0254062	.3368
%RSD	808.4849	4.806715	64.87053	22.15920	212.1320	7.138903	2.095133
#1	-.151490	L-18.5871	-.981357	-.301524	.0167917	.3738494	L-15.8370
#2	.2157230	L-19.8951	-2.64459	-.413571	-.003358	.3379196	L-16.3133

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.121901	-.187003	-.329603	.6887977	18.59058	1.181777	1.145304
SDev	.115302	.230899	.215311	.0455019	13.02048	3.342672	1.620461
%RSD	94.58706	123.4738	65.32426	6.605990	70.03807	282.8513	141.4874
#1	-.040370	-.350273	-.481851	.7209724	27.79745	-1.18185	2.291142
#2	-.203432	-.023732	-.177355	.6566230	9.383707	3.545403	-.000535

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.114111	1.182768	2.899077	.5488784	-.258664	2.322799	-1.80427
SDev	.043127	.557562	.064737	.6734851	.589104	1.029668	.23376
%RSD	37.79400	47.14047	2.233005	122.7021	227.7484	44.32874	12.95618
#1	-.144607	1.577024	2.853302	1.025104	.1578950	3.050884	-1.96956
#2	-.083616	.7885117	2.944853	.0726525	-.675224	1.594714	-1.63897

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.280070	-.977713	.0997216	3.082053	.8009092	-.765244	.0549847
SDev	.135852	1.203269	.2824813	1.273107	.5419158	1.323652	.0800669
%RSD	2.163226	123.0697	283.2700	41.30710	67.66258	172.9712	145.6168
#1	6.184009	-.126873	.2994660	3.982276	1.184102	-1.70121	-.001631
#2	6.376132	-1.82855	-.100023	2.181831	.4177169	.1707193	.1116006

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1.276409	1.770534	-.171666	1.133354
SDev	1.756002	.060824	.004061	.577326
%RSD	137.5736	3.435336	2.365778	50.93960
#1	2.518090	1.727525	-.174538	1.541586
#2	.0347282	1.813543	-.168794	.7251232

Method: STL3 Sample Name: LCS 220-24232/2-A Operator: NP
Run Time: 02/12/09 13:34:45
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	324.2173	6029.737	1065.617	1124.945	314.1685	111.0535	31829.21
SDev	.7616	17.405	4.126	8.215	.1615	.5405	213.86
%RSD	.2348891	.2886569	.3871881	.7302293	.0513982	.4867261	.6719107
#1	324.7558	6017.430	1062.699	1119.137	314.0543	110.6713	31677.99
#2	323.6788	6042.044	1068.534	1130.754	314.2826	111.4357	31980.44

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	318.9200	315.9640	323.0368	310.0431	25943.07	20717.12	15719.24
SDev	.5311	2.9850	2.3533	.3292	53.29	45.13	34.03
%RSD	.1665330	.9447366	.7285052	.1061688	.2054268	.2178151	.2164920
#1	318.5444	313.8532	321.3727	309.8103	25980.76	20685.21	15695.17
#2	319.2955	318.0747	324.7008	310.2758	25905.39	20749.03	15743.30

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	215.8732	1101.991	33760.14	322.7507	1050.666	556.7587	1118.984
SDev	.8064	8.685	62.15	2.4733	2.152	4.3330	10.599
%RSD	.3735542	.7881206	.1840871	.7663252	.2047778	.7782495	.9471683
#1	216.4434	1095.850	33716.19	324.4996	1049.145	553.6948	1111.489
#2	215.3030	1108.132	33804.09	321.0018	1052.188	559.8225	1126.478

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1024.390	1044.130	1053.929	557.6058	555.0606	318.0916	325.5959
SDev	12.553	.835	3.642	2.8902	7.2229	.0101	2.6913
%RSD	1.225429	.0799240	.3455933	.5183285	1.301281	.0031885	.8265874
#1	1015.514	1044.720	1051.353	555.5621	549.9532	318.0987	323.6928
#2	1033.267	1043.540	1056.504	559.6495	560.1679	318.0844	327.4990

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	728.0915	1111.413	-.694214	1096.943
SDev	6.3421	8.677	.004491	.042
%RSD	.8710552	.7807096	.6469428	.0037928
#1	723.6071	1105.277	-.691038	1096.972
#2	732.5761	1117.548	-.697390	1096.914

Method: STL3 Sample Name: 220-7956-A-13-A Operator: NP
Run Time: 02/12/09 13:40:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3431211	48963.69	7.485201	15.02819	128.6610	1.428913	1531.667
SDev	.0340461	357.56	1.332921	1.30142	.7979	.026732	12.125
%RSD	9.922484	.7302635	17.80742	8.659862	.6201494	1.870827	.7916042
#1	.3671954	48710.86	8.427719	15.94843	128.0968	1.410010	1523.093
#2	.3190468	49216.53	6.542684	14.10795	129.2252	1.447815	1540.241

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	108.4541	9.541666	869.0871	56.06349	58259.25	2209.984	9362.320
SDev	.1907	.294389	6.4490	.39126	535.79	11.699	46.320
%RSD	.1758552	3.085296	.7420410	.6978879	.9196619	.5293872	.4947526
#1	108.3192	9.749830	864.5270	55.78683	57880.39	2201.711	9329.567
#2	108.5890	9.333502	873.6472	56.34015	58638.11	2218.256	9395.074

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	287.8494	6.611369	110.8211	34.66406	36.36437	3.818398	4.805613
SDev	2.1397	3.216705	.7768	1.03379	.73746	2.469716	.393432
%RSD	.7433495	48.65414	.7009664	2.982299	2.027968	64.67936	8.186934
#1	286.3364	8.885923	111.3704	33.93306	36.88583	5.564751	4.527415
#2	289.3625	4.336815	110.2718	35.39506	35.84291	2.072046	5.083812

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.737187	37.70986	35.69183	3.219488	5.016917	65.82471	85.87399
SDev	.726790	2.34334	.06428	3.225934	.954867	.80108	.28658
%RSD	9.393471	6.214117	.1800869	100.2002	19.03294	1.216996	.3337180
#1	8.251105	39.36685	35.64638	5.500567	5.692110	65.25826	85.67135
#2	7.223268	36.05288	35.73728	.9384080	4.341724	66.39117	86.07663

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2129.238	12.38597	22.90453	1681.003
SDev	4.550	5.23076	.11326	7.268
%RSD	.2137043	42.23136	.4944979	.4323635
#1	2126.021	16.08467	22.82444	1675.863
#2	2132.456	8.687259	22.98462	1686.142

Method: STL3 Sample Name: 220-7956-A-13-B DU Operator: NP
Run Time: 02/12/09 13:46:12
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4089623	38777.41	6.587698	10.94587	101.9724	1.310320	1497.373
SDev	.0565209	60.18	2.782710	.53618	.5272	.013118	.674
%RSD	13.82056	.1551900	42.24101	4.898473	.5169881	1.001126	.0449865
#1	.4489286	38734.85	4.620025	11.32501	101.5996	1.301044	1497.850
#2	.3689960	38819.96	8.555371	10.56674	102.3451	1.319596	1496.897

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	121.9676	7.689707	714.3624	46.56788	51218.94	1871.986	7747.227
SDev	1.1048	.157241	1.2305	.19518	139.06	5.014	23.387
%RSD	.9058365	2.044830	.1722499	.4191323	.2715060	.2678467	.3018802
#1	121.1864	7.578521	715.2325	46.42986	51120.61	1868.441	7730.690
#2	122.7489	7.800894	713.4923	46.70589	51317.27	1875.532	7763.765

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	236.2100	2.683973	86.23994	28.73876	31.51560	2.118397	.9994566
SDev	.4408	1.136569	.10790	.29872	.47642	.305443	.4000697
%RSD	.1866082	42.34651	.1251113	1.039416	1.511695	14.41861	40.02872
#1	235.8983	3.487649	86.16364	28.94999	31.17872	1.902416	1.282349
#2	236.5217	1.880297	86.31623	28.52754	31.85248	2.334378	.7165647

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.449724	34.37162	30.08893	-.622304	7.606828	54.95081	73.28941
SDev	2.552925	.20397	.61244	.639702	.363794	.67885	.62331
%RSD	46.84502	.5934311	2.035434	102.7957	4.782467	1.235376	.8504768
#1	7.254915	34.22739	29.65587	-1.07464	7.864069	55.43082	72.84866
#2	3.644534	34.51585	30.52199	-.169966	7.349587	54.47079	73.73016

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2310.436	5.966935	21.50342	1431.180
SDev	5.263	1.353596	.00407	2.085
%RSD	.2277883	22.68494	.0189164	.1456827
#1	2306.715	6.924072	21.50054	1429.705
#2	2314.158	5.009798	21.50629	1432.654

Method: STL3 Sample Name: 220-7956-A-13-C MS Operator: NP
Run Time: 02/12/09 13:51:56
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.78934	53033.59	21.13408	217.9611	545.2653	12.30020	3958.186
SDev	.21518	171.87	1.30327	.9272	4.1748	.06414	1.684
%RSD	1.994397	.3240693	6.166659	.4253938	.7656370	.5214610	.0425501
#1	10.63718	52912.07	22.05563	217.3055	542.3133	12.25485	3956.995
#2	10.94150	53155.12	20.21254	218.6167	548.2173	12.34556	3959.376

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	140.9384	110.8732	861.5834	107.6384	58473.94	4638.602	12331.35
SDev	.5699	.7823	1.7436	.9160	177.98	16.713	76.41
%RSD	.4043274	.7056044	.2023714	.8509866	.3043766	.3603098	.6196655
#1	140.5354	110.3200	860.3505	106.9907	58348.09	4626.784	12277.32
#2	141.3413	111.4264	862.8164	108.2861	58599.79	4650.420	12385.38

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	412.7434	203.9213	2721.837	140.0103	46.86296	22.45165	68.10506
SDev	1.0645	4.0745	10.811	1.3131	.93971	2.07397	2.02009
%RSD	.2579140	1.998072	.3971886	.9378551	2.005233	9.237496	2.966141
#1	411.9906	201.0402	2714.193	139.0818	46.19848	20.98513	66.67664
#2	413.4961	206.8024	2729.482	140.9388	47.52743	23.91817	69.53348

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.83971	48.07549	46.25671	22.27783	22.79871	175.4342	194.2192
SDev	3.06060	.20129	1.30837	2.91582	.38760	.6273	.1447
%RSD	14.68638	.4187027	2.828487	13.08843	1.700108	.3575861	.0745030
#1	18.67554	47.93315	45.33155	20.21603	22.52463	174.9906	194.1169
#2	23.00388	48.21782	47.18186	24.33962	23.07279	175.8778	194.3216

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2707.509	185.1937	29.04857	1962.416
SDev	17.764	6.6811	.03645	5.870
%RSD	.6561072	3.607651	.1254932	.2991460
#1	2694.948	180.4694	29.02279	1958.265
#2	2720.070	189.9180	29.07435	1966.567

Method: STL3 Sample Name: 220-7956-A-13-A SD@5 Operator: NP
Run Time: 02/12/09 13:57:39
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0464883	9495.801	.5664529	1.947696	25.74832	.5491835	317.9313
SDev	.0676981	23.030	3.227706	.286374	.05699	.0630839	1.8524
%RSD	145.6241	.2425282	569.8101	14.70320	.2213478	11.48686	.5826349
#1	-.001382	9479.516	2.848786	2.150193	25.70802	.5045764	319.2412
#2	.0943581	9512.085	-1.71588	1.745200	25.78862	.5937906	316.6215

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.78092	1.863614	177.1628	11.68607	11871.41	374.6335	1859.408
SDev	.27062	.202794	.9438	.02344	48.12	3.3427	5.329
%RSD	1.242466	10.88175	.5327413	.2006129	.4053830	.8922534	.2865700
#1	21.58956	2.007011	177.8302	11.66949	11837.38	372.2699	1855.640
#2	21.97227	1.720217	176.4955	11.70265	11905.44	376.9972	1863.175

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.87001	2.031935	16.84517	6.477756	7.942859	-.829990	1.378828
SDev	.49457	1.200903	.06473	1.108066	1.057910	.490502	1.411242
%RSD	.8401108	59.10147	.3842774	17.10571	13.31901	59.09737	102.3508
#1	58.52030	2.881101	16.79940	5.694236	8.690914	-.483153	2.376726
#2	59.21973	1.182768	16.89094	7.261278	7.194803	-1.17683	.3809289

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.272079	8.243654	7.791887	-1.72351	.9585388	13.59080	18.37294
SDev	.083033	1.581863	.796327	.15297	1.166591	.21795	1.03207
%RSD	3.654501	19.18886	10.21995	8.875187	121.7051	1.603627	5.617331
#1	2.213366	9.362201	8.354975	-1.61535	1.783443	13.74491	19.10273
#2	2.330793	7.125108	7.228799	-1.83168	.1336346	13.43669	17.64316

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	428.4938	3.876930	4.640290	345.4021
SDev	2.3859	2.561224	.008147	.9116
%RSD	.5568114	66.06319	.1755742	.2639280
#1	430.1809	5.687988	4.634529	344.7575
#2	426.8067	2.065871	4.646051	346.0467

Method: STL3 Sample Name: 220-7956-A-14-A Operator: NP
Run Time: 02/12/09 14:03:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1906915	36242.52	35.62431	4.899839	85.30831	2.625264	255.4167
SDev	.1637816	94.81	2.12273	.194973	.21372	.075518	.0000
%RSD	85.88827	.2615920	5.958666	3.979178	.2505269	2.876589	.0000000
#1	.0748804	36175.48	34.12331	4.761972	85.15719	2.571865	255.4167
#2	.3065025	36309.56	37.12531	5.037706	85.45943	2.678663	255.4167

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.12716	11.26139	168.8050	30.91071	H172633.4	1260.991	5193.449
SDev	.10862	.09831	.1673	.18343	68.3	3.343	8.103
%RSD	1.072603	.8729593	.0991041	.5934315	.0395584	.2650786	.1560182
#1	10.05035	11.19188	168.9233	30.78100	H172585.2	1263.354	5187.720
#2	10.20397	11.33090	168.6867	31.04041	H172681.7	1258.627	5199.179

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	324.8462	2.441354	63.59661	18.51564	21.32893	5.552393	-.363010
SDev	.0753	.107223	.23736	.60588	.88014	.022918	.818707
%RSD	.0231837	4.391966	.3732321	3.272262	4.126506	.4127669	225.5328
#1	324.8994	2.517173	63.76445	18.94406	21.95128	5.536188	.2159030
#2	324.7929	2.365536	63.42877	18.08722	20.70657	5.568599	-.941924

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.032883	20.72111	21.63178	-.207239	17.08785	79.23128	90.18205
SDev	.865536	.55790	1.59808	.367997	.66842	.53891	.24389
%RSD	14.34697	2.692418	7.387651	177.5714	3.911640	.6801774	.2704396
#1	6.644909	20.32662	22.76179	-.467452	17.56049	79.61234	90.35451
#2	5.420857	21.11560	20.50176	.0529742	16.61521	78.85020	90.00960

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2049.563	4.780331	6.000432	1014.100
SDev	4.715	3.491319	.000000	.178
%RSD	.2300390	73.03509	.0000000	.0175936
#1	2052.897	2.311595	6.000432	1013.974
#2	2046.229	7.249065	6.000432	1014.226

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 02/12/09 14:09:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.88639	4880.779	510.9789	496.3906	502.1476	503.3226	19058.26
SDev	.03462	30.505	.2867	5.5086	4.5214	2.7406	111.98
%RSD	.0667300	.6250103	.0561040	1.109732	.9004126	.5445059	.5875873
#1	51.86190	4859.208	510.7762	492.4954	498.9505	501.3847	18979.07
#2	51.91087	4902.350	511.1816	500.2857	505.3448	505.2606	19137.44

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.5985	497.3566	507.9817	487.6602	5105.465	18951.50	18981.74
SDev	3.4568	1.3267	2.0786	4.5166	28.369	25.07	155.37
%RSD	.6877840	.2667523	.4091867	.9261709	.5556635	.1322806	.8185169
#1	500.1541	496.4185	506.5119	484.4665	5085.405	18933.77	18871.88
#2	505.0428	498.2947	509.4515	490.8539	5125.525	18969.22	19091.60

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	508.5981	502.6764	21322.60	507.5919	490.0569	488.5061	494.0216
SDev	1.5806	5.4041	92.21	4.0828	3.7508	2.2099	7.5191
%RSD	.3107822	1.075061	.4324315	.8043393	.7653776	.4523710	1.522009
#1	507.4805	498.8551	21257.40	504.7049	487.4047	486.9435	488.7048
#2	509.7158	506.4976	21387.79	510.4788	492.7092	490.0687	499.3383

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	474.9418	489.7354	490.2167	488.3993	488.7189	497.4142	509.4713
SDev	1.4221	2.8794	4.1858	.5977	5.4392	1.0276	2.2141
%RSD	.2994240	.5879408	.8538630	.1223706	1.112948	.2065842	.4345857
#1	475.9474	487.6994	487.2570	487.9767	484.8728	496.6876	507.9057
#2	473.9362	491.7714	493.1765	488.8219	492.5650	498.1408	511.0369

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	525.7237	475.1201	505.0040	491.2868
SDev	6.8421	1.7008	2.1423	1.4643
%RSD	1.301465	.3579832	.4242179	.2980538
#1	520.8856	473.9174	503.4891	490.2514
#2	530.5618	476.3227	506.5188	492.3222

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 02/12/09 14:14:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0203228	-10.0455	-.790914	.5806218	.0738833	.2935253	2.262432
SDev	.1070959	2.3238	.064395	.7250286	.0047494	.0126210	.673592
%RSD	526.9727	23.13231	8.141887	124.8711	6.428251	4.299799	29.77292
#1	-.055405	-11.6887	-.745380	1.093295	.0772416	.2846009	2.738733
#2	.0960511	-8.40240	-.836448	.0679491	.0705249	.3024497	1.786130

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1226664	.7268658	.2448047	.8665630	23.02171	12.99984	5.402245
SDev	.1063240	.1274044	.0236971	.2530272	.00165	.00000	.694809
%RSD	86.67731	17.52791	9.680005	29.19894	.0071648	.0000000	12.86148
#1	.0474840	.6367773	.2280483	.6876457	23.02055	12.99984	5.893549
#2	.1978488	.8169543	.2615611	1.045480	23.02288	12.99984	4.910941

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.076078	2.850774	1.647897	.0984846	-.109960	.0981845	3.230064
SDev	.032343	2.144470	.064734	.8577030	.991398	2.318970	3.496660
%RSD	42.51341	75.22413	3.928290	870.9003	901.5969	2361.850	108.2536
#1	-.053208	4.367143	1.693671	-.508003	-.810984	-1.54157	5.702576
#2	-.098948	1.334405	1.602123	.7049723	.5910640	1.737944	.7575514

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2959478	-1.95113	.8085963	-1.03603	2.369025	-.548853	.5579373
SDev	1.637530	1.38012	2.175448	2.46869	2.019083	.968323	.0008790
%RSD	553.3172	70.73413	269.0401	238.2827	85.22845	176.4266	.1575472
#1	-.861961	-.975243	-.729678	-2.78166	.9413176	.1358545	.5573158
#2	1.453856	-2.92702	2.346871	.7095931	3.796732	-1.23356	.5585589

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.8670227	7.928156	.0372200	.6256980
SDev	1.485418	.000237	.0000142	.2012920
%RSD	171.3239	.0029940	.0380053	32.17079
#1	1.917372	7.928324	.0372099	.7680329
#2	-.183326	7.927988	.0372299	.4833631

Method: STL3 Sample Name: 220-7956-A-15-A Operator: NP
Run Time: 02/12/09 14:20:35
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2987387	14077.37	44.37165	3.212602	49.59582	1.024969	1705.636
SDev	.1129825	6.12	1.39739	.157357	.09024	.024659	5.220
%RSD	37.81983	.0434509	3.149291	4.898131	.1819483	2.405856	.3060647
#1	.3786294	14073.05	45.35976	3.323871	49.65963	1.042406	1701.945
#2	.2188481	14081.70	43.38354	3.101334	49.53202	1.007532	1709.328

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.57698	4.823073	157.7630	18.51484	37343.35	840.2665	3322.805
SDev	.12043	.007144	.7164	.34383	41.47	.0000	1.622
%RSD	7.636469	.1481225	.4540967	1.857033	.1110524	.0000000	.0488109
#1	-1.66213	4.828125	157.2564	18.75796	37372.68	840.2665	3321.658
#2	-1.49182	4.818022	158.2696	18.27172	37314.03	840.2665	3323.952

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	173.0363	3.624122	57.95103	16.86301	11.38525	1.817828	.0435615
SDev	.1505	.621896	.58262	.18240	.36281	.674930	.1250157
%RSD	.0869721	17.15991	1.005369	1.081630	3.186703	37.12835	286.9868
#1	172.9299	4.063869	58.36301	16.73403	11.64180	2.295076	-.044838
#2	173.1427	3.184375	57.53906	16.99198	11.12870	1.340581	.1319609

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.608403	11.22207	11.46602	1.859115	1.733930	35.99363	39.25772
SDev	1.624178	1.59842	1.34168	.733715	.557181	.46640	.00285
%RSD	100.9808	14.24354	11.70135	39.46584	32.13402	1.295775	.0072558
#1	.4599352	10.09182	12.41473	2.377930	2.127916	36.32342	39.25571
#2	2.756870	12.35232	10.51731	1.340300	1.339943	35.66384	39.25973

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1327.609	3.622930	14.27202	993.8557
SDev	10.459	.955961	.03232	1.8913
%RSD	.7878008	26.38640	.2264823	.1903022
#1	1320.213	4.298896	14.24917	992.5184
#2	1335.005	2.946963	14.29488	995.1931

Method: STL3 Sample Name: 220-7956-A-16-A Operator: NP
Run Time: 02/12/09 14:26:19
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3333486	8835.588	42.66753	3.637360	19.71004	.9175558	181.4709
SDev	.0790138	.983	.45757	.201935	.13298	.0503259	.1684
%RSD	23.70306	.0111213	1.072403	5.551696	.6746971	5.484775	.0927994
#1	.2774774	8834.893	42.34398	3.494570	19.61601	.9531416	181.3518
#2	.3892198	8836.282	42.99107	3.780149	19.80408	.8819700	181.5900

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.46607	3.136408	509.6249	19.61002	36491.74	562.5413	1726.431
SDev	.32426	.000393	.9673	.33264	4.15	1.6714	3.241
%RSD	2.096570	.0125242	.1898037	1.696292	.0113765	.2971073	.1877296
#1	15.69536	3.136685	510.3089	19.37480	36494.68	561.3594	1724.139
#2	15.23679	3.136130	508.9410	19.84523	36488.81	563.7231	1728.723

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	129.8753	3.533140	32.13399	10.33353	22.81128	1.378002	-2.48280
SDev	.0752	.064334	.02157	.11452	.03475	.523809	.21040
%RSD	.0578878	1.820872	.0671370	1.108232	.1523572	38.01221	8.474319
#1	129.9284	3.487649	32.14924	10.25255	22.78671	1.007613	-2.63158
#2	129.8221	3.578631	32.11873	10.41450	22.83585	1.748391	-2.33403

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.655928	22.55227	22.93979	-.256447	4.650506	39.46672	48.03671
SDev	4.986488	.69348	.29411	.385546	.800609	.97206	.07991
%RSD	136.3946	3.074981	1.282117	150.3415	17.21553	2.462997	.1663472
#1	.1299486	22.06191	23.14776	-.529069	4.084390	38.77937	48.09322
#2	7.181908	23.04264	22.73182	.0161753	5.216622	40.15407	47.98021

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1163.486	3.693743	3.900673	605.6455
SDev	2.187	.432548	.004058	.2318
%RSD	.1879702	11.71029	.1040264	.0382738
#1	1165.033	3.387886	3.903542	605.4816
#2	1161.940	3.999601	3.897804	605.8094

Method: STL3 Sample Name: 220-7956-A-17-A Operator: NP
Run Time: 02/12/09 14:32:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1622030	3411.507	5.715876	1.774929	17.23495	.7481902	32.62666
SDev	.1185320	5.119	1.416467	.079854	.03325	.0127180	.84199
%RSD	73.07636	.1500641	24.78128	4.498975	.1928954	1.699838	2.580681
#1	.2460178	3407.887	6.717469	1.718464	17.21145	.7391971	32.03128
#2	.0783882	3415.127	4.714282	1.831394	17.25846	.7571831	33.22204

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5559773	2.625034	196.2954	11.46696	27014.07	298.9977	893.5977
SDev	.0454107	.130732	.0958	.14905	4.15	3.3426	3.7062
%RSD	8.167725	4.980213	.0488264	1.299835	.0153474	1.117947	.4147533
#1	.5880876	2.532592	196.3632	11.36156	27011.13	301.3614	890.9769
#2	.5238671	2.717476	196.2277	11.57235	27017.00	296.6342	896.2183

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	258.7103	1.379896	26.03067	4.311848	8.702602	1.916255	-2.87680
SDev	.2687	.021445	.02158	.445625	.177810	.948662	1.54541
%RSD	.1038796	1.554078	.0828991	10.33490	2.043187	49.50606	53.71952
#1	258.5203	1.395059	26.01541	3.996743	8.828333	2.587061	-1.78404
#2	258.9004	1.364732	26.04593	4.626952	8.576871	1.245450	-3.96957

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.854664	8.810866	8.647751	2.128995	1.489036	10.34200	14.16210
SDev	3.414191	.508946	.012491	1.581174	.318402	.74164	.15787
%RSD	58.31575	5.776350	.1444419	74.26857	21.38312	7.171171	1.114745
#1	8.268862	9.170746	8.656584	3.247054	1.263891	10.86642	14.05047
#2	3.440466	8.450987	8.638919	1.010936	1.714180	9.817576	14.27373

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1022.887	2.091747	1.676351	204.4280
SDev	5.407	2.193129	.008091	.3190
%RSD	.5286410	104.8468	.4826363	.1560318
#1	1019.063	.5409706	1.670630	204.2024
#2	1026.710	3.642524	1.682072	204.6535

Method: STL3 Sample Name: 220-7956-A-18-A Operator: NP
Run Time: 02/12/09 14:37:47
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0480978	2870.286	.5834886	.2444956	11.52915	.7142090	130.8639
SDev	.2543963	5.089	.2938287	.2169072	.05699	.0128426	3.0312
%RSD	528.9150	.1773016	50.35723	88.71619	.4943353	1.798158	2.316272
#1	-.131788	2873.885	.7912569	.0911190	11.48885	.7051278	128.7205
#2	.2279831	2866.688	.3757203	.3978721	11.56945	.7232900	133.0072

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.373598	3.345886	57.03683	10.28300	17442.75	248.1799	831.6886
SDev	.138333	.590420	1.25330	.08019	40.05	5.0140	5.1052
%RSD	5.827968	17.64614	2.197348	.7798269	.2296217	2.020304	.6138412
#1	2.275782	2.928396	56.15061	10.22630	17414.43	244.6345	828.0786
#2	2.471414	3.763376	57.92304	10.33970	17471.08	251.7254	835.2985

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	306.2433	1.592187	16.84517	5.005381	2.405082	1.770222	-1.10784
SDev	1.7955	.021445	.36684	.501968	.551769	3.532462	1.36282
%RSD	.5863044	1.346862	2.177689	10.02856	22.94179	199.5491	123.0158
#1	304.9736	1.577024	16.58578	5.360326	2.014922	-.727606	-2.07150
#2	307.5129	1.607351	17.10456	4.650436	2.795241	4.268050	-.144182

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0743833	3.127514	2.043608	2.797441	-.288301	10.29007	15.74425
SDev	4.859286	1.122167	.266997	5.747191	.903645	.86958	.15913
%RSD	6532.769	35.88046	13.06500	205.4446	313.4381	8.450689	1.010690
#1	-3.36165	2.334023	1.854812	-1.26644	.3506727	10.90496	15.85677
#2	3.510417	3.921006	2.232403	6.861318	-.927275	9.675183	15.63173

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	798.7814	.9655049	1.399082	133.9539
SDev	2.0524	2.098271	.008045	.8050
%RSD	.2569355	217.3237	.5750012	.6009536
#1	797.3301	2.449206	1.393393	133.3847
#2	800.2326	-.518197	1.404770	134.5231

Method: STL3 Sample Name: 220-7956-A-19-A Operator: NP
Run Time: 02/12/09 14:43:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0705905	3107.892	.0090734	.6924317	10.76681	.7466152	20.12374
SDev	.1919703	1.879	.6517303	.5553623	.01425	.0000881	.33680
%RSD	271.9493	.0604683	7182.898	80.20463	.1323357	.0117982	1.673631
#1	-.065153	3106.563	-.451770	.2997313	10.75673	.7466775	19.88559
#2	.2063340	3109.221	.4699163	1.085132	10.77688	.7465529	20.36190

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.44749	3.558486	104.3464	9.448360	20783.52	340.3611	908.2561
SDev	.28080	.231971	.7885	.206654	86.54	1.6713	2.7819
%RSD	2.452904	6.518798	.7556127	2.187199	.4163700	.4910460	.3062953
#1	11.24893	3.722514	103.7889	9.302233	20722.33	339.1793	906.2890
#2	11.64604	3.394458	104.9040	9.594486	20844.71	341.5429	910.2233

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	195.6376	1.258586	18.96607	4.189870	2.017930	.9892291	-2.17867
SDev	.5485	.364560	.21578	.401949	.451033	.2561168	.30341
%RSD	.2803431	28.96581	1.137736	9.593358	22.35129	25.89054	13.92658
#1	195.2498	1.516369	18.81349	4.474092	1.699001	.8081272	-2.39322
#2	196.0254	1.000804	19.11866	3.905649	2.336859	1.170331	-1.96413

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.339668	4.768190	.6440624	1.327319	.3109336	15.13406	14.67636
SDev	.436838	.055586	.6484603	.349171	.0698714	1.24749	.23377
%RSD	8.180994	1.165766	100.6828	26.30646	22.47148	8.242923	1.592852
#1	5.030777	4.728885	.1855317	1.080418	.2615271	14.25195	14.51106
#2	5.648559	4.807496	1.102593	1.574220	.3603401	16.01617	14.84166

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	910.6188	2.636544	.9742650	161.0175
SDev	5.2256	1.418684	.0121554	.1593
%RSD	.5738486	53.80848	1.247653	.0989519
#1	906.9237	3.639705	.9656698	160.9048
#2	914.3138	1.633383	.9828602	161.1301

Method: STL3 Sample Name: 220-7956-A-20-A Operator: NP
Run Time: 02/12/09 14:49:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0794581	3178.823	1.857490	.3863233	9.665276	.7837848	62.27644
SDev	.2653316	35.034	1.078184	.2491095	.080739	.0253426	1.68398
%RSD	333.9265	1.102114	58.04522	64.48212	.8353534	3.233363	2.704041
#1	.2670758	3154.050	1.095099	.5624703	9.608184	.7658648	61.08568
#2	-.108160	3203.596	2.619882	.2101764	9.722366	.8017047	63.46719

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.028619	3.737311	77.35295	10.68018	16925.96	265.9071	827.6857
SDev	.529349	.161426	1.34937	.00007	73.53	6.6853	2.0909
%RSD	10.52673	4.319304	1.744430	.0006188	.4343937	2.514147	.2526141
#1	4.654313	3.623166	76.39880	10.68013	16873.97	261.1799	826.2072
#2	5.402926	3.851456	78.30710	10.68023	16977.95	270.6343	829.1641

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	166.8301	2.198735	15.48718	5.465527	5.780494	-.453431	-1.89194
SDev	1.0967	.193002	.56104	.023755	.867151	2.151231	1.47677
%RSD	.6573933	8.777883	3.622613	.4346390	15.00134	474.4344	78.05608
#1	166.0546	2.335208	15.09046	5.482324	5.167325	1.067719	-.847703
#2	167.6056	2.062262	15.88390	5.448729	6.393662	-1.97458	-2.93618

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.539606	7.428318	4.957018	-1.57315	1.788076	11.12976	27.76718
SDev	.636882	1.912872	.345075	2.04241	2.369343	.15017	.31992
%RSD	41.36655	25.75108	6.961346	129.8290	132.5079	1.349237	1.152140
#1	1.089263	6.075713	4.713013	-.128952	3.463455	11.02357	27.99340
#2	1.989950	8.780923	5.201023	-3.01736	.1126976	11.23594	27.54097

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	895.2980	.5784244	1.595460	166.2972
SDev	6.4370	2.128323	.008073	.9417
%RSD	.7189769	367.9517	.5059968	.5662653
#1	890.7463	2.083376	1.589751	165.6313
#2	899.8496	-.926527	1.601168	166.9631

Method: STL3 Sample Name: 220-7956-A-21-A Operator: NP
Run Time: 02/12/09 14:54:59
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1603753	6215.435	5.164065	.6698150	13.37623	.8493277	58.34695
SDev	.1357653	11.697	.643877	.6033811	.02850	.0254301	.16840
%RSD	84.65472	.1881976	12.46841	90.08176	.2130396	2.994145	.2886205
#1	.2563759	6207.164	5.619355	.2431601	13.39638	.8673095	58.22787
#2	.0643748	6223.707	4.708775	1.096470	13.35608	.8313459	58.46603

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.925841	8.554434	35.02335	10.57496	15254.11	323.8157	877.4861
SDev	.460420	.134334	.55017	.05731	3.58	1.6713	4.8515
%RSD	49.72989	1.570341	1.570880	.5418985	.0234492	.5161360	.5528884
#1	-.600275	8.459445	34.63432	10.61548	15251.58	324.9976	874.0555
#2	-1.25141	8.649422	35.41239	10.53444	15256.64	322.6339	880.9166

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478.4628	1.592187	15.92967	6.539905	4.162458	.8744054	-.329039
SDev	1.6665	.150113	.15105	.491090	.450965	.5738143	.372183
%RSD	.3483020	9.428087	.9482154	7.509126	10.83411	65.62336	113.1121
#1	479.6412	1.486042	15.82286	6.887157	3.843577	1.280153	-.592212
#2	477.2844	1.698333	16.03647	6.192652	4.481338	.4686575	-.065866

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.239982	4.690796	3.897885	1.256947	.1071730	11.51741	14.37299
SDev	2.183121	.275622	.538506	.655235	.4107274	.79411	.15827
%RSD	67.38065	5.875808	13.81533	52.12913	383.2379	6.894871	1.101152
#1	4.783681	4.495902	3.517104	1.720268	.3976011	10.95589	14.26107
#2	1.696282	4.885691	4.278666	.7936254	-.183255	12.07893	14.48490

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1012.397	.3021110	1.096732	219.5569
SDev	1.848	1.205429	.008105	.9117
%RSD	.1825113	399.0019	.7389916	.4152549
#1	1013.704	1.154478	1.091001	220.2015
#2	1011.091	-.550256	1.102463	218.9122

Method: STL3 Sample Name: 220-7956-A-22-A Operator: NP
Run Time: 02/12/09 15:00:43
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3061473	18144.75	6.910092	7.131212	76.10649	1.456268	5654.296
SDev	.1860792	84.99	.763344	.691839	.20423	.013774	60.960
%RSD	60.78094	.4683746	11.04680	9.701561	.2683417	.9458489	1.078118
#1	.4377252	18084.65	7.449858	6.642008	75.96208	1.446528	5611.190
#2	.1745694	18204.84	6.370327	7.620416	76.25090	1.466008	5697.401

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.371612	10.07815	104.1419	38.47361	30871.78	771.7216	3359.564
SDev	.076365	.27922	1.2890	.14908	129.12	6.6854	19.696
%RSD	1.746847	2.770586	1.237688	.3874859	.4182512	.8662919	.5862696
#1	4.317613	10.27559	103.2305	38.36820	30780.47	766.9943	3345.636
#2	4.425610	9.880711	105.0534	38.57903	30963.08	776.4488	3373.491

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	339.8278	2.183571	77.52743	19.86523	61.77485	2.300812	-3.57448
SDev	2.4515	.128668	1.29470	.09936	.08494	3.694615	1.48533
%RSD	.7213895	5.892561	1.669993	.5001638	.1375011	160.5788	41.55362
#1	338.0943	2.092589	76.61195	19.79497	61.83491	4.913300	-2.52419
#2	341.5612	2.274554	78.44293	19.93548	61.71479	-.311676	-4.62476

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.094268	61.89441	61.71461	2.882613	1.134462	41.09815	193.0864
SDev	.713512	.60847	.43120	6.168102	1.259784	.25430	1.9702
%RSD	11.70793	.9830704	.6986968	213.9761	111.0468	.6187624	1.020351
#1	6.598798	61.46416	62.01951	7.244120	.2436600	40.91833	191.6933
#2	5.589739	62.32466	61.40971	-1.47889	2.025264	41.27797	194.4795

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1889.558	1.541077	31.37514	745.7346
SDev	18.689	.083760	.19737	5.3438
%RSD	.9890696	5.435157	.6290779	.7165798
#1	1876.343	1.600304	31.23557	741.9560
#2	1902.773	1.481850	31.51470	749.5132

Method: STL3 Sample Name: 220-7956-A-23-A Operator: NP
Run Time: 02/12/09 15:06:26
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1020613	5675.271	-.048077	.7351939	26.09759	.8523697	570.0140
SDev	.1232920	70.467	1.176416	.0017690	.16148	.0245794	13.8087
%RSD	120.8019	1.241648	2446.960	.2406151	.6187536	2.883651	2.422511
#1	.1892419	5625.444	-.879928	.7339430	25.98340	.8697500	560.2498
#2	.0148807	5725.099	.7837751	.7364447	26.21177	.8349895	579.7782

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.550471	5.598177	258.1496	18.65167	9768.848	353.3610	1031.801
SDev	.141410	.518599	4.3808	.05726	169.424	13.3706	14.174
%RSD	3.982849	9.263707	1.696997	.3070204	1.734328	3.783846	1.373746
#1	3.450480	5.231472	255.0519	18.61118	9649.047	343.9066	1021.779
#2	3.650463	5.964882	261.2473	18.69216	9888.648	362.8155	1041.824

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	390.4904	2.259390	32.07295	14.63583	71.06987	.2129781	-1.28699
SDev	7.9350	.235892	.88472	.75297	1.96976	1.133013	2.38356
%RSD	2.032069	10.44051	2.758456	5.144727	2.771589	531.9855	185.2047
#1	384.8795	2.092589	31.44736	14.10340	69.67703	-.588183	-2.97242
#2	396.1013	2.426191	32.69854	15.16826	72.46270	1.014139	.3984444

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.465017	71.53400	70.83734	1.659507	-2.68552	11.59849	42.59145
SDev	.804667	4.14906	.88175	.093604	3.59007	.38313	1.18003
%RSD	54.92543	5.800126	1.244749	5.640486	133.6823	3.303273	2.770569
#1	.8960319	68.60017	70.21385	1.725695	-5.22409	11.32757	41.75704
#2	2.034003	74.46783	71.46083	1.593319	-.146961	11.86940	43.42585

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1260.926	1.889529	10.66659	232.8182
SDev	14.695	.178830	.09701	2.6085
%RSD	1.165407	9.464242	.9094743	1.120404
#1	1250.535	2.015980	10.59800	230.9737
#2	1271.316	1.763077	10.73519	234.6627

Method: STL3 Sample Name: 220-7956-A-24-A Operator: NP
Run Time: 02/12/09 15:12:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1497293	18053.03	9.877152	8.262237	57.98493	1.470789	4483.784
SDev	.0398803	31.01	1.667273	.416871	.15673	.051026	30.985
%RSD	26.63492	.1717898	16.88010	5.045503	.2702984	3.469260	.6910523
#1	.1215297	18031.10	8.698213	8.557011	57.87411	1.434709	4461.874
#2	.1779289	18074.96	11.05609	7.967465	58.09576	1.506870	4505.694

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.078878	10.65132	364.0818	32.36726	33712.55	777.6306	3154.052
SDev	.009324	.21063	2.8534	.09197	142.38	5.0140	14.380
%RSD	.1835751	1.977531	.7837232	.2841550	.4223266	.6447805	.4559222
#1	5.085471	10.80026	362.0642	32.30223	33611.88	774.0851	3143.884
#2	5.072285	10.50238	366.0995	32.43230	33813.23	781.1760	3164.221

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	435.3805	2.820447	96.67661	32.98949	275.1536	2.911351	-.571074
SDev	3.8923	.514673	.75525	.12945	.1486	.208229	1.230428
%RSD	.8940102	18.24792	.7812127	.3923840	.0539963	7.152306	215.4587
#1	432.6282	3.184375	96.14257	33.08102	275.0485	3.058591	-1.44112
#2	438.1328	2.456518	97.21066	32.89795	275.2587	2.764111	.2989705

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.219603	274.5551	275.4515	3.769782	1.190810	43.76710	96.74278
SDev	2.569048	1.7867	.6695	1.308433	1.995625	1.14230	.86497
%RSD	79.79392	.6507746	.2430377	34.70845	167.5855	2.609944	.8940974
#1	1.403012	273.2917	275.9249	4.694984	-.220310	42.95937	96.13116
#2	5.036194	275.8185	274.9782	2.844580	2.601930	44.57482	97.35442

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2374.174	7.826108	23.92902	694.0905
SDev	21.250	3.729555	.08449	3.7293
%RSD	.8950617	47.65530	.3530659	.5372890
#1	2359.148	10.46330	23.86928	691.4534
#2	2389.200	5.188914	23.98876	696.7274

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 02/12/09 15:17:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.62955	4830.352	506.1725	495.2624	504.3037	501.5089	18846.54
SDev	.01071	11.710	4.5744	1.4924	1.6623	.9805	3.87
%RSD	.0207361	.2424341	.9037191	.3013298	.3296204	.1955173	.0205549
#1	51.63712	4822.072	509.4070	494.2072	503.1283	500.8155	18849.28
#2	51.62198	4838.633	502.9379	496.3177	505.4791	502.2022	18843.80

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	499.9156	490.5503	502.6784	486.8110	5068.643	18864.04	18928.82
SDev	1.5510	4.2712	.0957	.1932	2.490	35.10	43.07
%RSD	.3102575	.8707023	.0190430	.0396777	.0491201	.1860601	.2275219
#1	498.8188	493.5706	502.6107	486.6744	5066.882	18839.22	18898.37
#2	501.0123	487.5301	502.7461	486.9476	5070.403	18888.86	18959.28

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.7966	495.5797	21228.15	507.8996	485.3900	485.2765	494.3286
SDev	.0860	4.8036	40.80	.0241	1.5019	2.8459	6.5741
%RSD	.0171029	.9692917	.1922149	.0047501	.3094147	.5864549	1.329896
#1	502.7358	492.1831	21199.29	507.8825	484.3280	483.2641	489.6800
#2	502.8574	498.9764	21257.00	507.9166	486.4520	487.2889	498.9771

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	467.4731	484.3875	485.8899	484.3232	487.1848	491.9001	503.9893
SDev	5.9333	.1256	2.3143	1.8506	4.8396	.2818	.3145
%RSD	1.269234	.0259367	.4763109	.3820932	.9933779	.0572930	.0623968
#1	463.2776	484.4764	484.2534	483.0147	483.7627	492.0994	503.7670
#2	471.6686	484.2987	487.5264	485.6318	490.6069	491.7008	504.2117

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	517.4772	474.0660	502.2363	486.9470
SDev	3.6357	3.4898	.3325	.0082
%RSD	.7025825	.7361393	.0662066	.0016795
#1	520.0480	471.5983	502.0012	486.9528
#2	514.9064	476.5336	502.4714	486.9413

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 02/12/09 15:23:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1480481	-21.7192	.4059707	-.314777	.0638083	.4535347	1.190755
SDev	.2088607	4.4107	.0521413	.020349	.0000000	.0126624	.168399
%RSD	141.0763	20.30790	12.84361	6.464439	.0000000	2.791929	14.14217
#1	.0003613	-18.6004	.4428402	-.329166	.0638083	.4624883	1.309831
#2	.2957349	-24.8380	.3691013	-.300389	.0638083	.4445811	1.071679

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.017466	.5390052	.1264915	1.037074	10.52568	10.63625	2.782738
SDev	.006058	.1325678	.0715584	.057056	1.65246	.00000	.694533
%RSD	34.68182	24.59490	56.57170	5.501665	15.69928	.0000000	24.95862
#1	-.021750	.6327447	.1770909	1.077419	11.69414	10.63625	2.291629
#2	-.013183	.4452656	.0758921	.9967291	9.357217	10.63625	3.273847

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.076101	2.153244	.8392071	.5185148	1.093399	-1.52764	3.874995
SDev	.010718	.643341	.1294708	.1481062	1.210721	1.34073	3.618981
%RSD	14.08406	29.87775	15.42775	28.56354	110.7300	87.76465	93.39317
#1	-.068522	2.608155	.9307568	.4137879	1.949508	-.579601	6.434001
#2	-.083680	1.698333	.7476574	.6232416	.2372900	-2.47567	1.315990

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.478202	-.150044	1.713488	-2.57710	.5733311	-.809059	-.112278
SDev	2.868126	2.093356	.770206	3.06610	2.115339	.376731	.316103
%RSD	82.46003	1395.166	44.94958	118.9749	368.9558	46.56406	281.5373
#1	5.506273	1.330183	2.258106	-.409039	-.922439	-1.07545	.1112412
#2	1.450130	-1.63027	1.168870	-4.74515	2.069101	-.542670	-.335797

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.492943	6.093502	.0257756	.5693669
SDev	1.985728	3.706232	.0000035	.2355109
%RSD	402.8309	60.82268	.0137199	41.36364
#1	-1.89706	8.714204	.0257730	.7358982
#2	.9111782	3.472801	.0257781	.4028355

Method: STL3 Sample Name: 220-7956-A-25-A Operator: NP
Run Time: 02/12/09 15:29:24
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4868208	22709.97	16.91102	4.903687	90.32901	1.415413	1727.308
SDev	.2147259	164.33	2.85781	.263893	.42745	.125922	18.019
%RSD	44.10779	.7235992	16.89910	5.381520	.4732100	8.896457	1.043162
#1	.3349867	22593.77	14.89024	5.090287	90.02676	1.326373	1714.567
#2	.6386550	22826.16	18.93180	4.717086	90.63126	1.504453	1740.049

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.31741	11.25372	715.3994	61.34885	40471.23	757.5399	2745.377
SDev	.26684	.13973	6.9156	.41302	207.87	3.3427	15.757
%RSD	2.166344	1.241621	.9666724	.6732367	.5136175	.4412519	.5739384
#1	12.12872	11.35253	710.5093	61.05679	40324.24	755.1763	2734.236
#2	12.50609	11.15492	720.2894	61.64090	40618.21	759.9035	2756.519

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481.5609	7.430208	79.06853	46.89257	113.0101	4.262918	.7207626
SDev	1.9571	.042890	.02157	.77392	1.0530	1.622808	.9084457
%RSD	.4064037	.5772334	.0272781	1.650402	.9317365	38.06801	126.0395
#1	480.1770	7.399881	79.08378	46.34533	112.2656	3.115419	.0783944
#2	482.9448	7.460536	79.05328	47.43982	113.7547	5.410416	1.363131

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9314523	111.8393	113.5941	3.828813	5.131328	52.48898	182.8886
SDev	3.555062	.2315	1.6943	3.264257	1.665162	2.40009	1.6532
%RSD	381.6688	.2069948	1.491525	85.25506	32.45090	4.572557	.9039340
#1	3.445261	112.0030	112.3961	1.520635	6.308775	50.79186	181.7196
#2	-1.58236	111.6756	114.7921	6.136991	3.953880	54.18610	184.0576

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2270.701	10.88148	34.19246	688.9969
SDev	10.265	.28444	.12530	1.9852
%RSD	.4520538	2.614021	.3664616	.2881351
#1	2263.442	10.68034	34.10386	687.5931
#2	2277.959	11.08261	34.28106	690.4007

Method: STL3 Sample Name: 220-7956-A-26-A Operator: NP
Run Time: 02/12/09 15:35:08
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0833966	8700.135	4.057952	.8700689	35.66883	1.110043	293.0446
SDev	.1810542	6.599	.340578	.5194466	.01900	.012789	2.0208
%RSD	217.1002	.0758544	8.392863	59.70177	.0532616	1.152121	.6895821
#1	.2114212	8704.802	3.817127	1.237373	35.68226	1.119086	294.4735
#2	-.044628	8695.469	4.298778	.5027647	35.65540	1.101000	291.6157

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.299820	15.26103	25.68974	13.64129	22340.23	375.8154	998.7977
SDev	.198983	.46617	.27351	.17172	44.54	1.6713	1.5968
%RSD	66.36757	3.054629	1.064659	1.258808	.1993626	.4447151	.1598696
#1	-.159118	14.93140	25.88314	13.51987	22371.72	376.9972	997.6686
#2	-.440523	15.59066	25.49634	13.76271	22308.74	374.6336	999.9268

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1782.427	1.971280	24.58113	12.72941	9.596268	.7879493	-.822178
SDev	3.753	.729120	.12947	.33313	.872892	.1445169	.871358
%RSD	.2105295	36.98712	.5267148	2.617026	9.096165	18.34089	105.9816
#1	1785.080	1.455714	24.67268	12.49385	8.979039	.8901383	-.206035
#2	1779.773	2.486845	24.48957	12.96497	10.21349	.6857604	-1.43832

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.958859	9.372140	9.707363	.3193092	1.725636	23.06044	22.76803
SDev	.697659	2.745184	.061851	1.080192	1.729643	.42609	.47707
%RSD	35.61557	29.29090	.6371521	338.2903	100.2322	1.847689	2.095339
#1	2.452178	7.431002	9.751099	1.083120	.5025940	23.36172	22.43069
#2	1.465539	11.31328	9.663629	-.444502	2.948678	22.75915	23.10537

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1608.454	2.932478	3.488388	237.3742
SDev	2.722	.059534	.024283	1.1356
%RSD	.1692147	2.030175	.6960996	.4784209
#1	1610.378	2.890381	3.505558	238.1772
#2	1606.529	2.974575	3.471217	236.5712

Method: STL3 Sample Name: 220-7956-A-27-A Operator: NP
Run Time: 02/12/09 15:40:52
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.032098	71901.59	17.89757	9.845137	163.8563	2.767883	963.4392
SDev	.027820	253.96	.81265	.011779	.2470	.061446	3.7047
%RSD	86.67266	.3531998	4.540570	.1196414	.1507258	2.219953	.3845302
#1	-.012426	71722.02	18.47221	9.836807	164.0309	2.811332	960.8195
#2	-.051770	72081.16	17.32294	9.853465	163.6817	2.724435	966.0588

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.73452	20.13118	78.85490	30.37115	79672.59	2317.528	10723.35
SDev	.50074	.87133	.22543	.14909	291.62	3.343	3.03
%RSD	18.31179	4.328239	.2858825	.4908866	.3660170	.1442357	.0282824
#1	-2.38045	19.51506	78.69550	30.47657	79466.39	2315.165	10721.21
#2	-3.08860	20.74730	79.01431	30.26573	79878.80	2319.892	10725.50

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	548.8141	4.033542	113.8117	37.99162	38.36360	6.507439	-1.85017
SDev	3.5159	.128668	.5179	.35593	2.15057	.062298	.31500
%RSD	.6406354	3.189953	.4550361	.9368640	5.605759	.9573367	17.02545
#1	546.3279	3.942560	113.4455	38.24330	39.88428	6.463387	-1.62744
#2	551.3002	4.124524	114.1779	37.73994	36.84291	6.551490	-2.07291

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.095499	40.37468	37.35867	4.884094	9.757801	119.2819	125.2092
SDev	.026049	1.88221	2.28455	.064312	.058264	.3286	.0567
%RSD	.8415049	4.661850	6.115182	1.316772	.5970997	.2754613	.0452966
#1	3.077080	41.70560	38.97409	4.838619	9.716602	119.0496	125.1691
#2	3.113918	39.04375	35.74325	4.929570	9.799000	119.5142	125.2493

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3073.846	3.415797	11.55275	1303.779
SDev	11.213	.507341	.03235	6.259
%RSD	.3647893	14.85278	.2800599	.4800726
#1	3065.918	3.057053	11.52987	1299.353
#2	3081.775	3.774541	11.57563	1308.205

Method: STL3 Sample Name: 220-7956-A-28-A Operator: NP
Run Time: 02/12/09 15:46:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4774271	31357.99	20.59487	6.825985	97.16658	1.687479	2977.124
SDev	.1188496	84.41	.36814	.407580	.66491	.000184	14.988
%RSD	24.89376	.2691758	1.787550	5.971005	.6843033	.0109296	.5034229
#1	.3933878	31417.67	20.85519	7.114188	96.69641	1.687348	2966.526
#2	.5614665	31298.30	20.33455	6.537783	97.63674	1.687609	2987.721

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.10343	14.77956	2265.507	87.40562	42677.69	1087.265	3548.605
SDev	.17757	.00817	12.254	.40157	225.55	1.671	19.234
%RSD	.8033706	.0552819	.5409039	.4594355	.5284975	.1537207	.5420293
#1	21.97786	14.78534	2256.842	87.12167	42518.20	1086.083	3535.004
#2	22.22899	14.77378	2274.172	87.68958	42837.18	1088.447	3562.206

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.4304	7.430208	83.87489	79.87965	185.3926	3.715908	.5291174
SDev	2.6988	.171558	.21578	1.01996	.8919	.183791	.6603525
%RSD	.5287347	2.308920	.2572654	1.276866	.4810814	4.946053	124.8026
#1	508.5220	7.551518	83.72231	80.60087	184.7620	3.845868	.0621777
#2	512.3388	7.308899	84.02747	79.15843	186.0233	3.585948	.9960570

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8715239	186.7265	184.7259	3.451316	4.244785	69.16011	250.0384
SDev	3.811683	.5696	1.6216	.005648	.563379	1.04291	1.7439
%RSD	437.3584	.3050647	.8778181	.1636433	13.27225	1.507959	.6974444
#1	-1.82374	187.1293	183.5793	3.447322	4.643154	68.42266	248.8053
#2	3.566791	186.3237	185.8725	3.455310	3.846417	69.89755	251.2715

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2641.796	6.248875	32.91919	797.0372
SDev	5.927	1.086883	.00031	1.2555
%RSD	.2243494	17.39326	.0009505	.1575234
#1	2637.606	5.480332	32.91941	796.1494
#2	2645.987	7.017417	32.91897	797.9250

Method: STL3 Sample Name: 220-7956-A-29-A Operator: NP
Run Time: 02/12/09 15:52:20
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2370635	6883.991	1.160279	.9645626	19.76713	1.002217	306.6192
SDev	.0281489	16.108	.460955	.0812254	.01425	.000147	1.0104
%RSD	11.87398	.2339884	39.72789	8.420957	.0720775	.0146683	.3295230
#1	.2171592	6872.602	1.486223	1.021998	19.77721	1.002321	305.9047
#2	.2569677	6895.381	.8343352	.9071276	19.75706	1.002113	307.3336

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.648323	4.858265	27.27416	10.90040	22639.43	398.2698	1026.994
SDev	.105347	.267921	.60840	.14950	5.51	.0000	.706
%RSD	16.24910	5.514742	2.230691	1.371540	.0243279	.0000000	.0687596
#1	-.722815	4.668816	27.70437	11.00611	22635.54	398.2698	1027.493
#2	-.573832	5.047713	26.84396	10.79468	22643.33	398.2698	1026.495

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	355.5944	2.047098	23.66563	8.549578	5.074920	2.579628	-2.64308
SDev	1.8063	1.222348	.08631	.445855	1.135442	.185097	.37588
%RSD	.5079684	59.71125	.3647061	5.214936	22.37360	7.175331	14.22138
#1	356.8717	1.182768	23.60460	8.234310	5.877799	2.448745	-2.37729
#2	354.3172	2.911429	23.72666	8.864844	4.272041	2.710511	-2.90887

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.182670	4.482810	5.369682	2.123462	3.492328	23.33540	27.58336
SDev	.003104	.589742	1.996812	.076673	.709423	.42185	.55235
%RSD	.0975397	13.15563	37.18679	3.610765	20.31376	1.807758	2.002472
#1	3.180475	4.065799	6.781642	2.177678	2.990690	23.03710	27.19279
#2	3.184865	4.899820	3.957723	2.069246	3.993966	23.63369	27.97393

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1414.673	1.991708	3.066694	193.7954
SDev	5.133	2.254007	.004033	.4558
%RSD	.3628520	113.1696	.1315135	.2351831
#1	1411.044	.3978840	3.063842	194.1177
#2	1418.303	3.585532	3.069545	193.4731

Method: STL3 Sample Name: 220-7956-A-30-A Operator: NP
Run Time: 02/12/09 16:03:32
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.018616	27372.29	7.883392	3.785274	46.83528	1.677112	1166.939
SDev	.152437	63.35	2.472675	.124817	.03325	.000238	8.925
%RSD	818.8280	.2314420	31.36562	3.297424	.0709895	.0141938	.7648270
#1	-.126406	27327.49	6.134947	3.873533	46.85879	1.677280	1160.628
#2	.0891726	27417.09	9.631838	3.697016	46.81177	1.676944	1173.250

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.45053	14.97023	54.62045	23.48052	40521.25	1021.083	4122.664
SDev	.11607	.39844	.44235	.20659	34.25	1.671	3.932
%RSD	8.002026	2.661535	.8098548	.8798229	.0845248	.1636757	.0953812
#1	-1.53260	14.68850	54.30767	23.62660	40497.03	1019.902	4119.884
#2	-1.36845	15.25197	54.93324	23.33444	40545.46	1022.265	4125.445

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	366.4157	1.789316	74.01802	25.55597	13.86916	1.212511	-.778632
SDev	.5698	.471783	.43157	.77709	.27387	.445514	.887230
%RSD	.1555060	26.36670	.5830573	3.040725	1.974661	36.74311	113.9472
#1	366.8186	1.455714	74.32319	25.00649	13.67551	.8974845	-1.40600
#2	366.0128	2.122917	73.71286	26.10545	14.06282	1.527537	-.151266

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.877799	14.75108	13.42826	-.728562	5.099284	50.06805	63.98285
SDev	.013859	.64631	.73327	.191744	1.721945	.72035	.47163
%RSD	.7380216	4.381457	5.460648	26.31819	33.76836	1.438739	.7371268
#1	1.867999	15.20809	12.90976	-.592979	3.881685	49.55868	63.64935
#2	1.887598	14.29406	13.94676	-.864146	6.316883	50.57741	64.31634

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2669.813	.6294876	13.02484	975.5432
SDev	7.890	1.853127	.03667	.7219
%RSD	.2955279	294.3866	.2815735	.0740008
#1	2664.234	1.939846	13.05077	976.0536
#2	2675.392	-.680871	12.99891	975.0327

Method: STL3 Sample Name: 220-7956-A-31-A Operator: NP
Run Time: 02/12/09 16:09:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1308842	8794.078	2.384330	.6620138	17.10734	.9966970	339.9603
SDev	.1353759	57.168	.657752	.4093568	.09974	.0122265	3.0312
%RSD	103.4319	.6500730	27.58644	61.83509	.5830031	1.226698	.8916228
#1	.2266094	8753.654	1.919229	.9514728	17.03681	1.005342	337.8169
#2	.0351589	8834.502	2.849430	.3725548	17.17786	.9880515	342.1036

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6344127	4.506417	41.63668	9.017987	18317.10	399.4516	1073.941
SDev	.1205004	.135460	.11890	.034473	71.34	1.6713	6.490
%RSD	18.99401	3.005935	.2855622	.3822666	.3894745	.4184060	.6043468
#1	.5492060	4.602202	41.55261	9.042363	18266.66	400.6334	1069.352
#2	.7196193	4.410633	41.72076	8.993611	18367.55	398.2698	1078.530

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	298.1467	2.623318	31.44737	7.851049	4.254795	2.061482	-2.72858
SDev	1.1397	.021445	.38841	.158351	1.502757	1.153625	.44352
%RSD	.3822487	.8174629	1.235126	2.016946	35.31913	55.96096	16.25449
#1	297.3408	2.608155	31.17272	7.739077	5.317404	1.245745	-2.41496
#2	298.9525	2.638482	31.72202	7.963020	3.192186	2.877217	-3.04219

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.868382	5.625353	3.569744	1.783880	2.616417	14.92774	23.39737
SDev	.115078	.126864	2.189672	1.042885	1.375579	.46110	.39038
%RSD	13.25201	2.255213	61.33975	58.46160	52.57491	3.088885	1.668500
#1	-.787010	5.715059	5.118076	1.046449	1.643736	15.25379	23.12132
#2	-.949755	5.535647	2.021412	2.521311	3.589098	14.60169	23.67341

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1627.963	3.734586	4.952300	282.0787
SDev	7.347	.182341	.012099	1.2950
%RSD	.4513228	4.882498	.2443143	.4590954
#1	1622.768	3.863521	4.943745	281.1630
#2	1633.158	3.605651	4.960856	282.9944

Method: STL3 Sample Name: 220-7956-A-32-A Operator: NP
Run Time: 02/12/09 16:15:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0555845	12135.04	6.635046	1.235731	28.42155	1.215637	280.3035
SDev	.0512429	35.64	4.680767	.084649	.23747	.038079	8.9251
%RSD	92.18924	.2936878	70.54612	6.850150	.8355262	3.132404	3.184080
#1	.0193503	12109.84	9.944848	1.175875	28.25363	1.188711	273.9925
#2	.0918187	12160.24	3.325244	1.295587	28.58947	1.242563	286.6145

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.37358	11.14978	18.28173	12.25453	31815.81	954.9020	3045.790
SDev	.12129	.22510	.24947	.27546	163.66	8.3566	40.311
%RSD	8.830595	2.018897	1.364603	2.247797	.5143833	.8751246	1.323509
#1	-1.45934	10.99061	18.10532	12.05975	31700.08	948.9930	3017.286
#2	-1.28781	11.30896	18.45813	12.44931	31931.53	960.8110	3074.294

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	709.9020	2.198735	30.19618	14.42019	5.437381	4.654622	-.758602
SDev	3.8062	.321671	.43157	.20224	.814420	.957544	.773290
%RSD	.5361558	14.62980	1.429230	1.402446	14.97818	20.57189	101.9362
#1	707.2106	2.426191	29.89102	14.27719	4.861498	3.977537	-1.30540
#2	712.5933	1.971280	30.50135	14.56319	6.013263	5.331708	-.211803

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.747648	12.21370	2.053402	5.667685	2.624255	23.88028	29.33246
SDev	1.451223	5.62761	4.030606	.671648	4.220820	.03148	1.41506
%RSD	25.24899	46.07622	196.2892	11.85048	160.8388	.1318299	4.824210
#1	6.773818	16.19302	-.796667	6.142611	-.360315	23.90254	28.33186
#2	4.721479	8.234378	4.903471	5.192758	5.608825	23.85802	30.33306

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1697.456	2.524755	3.563191	619.5422
SDev	30.626	2.094881	.024137	1.5830
%RSD	1.804253	82.97362	.6774126	.2555053
#1	1675.800	4.006060	3.546123	618.4229
#2	1719.112	1.043451	3.580258	620.6615

Method: STL3 Sample Name: MB 220-24277/1-A Operator: NP
Run Time: 02/12/09 16:20:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1278429	L-39.7731	-2.74943	3.085104	.0201500	.4980312	L-20.1237
SDev	.1017210	.9019	1.91735	.040274	.0237470	.0250659	.3368
%RSD	79.56718	2.267630	69.73619	1.305429	117.8511	5.032991	1.673624
#1	.0559153	L-40.4109	-4.10520	3.113581	.0033583	.4803070	L-20.3619
#2	.1997705	L-39.1354	-1.39366	3.056626	.0369416	.5157555	L-19.8856

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.150084	.5807495	-.076161	1.718968	27.53026	3.545370	2.946361
SDev	.022078	.3978316	.310536	.057078	2.51299	3.342672	.462723
%RSD	14.71046	68.50314	407.7344	3.320458	9.128118	94.28274	15.70491
#1	-.134472	.2994401	.1434208	1.678608	29.30722	1.181744	2.619166
#2	-.165695	.8620589	-.295743	1.759328	25.75331	5.908996	3.273555

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.091277	.5458928	1.602122	.3306978	-.575062	-.868197	-.427496
SDev	.053769	.5575620	.129471	.1382974	1.236000	.081438	1.997094
%RSD	58.90700	102.1376	8.081205	41.81989	214.9335	9.380133	467.1603
#1	-.053257	.1516369	1.693671	.2329067	-1.44905	-.810611	.9846619
#2	-.129298	.9401487	1.510572	.4284889	.2989221	-.925782	-1.83965

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.428009	-.814329	-.456257	-.940270	-.724935	-.482830	.8948311
SDev	1.297877	1.191638	2.448069	.327718	.901120	.096290	.1586217
%RSD	303.2362	146.3337	536.5549	34.85360	124.3036	19.94287	17.72644
#1	-1.34575	.0282864	-2.18730	-1.17200	-.087747	-.414743	1.006994
#2	.4897290	-1.65694	1.274789	-.708538	-1.36212	-.550917	.7826686

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	21.37315	1.552114	-.188781	.9423866
SDev	2.13791	.494608	.004047	.3683741
%RSD	10.00279	31.86670	2.143790	39.08948
#1	22.88488	1.901855	-.191643	1.202866
#2	19.86142	1.202374	-.185920	.6819069

Method: STL3 Sample Name: LCS 220-24277/2-A Operator: NP
Run Time: 02/12/09 16:26:28
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	335.0167	6321.738	1089.220	1152.314	335.9707	122.3037	33514.61
SDev	3.8308	36.452	9.311	11.638	2.5077	1.3344	503.51
%RSD	1.143479	.5766121	.8548065	1.010005	.7463966	1.091057	1.502367
#1	332.3079	6295.963	1082.637	1144.084	334.1975	121.3601	33158.57
#2	337.7255	6347.514	1095.804	1160.543	337.7439	123.2472	33870.64

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	337.5027	328.7032	342.2360	330.6507	27600.74	20353.12	16385.00
SDev	3.8589	3.2017	4.1566	2.0128	306.34	61.84	142.87
%RSD	1.143362	.9740543	1.214556	.6087517	1.109889	.3038290	.8719736
#1	334.7740	326.4392	339.2968	329.2274	27384.13	20309.40	16283.97
#2	340.2313	330.9671	345.1752	332.0740	27817.35	20396.85	16486.03

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	228.2979	1142.796	33051.88	345.0958	1084.130	542.4982	1150.028
SDev	2.4840	14.883	69.05	4.6212	13.242	4.9868	7.951
%RSD	1.088057	1.302301	.2089159	1.339120	1.221394	.9192246	.6913654
#1	226.5415	1132.273	33003.06	341.8281	1074.767	538.9720	1144.406
#2	230.0544	1153.320	33100.71	348.3635	1093.493	546.0244	1155.650

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1034.769	1081.898	1085.244	542.3972	542.6993	336.8745	343.6408
SDev	13.344	2.623	18.543	4.4801	6.0016	3.4482	4.0979
%RSD	1.289576	.2424199	1.708631	.8259890	1.105880	1.023574	1.192486
#1	1025.333	1080.043	1072.132	539.2292	538.4556	334.4363	340.7431
#2	1044.205	1083.752	1098.356	545.5651	546.9431	339.3127	346.5384

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1118.013	1147.780	-.672273	1131.327
SDev	11.228	9.993	.010574	9.898
%RSD	1.004297	.8706277	1.572838	.8749270
#1	1110.073	1140.714	-.664796	1124.328
#2	1125.952	1154.846	-.679749	1138.326

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 02/12/09 16:32:13
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.45084	4938.222	521.7170	513.0535	514.8455	523.6158	19675.54
SDev	.10751	7.988	2.6278	.6598	.7172	1.2447	69.55
%RSD	.2049733	.1617606	.5036799	.1286036	.1393051	.2377100	.3534805
#1	52.52685	4943.870	523.5751	513.5201	514.3384	524.4960	19724.72
#2	52.37481	4932.573	519.8589	512.5870	515.3527	522.7357	19626.37

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	516.3845	503.5293	522.1892	491.3155	5228.256	19035.41	19349.03
SDev	1.2089	4.9074	1.2897	1.3186	7.406	60.17	25.48
%RSD	.2341103	.9745939	.2469880	.2683808	.1416463	.3160899	.1316684
#1	517.2393	506.9993	523.1012	492.2479	5233.493	19077.95	19367.04
#2	515.5297	500.0593	521.2772	490.3831	5223.020	18992.86	19331.01

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.4981	510.7131	21376.17	530.7289	498.8415	500.1496	509.1408
SDev	1.4301	.7720	36.42	1.2687	.3629	4.3643	2.7430
%RSD	.2758151	.1511645	.1703967	.2390455	.0727566	.8725998	.5387456
#1	519.5093	511.2590	21401.92	529.8319	499.0982	503.2356	507.2012
#2	517.4869	510.1672	21350.41	531.6260	498.5849	497.0635	511.0804

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481.3304	491.7953	502.3584	499.2805	501.8892	510.0040	530.5720
SDev	.1237	5.6806	2.2920	5.7268	1.6353	1.0303	1.0286
%RSD	.0256934	1.155077	.4562460	1.147009	.3258360	.2020177	.1938732
#1	481.2430	495.8122	500.7377	503.3300	503.0455	510.7325	531.2993
#2	481.4178	487.7786	503.9791	495.2311	500.7328	509.2754	529.8446

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	529.5657	491.2465	510.0823	498.1104
SDev	4.5423	3.4880	1.8594	1.3216
%RSD	.8577468	.7100382	.3645321	.2653218
#1	532.7776	488.7801	511.3971	499.0449
#2	526.3538	493.7129	508.7675	497.1759

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 02/12/09 16:38:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0044468	-29.3667	-3.69547	1.293451	.0604500	.5690911	1.547979
SDev	.0961385	3.2121	1.69060	.322025	.0522434	.0754445	.000000
%RSD	2161.986	10.93787	45.74807	24.89653	86.42416	13.25702	.0000000
#1	.0724270	-31.6380	-4.89090	1.521157	.0973916	.6224384	1.547979
#2	-.063533	-27.0954	-2.50003	1.065746	.0235083	.5157437	1.547979

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.093702	.0294428	.2953876	1.474526	15.44416	10.63625	2.455690
SDev	.033541	.0679899	.0476996	.011058	.26768	.00000	2.083736
%RSD	35.79535	230.9220	16.14815	.7499632	1.733223	.0000000	84.85338
#1	-.117419	.0775189	.2616589	1.482346	15.63344	10.63625	.9822662
#2	-.069985	-.018633	.3291163	1.466707	15.25488	10.63625	3.929114

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.015274	3.563467	1.464796	.1054497	-.223209	.4955778	4.205809
SDev	.010788	1.265237	.798404	.1370508	.636736	5.140326	3.010451
%RSD	70.62859	35.50579	54.50612	129.9679	285.2640	1037.239	71.57841
#1	-.007646	4.458125	2.029353	.0085402	-.673450	4.130337	6.334519
#2	-.022902	2.668809	.9002396	.2023593	.2270310	-3.13918	2.077099

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.126317	-.385474	-.142899	-.231848	1.951614	-.758154	-.392456
SDev	.408992	1.941423	.014488	6.382811	2.651624	.396692	.554310
%RSD	19.23479	503.6460	10.13880	2753.010	135.8683	52.32346	141.2413
#1	1.837115	-1.75827	-.132654	4.281481	3.826595	-.477650	-.784412
#2	2.415518	.9873198	-.153143	-4.74518	.0766328	-1.03866	-.000500

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-4.02567	5.110964	.0286348	.6069985
SDev	1.14855	5.219491	.0121625	.2659029
%RSD	28.53058	102.1234	42.47462	43.80618
#1	-3.21352	8.801702	.0372350	.7950202
#2	-4.83781	1.420227	.0200346	.4189768

Method: STL3 Sample Name: LB 220-24194/1-E Operator: NP
Run Time: 02/12/09 16:43:45
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1798856	L-40.2808	2.449819	3.441277	.3492664	.5778428	-2.97688
SDev	.1748584	1.6028	1.272231	.061227	.0237470	.0125658	.67359
%RSD	97.20531	3.979182	51.93164	1.779196	6.799099	2.174603	22.62740
#1	.0562421	L-41.4142	3.349422	3.484571	.3324747	.5867282	-3.45319
#2	.3035291	L-39.1475	1.550215	3.397983	.3660580	.5689575	-2.50058

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0180662	.8649894	-.211126	2.805081	20.07752	50.81776	2.619458
SDev	.1559774	.1933358	.382256	.287415	4.68694	3.34267	.926135
%RSD	863.3675	22.35123	181.0557	10.24623	23.34420	6.577765	35.35599
#1	-.092227	.7282804	-.481422	2.601848	16.76336	48.45413	1.964581
#2	.1283589	1.001699	.0591696	3.008315	23.39168	53.18138	3.274334

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.007596	1.789316	H150630.6	.7081959	1.198181	4.108060	-5.42651
SDev	.000008	1.758465	116.6	.2973818	.714367	1.037964	.33363
%RSD	.0991464	98.27586	.0774341	41.99146	59.62091	25.26651	6.148062
#1	-.007602	3.032738	H150548.1	.4979152	.6930478	4.842011	-5.19060
#2	-.007591	.5458928	H150713.1	.9184765	1.703315	3.374109	-5.66242

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.15240	3.418851	.0887612	6.436406	-.556825	.0727016	4.139861
SDev	3.95922	.442040	1.291773	1.812361	.513441	.0836826	.000813
%RSD	343.5644	12.92948	1455.335	28.15797	92.20863	115.1042	.0196448
#1	1.647198	3.731421	-.824660	7.717939	-.919882	.0135291	4.139286
#2	-3.95199	3.106282	1.002183	5.154873	-.193768	.1318742	4.140436

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	30.17577	-.457743	.0516636	.3730112
SDev	.37095	5.249894	.0040400	.0569101
%RSD	1.229307	1146.909	7.819858	15.25694
#1	29.91347	3.254493	.0488069	.3327697
#2	30.43808	-4.16998	.0545203	.4132527

Method: STL3 Sample Name: 220-7977-B-6-C Operator: NP
Run Time: 02/12/09 16:49:30
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0965835	L-29.4363	.7603106	117.0806	163.7455	.5602616	H138274.0
SDev	.0289659	4.9078	1.722098	.5228	.6982	.0376913	351.3
%RSD	29.99057	16.67255	226.4993	.4465337	.4263704	6.727453	.2540443
#1	.0761015	L-32.9066	-.457397	117.4503	163.2518	.5869134	H138025.7
#2	.1170655	L-25.9660	1.978018	116.7109	164.2391	.5336098	H138522.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2969036	1.013434	.2544332	2.529609	28.86999	620.4499	11282.75
SDev	.1167333	.296202	.2887636	.103214	4.44078	3.3427	52.13
%RSD	39.31690	29.22759	113.4929	4.080232	15.38199	.5387615	.4620676
#1	.3794465	.8039874	.4586199	2.602592	32.01010	618.0863	11245.89
#2	.2143607	1.222881	.0502465	2.456626	25.72988	622.8137	11319.61

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1388.643	1.061458	H151147.4	.7306336	.3952167	5.116827	-5.84006
SDev	6.161	.128668	247.9	.4789088	1.986539	2.250389	1.38563
%RSD	.4436603	12.12184	.1640096	65.54706	502.6455	43.98017	23.72627
#1	1384.287	1.152440	H151322.7	1.069273	-1.00948	3.525562	-4.86027
#2	1392.999	.9704761	H150972.1	.3919939	1.799912	6.708093	-6.81985

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.131321	3.075495	-.943613	7.764552	-.187874	-.640100	11.22960
SDev	4.988634	2.244343	1.857830	1.676085	3.400580	.129108	.07829
%RSD	234.0630	72.97503	196.8848	21.58638	1810.034	20.16998	.6971632
#1	-1.39618	1.488504	-2.25730	6.579381	-2.59245	-.548807	11.17424
#2	5.658818	4.662485	.3700716	8.949723	2.216700	-.731393	11.28496

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	456.6810	-1.61431	447.9953	.9156774
SDev	3.7633	.58682	.4953	.0314561
%RSD	.8240644	36.35139	.1105656	3.435281
#1	454.0199	-1.19936	447.6451	.8934346
#2	459.3420	-2.02925	448.3456	.9379203

Method: STL3 Sample Name: 220-8008-A-20-C Operator: NP
Run Time: 02/12/09 16:55:14
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0450716	4503.236	-.218443	105.4521	63.99635	.6046752	52012.73
SDev	.2599939	18.113	1.455751	1.8307	.46069	.0251672	587.04
%RSD	576.8461	.4022307	666.4228	1.736030	.7198756	4.162101	1.128646
#1	-.138772	4490.428	-1.24781	104.1577	63.67059	.6224710	51597.63
#2	.2289151	4516.044	.8109288	106.7466	64.32210	.5868792	52427.83

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.39214	3.649644	6.258425	5948.092	267.3771	558.9959	1027.303
SDev	.34034	.099950	.011539	25.838	6.3497	3.3426	8.114
%RSD	.6890656	2.738611	.1843776	.4343924	2.374793	.5979679	.7898171
#1	49.15148	3.578969	6.250265	5929.821	262.8873	556.6323	1021.566
#2	49.63280	3.720320	6.266584	5966.362	271.8670	561.3594	1033.041

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	250.4450	.7733480	H149524.2	75.72255	324.8670	3.180391	-3.95344
SDev	1.5698	.4074493	89.8	.38846	2.6218	1.004666	.98817
%RSD	.6268213	52.68641	.0600293	.5130014	.8070332	31.58938	24.99524
#1	249.3349	.4852378	H149460.8	75.44787	323.0131	3.890796	-3.25470
#2	251.5550	1.061458	H149587.7	75.99723	326.7209	2.469985	-4.65219

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8615804	323.5572	325.5203	5.495592	-1.45817	-.917533	5111.787
SDev	2.599147	4.8678	1.5006	2.661367	2.31371	.259820	66.781
%RSD	301.6720	1.504460	.4609902	48.42730	158.6727	28.31720	1.306402
#1	-.976294	320.1151	324.4592	7.377462	-3.09421	-1.10125	5064.566
#2	2.699455	326.9992	326.5814	3.613721	.1778745	-.733813	5159.008

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	290.8721	.1371564	96.55137	.6652323
SDev	2.1507	2.007248	.28768	.0010119
%RSD	.7393863	1463.474	.2979584	.1521065
#1	289.3513	1.556495	96.34795	.6659478
#2	292.3928	-1.28218	96.75479	.6645168

Method: STL3 Sample Name: 220-7955-A-1-F Operator: NP
Run Time: 02/12/09 17:00:58
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.007659	-6.64756	.4188021	71.09825	245.5208	.6491124	46372.25
SDev	.061589	2.70458	2.214942	.18095	.7932	.0126106	250.75
%RSD	804.0954	40.68529	528.8755	.2545026	.3230495	1.942744	.5407258
#1	.0358906	-8.55999	1.985003	71.22620	244.9600	.6401954	46194.94
#2	-.051209	-4.73513	-1.14740	70.97031	246.0817	.6580294	46549.56

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0170170	.5880868	.4782490	9.746962	24.79005	710.2675	1411.779
SDev	.2190609	.4282814	.1686490	.217903	3.06795	3.3426	7.437
%RSD	1287.302	72.82621	35.26385	2.235595	12.37573	.4706137	.5267613
#1	-.137882	.2852462	.5975019	9.901042	26.95941	707.9039	1406.521
#2	.1719165	.8909275	.3589962	9.592881	22.62068	712.6311	1417.038

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	644.0591	.8946576	H149807.6	1.185156	4.247672	3.347783	-4.79541
SDev	4.3223	.1072235	81.9	.410387	1.905371	.658373	.23727
%RSD	.6710980	11.98487	.0546499	34.62729	44.85684	19.66593	4.947815
#1	641.0028	.8188391	H149749.7	1.475343	2.900371	2.882243	-4.96318
#2	647.1154	.9704761	H149865.5	.8949680	5.594973	3.813322	-4.62763

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3350253	5.735147	3.504299	4.834799	.3681850	-.406810	12.52890
SDev	2.728842	4.361409	.679264	1.425828	.8789843	.101100	.07974
%RSD	814.5182	76.04703	19.38374	29.49095	238.7344	24.85203	.6364688
#1	2.264608	2.651165	3.023987	3.826586	.9897207	-.335321	12.58528
#2	-1.59456	8.819129	3.984612	5.843011	-.253351	-.478298	12.47251

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	267.5949	-2.59713	62.57295	.8604693
SDev	.8857	2.10011	.13258	.1303079
%RSD	.3309678	80.86278	.2118761	15.14382
#1	266.9686	-4.08214	62.47920	.7683278
#2	268.2211	-1.11213	62.66669	.9526110

Method: STL3 Sample Name: 220-7945-B-1-C Operator: NP
Run Time: 02/12/09 17:06:42
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.164130	L-37.9271	-.740018	96.80617	30.54402	.6045913	75686.47
SDev	.129844	.5011	2.155607	1.50956	.17098	.0251296	1446.37
%RSD	79.11029	1.321173	291.2913	1.559359	.5597823	4.156460	1.911002
#1	-.255943	L-38.2814	-2.26426	95.73875	30.42311	.6223605	74663.73
#2	-.072317	L-37.5727	.7842267	97.87359	30.66492	.5868219	76709.21

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.347588	.0603633	74.67014	2.537678	20.08609	6171.409	3825.799
SDev	.295589	.1661006	1.31382	.022859	.55984	1.671	34.267
%RSD	85.04016	275.1682	1.759501	.9007748	2.787214	.0270836	.8956882
#1	-.138575	.1778141	73.74113	2.553842	19.69022	6172.591	3801.568
#2	-.556601	-.057088	75.59915	2.521514	20.48196	6170.227	3850.030

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.581314	1.197931	6465.340	.5072072	.2336839	.1991723	-1.12693
SDev	.010752	.321671	1.920	.9748424	.3105010	3.224375	.89627
%RSD	.6799462	26.85216	.0297026	192.1981	132.8722	1618.888	79.53213
#1	1.573711	1.425387	6466.698	1.196525	.4532413	-2.08081	-1.76069
#2	1.588917	.9704761	6463.982	-.182111	.0141265	2.479150	-.493170

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.922382	1.649398	-.473712	1.408037	-2.22319	-.837275	1.361203
SDev	3.822827	.547062	.192398	4.955933	.24394	.003398	.238553
%RSD	64.54880	33.16734	40.61499	351.9746	10.97251	.4058864	17.52513
#1	3.219236	2.036229	-.337666	-2.09634	-2.05070	-.834872	1.192521
#2	8.625529	1.262568	-.609758	4.912411	-2.39568	-.839678	1.529885

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2692.547	L-13.4732	482.2341	.3350682
SDev	31.597	1.2354	2.5359	.0480486
%RSD	1.173496	9.169088	.5258694	14.33994
#1	2670.204	L-14.3467	480.4409	.3010927
#2	2714.889	L-12.5996	484.0272	.3690436

Method: STL3 Sample Name: 220-8025-G-1-B Operator: NP
Run Time: 02/12/09 17:12:25
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.059136	354.7314	31.24595	49.89376	58.60959	.5946474	54922.46
SDev	.101654	.3052	.88760	.26183	.30871	.0628058	800.56
%RSD	171.8990	.0860353	2.840676	.5247825	.5267259	10.56185	1.457625
#1	.0127443	354.5156	31.87358	49.70862	58.39129	.6390578	54356.38
#2	-.131016	354.9472	30.61833	50.07891	58.82788	.5502370	55488.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0948935	.4397128	.2014096	1.748472	17.78659	27754.80	17697.18
SDev	.2062424	.0012737	.1076547	.240951	3.86788	53.48	89.84
%RSD	217.3410	.2896661	53.45064	13.78069	21.74603	.1926941	.5076349
#1	.2407289	.4406135	.2775330	1.578093	20.52160	27716.98	17633.66
#2	-.050942	.4388122	.1252862	1.918850	15.05159	27792.61	17760.71

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.09511	93.75710	H156087.7	1.559274	.0148769	4.291869	12.40468
SDev	.25803	.32167	399.3	.526034	1.159628	1.330302	.79944
%RSD	1.284026	.3430888	.2558282	33.73584	7794.819	30.99588	6.444665
#1	19.91266	93.98456	H156370.1	1.187312	-.805104	3.351203	12.96997
#2	20.27756	93.52965	H155805.4	1.931236	.8348575	5.232534	11.83939

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.062420	1.633769	-.794105	5.984282	.9009474	9.950966	2.808162
SDev	1.979028	2.430549	.525190	3.162513	2.339621	.233407	.079400
%RSD	186.2755	148.7695	66.13610	52.84699	259.6845	2.345567	2.827470
#1	-.336964	-.084889	-1.16547	3.748048	2.555309	10.11601	2.752018
#2	2.461803	3.352427	-.422740	8.220516	-.753414	9.785922	2.864306

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1776.277	-8.58122	976.2003	.4382400
SDev	6.980	1.54411	6.3360	.1015270
%RSD	.3929423	17.99408	.6490510	23.16699
#1	1771.342	-7.48937	971.7200	.3664496
#2	1781.213	-9.67307	980.6805	.5100305

Method: STL3 Sample Name: 220-8024-A-21-A Operator: NP
Run Time: 02/12/09 17:18:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0161934	L-44.7266	-1.20368	-5.73777	.0335833	.5956649	L-11.1931
SDev	.0678355	1.5095	.57272	.16212	.0332458	.0376790	1.8524
%RSD	418.9083	3.374863	47.58047	2.825530	98.99495	6.325528	16.54931
#1	.0641603	L-43.6592	-.798711	-5.62313	.0570916	.5690218	-9.88326
#2	-.031774	L-45.7939	-1.60866	-5.85241	.0100750	.6223079	L-12.5029

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0359599	.4214304	.0336663	1.880817	17.17965	11.81808	2.291338
SDev	.1282570	.2294796	.3226202	.263581	2.74506	5.01398	.462931
%RSD	356.6664	54.45255	958.2892	14.01417	15.97852	42.42639	20.20350
#1	-.054731	.2591638	-.194461	2.067197	15.23861	8.272656	1.963997
#2	.1266513	.5836970	.2617932	1.694437	19.12070	15.36350	2.618679

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.114098	1.304077	52.16814	.9243864	.8114239	-1.51418	-3.06928
SDev	.021463	.343115	18.25541	1.338122	.6772544	.80402	.18908
%RSD	18.81096	26.31096	34.99341	144.7579	83.46493	53.09945	6.160238
#1	-.098922	1.546696	65.07667	-.021809	1.290315	-2.08270	-3.20298
#2	-.129275	1.061458	39.25962	1.870581	.3325327	-.945649	-2.93559

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.045167	.1903391	1.120851	-2.71317	.8863037	-.619204	.6716710
SDev	6.079515	1.031047	.500694	.36673	1.680055	.456466	.1588831
%RSD	13460.09	541.6897	44.67086	13.51664	189.5574	73.71817	23.65490
#1	-4.34403	.9193997	1.474895	-2.97248	-.301674	-.941974	.5593237
#2	4.253699	-.538721	.7668070	-2.45385	2.074282	-.296434	.7840184

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	L-24.8786	.0880068	-.154568	.2661211
SDev	2.3819	.3398316	.020232	.0569446
%RSD	9.574223	386.1423	13.08932	21.39801
#1	L-23.1943	-.152290	-.140262	.2258552
#2	L-26.5629	.3283041	-.168874	.3063871

Method: STL3 Sample Name: 220-8007-G-1-B Operator: NP
Run Time: 02/12/09 17:23:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.867027	422.3100	-1.98987	102.3895	24.77776	.5960287	11213.81
SDev	.265445	8.5185	1.22585	.8054	.08074	.0125251	127.14
%RSD	9.258536	2.017123	61.60454	.7866248	.3258562	2.101421	1.133791
#1	2.679329	416.2865	-2.85668	101.8200	24.72067	.6048853	11123.91
#2	3.054725	428.3335	-1.12306	102.9591	24.83485	.5871722	11303.71

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0880266	.5769441	1.011115	93.57179	958.8529	28045.52	2679.325
SDev	.0490133	.0319642	.000202	.50465	2.4860	367.69	25.007
%RSD	55.68015	5.540261	.0199998	.5393136	.2592645	1.311057	.9333383
#1	.1226842	.5543420	1.011258	93.21496	960.6108	27785.52	2661.643
#2	.0533689	.5995462	1.010972	93.92863	957.0951	28305.52	2697.008

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.18589	3.063065	46429.78	2.415123	3.887149	2.996250	-3.17757
SDev	.24725	.300226	526.69	.334534	.215442	4.722622	.18716
%RSD	.7027011	9.801482	1.134379	13.85161	5.542419	157.6178	5.890049
#1	35.01105	3.275357	46057.36	2.651674	3.734808	6.335648	-3.04523
#2	35.36072	2.850774	46802.21	2.178573	4.039489	-.343148	-3.30991

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.394141	6.449090	2.607299	2.728495	3.531464	-.487539	1409.543
SDev	.067121	1.073587	.858991	6.460251	1.242006	.488804	21.047
%RSD	2.803568	16.64711	32.94561	236.7698	35.16973	100.2594	1.493188
#1	2.346679	7.208231	1.999901	7.296582	4.409695	-.141902	1394.661
#2	2.441603	5.689949	3.214697	-1.83959	2.653233	-.833175	1424.426

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1533.107	7.205913	28.00752	1.905357
SDev	23.442	.432290	.17166	.015149
%RSD	1.529023	5.999098	.6129059	.7950659
#1	1516.532	6.900238	27.88613	1.916068
#2	1549.683	7.511588	28.12890	1.894645

Method: STL3 Sample Name: 220-8015-C-5-A Operator: NP
Run Time: 02/12/09 17:29:38
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.388267	63.07668	-3.39200	7.834447	113.8978	.5963016	H104907.3
SDev	.407327	2.40652	.86320	1.085649	.7314	.0126253	2826.6
%RSD	104.9088	3.815237	25.44810	13.85738	.6421591	2.117260	2.694345
#1	-.676291	64.77834	-4.00237	7.066777	113.3806	.6052290	H102908.7
#2	-.100244	61.37500	-2.78162	8.602117	114.4150	.5873742	H106906.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.145402	.0759711	-.530588	2.237721	672.4951	3493.429	22807.73
SDev	.221995	.0973567	.284859	.011633	13.2741	1.671	305.20
%RSD	152.6765	128.1498	53.68739	.5198381	1.973863	.0478452	1.338134
#1	-.302376	.1448127	-.732014	2.245947	663.1088	3494.611	22591.92
#2	.0115719	.0071294	-.329163	2.229496	681.8813	3492.247	23023.54

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	360.6177	1.213095	95645.45	.0372781	.2125190	1.456810	-.493438
SDev	5.6448	.428894	145.72	.2177966	.6338687	.253784	2.631684
%RSD	1.565324	35.35535	.1523535	584.2488	298.2645	17.42053	533.3364
#1	356.6263	.9098211	95542.41	.1912835	.6607319	1.277358	-2.35432
#2	364.6092	1.516369	95748.49	-.116727	-.235694	1.636263	1.367443

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.223380	4.472576	-1.91502	2.070715	.2261569	-.467059	2.336218
SDev	4.567837	4.210850	1.15208	.828173	.8967183	.183288	1.185861
%RSD	205.4456	94.14822	60.16044	39.99454	396.5027	39.24295	50.75985
#1	5.453328	7.450096	-2.72966	1.485108	.8602325	-.596664	1.497688
#2	-1.00657	1.495055	-1.10037	2.656321	-.407919	-.337455	3.174748

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7436.279	-2.75623	569.5487	3.100608
SDev	130.501	3.15011	3.4799	.158429
%RSD	1.754927	114.2904	.6109930	5.109611
#1	7344.001	-4.98370	567.0880	3.212634
#2	7528.557	-.528770	572.0093	2.988582

Method: STL3 Sample Name: 220-8015-C-5-B DU Operator: NP
Run Time: 02/12/09 17:35:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.311238	33.06893	-1.67104	8.542226	114.5997	.6229962	H108578.8
SDev	.051028	5.19586	1.83627	.563360	.5367	.0001167	1397.7
%RSD	16.39506	15.71219	109.8881	6.594999	.4683130	.0187328	1.287275
#1	-.347321	36.74296	-.372597	8.143870	114.2202	.6229137	H107590.5
#2	-.275156	29.39491	-2.96948	8.940581	114.9792	.6230788	H109567.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0350386	.0988291	-.027163	2.002535	708.0740	3518.247	23063.52
SDev	.1257967	.5246174	.023051	.068588	5.5596	6.685	149.59
%RSD	359.0229	530.8332	84.86151	3.425071	.7851748	.1900160	.6485836
#1	.1239903	-.272131	-.043463	2.051035	712.0053	3513.519	22957.75
#2	-.053913	.4697896	-.010864	1.954036	704.1428	3522.974	23169.29

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	370.3722	1.091786	96122.11	.5692623	.2801133	.3182710	-.390739
SDev	2.1289	.600451	185.36	.7403737	.9195776	.4730315	.278074
%RSD	.5747929	54.99720	.1928338	130.0584	328.2878	148.6254	71.16618
#1	368.8668	1.516369	95991.05	.0457391	-.370126	-.016213	-.194111
#2	371.8775	.6672022	96253.18	1.092786	.9303529	.6527548	-.587367

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9347264	3.380838	-1.26852	.8558997	-.759702	-.739960	1.999398
SDev	1.228747	.658911	1.04972	1.233702	1.050453	.466409	.079750
%RSD	131.4553	19.48959	82.75091	144.1410	138.2718	63.03162	3.988688
#1	.0658708	2.914917	-2.01079	-.016460	-.016919	-.410159	1.943007
#2	1.803582	3.846758	-.526263	1.728259	-1.50248	-1.06976	2.055790

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7533.538	-.353408	577.1172	3.106477
SDev	41.628	1.853209	2.4031	.304652
%RSD	.5525711	524.3823	.4164049	9.806991
#1	7504.102	-1.66382	575.4179	2.891056
#2	7562.974	.9570085	578.8165	3.321899

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 02/12/09 17:41:09
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.65822	4916.138	513.4734	511.0452	513.9891	515.9174	19305.93
SDev	.74141	13.492	3.2822	.8961	.4085	3.3567	130.17
%RSD	1.435226	.2744360	.6392140	.1753544	.0794668	.6506246	.6742548
#1	51.13396	4925.678	515.7943	510.4115	513.7003	513.5439	19213.89
#2	52.18248	4906.598	511.1526	511.6788	514.2780	518.2909	19397.98

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.1856	498.0030	514.1498	490.1757	5184.921	18916.04	19212.76
SDev	4.0475	2.7781	4.1794	.3010	46.767	51.81	83.86
%RSD	.7902452	.5578533	.8128787	.0614038	.9019829	.2739058	.4364655
#1	509.3235	496.0386	511.1945	490.3885	5151.852	18952.68	19153.46
#2	515.0476	499.9674	517.1050	489.9628	5217.991	18879.41	19272.06

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.2181	499.9621	21073.49	527.1841	490.0969	497.8533	505.9591
SDev	6.5376	8.2562	120.78	3.7223	.8616	4.6765	6.2719
%RSD	1.281328	1.651365	.5731171	.7060683	.1757960	.9393267	1.239603
#1	505.5953	494.1241	21158.89	524.5521	489.4877	494.5465	501.5242
#2	514.8408	505.8001	20988.09	529.8162	490.7062	501.1600	510.3940

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	469.3241	490.1088	490.0903	501.4647	490.6187	503.2409	520.3317
SDev	12.1317	.3296	1.4563	7.8862	1.7526	3.4599	5.0636
%RSD	2.584932	.0672505	.2971479	1.572629	.3572218	.6875191	.9731484
#1	477.9025	490.3419	489.0605	495.8883	491.8579	500.7944	516.7512
#2	460.7457	489.8757	491.1200	507.0410	489.3794	505.6874	523.9122

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	531.2504	483.5075	505.4259	491.5232
SDev	5.6208	10.9679	1.0838	3.0567
%RSD	1.058027	2.268404	.2144359	.6218902
#1	535.2249	475.7520	504.6595	489.3618
#2	527.2759	491.2629	506.1923	493.6846

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 02/12/09 17:46:56
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.067532	-34.2484	.0851477	.6949130	.0503750	.6935340	2.976885
SDev	.061935	1.7075	.8721427	.7649209	.0000000	.0250405	.673594
%RSD	91.71273	4.985565	1024.271	110.0743	.0000000	3.610565	22.62749
#1	-.111327	-33.0411	-.531550	1.235794	.0503750	.6758277	2.500582
#2	-.023737	-35.4558	.7018457	.1540322	.0503750	.7112403	3.453188

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0563889	.4003280	.4558601	1.750491	18.35319	25.99977	3.601675
SDev	.0228200	.2002117	.1073869	.240260	2.22304	1.67136	.463068
%RSD	40.46894	50.01191	23.55699	13.72527	12.11254	6.428362	12.85701
#1	.0725251	.5418990	.5317941	1.920380	16.78126	27.18160	3.929114
#2	.0402527	.2587570	.3799261	1.580602	19.92511	24.81794	3.274237

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.022884	2.683973	24.76423	.5506506	.6473452	.5634289	2.812524
SDev	.000038	1.436795	.99261	.1937676	1.104535	3.146217	4.177389
%RSD	.1649693	53.53238	4.008237	35.18884	170.6254	558.4053	148.5281
#1	-.022911	3.699940	25.46611	.4136362	1.428370	2.788140	5.766384
#2	-.022857	1.668006	24.06235	.6876649	-.133679	-1.66128	-.141336

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.431802	.3996496	.7704077	-.817972	3.329377	-.839739	-.056195
SDev	.342720	1.412710	.9506789	3.393755	2.650398	.419461	.079496
%RSD	79.36964	353.4872	123.3995	414.8989	79.60643	49.95134	141.4634
#1	-.674142	1.398586	1.442639	1.581776	5.203492	-1.13634	-.112407
#2	-.189463	-.599287	.0981762	-3.21772	1.455262	-.543135	.0000167

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.43981	5.263849	.0343382	.5774247
SDev	.06656	.370336	.0121766	.2544602
%RSD	1.935043	7.035465	35.46088	44.06811
#1	-3.48688	5.001982	.0429484	.7573552
#2	-3.39275	5.525716	.0257280	.3974942

Method: STL3 Sample Name: 220-8015-C-5-C MS Operator: NP
Run Time: 02/12/09 17:52:42
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.53400	2162.580	38.41818	1151.921	2203.065	55.85552	H118522.2
SDev	.79323	8.884	1.65042	6.272	3.234	.52935	1397.2
%RSD	1.481725	.4108085	4.295926	.5444997	.1468086	.9477146	1.178855
#1	52.97311	2156.298	37.25116	1147.486	2200.778	55.48121	H117534.2
#2	54.09490	2168.862	39.58521	1156.356	2205.352	56.22983	H119510.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.58126	494.1399	203.1621	261.6335	1728.320	17777.96	34327.51
SDev	.05598	3.4334	2.5538	.7175	15.465	6.69	183.21
%RSD	.1085365	.6948146	1.257020	.2742334	.8948210	.0376070	.5337030
#1	51.54167	491.7122	201.3563	261.1262	1717.384	17773.23	34197.96
#2	51.62085	496.5677	204.9679	262.1408	1739.256	17782.69	34457.06

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	874.1736	1073.999	H102929.2	537.7029	19.54127	42.56401	1248.042
SDev	9.8601	14.389	44.7	5.9590	.68299	1.93679	7.850
%RSD	1.127933	1.339792	.0434249	1.108226	3.495119	4.550309	.6290055
#1	867.2015	1063.824	H102897.6	533.4893	19.05833	43.93353	1242.491
#2	881.1458	1084.174	H102960.8	541.9166	20.02422	41.19449	1253.592

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.40624	21.63022	18.49747	42.08916	43.51403	510.3691	522.7903
SDev	.52559	.69301	.67785	3.31919	.83230	5.5433	4.8235
%RSD	1.108684	3.203917	3.664531	7.886103	1.912725	1.086141	.9226471
#1	47.77789	21.14018	18.01816	44.43618	42.92551	506.4494	519.3795
#2	47.03460	22.12026	18.97678	39.74213	44.10256	514.2888	526.2010

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8437.781	1122.555	578.2127	1067.955
SDev	52.853	4.797	2.5613	8.447
%RSD	.6263825	.4273411	.4429645	.7909709
#1	8400.408	1119.163	576.4016	1061.982
#2	8475.153	1125.947	580.0238	1073.928

Method: STL3 Sample Name: 220-8015-C-5-D MSD Operator: NP
Run Time: 02/12/09 18:01:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.18323	2102.201	37.29498	1129.289	2152.529	54.28677	H113450.4
SDev	.52706	18.595	.92363	14.161	3.890	.72992	1833.9
%RSD	1.010015	.8845596	2.476545	1.253978	.1807154	1.344556	1.616437
#1	51.81054	2089.052	37.94808	1119.276	2149.778	53.77064	H112153.7
#2	52.55591	2115.349	36.64187	1139.302	2155.279	54.80290	H114747.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.02149	480.6393	197.4665	255.5576	1676.182	17243.78	33191.44
SDev	.44428	4.1874	2.4469	1.7973	15.418	46.80	362.87
%RSD	.8881736	.8712232	1.239145	.7032850	.9198171	.2713796	1.093264
#1	49.70734	477.6783	195.7363	254.2867	1665.280	17210.69	32934.85
#2	50.33564	483.6003	199.1967	256.8284	1687.084	17276.87	33448.02

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	844.2020	1054.817	H100397.9	519.0373	19.27947	46.07343	1225.246
SDev	8.8925	9.908	488.5	6.6989	1.64600	.86995	9.580
%RSD	1.053359	.9392648	.4865971	1.290642	8.537598	1.888191	.7818654
#1	837.9141	1047.811	H100052.5	514.3005	18.11557	46.68858	1218.473
#2	850.4899	1061.822	H100743.4	523.7742	20.44337	45.45828	1232.020

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.29796	21.00201	18.41885	48.51805	41.17573	496.7604	537.1736
SDev	2.34586	.60932	2.77190	1.10086	.40730	5.8545	9.6516
%RSD	4.573009	2.901243	15.04928	2.268963	.9891791	1.178531	1.796736
#1	49.63918	21.43286	16.45881	49.29647	41.46374	492.6206	530.3489
#2	52.95673	20.57116	20.37888	47.73963	40.88773	500.9001	543.9983

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8153.587	1088.808	558.0486	1043.161
SDev	97.921	4.547	2.3210	6.164
%RSD	1.200958	.4176438	.4159162	.5908845
#1	8084.347	1085.592	556.4073	1038.803
#2	8222.828	1092.023	559.6898	1047.520

Method: STL3 Sample Name: 220-8015-C-5-A SD@5 Operator: NP
Run Time: 02/12/09 18:07:24
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0534797	L-20.0301	-2.70643	4.168788	23.30681	.6581620	21581.23
SDev	.0060405	2.8107	.97418	.824502	.08074	.0253225	43.28
%RSD	11.29491	14.03232	35.99496	19.77798	.3464160	3.847451	.2005314
#1	.0577510	L-18.0427	-3.39528	4.751800	23.36390	.6760677	21550.62
#2	.0492084	L-22.0176	-2.01758	3.585777	23.24972	.6402563	21611.83

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1900400	.5416470	.2036330	1.927967	154.5986	499.9053	4586.089
SDev	.1864253	.0611213	.2630778	.058435	8.5782	.0000	1.623
%RSD	98.09792	11.28434	129.1921	3.030930	5.548719	.0000000	.0353843
#1	.0582174	.4984277	.0176089	1.886647	160.6644	499.9053	4587.236
#2	.3218626	.5848662	.3896571	1.969287	148.5329	499.9053	4584.941

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	74.94112	5.337619	24326.59	.2172176	-.682384	-.939934	2.507901
SDev	.32250	2.744921	5.33	.0224982	1.941921	1.718046	1.640024
%RSD	.4303320	51.42595	.0219083	10.35746	284.5791	182.7837	65.39429
#1	75.16915	7.278572	24330.36	.2331263	.6907620	-2.15478	3.667574
#2	74.71307	3.396667	24322.82	.2013090	-2.05553	.2749083	1.348229

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.003076	-.429733	-.809119	-1.63739	.4559673	-.542750	.3200794
SDev	2.730160	.870131	2.477013	1.48501	2.184968	.635958	.1600018
%RSD	88751.19	202.4819	306.1369	90.69360	479.1941	117.1732	49.98817
#1	-1.93359	.1855429	.9423932	-2.68745	-1.08904	-.992440	.2069410
#2	1.927439	-1.04501	-2.56063	-.587330	2.000973	-.093060	.4332178

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1498.024	1.620827	117.4066	1.500927
SDev	1.770	2.500720	.1712	.512542
%RSD	.1181506	154.2867	.1458076	34.14833
#1	1499.276	-.147450	117.5276	1.863349
#2	1496.773	3.389103	117.2856	1.138506

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/12/09 18:13:08
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.84947	4906.220	512.6190	511.6824	514.5466	513.3838	19091.24
SDev	.45815	26.842	1.9795	2.0000	1.4534	3.3189	177.49
%RSD	.8836111	.5471103	.3861631	.3908721	.2824541	.6464797	.9296970
#1	51.52551	4887.240	511.2192	513.0966	513.5189	511.0370	18965.74
#2	52.17343	4925.201	514.0187	510.2682	515.5743	515.7306	19216.75

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.7798	491.4847	509.6062	490.5571	5148.054	18939.68	19142.17
SDev	1.5199	7.2511	4.0138	2.0739	9.100	158.78	99.80
%RSD	.2981500	1.475342	.7876180	.4227621	.1767564	.8383239	.5213697
#1	508.7051	486.3574	506.7680	489.0906	5154.488	18827.41	19071.60
#2	510.8545	496.6120	512.4443	492.0235	5141.619	19051.95	19212.74

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.7889	498.4608	21074.53	524.7922	488.8896	495.2314	509.5226
SDev	1.6239	5.8330	158.62	3.4578	2.5325	4.8831	6.9743
%RSD	.3204290	1.170199	.7526810	.6588904	.5180086	.9860174	1.368788
#1	505.6406	494.3363	20962.36	522.3472	487.0988	491.7786	504.5911
#2	507.9372	502.5854	21186.69	527.2373	490.6803	498.6843	514.4542

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	460.0747	484.5077	491.0765	497.0465	491.5947	499.9906	515.3500
SDev	7.5955	1.5043	4.5479	3.8364	6.9795	4.1253	4.6706
%RSD	1.650934	.3104726	.9261082	.7718375	1.419768	.8250828	.9062964
#1	454.7038	485.5714	487.8606	494.3337	486.6595	497.0735	512.0474
#2	465.4455	483.4440	494.2923	499.7592	496.5300	502.9076	518.6526

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	530.1893	481.1451	504.3869	488.8164
SDev	3.2614	8.0023	2.3153	3.2314
%RSD	.6151453	1.663168	.4590231	.6610568
#1	527.8832	475.4866	502.7498	486.5315
#2	532.4955	486.8035	506.0240	491.1013

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/12/09 18:18:52
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0203071	-39.1522	-.574099	1.193245	.0470166	.8001146	1.190753
SDev	.2766062	1.3895	2.076472	.101354	.0332458	.0251401	.505193
%RSD	1362.112	3.548982	361.6924	8.494009	70.71068	3.142061	42.42636
#1	-.175283	-38.1697	.8941887	1.264913	.0705249	.8178913	.8335277
#2	.2158973	-40.1347	-2.04239	1.121576	.0235083	.7823378	1.547979

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.085427	.5638475	.2956110	2.237043	15.01064	8.272622	3.274334
SDev	.068489	.2283528	.0717898	.126619	6.90253	6.685297	.926135
%RSD	80.17275	40.49902	24.28522	5.660086	45.98424	80.81231	28.28468
#1	-.036998	.4023778	.3463740	2.147511	10.12982	3.545403	3.929211
#2	-.133855	.7253174	.2448480	2.326576	19.89147	12.99984	2.619458

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.007585	3.002411	21.05646	.6156139	.1514599	-.938124	4.008959
SDev	.000047	1.243792	.28052	.2166966	.6428860	.713218	2.301803
%RSD	.6221787	41.42646	1.332234	35.20008	424.4596	76.02596	57.41647
#1	-.007552	3.881905	20.85810	.7688416	.6060489	-.433803	5.636579
#2	-.007619	2.122917	21.25481	.4623863	-.303129	-1.44244	2.381339

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.29975	-2.14271	1.296226	-1.44536	.0767654	.1939327	.5033616
SDev	3.20795	2.23386	.151409	.92537	.2881400	.5243846	.2373858
%RSD	246.8133	104.2539	11.68073	64.02341	375.3516	270.3952	47.16009
#1	.9686149	-.563134	1.189164	-.791024	.2805111	.5647286	.3355045
#2	-3.56811	-3.72229	1.403288	-2.09969	-.126980	-.176863	.6712187

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.66617	6.748823	.0229088	.6633713
SDev	.86767	1.050137	.0121731	.2240824
%RSD	52.07543	15.56030	53.13726	33.77933
#1	-2.27970	7.491383	.0315165	.8218215
#2	-1.05264	6.006264	.0143011	.5049211

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 24359

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 2/18/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W021609 Autosampler Type: TYPE TJA
Sample Positions: 131/192 QC Positions: 4/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	4	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	35	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	61	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
(16...19	Not Used)					

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	220-7945-B-2-B	1	-NA-	Sample
2	1	2	220-7945-B-3-B	1	-NA-	Sample
3	1	3	220-7945-B-4-B	1	-NA-	Sample
4	1	4	220-7945-B-5-B	1	-NA-	Sample
5	1	5	220-7945-B-6-B	1	-NA-	Sample
6	1	6	220-7945-B-7-A	1	-NA-	Sample

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
7	1	7	220-7945-B-8-B	1	-NA-	Sample
8	1	8	220-8008-A-16-A	1	-NA-	Sample
9	1	9	220-8015-C-1-A	1	-NA-	Sample
10	1	10	220-8015-C-2-A	1	-NA-	Sample
11	1	11	220-8015-C-3-A	1	-NA-	Sample
12	1	12	220-8015-C-4-A	1	-NA-	Sample
13	2	1	MB 220-24234/1-A	1	-NA-	Sample
14	2	2	LCS 220-24234/2-A	1	-NA-	Sample
15	2	3	220-8008-A-1-A	1	-NA-	Sample
16	2	4	220-8008-A-1-B DU	1	-NA-	Sample
17	2	5	220-8008-A-1-C MS	1	-NA-	Sample
18	2	6	220-8008-A-1-A PDS	1	-NA-	Sample
19	2	7	220-8008-A-1-A SD@5	1	-NA-	Sample
20	2	8	220-8008-B-17-A	1	-NA-	Sample
21	2	9	220-8008-A-2-A	1	-NA-	Sample
22	2	10	220-8008-A-3-A	1	-NA-	Sample
23	2	11	220-8008-A-4-A	1	-NA-	Sample
24	2	12	220-8008-A-5-A	1	-NA-	Sample
25	3	1	220-8008-A-6-A	1	-NA-	Sample
26	3	2	220-8008-A-7-A	1	-NA-	Sample
27	3	3	220-8008-A-8-A	1	-NA-	Sample
28	3	4	220-8008-A-9-A	1	-NA-	Sample
29	3	5	220-8008-A-10-A	1	-NA-	Sample
30	3	6	220-7978-A-1-C	1	-NA-	Sample
31	3	7	220-8008-A-11-A	1	-NA-	Sample
32	3	8	220-8008-A-12-A	1	-NA-	Sample
33	3	9	220-8008-A-13-A	1	-NA-	Sample
34	3	10	220-8008-A-14-A	1	-NA-	Sample
35	3	11	220-8008-A-15-A	1	-NA-	Sample
36	3	12	220-8008-A-18-A	1	-NA-	Sample
37	4	1	220-8008-A-19-A	1	-NA-	Sample
38	4	2	220-8008-A-20-A	1	-NA-	Sample
39	4	3	Sample-39	1	-NA-	Sample
40	4	4	Sample-40	1	-NA-	Sample
41	4	5	Sample-41	1	-NA-	Sample
42	4	6	Sample-42	1	-NA-	Sample
43	4	7	Sample-43	1	-NA-	Sample
44	4	8	Sample-44	1	-NA-	Sample
45	4	9	Sample-45	1	-NA-	Sample
46	4	10	Sample-46	1	-NA-	Sample
47	4	11	Sample-47	1	-NA-	Sample
48	4	12	Sample-48	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	Sample-49	1	-NA-	Sample
2	1	2	Sample-50	1	-NA-	Sample
3	1	3	Sample-51	1	-NA-	Sample
4	1	4	Sample-52	1	-NA-	Sample
5	1	5	Sample-53	1	-NA-	Sample
6	1	6	Sample-54	1	-NA-	Sample

Method: STL3 Standard: STD1
Run Time: 02/16/09 09:42:59

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00400	.08897	-.00043	.0853	.00020	-.00643	.00810
SDev	.00170	.00071	.00153	.0002	.00019	.00014	.00033
%RSD	42.426	.79480	357.89	.2210	94.281	2.1983	4.0739
#1	-.00280	.08847	-.00150	.0855	.00007	-.00653	.00787
#2	-.00520	.08947	.00065	.0852	.00033	-.00633	.00833

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00590	.00000	.00200	.04190	-.00957	.01780	.00113
SDev	.00108	.00000	.00057	.00014	.00071	.00009	.00085
%RSD	18.377	.00000	28.284	.33752	7.3914	.52967	74.870
#1	.00513	.00000	.00240	.04200	-.00907	.01773	.00053
#2	.00667	.00000	.00160	.04180	-.01007	.01787	.00173

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00140	-.00907	.11227	-.00537	.01753	-.00383	-.03103
SDev	.00019	.00245	.00094	.00108	.00009	.00165	.00938
%RSD	13.469	27.036	.83979	20.203	.53773	43.041	30.229
#1	.00153	-.00733	.11160	-.00613	.01760	-.00267	-.03767
#2	.00127	-.01080	.11293	-.00460	.01747	-.00500	-.02440

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	-.00293	-.04123	.02383	-.00037	-.00073	.3532	.00047
SDev	.00867	.00467	.00014	.00127	.00000	.0016	.00339
%RSD	295.70	11.318	.59338	347.13	.00000	.4404	727.31
#1	-.00907	-.04453	.02373	.00053	-.00073	.3543	.00287
#2	.00320	-.03793	.02393	-.00127	-.00073	.3521	-.00193

Elem	Sr4215	Ti3349
Avge	.00273	-.01483
SDev	.00009	.00052
%RSD	3.4493	3.4958
#1	.00267	-.01447
#2	.00280	-.01520

Method: STL3 Standard: STD2
Run Time: 02/16/09 09:48:48

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.86327	5.3623	1.4080	2.602	10.628	3.9028	14.651
SDev	.00075	.0022	.0028	.007	.002	.0029	.014
%RSD	.08737	.04132	.19634	.2554	.01553	.07368	.09653
#1	.86273	5.3607	1.4100	2.598	10.626	3.9008	14.641
#2	.86380	5.3639	1.4061	2.607	10.629	3.9049	14.661

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.7824	1.5960	4.1745	4.3145	1.9407	1.4718	10.283
SDev	.0148	.0049	.0090	.0058	.0048	.0016	.013
%RSD	.16800	.30422	.21456	.13330	.24776	.10569	.12515
#1	8.7929	1.5926	4.1682	4.3104	1.9373	1.4729	10.274
#2	8.7720	1.5995	4.1809	4.3185	1.9441	1.4707	10.292

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.6723	2.2601	109.83	4.3957	2.1164	.67777	4.2831
SDev	.0016	.0082	.23	.0008	.0006	.00806	.0059
%RSD	.03431	.36293	.20834	.01930	.02673	1.1893	.13868
#1	4.6735	2.2543	109.99	4.3951	2.1160	.67207	4.2789
#2	4.6712	2.2659	109.67	4.3963	2.1168	.68347	4.2873

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.7168	2.4235	1.9922	1.9068	.62510	1.792	1.6034
SDev	.0447	.0025	.0001	.0031	.00146	.007	.0133
%RSD	1.2036	.10503	.00710	.16317	.23378	.3998	.83205
#1	3.6852	2.4253	1.9923	1.9046	.62407	1.797	1.5939
#2	3.7485	2.4217	1.9921	1.9090	.62613	1.787	1.6128

Elem	Sr4215	Ti3349
Avge	12.034	12.940
SDev	.018	.014
%RSD	.15356	.10601
#1	12.047	12.950
#2	12.021	12.930

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	115.096	.460384	02/16/09 09:48:48
Al3082	308.215	STD2	STD1	2089.80	-185.923	02/16/09 09:48:48
As1890	189.042	STD2	STD1	708.392	.301914	02/16/09 09:48:48
B_2496	249.678	STD2	STD1	398.315	-33.9895	02/16/09 09:48:48
Ba4934	493.409	STD2	STD1	94.0967	-.018819	02/16/09 09:48:48
Be3130	313.042	STD2	STD1	255.769	1.64545	02/16/09 09:48:48
Ca3179	317.933	STD2	STD1	3414.73	-27.6593	02/16/09 09:48:48
Cd2265	226.502	STD2	STD1	114.186	-.673696	02/16/09 09:48:48
Co2286	228.616	STD2	STD1	626.884	.000000	02/16/09 09:48:48
Cr2677	267.716	STD2	STD1	239.656	-.479313	02/16/09 09:48:48
Cu3247	324.753	STD2	STD1	234.123	-9.80973	02/16/09 09:48:48
Fe2714	271.441	STD2	STD1	5680.46	54.3430	02/16/09 09:48:48
K_7664	766.491	STD2	STD1	34387.1	-612.091	02/16/09 09:48:48
Mg2790	279.078	STD2	STD1	4862.17	-5.51045	02/16/09 09:48:48
Mn2576	257.610	STD2	STD1	214.071	-.299699	02/16/09 09:48:48
Mo2020	202.030	STD2	STD1	440.697	3.99565	02/16/09 09:48:48
Na5889	588.995	STD2	STD1	455.711	-51.1611	02/16/09 09:48:48
Ni2316	231.604	STD2	STD1	226.721	1.21674	02/16/09 09:48:48
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	473.480	-8.30168	02/16/09 09:48:48
Tl1908	190.864	STD2	STD1	1457.57	5.58735	02/16/09 09:48:48
2203/1	220.351	STD2	STD1	232.280	7.20843	02/16/09 09:48:48
2203/2	220.352	STD2	STD1	268.272	.786930	02/16/09 09:48:48
1960/1	196.021	STD2	STD1	405.748	16.7304	02/16/09 09:48:48
1960/2	196.022	STD2	STD1	505.114	-12.0385	02/16/09 09:48:48
V_2924	292.402	STD2	STD1	518.991	.190297	02/16/09 09:48:48
Zn2062	206.200	STD2	STD1	1598.04	1.17190	02/16/09 09:48:48
Si2881	288.158	STD2	STD1	696.252	-245.939	02/16/09 09:48:48
Sn1899	189.989	STD2	STD1	622.996	-.290731	02/16/09 09:48:48
Sr4215	421.552	STD2	STD1	83.2063	-.227431	02/16/09 09:48:48
Ti3349	334.941	STD2	STD1	77.2341	1.14564	02/16/09 09:48:48

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 02/16/09 09:54:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	104.0097	9811.943	1011.792	983.1303	978.9473	962.6725	24464.85
SDev	.9405	53.184	3.717	8.6546	2.8522	7.1989	219.24
%RSD	.9042240	.5420287	.3673227	.8803141	.2913545	.7477995	.8961555
#1	103.3446	9774.337	1009.164	977.0106	976.9305	957.5821	24309.83
#2	104.6747	9849.550	1014.420	989.2501	980.9641	967.7629	24619.88

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	979.1223	976.3449	979.5554	975.4383	9899.701	48193.54	24852.02
SDev	7.0106	5.1510	7.3203	2.7444	100.537	199.39	135.27
%RSD	.7160089	.5275838	.7473092	.2813458	1.015555	.4137226	.5443133
#1	974.1651	972.7026	974.3791	973.4977	9828.610	48052.55	24756.37
#2	984.0796	979.9872	984.7316	977.3789	9970.791	48334.52	24947.67

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	992.1040	996.8857	48013.32	980.4387	977.5522	973.7861	981.9680
SDev	7.0241	11.0937	66.38	10.0366	8.2562	3.5477	10.8668
%RSD	.7079971	1.112839	.1382526	1.023681	.8445742	.3643207	1.106631
#1	987.1373	989.0413	47966.38	973.3418	971.7142	971.2775	974.2840
#2	997.0708	1004.730	48060.25	987.5356	983.3902	976.2947	989.6519

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	975.1206	982.5015	975.0804	969.8062	981.7568	966.9959	979.2352
SDev	4.8550	5.9161	9.4244	.4014	11.4577	5.1787	9.0382
%RSD	.4978886	.6021517	.9665261	.0413869	1.167064	.5355455	.9229883
#1	971.6876	978.3181	968.4164	970.0900	973.6550	963.3340	972.8442
#2	978.5536	986.6848	981.7445	969.5224	989.8587	970.6578	985.6262

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1046.311	979.2871	983.3208	976.0772
SDev	3.473	8.8193	4.9258	5.8236
%RSD	.3319319	.9005865	.5009390	.5966350
#1	1043.855	973.0509	979.8377	971.9593
#2	1048.767	985.5233	986.8039	980.1951

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 02/16/09 10:00:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.386983	-4.18837	-.009029	2.709955	-.009410	-.085166	-1.02442
SDev	.418157	2.63552	1.109753	.860610	.119766	.084410	2.57555
%RSD	108.0556	62.92476	12290.94	31.75736	1272.793	99.11200	251.4157
#1	-.091302	-2.32478	.7756846	3.318499	.0752774	-.025479	.7967711
#2	-.682665	-6.05197	-.793743	2.101412	-.094097	-.144853	-2.84561

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.159501	-.993698	-.423369	-.423160	-4.10410	8.023684	-3.24222
SDev	.121650	1.188364	1.209043	.583660	12.49189	14.58919	7.33513
%RSD	76.26915	119.5901	285.5764	137.9288	304.3762	181.8266	226.2380
#1	-.073482	-.153398	.4315532	-.010450	4.729006	-2.29243	1.944502
#2	-.245521	-1.83400	-1.27829	-.835870	-12.9372	18.33980	-8.42894

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.121298	4.568558	2.293747	-.281032	.0776698	2.847681	7.630409
SDev	.090914	3.552465	1.138565	1.455889	1.182657	1.705740	6.371523
%RSD	74.95105	77.75901	49.63780	518.0514	1522.674	59.89926	83.50172
#1	-.057012	7.080530	3.098834	.7484373	-.758595	1.641541	12.13576
#2	-.185584	2.056585	1.488659	-1.31050	.9139349	4.053821	3.125062

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.017234	3.138358	-1.45103	3.421243	1.697833	.0999272	-.907278
SDev	6.726986	6.675822	1.55974	3.939957	2.769405	1.015722	1.430890
%RSD	661.3019	212.7170	107.4917	115.1616	163.1142	1016.461	157.7123
#1	-3.73946	-1.58216	-.348129	.6352727	3.656098	.8181511	.1045135
#2	5.773931	7.858877	-2.55393	6.207214	-.260433	-.618297	-1.91907

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-11.2873	6.292688	.0055686	.4353054
SDev	4.6447	5.727647	.0313250	.4875801
%RSD	41.14965	91.02067	562.5282	112.0087
#1	-8.00302	10.34275	.0277187	.7800766
#2	-14.5716	2.242630	-.016581	.0905343

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 02/16/09 10:06:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.867851	383.1632	18.28959	31.93478	10.31927	10.21124	505.9496
SDev	.472049	3.2506	.64542	.07319	.02661	.12053	12.5559
%RSD	4.783710	.8483710	3.528907	.2291896	.2579112	1.180372	2.481645
#1	10.20164	385.4617	18.74598	31.98653	10.33809	10.29646	514.8279
#2	9.534061	380.8646	17.83321	31.88302	10.30045	10.12601	497.0713

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.792187	10.61776	10.75179	9.673784	213.3037	358.7722	499.5720
SDev	.231025	1.38970	.63272	.154598	2.0488	1.6210	5.0422
%RSD	2.359283	13.08840	5.884753	1.598113	.9605001	.4518206	1.009298
#1	9.955546	11.60043	11.19919	9.564466	214.7524	357.6260	503.1373
#2	9.628827	9.635101	10.30440	9.783101	211.8550	359.9184	496.0066

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.22637	30.71657	453.4474	10.72947	11.72315	30.22031	30.65707
SDev	.05046	.18697	1.6112	1.05074	.57275	3.30938	.51653
%RSD	.4933993	.6086991	.3553198	9.793049	4.885667	10.95084	1.684878
#1	10.19070	30.84878	452.3081	11.47246	12.12815	27.88023	31.02231
#2	10.26205	30.58436	454.5866	9.986486	11.31815	32.56039	30.29182

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.56723	7.557797	13.80190	29.11913	32.42489	10.64287	30.71495
SDev	5.15037	6.942832	4.32491	5.69967	1.47823	.00197	1.43191
%RSD	23.88052	91.86319	31.33563	19.57362	4.558935	.0184763	4.661927
#1	Q17.92537	2.648472	16.86008	25.08885	33.47015	10.64426	31.72746
#2	25.20910	12.46712	10.74373	33.14940	31.37962	10.64148	29.70244

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	26.27856	30.17297	10.30141	30.90562
SDev	.42425	1.96751	.02380	.17485
%RSD	1.614448	6.520773	.2310214	.5657659
#1	26.57855	31.56421	10.28459	30.78198
#2	25.97857	28.78173	10.31824	31.02926

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 02/16/09 10:11:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.172069	416914.2	1.988887	21.63794	1.110341	-.069411	428876.4
SDev	.244322	605.4	.338556	.68613	.000000	.036118	4213.3
%RSD	141.9904	.1452083	17.02236	3.170935	.0000000	52.03511	.9823980
#1	-.344831	416486.2	2.228282	22.12310	1.110341	-.043872	425897.2
#2	.0006923	417342.3	1.749492	21.15278	1.110341	-.094951	431855.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2775154	-2.89718	.9083060	.3912041	173383.4	46.99576	444626.5
SDev	.5814512	.32752	.2488035	.3196093	1288.0	4.86306	3827.5
%RSD	209.5203	11.30484	27.39203	81.69885	.7428660	10.34787	.8608404
#1	.6886635	-3.12877	1.084237	.1652062	172472.6	43.55706	441920.0
#2	-.133633	-2.66559	.7323754	.6172020	174294.1	50.43446	447333.0

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.341017	-2.20348	55.04986	.4655070	1.935366	3.536758	-1.31052
SDev	.010020	.99718	1.07412	1.145040	.917322	5.338210	2.13413
%RSD	.1072706	45.25485	1.951172	245.9770	47.39785	150.9351	162.8458
#1	9.333931	-2.90860	54.29034	1.275173	2.584010	7.311443	-2.81958
#2	9.348102	-1.49837	55.80937	-.344159	1.286722	-.237926	.1985364

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.36687	4.877255	.4657774	4.927876	.7493439	1.978944	-12.7061
SDev	1.42953	4.859422	1.050703	10.20112	4.402219	.790293	2.4026
%RSD	104.5841	99.63438	225.5804	207.0085	587.4764	39.93510	18.90887
#1	-2.37770	8.313385	-.277182	12.14116	-2.36349	2.537765	-14.4049
#2	-.356041	1.441124	1.208736	-2.28541	3.862183	1.420122	-11.0072

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	91.05563	4.334689	1.261257	-4.38333
SDev	.56811	3.079931	.041410	.11301
%RSD	.6239151	71.05308	3.283216	2.578190
#1	90.65391	2.156849	1.290538	-4.30342
#2	91.45734	6.512529	1.231976	-4.46324

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 02/16/09 10:17:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	210.1823	411765.8	93.25510	12.29908	471.1139	445.5637	422905.2
SDev	.7271	951.9	.15146	.05585	.4391	1.6638	1216.3
%RSD	.3459223	.2311854	.1624135	.4541070	.0932124	.3734046	.2876034
#1	209.6682	412438.9	93.36219	12.25959	470.8033	444.3872	422045.2
#2	210.6964	411092.7	93.14799	12.33857	471.4244	446.7401	423765.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	894.8851	437.4491	446.8371	523.7524	170554.1	44.70328	437432.9
SDev	1.6607	.0290	.5198	.5520	388.8	1.62100	653.3
%RSD	.1855807	.0066398	.1163286	.1053842	.2279748	3.626142	.1493386
#1	896.0594	437.4696	446.4695	524.1428	170829.0	43.55706	436971.0
#2	893.7107	437.4285	447.2046	523.3622	170279.2	45.84950	437894.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	461.6270	-1.60120	44.64447	889.6979	48.44354	48.81496	540.7305
SDev	.0706	.68556	1.39636	.1245	2.54983	.77678	29.8470
%RSD	.0152859	42.81563	3.127727	.0139900	5.263501	1.591276	5.519762
#1	461.6769	-2.08597	45.63184	889.7859	50.24654	49.36423	519.6254
#2	461.5772	-1.11643	43.65709	889.6099	46.64054	48.26569	561.8355

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.30737	46.60651	49.35988	49.78281	46.87537	449.3600	883.4571
SDev	11.88201	4.18368	1.73412	.73696	.85654	.9912	1.7056
%RSD	12.33759	8.976591	3.513228	1.480348	1.827271	.2205893	.1930619
#1	87.90552	49.56481	50.58609	50.30391	47.48103	448.6591	882.2510
#2	104.7092	43.64820	48.13367	49.26170	46.26970	450.0609	884.6631

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	32.27380	5.773308	1.303447	-4.37184
SDev	.29973	4.882973	.033388	.04885
%RSD	.9287170	84.57843	2.561494	1.117467
#1	32.48574	9.226091	1.327056	-4.33730
#2	32.06185	2.320524	1.279839	-4.40639

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/16/09 10:23:19
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.76689	4795.592	509.2690	488.2159	495.4692	495.0544	18961.90
SDev	.05908	15.507	1.0941	4.0683	2.4219	2.6045	110.10
%RSD	.1141187	.3233590	.2148432	.8332998	.4888088	.5260950	.5806605
#1	51.80867	4784.627	508.4953	485.3392	493.7566	493.2128	18884.04
#2	51.72512	4806.557	510.0426	491.0926	497.1817	496.8961	19039.75

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.1660	502.3757	506.8322	484.8077	5050.619	18833.82	18637.85
SDev	1.3981	2.3989	3.8415	1.7532	7.836	72.95	109.80
%RSD	.2789725	.4775055	.7579400	.3616281	.1551460	.3873099	.5891111
#1	500.1774	500.6794	504.1158	483.5680	5045.079	18782.24	18560.22
#2	502.1546	504.0720	509.5485	486.0474	5056.160	18885.40	18715.49

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.2655	502.9086	21190.50	499.1594	491.1290	487.9979	521.1284
SDev	1.5846	4.8821	49.86	5.7339	.6881	4.7563	17.5682
%RSD	.3093239	.9707679	.2352974	1.148714	.1401004	.9746627	3.371188
#1	511.1450	499.4564	21155.25	495.1049	491.6155	484.6346	533.5510
#2	513.3859	506.3607	21225.76	503.2138	490.6425	491.3611	508.7058

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	489.8397	493.2071	490.0907	485.8198	492.3592	496.3787	503.6412
SDev	4.6126	3.4490	.6902	4.4183	5.4336	2.7177	4.1456
%RSD	.9416583	.6992965	.1408288	.9094425	1.103575	.5475063	.8231298
#1	486.5781	495.6459	489.6026	482.6957	488.5171	494.4569	500.7098
#2	493.1013	490.7683	490.5787	488.9440	496.2013	498.3003	506.5726

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	512.1907	486.2694	504.0763	495.4697
SDev	5.3830	5.7289	1.3392	1.6406
%RSD	1.050970	1.178134	.2656706	.3311203
#1	508.3843	482.2184	503.1294	494.3096
#2	515.9970	490.3203	505.0233	496.6297

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/16/09 10:29:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.080330	8.563747	-.896250	.8231369	.0345021	-.161933	2.959434
SDev	.015878	5.740036	.383442	.4884482	.0221788	.024326	1.126805
%RSD	19.76588	67.02716	42.78293	59.33985	64.28244	15.02197	38.07503
#1	-.091558	12.62256	-1.16738	1.168522	.0501849	-.144732	3.756206
#2	-.069103	4.504928	-.625115	.4777519	.0188193	-.179134	2.162662

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.138167	-.560141	.3834918	-.539307	2.305143	16.04735	2.754177
SDev	.004723	.034824	.1577371	.067367	3.472792	3.24201	.688195
%RSD	3.418343	6.216991	41.13181	12.49143	150.6541	20.20279	24.98730
#1	-.141506	-.535517	.4950287	-.586943	-.150492	13.75490	3.240804
#2	-.134827	-.584765	.2719548	-.491671	4.760777	18.33980	2.267550

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.164116	2.218174	-1.10889	.3096161	1.537972	1.110848	6.129652
SDev	.090677	2.596831	.88078	.0000177	.955345	2.388245	3.484568
%RSD	55.25216	117.0707	79.42846	.0057309	62.11721	214.9930	56.84772
#1	-.099997	4.054411	-.486090	.3096036	2.213502	-.577897	8.593614
#2	-.228234	.3819372	-1.73170	.3096287	.8624407	2.799592	3.665691

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.583711	-.692094	2.650733	.3110626	2.711818	.0578507	-.320284
SDev	.751754	2.455043	.206620	3.175462	.811447	1.611865	.000748
%RSD	128.7888	354.7267	7.794833	1020.843	29.92261	2786.249	.2334572
#1	-.052140	1.043883	2.796835	-1.93433	2.138039	-1.08191	-.320813
#2	-1.11528	-2.42807	2.504630	2.556453	3.285598	1.197612	-.319756

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-12.8487	3.904460	.0138056	.2600832
SDev	1.7020	1.586077	.0038987	.2184025
%RSD	13.24613	40.62218	28.24016	83.97408
#1	-11.6452	5.025985	.0165624	.4145171
#2	-14.0521	2.782934	.0110488	.1056493

Method: STL3 Sample Name: 220-7945-B-2-B Operator: NP
Run Time: 02/16/09 10:34:47
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1167227	1.350321	-2.37089	139.6590	95.66182	-.127933	56824.91
SDev	.0650985	5.825422	.83037	.8837	.68754	.024183	294.58
%RSD	55.77191	431.4100	35.02368	.6327632	.7187192	18.90280	.5183929
#1	.1627542	-2.76887	-2.95805	139.0341	95.17565	-.145033	56616.61
#2	.0706911	5.469517	-1.78373	140.2839	96.14798	-.110833	57033.21

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.243624	-.517421	3.215743	.9522071	17.41928	13092.32	17504.30
SDev	.142491	.473255	.158016	.1103440	9.33584	61.60	163.42
%RSD	58.48784	91.46433	4.913834	11.58824	53.59485	.4704979	.9336171
#1	-.142868	-.182779	3.104009	.8741821	24.02072	13048.76	17388.74
#2	-.344380	-.852063	3.327478	1.030232	10.81785	13135.88	17619.86

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.768687	20.38958	H121457.1	1.999840	1.549331	1.322390	2.071575
SDev	.020121	.16620	236.8	.038868	.171409	2.117388	2.168783
%RSD	.7267310	.8151168	.1949506	1.943572	11.06340	160.1183	104.6924
#1	2.754459	20.50709	H121289.7	1.972356	1.428126	2.819609	3.605137
#2	2.782914	20.27206	H121624.6	2.027324	1.670535	-.174830	.5380143

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.71658	.9282083	1.858627	.2107832	3.547938	.6466628	2.871890
SDev	1.02575	.7280252	.620452	3.385747	.423140	.6866404	.150151
%RSD	37.75896	78.43339	33.38227	1606.270	11.92637	106.1821	5.228294
#1	-3.44189	1.443000	1.419901	2.604868	3.248733	1.132191	2.978063
#2	-1.99126	.4134167	2.297352	-2.18330	3.847144	.1611347	2.765717

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4761.179	.2911065	324.2766	.0243720
SDev	26.012	3.465724	.7547	.0628585
%RSD	.5463439	1190.535	.2327433	257.9128
#1	4742.786	2.741743	323.7430	.0688197
#2	4779.573	-2.15953	324.8103	-.020076

Method: STL3 Sample Name: 220-7945-B-3-B Operator: NP
Run Time: 02/16/09 10:40:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.018968	-2.29875	-2.16835	99.58929	65.23408	-.187573	92011.80
SDev	.222370	9.06595	.16933	.32007	.26614	.084395	1162.70
%RSD	1172.335	394.3854	7.809127	.3213933	.4079792	44.99304	1.263647
#1	-.176207	-8.70935	-2.28808	99.81561	65.04590	-.127897	91189.64
#2	.1382711	4.111840	-2.04862	99.36296	65.42228	-.247249	92833.95

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.030006	-.008967	3.979424	.3740555	3.395331	6312.327	20984.34
SDev	.144678	.353073	.022608	.1873483	9.885963	1.621	106.58
%RSD	482.1602	3937.383	.5681116	50.08569	291.1634	.0256804	.5079080
#1	-.132309	-.258627	3.963438	.5065307	-3.59510	6313.473	20908.98
#2	.0722968	.2406929	3.995410	.2415802	10.38576	6311.181	21059.71

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.935878	1.498369	60809.92	1.998992	2.459990	2.612625	1.515583
SDev	.000007	.747887	106.17	.846421	.004420	1.010712	.492174
%RSD	.0000972	49.91342	.1745858	42.34238	.1796902	38.68570	32.47425
#1	6.935883	2.027205	60734.85	2.597503	2.463115	3.327307	1.863603
#2	6.935873	.9695331	60884.99	1.400482	2.456864	1.897944	1.167563

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.47634	2.566708	2.405911	3.093458	1.648514	-.122695	3.625370
SDev	.54596	.520184	.266329	1.874270	.718996	.081397	.451332
%RSD	22.04724	20.26659	11.06980	60.58818	43.61480	66.34133	12.44927
#1	-2.09028	2.198882	2.594235	4.418768	1.140107	-.065138	3.306230
#2	-2.86239	2.934533	2.217588	1.768149	2.156921	-.180252	3.944510

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4198.165	-6.93607	530.0642	.0427378
SDev	29.674	.82213	2.4349	.0068330
%RSD	.7068320	11.85293	.4593612	15.98813
#1	4177.182	-6.35474	528.3424	.0475694
#2	4219.148	-7.51740	531.7859	.0379062

Method: STL3 Sample Name: 220-7945-B-4-B Operator: NP
Run Time: 02/16/09 10:46:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.176386	-4.31990	-1.72703	115.2013	47.81366	-.119319	H179989.0
SDev	.093112	2.45082	.10701	1.1821	.00887	.012133	1600.2
%RSD	52.78901	56.73324	6.196037	1.026082	.0185548	10.16865	.8890694
#1	-.242227	-2.58691	-1.65136	114.3654	47.80739	-.127899	H178857.4
#2	-.110546	-6.05290	-1.80269	116.0371	47.81994	-.110740	H181120.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.041506	1.221597	-.455314	.3897974	10.52417	9819.812	22391.09
SDev	.042883	.088991	.178133	.3200927	12.59629	27.557	83.94
%RSD	103.3170	7.284786	39.12306	82.11771	119.6892	.2806280	.3748686
#1	-.011183	1.284523	-.581273	.6161372	1.617248	9839.298	22331.74
#2	-.071829	1.158671	-.329355	.1634577	19.43110	9800.326	22450.44

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1393.679	1.145812	9375.868	5.701389	2.077295	1.554915	-.117287
SDev	7.256	.083099	26.445	.752982	1.387326	1.296498	.846846
%RSD	.5206149	7.252377	.2820506	13.20699	66.78524	83.38068	722.0284
#1	1388.548	1.204571	9394.567	6.233828	1.096307	2.471678	.4815233
#2	1398.809	1.087052	9357.169	5.168951	3.058282	.6381518	-.716097

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.59301	1.190957	2.518999	2.387677	-.114212	-.040022	2.801475
SDev	2.20560	.978002	1.591681	1.933280	.021165	.637160	.224822
%RSD	61.38589	82.11897	63.18705	80.96908	18.53113	1592.037	8.025140
#1	-5.15261	.4994056	1.393511	3.754713	-.099246	.4105183	2.642501
#2	-2.03342	1.882510	3.644488	1.020642	-.129178	-.490562	2.960448

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7524.295	L-18.2125	1422.050	.1554332
SDev	54.711	.9107	2.343	.0536184
%RSD	.7271201	5.000552	.1647791	34.49612
#1	7485.609	L-18.8564	1420.393	.1175193
#2	7562.981	L-17.5685	1423.707	.1933472

Method: STL3 Sample Name: 220-7945-B-5-B Operator: NP
Run Time: 02/16/09 10:51:58
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.096235	-6.62080	-.223775	123.2869	33.87794	-.119268	H243215.9
SDev	.244141	.58081	1.536498	1.5578	.11090	.060256	2145.9
%RSD	253.6935	8.772448	686.6265	1.263588	.3273382	50.52176	.8823128
#1	-.268868	-7.03150	-1.31024	122.1854	33.79953	-.161875	H241698.5
#2	.0763991	-6.21011	.8626934	124.3885	33.95636	-.076660	H244733.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0243899	-.834646	133.8480	.3589690	9.645763	11301.90	9246.417
SDev	.0193679	.147298	1.2767	.1213771	1.588147	25.94	75.409
%RSD	79.40965	17.64795	.9538592	33.81269	16.46470	.2294815	.8155491
#1	.0380851	-.938801	132.9452	.2731425	8.522775	11283.56	9193.095
#2	.0106947	-.730490	134.7508	.4447956	10.76875	11320.24	9299.739

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.537310	.1175191	7384.139	.3370542	1.901169	2.099591	.1765353
SDev	.080779	.1246477	2.771	.1327149	1.775656	.179249	.2212143
%RSD	1.458819	106.0659	.0375326	39.37495	93.39812	8.537332	125.3088
#1	5.480190	.0293798	7386.099	.4308979	.6455905	1.972843	.0201131
#2	5.594430	.2056583	7382.179	.2432106	3.156747	2.226340	.3329574

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.337629	2.324631	1.689005	2.373195	1.550561	.1567222	2.370344
SDev	2.817723	2.368300	1.479849	.114817	.308307	.5395111	.149563
%RSD	210.6505	101.8785	87.61658	4.838067	19.88360	344.2467	6.309772
#1	-.654802	.6499903	.6425943	2.292008	1.332555	-.224770	2.476101
#2	3.330060	3.999272	2.735416	2.454383	1.768567	.5382141	2.264587

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6130.409	L-23.7366	1829.931	.4652606
SDev	53.628	4.2583	6.144	.1072958
%RSD	.8747850	17.93964	.3357754	23.06143
#1	6092.489	L-20.7255	1825.586	.3893911
#2	6168.330	L-26.7476	1834.275	.5411302

Method: STL3 Sample Name: 220-7945-B-6-B Operator: NP
Run Time: 02/16/09 10:57:42
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.118904	-4.66917	-2.07991	19.97767	2.361827	-.093823	22482.72
SDev	.113882	.00721	1.30243	.09246	.022179	.024147	217.96
%RSD	95.77652	.1543699	62.61961	.4628103	.9390550	25.73682	.9694380
#1	-.199430	-4.66407	-1.15895	19.91229	2.346144	-.076748	22328.60
#2	-.038377	-4.67426	-3.00087	20.04305	2.377510	-.110897	22636.83

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0382550	-.486720	10.87225	-.125110	11.92388	4306.412	15269.64
SDev	.1606752	.324174	.01119	.187426	8.54455	1.621	73.58
%RSD	420.0107	66.60369	.1029178	149.8092	71.65919	.0376422	.4818386
#1	-.075360	-.715945	10.88016	.0074204	5.881965	4305.266	15217.61
#2	.1518696	-.257495	10.86434	-.257641	17.96579	4307.559	15321.66

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8348789	.7638744	12721.01	.2410305	1.003030	1.379432	.1493304
SDev	.0303116	.3323944	13.02	.8649284	2.369570	1.343130	.6254114
%RSD	3.630662	43.51427	.1023342	358.8461	236.2410	97.36832	418.8107
#1	.8134453	.9989128	12730.22	-.370566	-.672508	.4296958	-.292902
#2	.8563125	.5288361	12711.81	.8526272	2.678570	2.329168	.5915630

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.90180	.6649188	1.171183	2.218792	-.302910	.0424928	2.140848
SDev	1.37816	.8613564	3.982541	2.046986	.066839	.4122925	.451850
%RSD	72.46629	129.5431	340.0442	92.25677	22.06554	970.2651	21.10613
#1	-2.87630	1.273990	-1.64490	.7713546	-.255648	-.249042	1.821342
#2	-.927289	.0558479	3.987265	3.666230	-.350173	.3340276	2.460355

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3445.706	-.207540	208.1151	-.158871
SDev	17.491	.411266	.3327	.036351
%RSD	.5076289	198.1617	.1598828	22.88067
#1	3433.337	-.498349	207.8798	-.184575
#2	3458.074	.0832683	208.3504	-.133167

Method: STL3 Sample Name: 220-7945-B-7-A Operator: NP
Run Time: 02/16/09 11:03:25
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0527861	47.88989	9.169131	67.63489	10.13421	-.060496	9541.675
SDev	.0923118	1.88455	1.304582	.20680	.08428	.072407	153.406
%RSD	174.8790	3.935180	14.22798	.3057575	.8316338	119.6890	1.607750
#1	.1180603	46.55731	10.09161	67.78111	10.07462	-.111696	9433.200
#2	-.012488	49.22247	8.246653	67.48865	10.19381	-.009296	9650.149

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.686428	1.208600	25.74976	31.22535	257.6506	15306.85	8658.625
SDev	.128968	.292839	.11279	.04452	.5491	165.34	65.782
%RSD	18.78822	24.22962	.4380407	.1425782	.2131364	1.080198	.7597320
#1	-.777622	1.001532	25.67000	31.19387	258.0389	15189.93	8612.109
#2	-.595234	1.415669	25.82951	31.25683	257.2623	15423.76	8705.140

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37.64359	4.509798	H199673.0	11.29907	4.469276	9.366603	2.201248
SDev	.17150	1.059507	1096.0	.10218	1.348651	2.069164	.620758
%RSD	.4555905	23.49345	.5489162	.9043058	30.17604	22.09087	28.20029
#1	37.52232	5.258983	H200448.0	11.22682	5.422917	7.903483	2.640190
#2	37.76485	3.760613	H198898.0	11.37132	3.515636	10.82972	1.762305

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.157787	13.17310	.1231914	11.78076	4.530036	31.37192	1.500286
SDev	3.640989	3.23684	.4059690	1.22419	3.761642	.59831	.300874
%RSD	2307.532	24.57163	329.5432	10.39146	83.03780	1.907147	20.05442
#1	-2.73236	15.46189	.4102549	10.91513	1.870153	31.79499	1.713035
#2	2.416781	10.88430	-.163872	12.64640	7.189919	30.94885	1.287536

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	88080.80	L-23.3038	154.7909	10.08972
SDev	1046.79	3.0837	.9617	.02115
%RSD	1.188448	13.23257	.6212747	.2096022
#1	87340.61	L-25.4842	154.1109	10.07476
#2	88821.00	L-21.1233	155.4709	10.10467

Method: STL3 Sample Name: 220-7945-B-8-B Operator: NP
Run Time: 02/16/09 11:09:09
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.256865	-5.59343	-1.89066	206.9086	32.39435	-.102413	30950.11
SDev	.017639	1.67735	.19830	.2060	.09759	.084426	290.39
%RSD	6.867140	29.98777	10.48824	.0995584	.3012453	82.43729	.9382660
#1	-.269338	-4.40737	-2.03088	206.7629	32.32535	-.042714	30744.77
#2	-.244392	-6.77950	-1.75044	207.0542	32.46336	-.162111	31155.45

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1049087	8.978125	-.681720	.7723233	28.18475	6501.456	7796.230
SDev	.1445873	.412847	.165451	.0439988	.23907	9.726	42.020
%RSD	137.8219	4.598365	24.26958	5.696944	.8482119	.1495999	.5389832
#1	.2071474	8.686198	-.798712	.8034351	28.01570	6494.579	7766.518
#2	.0026701	9.270052	-.564729	.7412114	28.35379	6508.333	7825.943

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3303.225	1.101742	68251.64	14.00514	1.729022	-.108409	.4957969
SDev	11.888	.353169	332.63	.30932	2.553661	.165041	.0015749
%RSD	.3598821	32.05551	.4873626	2.208590	147.6939	152.2397	.3176505
#1	3294.819	1.351470	68016.44	13.78642	-.076689	.0082930	.4969105
#2	3311.631	.8520138	68486.85	14.22386	3.534734	-.225110	.4946833

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9938207	3.193461	.9970014	.3471450	-1.02188	1.014579	4.117990
SDev	3.994076	1.492559	3.083417	.4233830	.35242	.167548	.074630
%RSD	401.8911	46.73798	309.2691	121.9614	34.48717	16.51405	1.812290
#1	-1.83042	2.138062	-1.18330	.6465220	-1.27108	.8961043	4.065218
#2	3.818059	4.248859	3.177306	.0477681	-.772687	1.133053	4.170761

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7378.119	-6.12556	169.3350	-.014793
SDev	16.781	1.55654	.0218	.042989
%RSD	.2274429	25.41051	.0128646	290.5994
#1	7366.253	-5.02492	169.3505	.0156046
#2	7389.985	-7.22619	169.3197	-.045191

Method: STL3 Sample Name: 220-8008-A-16-A Operator: NP
Run Time: 02/16/09 11:14:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.080498	L-14.9877	-2.47603	-3.59864	.0313656	-.110869	L-15.5939
SDev	.092148	.1991	1.61453	.43271	.0177430	.024123	.3219
%RSD	114.4724	1.328170	65.20659	12.02441	56.56854	21.75804	2.064544
#1	-.145657	L-14.8469	-1.33438	-3.29266	.0188193	-.093812	L-15.8216
#2	-.015340	L-15.1284	-3.61768	-3.90461	.0439118	-.127927	L-15.3663

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.208149	-.667616	-.127691	-.265477	11.77884	38.97209	-1.13501
SDev	.197416	.057461	.158231	.165236	8.29612	.00000	1.60437
%RSD	94.84365	8.606846	123.9171	62.24146	70.43237	.0000000	141.3531
#1	-.347743	-.708247	-.239578	-.148637	5.912600	38.97209	-2.26947
#2	-.068555	-.626985	-.015805	-.382316	17.64508	38.97209	-.000548

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.078445	.6316654	30.50224	-.098774	1.386981	1.309043	-1.92607
SDev	.010077	.6855633	6.78844	.106404	.152814	.268390	1.11441
%RSD	12.84542	108.5327	22.25555	107.7244	11.01775	20.50273	57.85920
#1	-.071320	1.116432	35.30239	-.023535	1.495037	1.498824	-2.71408
#2	-.085571	.1468989	25.70209	-.174013	1.278925	1.119263	-1.13806

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1484990	2.732519	.7145715	1.866692	.1910704	.5254577	.5321817
SDev	.2775393	.658984	.0998205	.975212	1.147378	.1639281	.6026246
%RSD	186.8964	24.11635	13.96928	52.24278	600.4999	31.19720	113.2366
#1	-.047751	3.198490	.6439877	2.556271	-.620248	.4095430	.1060617
#2	.3447489	2.266547	.7851552	1.177113	1.002389	.6413723	.9583016

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	L-13.7630	-.103512	-.191047	.0722049
SDev	3.9962	1.615052	.003916	.0327720
%RSD	29.03612	1560.257	2.049563	45.38747
#1	L-10.9372	1.038503	-.193816	.0490316
#2	L-16.5888	-1.24553	-.188278	.0953782

Method: STL3 Sample Name: 220-8015-C-1-A Operator: NP
Run Time: 02/16/09 11:20:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.070598	-2.87194	-.238341	12.87285	148.3873	-.068139	H142809.4
SDev	.222101	.20126	3.712014	.42811	1.2464	.060300	1882.6
%RSD	314.6012	7.007887	1557.437	3.325667	.8399878	88.49530	1.318242
#1	.0864515	-3.01425	-2.86313	12.57013	147.5060	-.025501	H141478.2
#2	-.227647	-2.72962	2.386449	13.17557	149.2687	-.110777	H144140.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.374209	-.309373	-.089821	-.312786	6868.818	9254.717	19332.94
SDev	.187649	.235400	.145999	.010855	40.987	45.388	189.80
%RSD	50.14539	76.08951	162.5437	3.470437	.5967160	.4904321	.9817375
#1	-.506896	-.142920	-.193058	-.320461	6839.835	9222.623	19198.74
#2	-.241521	-.475826	.0134155	-.305110	6897.800	9286.811	19467.15

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	405.4999	1.821547	H147795.2	.4373888	.8072652	2.021057	-2.11666
SDev	2.6742	.207747	776.3	.0698814	.7015052	1.226811	1.71402
%RSD	.6594771	11.40495	.5252416	15.97695	86.89898	60.70148	80.97742
#1	403.6090	1.674648	H147246.2	.4868024	1.303304	2.888544	-3.32866
#2	407.3909	1.968446	H148344.1	.3879752	.3112261	1.153570	-.904668

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.41168	1.408614	.5063919	3.129981	-.201224	.7020670	1.376557
SDev	.39931	1.240202	.4324901	3.346897	3.019585	.2430119	.073090
%RSD	16.55731	88.04414	85.40619	106.9302	1500.608	34.61377	5.309657
#1	-2.12932	2.285569	.8122086	5.496595	-2.33639	.8739023	1.324874
#2	-2.69403	.5316587	.2005753	.7633681	1.933945	.5302317	1.428240

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5195.425	1.467135	615.8427	.5935196
SDev	36.218	2.760000	3.0631	.1682329
%RSD	.6971098	188.1218	.4973802	28.34495
#1	5169.815	3.418749	613.6767	.7124782
#2	5221.035	-.484480	618.0085	.4745610

Method: STL3 Sample Name: 220-8015-C-2-A Operator: NP
Run Time: 02/16/09 11:26:20
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0180292	5.003488	-2.90869	9.016419	514.7183	-.076557	H218515.8
SDev	.0166451	2.479160	.10302	.073204	2.2756	.072247	1709.0
%RSD	92.32306	49.54863	3.541813	.8118968	.4420998	94.37026	.7821095
#1	.0062593	3.250458	-2.83584	8.964656	513.1092	-.025471	H217307.3
#2	.0297991	6.756520	-2.98154	9.068182	516.3273	-.127643	H219724.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.138319	-.448531	-.244192	-.273322	7350.529	16275.42	22133.53
SDev	.132864	.088680	.204353	.000126	24.382	76.19	82.30
%RSD	96.05595	19.77117	83.68555	.0459600	.3317002	.4681169	.3718367
#1	-.044370	-.385825	-.099692	-.273233	7333.289	16221.55	22075.34
#2	-.232268	-.511237	-.388692	-.273411	7367.770	16329.29	22191.73

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	377.2498	.7785643	H201166.0	.4156577	2.593099	4.082627	-3.70724
SDev	2.6237	.1038733	738.1	.6985152	.397477	2.992427	.64676
%RSD	.6954766	13.34164	.3668989	168.0506	15.32828	73.29660	17.44586
#1	375.3945	.7051148	H200644.1	.9095826	2.312040	6.198592	-3.24991
#2	379.1050	.8520138	H201687.9	-.078267	2.874158	1.966662	-4.16457

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3355020	5.458479	1.161908	7.136524	-2.03544	.5805364	8.652762
SDev	3.428171	.729189	.959895	3.921270	1.13209	.8800084	.450072
%RSD	1021.803	13.35883	82.61372	54.94649	55.61898	151.5854	5.201488
#1	2.759585	5.974093	.4831594	9.909281	-1.23493	1.202796	8.334513
#2	-2.08858	4.942864	1.840657	4.363768	-2.83595	-.041723	8.971011

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3914.392	.6881309	751.6209	1.008961
SDev	22.376	1.292732	2.5333	.032739
%RSD	.5716445	187.8613	.3370463	3.244841
#1	3898.569	-.225968	749.8296	.9858105
#2	3930.214	1.602230	753.4122	1.032111

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 02/16/09 11:32:04
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.65871	4778.574	506.3551	483.8049	494.7416	491.9592	18821.67
SDev	.02702	23.936	1.0917	.6353	.7186	2.2787	80.17
%RSD	.0523045	.5009021	.2156022	.1313115	.1452449	.4631971	.4259212
#1	51.67782	4761.649	507.1271	483.3557	494.2334	490.3479	18764.98
#2	51.63961	4795.499	505.5832	484.2541	495.2497	493.5705	18878.35

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	496.0824	496.7334	503.3896	483.2167	5004.254	18699.71	18694.71
SDev	.6372	1.3319	.2825	1.1372	7.140	68.09	2.29
%RSD	.1284444	.2681339	.0561139	.2353309	.1426810	.3640980	.0122632
#1	496.5330	495.7916	503.1898	484.0208	4999.206	18651.57	18696.33
#2	495.6319	497.6752	503.5893	482.4126	5009.303	18747.85	18693.09

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.7841	499.7796	20530.10	498.3909	489.8662	485.7887	483.3230
SDev	.1312	1.1218	148.14	3.2098	1.1195	2.7548	7.1902
%RSD	.0258338	.2244577	.7215893	.6440232	.2285376	.5670776	1.487656
#1	507.8768	498.9864	20425.35	496.1212	489.0745	483.8408	478.2387
#2	507.6913	500.5729	20634.85	500.6605	490.6578	487.7367	488.4072

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	470.3778	491.1605	489.2191	484.8736	487.6207	494.0114	499.1141
SDev	6.5328	1.1542	1.1023	2.5823	3.1003	.0607	3.4648
%RSD	1.388845	.2349957	.2253199	.5325752	.6358067	.0122789	.6941894
#1	465.7584	490.3443	488.4397	483.0476	485.4284	493.9685	496.6642
#2	474.9972	491.9766	489.9986	486.6996	489.8129	494.0543	501.5641

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	517.9349	480.9903	498.6154	492.5286
SDev	5.6206	2.7312	.2370	.1707
%RSD	1.085186	.5678267	.0475325	.0346605
#1	521.9092	479.0591	498.7830	492.6493
#2	513.9606	482.9215	498.4478	492.4078

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 02/16/09 11:37:47
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0424945	-5.76916	-.326914	.8220794	.0219559	-.016911	1.365892
SDev	.2982035	3.74275	1.294464	.5272689	.0044358	.108559	.804858
%RSD	701.7465	64.87503	395.9647	64.13844	20.20305	641.9450	58.92547
#1	-.168367	-8.41569	.5884102	1.194915	.0188193	.0598519	.7967711
#2	.2533562	-3.12264	-1.24224	.4492440	.0250924	-.093674	1.935012

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.360833	-.288318	.0477190	-.781360	11.76348	28.65594	-2.59407
SDev	.218754	.291890	.4067928	.122093	9.88738	8.10512	2.29192
%RSD	60.62466	101.2390	852.4745	15.62567	84.05149	28.28425	88.35225
#1	-.515515	-.494716	-.239927	-.867692	4.772049	22.92476	-4.21470
#2	-.206150	-.081920	.3353650	-.695027	18.75492	34.38713	-.973438

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.142791	2.276934	54.92834	.4543245	.8445758	2.362920	2.483060
SDev	.020167	1.682747	7.04623	.5029973	.1098145	1.911729	2.431668
%RSD	14.12327	73.90407	12.82804	110.7132	13.00233	80.90535	97.93026
#1	-.128531	3.466815	59.91077	.0986517	.9222264	1.011124	4.202509
#2	-.157051	1.087052	49.94590	.8099973	.7669252	3.714717	.7636118

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.44875	1.545717	.4939312	1.799005	3.491344	-.858543	.4250979
SDev	6.59984	.511623	.4200676	2.601838	.529298	.177910	.1501750
%RSD	191.3689	33.09942	85.04578	144.6265	15.16029	20.72236	35.32716
#1	-8.11555	1.183944	.7909638	-.040772	3.117074	-.984344	.5312877
#2	1.218040	1.907489	.1968985	3.638782	3.865614	-.732741	.3189082

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-20.3951	4.133054	.0055184	.2371157
SDev	.0330	.558053	.0000169	.1202301
%RSD	.1615585	13.50221	.3062880	50.70524
#1	-20.3718	3.738451	.0055303	.3221311
#2	-20.4184	4.527658	.0055065	.1521002

Method: STL3 Sample Name: 220-8015-C-3-A Operator: NP
Run Time: 02/16/09 11:43:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0731679	33.14899	-.916957	30.40685	53.81075	-.101955	91064.33
SDev	.1464496	.88768	.037602	.03828	.08871	.036164	86.77
%RSD	200.1557	2.677838	4.100761	.1258931	.1648643	35.47022	.0952840
#1	.1767234	33.77667	-.943546	30.43391	53.74802	-.127526	91002.97
#2	-.030388	32.52130	-.890369	30.37978	53.87349	-.076383	91125.68

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.276628	-.280295	.1555894	-.320164	257.5267	1408.725	23160.75
SDev	.177455	.089089	.2599067	.110394	8.2957	1.621	96.04
%RSD	64.14957	31.78399	167.0465	34.48050	3.221300	.1150767	.4146648
#1	-.402108	-.343290	.3393712	-.242103	251.6607	1409.872	23092.84
#2	-.151148	-.217299	-.028192	-.398224	263.3926	1407.579	23228.66

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	326.2438	.6757351	33246.91	-.119092	1.991531	1.714851	-1.02508
SDev	.3027	.0830985	72.63	.120234	1.131422	.614011	2.03920
%RSD	.0927939	12.29750	.2184658	100.9589	56.81164	35.80549	198.9302
#1	326.0297	.6169756	33195.55	-.034074	2.791567	2.149022	.4168489
#2	326.4579	.7344946	33298.27	-.204111	1.191496	1.280680	-2.46702

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.76934	2.446906	1.763486	1.904711	1.333460	.4357341	1.820394
SDev	5.49370	.331385	1.530698	.898894	.043248	.0496914	.829387
%RSD	198.3758	13.54304	86.79958	47.19319	3.243266	11.40408	45.56083
#1	1.115291	2.681230	2.845853	2.540324	1.364040	.4005969	2.406859
#2	-6.65397	2.212581	.6811188	1.269097	1.302879	.4708712	1.233929

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6999.565	1.440077	461.0533	1.724844
SDev	30.025	6.020351	.1822	.012033
%RSD	.4289518	418.0577	.0395261	.6976144
#1	6978.335	5.697108	461.1822	1.733352
#2	7020.796	-2.81695	460.9244	1.716335

Method: STL3 Sample Name: 220-8015-C-4-A Operator: NP
Run Time: 02/16/09 11:49:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1388131	-9.47819	-2.84947	12.13381	8.967414	-.102277	61508.56
SDev	.0922378	4.03672	1.55497	.14974	.039921	.060273	710.21
%RSD	66.44749	42.58960	54.57048	1.234111	.4451840	58.93088	1.154646
#1	.2040352	-6.62379	-3.94901	12.02793	8.939185	-.059658	61006.37
#2	.0735911	L-12.3326	-1.74994	12.23970	8.995643	-.144896	62010.75

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.289328	-.356902	-.068584	-.265382	19.90318	952.5230	14176.06
SDev	.098438	.029653	.101690	.055154	.00335	11.3472	79.30
%RSD	34.02293	8.308462	148.2707	20.78294	.0168256	1.191274	.5594249
#1	-.358934	-.335934	.0033216	-.304382	19.90081	944.4993	14119.98
#2	-.219722	-.377869	-.140489	-.226382	19.90555	960.5466	14232.13

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.68259	.3231776	29497.97	-.223764	2.030228	.8791549	-.349618
SDev	.01010	.0415491	101.87	1.247272	.045716	2.147308	1.023364
%RSD	.0261145	12.85644	.3453422	557.4058	2.251788	244.2469	292.7089
#1	38.68974	.3525573	29425.94	-1.10572	1.997902	2.397531	.3740093
#2	38.67545	.2937979	29570.00	.6581906	2.062554	-.639221	-1.07325

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.682667	2.274748	1.907502	.9109868	.8142945	.2106808	4.203680
SDev	.480650	2.192143	1.162898	2.161159	2.119423	.1227646	.226294
%RSD	28.56478	96.36861	60.96444	237.2328	260.2772	58.27042	5.383232
#1	1.342796	3.824827	1.085209	2.439157	2.312953	.2974885	4.043666
#2	2.022538	.7246687	2.729795	-.617184	-.684364	.1238731	4.363694

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6784.307	-1.95139	253.0119	.2262835
SDev	32.281	2.99557	.4911	.0021823
%RSD	.4758250	153.5097	.1940884	.9643913
#1	6761.480	-4.06958	252.6646	.2247404
#2	6807.133	.1667991	253.3591	.2278266

Method: STL3 Sample Name: MB 220-24234/1-A Operator: NP
Run Time: 02/16/09 11:55:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0422516	L-10.7277	-2.70729	.7828033	.0690042	-.076710	L-15.0248
SDev	.0379406	3.0393	2.31852	.2808054	.0177430	.048157	1.7707
%RSD	89.79675	28.33082	85.64005	35.87177	25.71298	62.77736	11.78511
#1	.0154236	L-12.8768	-1.06785	.9813628	.0815505	-.110762	L-13.7728
#2	.0690796	-8.57866	-4.34673	.5842439	.0564580	-.042658	L-16.2769

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.077252	.0010836	-.111797	-.554280	3.787070	25.21724	.1608850
SDev	.134154	.7094009	.022412	.021954	2.369991	3.24206	.2294629
%RSD	173.6574	65464.49	20.04724	3.960817	62.58113	12.85651	142.6254
#1	.0176090	.5027058	-.095949	-.538756	5.462907	22.92476	.3231398
#2	-.172113	-.500539	-.127644	-.569803	2.111233	27.50972	-.001370

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.185532	.6316654	15.28150	.5377157	2.198097	3.490150	-2.66495
SDev	.040295	.0207746	1.63266	.1513074	.331857	.435066	.91553
%RSD	21.71866	3.288855	10.68391	28.13892	15.09747	12.46553	34.35462
#1	-.157039	.6169756	16.43597	.6447062	2.432755	3.797788	-3.31233
#2	-.214025	.6463552	14.12703	.4307253	1.963438	3.182512	-2.01757

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.624279	2.964083	1.815077	4.936774	.5913564	-.045321	.1597364
SDev	.618940	.263119	.366175	.841683	.3793907	.783141	.0753020
%RSD	23.58514	8.876895	20.17404	17.04926	64.15602	1728.003	47.14145
#1	3.061936	3.150136	2.074002	5.531934	.3230866	-.599085	.1064898
#2	2.186623	2.778030	1.556153	4.341614	.8596262	.5084439	.2129829

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	L-12.7752	2.097577	-.160550	.0695992
SDev	.2938	.264301	.007808	.0291175
%RSD	2.299684	12.60031	4.863024	41.83602
#1	L-12.9830	1.910688	-.155029	.0490100
#2	L-12.5675	2.284466	-.166071	.0901885

Method: STL3 Sample Name: LCS 220-24234/2-A Operator: NP
Run Time: 02/16/09 12:00:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	319.0582	5795.904	1038.545	1085.887	306.3286	106.2592	30732.37
SDev	1.7974	1.055	4.806	2.993	.6122	.2781	43.94
%RSD	.5633304	.0182049	.4628074	.2755985	.1998371	.2616743	.1429900
#1	317.7873	5795.158	1035.146	1083.771	306.7615	106.0626	30701.30
#2	320.3291	5796.650	1041.943	1088.003	305.8958	106.4559	30763.44

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	308.5516	308.7381	313.9109	302.5728	25052.60	20013.30	15288.49
SDev	.3724	.8444	.7341	.8654	109.18	12.97	7.56
%RSD	.1207044	.2734983	.2338569	.2860105	.4357988	.0647981	.0494442
#1	308.2882	308.1410	313.3918	303.1848	24975.40	20004.13	15293.84
#2	308.8149	309.3352	314.4300	301.9609	25129.81	20022.47	15283.15

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	211.6869	1082.322	30595.40	310.1742	1028.192	536.0409	1079.110
SDev	.5854	11.717	18.67	.5783	2.435	1.1517	.601
%RSD	.2765201	1.082570	.0610108	.1864508	.2368482	.2148495	.0556482
#1	211.2730	1074.037	30608.60	309.7652	1026.470	535.2266	1078.685
#2	212.1009	1090.607	30582.20	310.5831	1029.914	536.8553	1079.534

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	994.6615	1030.639	1026.970	535.8129	536.4966	312.0601	311.4552
SDev	2.3037	.171	3.566	1.1078	5.6776	.5615	.7446
%RSD	.2316029	.0165743	.3472355	.2067493	1.058268	.1799371	.2390611
#1	996.2904	1030.518	1024.448	536.5962	532.4819	311.6631	310.9287
#2	993.0325	1030.760	1029.491	535.0295	540.5112	312.4572	311.9817

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	930.9313	1089.402	-.686983	1080.624
SDev	3.0060	10.109	.003000	3.470
%RSD	.3229004	.9279466	.4366264	.3211045
#1	933.0568	1082.254	-.689104	1078.170
#2	928.8057	1096.551	-.684862	1083.078

Method: STL3 Sample Name: 220-8008-A-1-A Operator: NP
Run Time: 02/16/09 12:06:28
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1100345	13079.47	7.513385	6.261450	20.76086	.6159180	142.2805
SDev	.0492745	16.54	2.458528	1.234611	.01331	.0241097	.4829
%RSD	44.78099	.1264921	32.72197	19.71765	.0640995	3.914438	.3394144
#1	.1448769	13091.17	5.774943	7.134452	20.75145	.6329662	142.6220
#2	.0751921	13067.77	9.251826	5.388449	20.77027	.5988699	141.9391

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.16839	4.671217	98.62264	13.18873	39636.52	506.6368	1856.043
SDev	.17143	.287565	.18067	.03180	50.62	.0000	3.207
%RSD	14.67266	6.156102	.1831950	.2411275	.1277147	.0000000	.1728016
#1	-1.28961	4.467878	98.75040	13.21121	39672.31	506.6368	1853.775
#2	-1.04717	4.874556	98.49489	13.16624	39600.72	506.6368	1858.311

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	251.9637	7.065840	31.85418	9.045729	10.54294	5.134236	2.336129
SDev	.2422	3.552465	1.82601	.054344	1.05695	.667737	2.282284
%RSD	.0961226	50.27662	5.732392	.6007751	10.02518	13.00558	97.69513
#1	252.1349	9.577812	33.14536	9.007301	9.795562	5.606397	3.949947
#2	251.7924	4.553867	30.56300	9.084156	11.29031	4.662075	.7223103

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.200229	10.53846	10.54437	4.875655	5.651072	26.28453	28.91578
SDev	.672126	1.86308	.65449	.880717	.240992	.03665	.45610
%RSD	10.84033	17.67888	6.206970	18.06357	4.264541	.1394493	1.577350
#1	5.724965	9.221065	10.08158	5.498416	5.821480	26.31045	28.59326
#2	6.675494	11.85586	11.00716	4.252893	5.480665	26.25861	29.23829

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2170.712	8.026342	1.564065	428.1846
SDev	2.583	5.933406	.011757	.0036
%RSD	.1189747	73.92415	.7516972	.0008467
#1	2168.885	12.22189	1.572378	428.1820
#2	2172.538	3.830792	1.555751	428.1872

Method: STL3 Sample Name: 220-8008-A-1-B DU Operator: NP
Run Time: 02/16/09 12:12:11
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1746477	13579.57	8.003198	3.423964	19.92654	.5665758	141.2561
SDev	.1249297	15.28	2.778722	.089288	.01331	.0238273	.9658
%RSD	71.53239	.1125078	34.72015	2.607731	.0667834	4.205491	.6837442
#1	.0863091	13590.37	6.038344	3.360828	19.91713	.5834243	140.5732
#2	.2629864	13568.76	9.968051	3.487100	19.93595	.5497274	141.9391

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.05858	4.910960	93.03337	13.58071	38783.69	496.3206	1788.250
SDev	.44423	.151171	.05681	.03319	245.02	4.8631	5.279
%RSD	41.96498	3.078243	.0610611	.2444016	.6317695	.9798231	.2952171
#1	-1.37270	5.017855	93.07354	13.60418	38610.43	492.8819	1784.517
#2	-.744458	4.804066	92.99320	13.55724	38956.95	499.7593	1791.983

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	219.3322	2.262244	28.28445	8.332474	8.874971	3.256794	-.695779
SDev	1.1807	.166197	.12890	.199539	2.408657	2.116866	.799291
%RSD	.5383282	7.346570	.4557152	2.394719	27.13988	64.99847	114.8772
#1	218.4973	2.144725	28.37559	8.191379	7.171794	4.753644	-1.26096
#2	220.1670	2.379763	28.19330	8.473570	10.57815	1.759943	-.130595

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.087851	7.562484	9.529432	2.697779	4.375400	26.43485	25.74626
SDev	3.706613	1.485232	2.869677	4.010831	1.676893	.41402	.31330
%RSD	60.88541	19.63947	30.11383	148.6716	38.32548	1.566188	1.216882
#1	8.708822	6.512267	7.500264	5.533865	3.189657	26.14210	25.96779
#2	3.466880	8.612701	11.55860	-.138306	5.561142	26.72761	25.52472

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2289.084	3.096991	1.547445	436.1266
SDev	7.613	1.902355	.003902	1.4271
%RSD	.3325996	61.42592	.2521710	.3272157
#1	2283.700	4.442160	1.544686	435.1175
#2	2294.467	1.751823	1.550204	437.1357

Method: STL3 Sample Name: 220-8008-A-1-C MS Operator: NP
Run Time: 02/16/09 12:17:55
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.13645	14679.87	23.53602	211.8900	423.8993	11.00424	2323.612
SDev	.24958	87.66	1.28271	.9945	2.6437	.01218	15.292
%RSD	2.462230	.5971715	5.449981	.4693516	.6236696	.1106978	.6581302
#1	9.959971	14617.88	22.62901	211.1868	422.0299	10.99563	2312.799
#2	10.31293	14741.85	24.44303	212.5932	425.7687	11.01285	2334.425

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.12451	104.5220	128.8843	63.01171	40869.33	2294.767	4054.430
SDev	.02972	.9428	.8362	.33109	181.48	3.242	25.672
%RSD	.1554235	.9020475	.6487941	.5254455	.4440576	.1412880	.6331920
#1	19.10349	103.8553	128.2930	62.77759	40741.00	2292.474	4036.277
#2	19.14553	105.1887	129.4755	63.24583	40997.66	2297.059	4072.583

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	308.8583	211.5639	2293.941	109.8816	17.74174	23.69092	189.4964
SDev	.2422	.1246	9.130	2.6067	1.26262	3.03448	5.1585
%RSD	.0784333	.0589143	.3980154	2.372238	7.116656	12.80862	2.722194
#1	308.6870	211.4757	2287.485	108.0384	18.63454	25.83662	185.8489
#2	309.0296	211.6520	2300.398	111.7247	16.84893	21.54522	193.1440

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.99406	19.54240	16.84191	23.29385	24.48528	128.2309	128.4994
SDev	.47058	.87235	1.45739	4.24140	.61700	.6837	.7429
%RSD	1.810347	4.463893	8.653349	18.20825	2.519893	.5331653	.5781696
#1	25.66130	20.15925	17.87243	26.29297	24.92157	127.7474	127.9741
#2	26.32681	18.92556	15.81138	20.29472	24.04899	128.7143	129.0247

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2922.379	204.5867	3.506889	675.6446
SDev	18.207	2.1779	.007524	.8367
%RSD	.6230245	1.064521	.2145363	.1238326
#1	2909.505	203.0467	3.501569	675.0530
#2	2935.253	206.1267	3.512209	676.2362

Method: STL3 Sample Name: 220-8008-A-1-A PDS Operator: NP
Run Time: 02/16/09 12:23:39
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.19162	15201.53	49.88936	207.8551	2044.733	54.16636	10347.78
SDev	.28774	90.77	1.51952	1.8330	1.845	.19299	40.73
%RSD	.5513086	.5971155	3.045774	.8818804	.0902455	.3562976	.3935687
#1	51.98816	15137.35	48.81490	206.5589	2046.038	54.02989	10318.98
#2	52.39508	15265.72	50.96382	209.1512	2043.429	54.30283	10376.58

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.09049	522.6018	306.9293	266.6325	39628.09	9569.933	11863.60
SDev	.18650	3.1896	1.0959	.9710	232.99	59.977	40.58
%RSD	.3650296	.6103264	.3570596	.3641550	.5879527	.6267235	.3420365
#1	50.95861	520.3464	306.1544	265.9459	39463.34	9527.522	11834.91
#2	51.22236	524.8571	307.7042	267.3191	39792.84	9612.343	11892.30

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	772.1733	204.6449	10839.31	526.0834	29.65555	57.35503	298.6035
SDev	1.4736	1.3919	53.68	1.8324	.20297	1.11661	5.1596
%RSD	.1908379	.6801487	.4952732	.3483051	.6844242	1.946843	1.727904
#1	771.1313	203.6607	10801.35	524.7877	29.79907	56.56546	294.9552
#2	773.2153	205.6292	10877.27	527.3791	29.51203	58.14459	302.2519

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.16837	29.01617	29.97386	57.22868	57.60690	543.3080	546.6590
SDev	3.00940	.76591	.68654	.98124	1.38747	3.0449	1.7192
%RSD	6.247670	2.639601	2.290468	1.714596	2.408512	.5604310	.3144868
#1	50.29634	28.47459	30.45932	56.53484	56.62580	541.1549	545.4434
#2	46.04040	29.55776	29.48840	57.92252	58.58798	545.4610	547.8746

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2315.311	205.5136	1.582727	619.8058
SDev	7.344	1.7394	.003067	1.6632
%RSD	.3171779	.8463472	.1937864	.2683412
#1	2310.119	204.2836	1.580558	618.6297
#2	2320.504	206.7434	1.584896	620.9818

Method: STL3 Sample Name: 220-8008-A-1-A SD@5 Operator: NP
Run Time: 02/16/09 12:29:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.258809	2503.834	-2.06803	1.012825	4.137117	.1299091	34.03350
SDev	.048678	13.789	.31232	.011438	.048793	.0481988	.32195
%RSD	18.80841	.5507193	15.10214	1.129348	1.179402	37.10197	.9459658
#1	-.293229	2494.084	-1.84719	1.004737	4.171619	.1639908	33.80585
#2	-.224388	2513.585	-2.28887	1.020913	4.102615	.0958274	34.26115

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.391993	.6907240	19.49617	2.270737	7795.310	114.6237	363.5220
SDev	.001386	.1524140	.14674	.087614	77.397	9.7261	.2258
%RSD	.3536741	22.06583	.7526665	3.858403	.9928634	8.485265	.0621277
#1	-.392974	.7984969	19.39241	2.332689	7740.582	107.7463	363.6817
#2	-.391013	.5829510	19.59994	2.208784	7850.038	121.5011	363.3623

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.72193	2.012516	5.559672	1.998845	2.618507	1.401526	4.012787
SDev	.52478	1.682746	.859296	.020134	.266369	.189421	1.320083
%RSD	1.055427	83.61409	15.45588	1.007289	10.17254	13.51535	32.89691
#1	49.35086	3.202397	6.167287	1.984608	2.430156	1.267585	4.946227
#2	50.09301	.8226341	4.952058	2.013082	2.806858	1.535467	3.079347

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.18605	1.193403	3.329341	-.112760	4.433644	4.759995	5.302716
SDev	3.52783	1.646678	.422681	.441927	.316350	.274773	.297731
%RSD	110.7272	137.9817	12.69562	391.9172	7.135204	5.772544	5.614690
#1	-5.68061	.0290257	3.628221	-.425250	4.657337	4.565702	5.092188
#2	-.691502	2.357780	3.030460	.1997294	4.209951	4.954289	5.513244

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	400.5351	1.564507	.3515255	85.00784
SDev	1.4192	2.142046	.0196052	.24753
%RSD	.3543202	136.9151	5.577170	.2911906
#1	399.5316	3.079162	.3376626	84.83281
#2	401.5386	.0498512	.3653884	85.18288

Method: STL3 Sample Name: 220-8008-B-17-A Operator: NP
Run Time: 02/16/09 12:35:06
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1056859	5952.297	3.605080	1.859150	32.66723	.8504059	177.1108
SDev	.0542237	3.067	2.251876	.130225	.19074	.0361643	.4829
%RSD	51.30645	.0515206	62.46397	7.004547	.5838748	4.252594	.2726658
#1	.1440279	5954.465	2.012763	1.767067	32.80210	.8248339	176.7693
#2	.0673440	5950.128	5.197397	1.951232	32.53236	.8759779	177.4523

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.216419	5.363201	29.01094	14.18140	26889.08	394.3055	935.7003
SDev	.012094	.177184	.06783	.08836	7.21	3.2420	2.2938
%RSD	5.588129	3.303693	.2337995	.6230509	.0268262	.8222085	.2451406
#1	-.207868	5.237913	28.96298	14.24388	26883.98	392.0131	934.0783
#2	-.224971	5.488489	29.05890	14.11892	26894.18	396.5980	937.3222

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	186.2364	2.085965	37.94552	10.47361	7.751441	3.029161	-1.33804
SDev	.2725	.290845	.00000	.86610	1.679702	.341260	1.34089
%RSD	.1463378	13.94296	.0000000	8.269318	21.66955	11.26583	100.2131
#1	186.0437	1.880306	37.94552	9.861188	8.939170	2.787854	-.389885
#2	186.4291	2.291624	37.94552	11.08603	6.563712	3.270469	-2.28619

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.352978	7.405949	7.923029	3.661351	1.761783	22.30862	102.3098
SDev	.614800	.908769	2.972139	.286673	1.599153	.66348	.2261
%RSD	14.12367	12.27080	37.51266	7.829709	90.76902	2.974105	.2210389
#1	4.787707	6.763352	10.02465	3.864059	.6310110	21.83947	102.4697
#2	3.918249	8.048546	5.821409	3.458642	2.892555	22.77777	102.1499

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1642.950	3.334113	3.421608	222.7246
SDev	.877	2.055332	.011757	.2585
%RSD	.0534045	61.64555	.3436137	.1160516
#1	1643.570	4.787452	3.413295	222.5418
#2	1642.329	1.880774	3.429922	222.9074

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 02/16/09 12:40:50
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.75162	4688.093	499.7933	483.0862	489.5066	483.5177	18341.67
SDev	.52721	36.732	11.4993	3.3277	.8916	5.9446	325.97
%RSD	1.038808	.7835225	2.300818	.6888429	.1821444	1.229442	1.777191
#1	50.37883	4662.120	491.6620	480.7331	488.8762	479.3142	18111.18
#2	51.12442	4714.067	507.9245	485.4392	490.1371	487.7211	18572.16

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	486.6178	486.6249	493.4923	480.0661	4909.019	18588.52	18497.41
SDev	4.3799	6.7089	8.3378	1.3997	38.041	95.64	117.15
%RSD	.9000755	1.378660	1.689548	.2915666	.7749171	.5145128	.6333494
#1	483.5207	481.8809	487.5966	479.0763	4882.120	18520.90	18414.57
#2	489.7149	491.3688	499.3880	481.0559	4935.917	18656.15	18580.25

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.1788	492.3465	20837.31	487.2689	481.9575	480.5704	480.7942
SDev	4.3499	5.8584	124.94	7.1863	2.8101	2.6719	5.4620
%RSD	.8731626	1.189903	.5996026	1.474817	.5830655	.5559834	1.136031
#1	495.1029	488.2040	20748.97	482.1873	479.9705	478.6811	476.9320
#2	501.2546	496.4891	20925.66	492.3503	483.9446	482.4597	484.6564

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	469.1067	483.1135	481.3798	479.9506	481.8108	486.7565	487.8733
SDev	3.9568	4.9236	1.7549	2.7350	2.5455	5.5162	8.9690
%RSD	.8434760	1.019134	.3645619	.5698526	.5283199	1.133252	1.838378
#1	471.9046	479.6320	480.1389	478.0166	480.0109	482.8560	481.5313
#2	466.3089	486.5950	482.6208	481.8845	483.6107	490.6571	494.2153

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	466.9087	475.7042	494.5372	484.5215
SDev	9.7667	6.6722	2.9428	4.1349
%RSD	2.091788	1.402598	.5950651	.8533934
#1	460.0026	470.9863	492.4564	481.5977
#2	473.8149	480.4222	496.6181	487.4453

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 02/16/09 12:46:34
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.038113	-9.41886	-.444454	-.067461	.0564580	.0597147	4.439153
SDev	.065315	2.95647	.112741	.282450	.0177430	.0481810	.643888
%RSD	171.3713	31.38883	25.36624	418.6852	31.42697	80.68540	14.50475
#1	.0080716	-11.5094	-.364734	-.267183	.0690042	.0256455	4.894450
#2	-.084298	-7.32832	-.524175	.1322609	.0439118	.0937838	3.983855

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1189606	-.183817	.2557904	-.266187	11.17558	22.92476	5.185990
SDev	.0689746	.085362	.2033399	.429774	6.43076	.00000	.000064
%RSD	57.98108	46.43863	79.49473	161.4557	57.54295	.0000000	.0012418
#1	.1677330	-.244177	.3995734	.0377092	15.72282	22.92476	5.185945
#2	.0701882	-.123457	.1120074	-.570083	6.628350	22.92476	5.186036

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.049896	2.394453	7.154663	.1523361	1.527048	.5912365	3.827904
SDev	.010099	1.682747	.580025	.4376222	.886675	.5841144	.898478
%RSD	20.23928	70.27688	8.106954	287.2742	58.06463	98.79539	23.47180
#1	-.057037	3.584334	7.564803	.4617817	2.154022	.1782053	4.463224
#2	-.042755	1.204571	6.744523	-.157110	.9000745	1.004268	3.192584

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.28027	.7648613	1.906921	-.554435	2.884920	.5958469	1.117817
SDev	.00119	1.316819	.671996	.382637	2.520662	.0802843	.075851
%RSD	.0520637	172.1645	35.23984	69.01387	87.37376	13.47397	6.785675
#1	-2.27943	1.695993	2.382094	-.283870	1.102542	.5390774	1.064182
#2	-2.28111	-.166271	1.431748	-.825001	4.667297	.6526165	1.171452

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-19.7304	6.064533	.0359629	.4094886
SDev	3.3303	4.229370	.0117536	.1747039
%RSD	16.87913	69.73943	32.68271	42.66392
#1	-17.3755	9.055149	.0442739	.5330229
#2	-22.0853	3.073916	.0276518	.2859543

Method: STL3 Sample Name: 220-8008-A-2-A Operator: NP
Run Time: 02/16/09 12:52:18
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0301062	37677.36	37.97013	10.64971	77.49803	1.400159	309.1472
SDev	.1245797	30.06	.07440	.48537	.22179	.000845	.1610
%RSD	413.8011	.0797909	.1959354	4.557634	.2861821	.0603173	.0520725
#1	.1181973	37656.10	38.02274	10.30649	77.65485	1.399561	309.2610
#2	-.057985	37698.61	37.91752	10.99292	77.34120	1.400756	309.0333

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.02928	6.638994	137.9320	36.41194	86281.20	1212.719	5073.745
SDev	.00786	.817154	.1817	.13241	412.87	3.242	9.386
%RSD	.3873738	12.30840	.1317606	.3636442	.4785203	.2673379	.1849932
#1	-2.03484	6.061179	138.0605	36.50557	85989.25	1210.426	5080.382
#2	-2.02372	7.216810	137.8034	36.31831	86573.14	1215.011	5067.108

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	315.5044	2.438522	84.83815	26.11017	26.58078	5.947251	-.504777
SDev	1.7558	.290845	.83782	.79959	.71759	2.874662	.802969
%RSD	.5565164	11.92710	.9875479	3.062359	2.699663	48.33598	159.0740
#1	314.2628	2.644181	85.43057	25.54478	26.07337	7.979944	.0630076
#2	316.7459	2.232864	84.24572	26.67557	27.08819	3.914558	-1.07256

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.976280	27.83582	25.95340	3.460791	10.92664	76.19364	76.43565
SDev	5.619201	.72333	.71473	3.777102	1.06707	.81671	.24762
%RSD	575.5726	2.598564	2.753881	109.1399	9.765784	1.071884	.3239603
#1	-4.94966	27.32435	25.44801	6.131605	11.68117	76.77114	76.61074
#2	2.997095	28.34730	26.45879	.7899759	10.17210	75.61614	76.26055

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3119.673	4.645338	9.956080	820.0510
SDev	.488	.834484	.023537	3.3169
%RSD	.0156382	17.96390	.2364133	.4044741
#1	3120.018	4.055268	9.939437	817.7056
#2	3119.328	5.235407	9.972724	822.3964

Method: STL3 Sample Name: 220-8008-A-3-A Operator: NP
Run Time: 02/16/09 12:58:02
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2011757	6175.770	19.63843	3.306933	76.52255	.4499441	115.4180
SDev	.0325622	2.846	1.85274	.580849	.23509	.0724110	2.0926
%RSD	16.18594	.0460783	9.434247	17.56459	.3072224	16.09333	1.813094
#1	.1781508	6173.757	18.32834	3.717655	76.68879	.5011464	113.9383
#2	.2242006	6177.782	20.94851	2.896210	76.35632	.3987418	116.8977

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.17895	1.405696	63.13791	10.43677	38622.05	500.9055	1752.684
SDev	.08297	.029215	.28248	.41929	15.00	4.8631	3.212
%RSD	7.037413	2.078302	.4474052	4.017446	.0388481	.9708545	.1832629
#1	-1.12028	1.385038	63.33766	10.73326	38632.66	497.4668	1750.412
#2	-1.23762	1.426354	62.93817	10.14029	38611.44	504.3442	1754.955

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	157.3668	1.615888	29.04396	5.950104	14.20239	7.775969	-1.97955
SDev	.4945	.207747	.42965	.651439	.82128	2.137790	.57758
%RSD	.3142532	12.85649	1.479294	10.94837	5.782718	27.49227	29.17723
#1	157.0171	1.762787	28.74016	5.489467	13.62166	6.264323	-1.57114
#2	157.7165	1.468989	29.34777	6.410741	14.78313	9.287615	-2.38795

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.337374	13.86683	14.36912	7.166422	8.995789	37.44239	19.82615
SDev	.547147	1.17325	.64556	2.103632	2.206352	.60967	.97987
%RSD	40.91205	8.460853	4.492714	29.35400	24.52650	1.628277	4.942299
#1	.9504824	13.03722	13.91264	5.678930	7.435662	37.01129	19.13328
#2	1.724265	14.69645	14.82560	8.653915	10.55592	37.87349	20.51902

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2111.166	6.701592	23.74467	378.6343
SDev	7.896	2.525335	.02358	.0328
%RSD	.3739906	37.68262	.0993036	.0086742
#1	2105.584	4.915911	23.76134	378.6575
#2	2116.749	8.487274	23.72799	378.6111

Method: STL3 Sample Name: 220-8008-A-4-A Operator: NP
Run Time: 02/16/09 13:03:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0031247	9141.542	9.333157	1.734678	13.94513	.4827073	34.48880
SDev	.1194901	31.803	1.171398	.185453	.02661	.0241450	.00000
%RSD	3824.080	.3478979	12.55093	10.69090	.1908520	5.001996	.0000000
#1	-.081368	9119.054	8.504853	1.603543	13.92631	.4656343	34.48880
#2	.0876169	9164.030	10.16146	1.865813	13.96395	.4997804	34.48880

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.347205	3.972034	57.11749	4.941092	16315.70	349.6023	794.3932
SDev	.027888	.029557	.07899	.176402	20.88	1.6211	1.8287
%RSD	8.032111	.7441381	.1382949	3.570110	.1279856	.4636840	.2302017
#1	-.366925	3.992934	57.06164	4.816357	16300.93	348.4561	795.6863
#2	-.327485	3.951134	57.17335	5.065828	16330.47	350.7486	793.1002

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	290.6526	1.468989	20.64370	6.960663	7.310069	2.789387	-2.80602
SDev	.7670	.623239	.15038	.747844	.724214	.275664	.51156
%RSD	.2638925	42.42641	.7284480	10.74386	9.907071	9.882596	18.23088
#1	290.1103	1.028293	20.75003	6.431857	7.822165	2.984310	-2.44429
#2	291.1950	1.909686	20.53737	7.489468	6.797972	2.594463	-3.16775

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.667973	8.384977	6.772621	2.536955	3.293807	18.66152	20.62140
SDev	6.312676	.685089	.743747	.746366	2.322509	.78908	.37871
%RSD	236.6095	8.170429	10.98167	29.41975	70.51137	4.228376	1.836493
#1	7.131708	8.869408	7.298530	2.009194	4.936069	18.10356	20.88919
#2	-1.79576	7.900546	6.246713	3.064715	1.651546	19.21948	20.35362

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1809.807	1.869160	2.226432	216.3735
SDev	.192	.588346	.003923	.4769
%RSD	.0106262	31.47652	.1761798	.2204258
#1	1809.671	1.453136	2.223659	216.0363
#2	1809.943	2.285183	2.229206	216.7108

Method: STL3 Sample Name: 220-8008-A-5-A Operator: NP
Run Time: 02/16/09 13:09:30
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.053123	16503.53	2.955409	2.479834	32.84288	.7161407	104.3770
SDev	.195443	10.24	.223110	.313090	.16412	.0604548	.3219
%RSD	367.9047	.0620511	7.549213	12.62544	.4997223	8.441756	.3084395
#1	.0850757	16496.29	2.797646	2.701222	32.72683	.6733927	104.6047
#2	-.191322	16510.78	3.113171	2.258446	32.95893	.7588887	104.1494

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.587924	7.196933	50.85975	8.836453	22792.80	479.1270	1950.844
SDev	.052492	.090498	.51928	.364141	64.53	6.4841	6.640
%RSD	8.928346	1.257448	1.020996	4.120900	.2831114	1.353318	.3403478
#1	-.550807	7.260924	51.22693	8.578965	22838.43	483.7120	1946.149
#2	-.625041	7.132941	50.49256	9.093939	22747.17	474.5421	1955.539

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	402.2770	1.101742	31.27695	13.53974	11.41635	3.012570	-2.09154
SDev	1.1403	.228521	.19334	.70575	.13447	2.063526	.53137
%RSD	.2834636	20.74180	.6181552	5.212416	1.177896	68.49719	25.40581
#1	403.0833	.9401532	31.14024	13.04070	11.32127	1.553437	-1.71580
#2	401.4707	1.263331	31.41366	14.03877	11.51144	4.471704	-2.46728

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.774029	10.82010	11.71313	2.849206	3.338588	27.13101	35.98882
SDev	1.256106	.97481	.28520	2.944267	.299682	.24781	.29876
%RSD	21.75441	9.009216	2.434914	103.3364	8.976298	.9133977	.8301348
#1	6.662230	10.13081	11.91480	.7672947	3.126681	26.95578	36.20008
#2	4.885828	11.50939	11.51146	4.931117	3.550495	27.30624	35.77757

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2370.377	2.847227	2.108476	530.6914
SDev	.117	.910124	.011774	.8447
%RSD	.0049378	31.96527	.5584037	.1591689
#1	2370.295	2.203672	2.100150	530.0941
#2	2370.460	3.490781	2.116801	531.2887

Method: STL3 Sample Name: 220-8008-A-6-A Operator: NP
Run Time: 02/16/09 13:15:14
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.043067	29435.49	8.689676	3.652829	54.24360	.9422563	195.2089
SDev	.455810	89.54	.393498	.718986	.15081	.0481533	2.2536
%RSD	1058.374	.3041771	4.528344	19.68299	.2780314	5.110427	1.154462
#1	.2792395	29372.18	8.967922	3.144429	54.13696	.9082068	193.6154
#2	-.365374	29498.80	8.411431	4.161229	54.35024	.9763058	196.8024

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.05777	8.507971	36.35279	11.03882	31621.47	802.3659	3516.373
SDev	.02735	.177371	.03412	.18769	136.28	6.4840	13.522
%RSD	2.585442	2.084760	.0938563	1.700233	.4309763	.8081136	.3845548
#1	-1.03843	8.382551	36.32866	10.90611	31525.10	797.7810	3506.811
#2	-1.07710	8.633391	36.37691	11.17153	31717.83	806.9508	3525.935

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	236.4239	1.410230	41.98615	25.18344	16.27363	4.772871	-1.92348
SDev	.1412	.041549	.17186	.30932	1.49783	2.625860	1.44753
%RSD	.0597247	2.946278	.4093175	1.228257	9.204015	55.01636	75.25615
#1	236.5237	1.380850	41.86463	24.96472	15.21451	2.916108	-2.94704
#2	236.3240	1.439610	42.10767	25.40216	17.33276	6.629634	-.899914

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.460221	17.02306	15.89878	4.460011	5.398430	45.67530	58.65374
SDev	.388151	1.83968	1.32716	4.708753	1.546040	.70804	.66859
%RSD	15.77706	10.80696	8.347547	105.5772	28.63870	1.550166	1.139890
#1	2.185758	15.72221	14.96034	1.130419	6.491646	45.17464	58.18098
#2	2.734685	18.32390	16.83723	7.789602	4.305215	46.17596	59.12650

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2883.996	2.665088	3.424002	965.8457
SDev	3.315	.208282	.000047	.0184
%RSD	.1149595	7.815207	.0013786	.0019036
#1	2886.341	2.517810	3.424035	965.8587
#2	2881.652	2.812365	3.423969	965.8327

Method: STL3 Sample Name: 220-8008-A-7-A Operator: NP
Run Time: 02/16/09 13:20:58
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1065758	50160.14	11.58137	6.370055	108.5656	1.628776	258.8368
SDev	.1135887	188.64	4.35222	.286869	.6609	.046572	2.4146
%RSD	106.5803	.3760756	37.57952	4.503404	.6087765	2.859337	.9328588
#1	.1868951	50026.75	8.503884	6.167208	108.0983	1.661707	257.1294
#2	.0262564	50293.53	14.65886	6.572903	109.0329	1.595844	260.5441

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.909840	13.25105	54.11315	17.62882	56653.74	1351.413	5969.448
SDev	.025467	.40291	.60921	.18711	343.58	1.621	29.580
%RSD	2.799118	3.040607	1.125808	1.061366	.6064499	.1199442	.4955241
#1	-.927848	13.53595	53.68237	17.49651	56410.80	1350.267	5948.532
#2	-.891831	12.96615	54.54393	17.76112	56896.69	1352.560	5990.365

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	380.7396	2.541352	84.85334	37.46386	31.57028	5.166138	-1.36234
SDev	1.9376	1.267254	1.07413	.95825	1.33569	1.141617	1.28148
%RSD	.5088974	49.86533	1.265861	2.557800	4.230845	22.09807	94.06486
#1	379.3695	1.645268	84.09382	38.14145	30.62580	5.973383	-.456194
#2	382.1096	3.437435	85.61286	36.78628	32.51476	4.358893	-2.26848

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.273717	30.29537	32.20593	4.904869	5.688160	84.14662	100.5734
SDev	4.844618	1.89977	2.95093	2.765544	2.111254	.59449	1.2576
%RSD	213.0704	6.270820	9.162678	56.38364	37.11664	.7064935	1.250427
#1	-1.15195	31.63871	30.11931	6.860403	4.195278	83.72625	99.68415
#2	5.699379	28.95203	34.29255	2.949334	7.181042	84.56699	101.4627

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3417.352	.9329058	10.59505	1150.272
SDev	28.884	2.480633	.06271	7.459
%RSD	.8452056	265.9039	.5918589	.6484683
#1	3396.929	2.686978	10.55071	1144.997
#2	3437.776	-.821166	10.63940	1155.546

Method: STL3 Sample Name: 220-8008-A-8-A Operator: NP
Run Time: 02/16/09 13:26:42
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.052201	31835.89	8.896232	4.751139	61.67410	1.040817	236.2995
SDev	.016241	28.17	.873798	.315891	.08428	.048072	.4829
%RSD	31.11336	.0884752	9.822113	6.648749	.1366585	4.618712	.2043634
#1	-.063685	31815.97	9.514100	4.527770	61.61450	1.074810	236.6410
#2	-.040716	31855.81	8.278363	4.974508	61.73370	1.006825	235.9580

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.19112	12.66465	43.51939	13.84898	36169.83	905.5272	4100.556
SDev	.07233	.15102	.32765	.09955	41.24	3.2420	1.832
%RSD	6.072054	1.192463	.7528896	.7188122	.1140293	.3580250	.0446681
#1	-1.24226	12.77144	43.75108	13.77859	36140.67	903.2348	4101.851
#2	-1.13998	12.55786	43.28770	13.91937	36199.00	907.8197	4099.261

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	324.0652	1.748097	53.77387	28.63698	20.15977	5.983159	-2.49586
SDev	.3230	.394718	.30075	.96218	.22700	.631018	1.04900
%RSD	.0996638	22.57989	.5592949	3.359915	1.126023	10.54656	42.02966
#1	323.8368	2.027205	53.56120	29.31734	19.99925	6.429356	-1.75410
#2	324.2935	1.468989	53.98653	27.95661	20.32029	5.536962	-3.23761

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.17324	19.96466	20.25638	6.096323	5.755391	53.91651	80.14066
SDev	2.73480	.60495	.03831	.077336	2.049711	.48444	.45532
%RSD	52.86447	3.030122	.1891313	1.268564	35.61375	.8984988	.5681521
#1	-3.23944	19.53690	20.22929	6.041638	7.204755	53.57396	80.46262
#2	-7.10703	20.39243	20.28347	6.151007	4.306026	54.25906	79.81870

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2702.704	.2446632	4.848741	879.0027
SDev	5.224	.8498077	.007855	.8885
%RSD	.1932902	347.3377	.1619972	.1010757
#1	2706.398	.8455681	4.843187	878.3745
#2	2699.010	-.356242	4.854295	879.6310

Method: STL3 Sample Name: 220-8008-A-9-A Operator: NP
Run Time: 02/16/09 13:32:26
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.260706	56135.58	8.113198	9.876332	218.9536	2.097134	3329.023
SDev	.037852	186.50	.278816	.102710	.5545	.011736	19.639
%RSD	14.51915	.3322254	3.436576	1.039963	.2532298	.5596148	.5899212
#1	-.233940	56267.45	8.310351	9.948959	218.5615	2.105433	3315.137
#2	-.287472	56003.70	7.916046	9.803705	219.3456	2.088836	3342.910

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.86308	23.48518	85.04710	37.13953	59211.27	2559.547	10122.33
SDev	.43997	.21429	.15744	.18718	95.07	1.621	10.79
%RSD	23.61526	.9124452	.1851166	.5040000	.1605652	.0633259	.1065715
#1	-1.55198	23.63671	84.93578	37.27189	59144.05	2560.693	10114.71
#2	-2.17419	23.33366	85.15843	37.00717	59278.50	2558.401	10129.96

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	777.6338	1.439610	174.0359	41.86652	34.00838	.8059677	-.584305
SDev	2.3110	.955634	1.1815	.35431	2.41460	.0141362	1.053066
%RSD	.2971893	66.38145	.6789035	.8462815	7.100009	1.753944	180.2254
#1	775.9996	2.115345	174.8714	42.11706	32.30100	.8159636	-1.32894
#2	779.2679	.7638745	173.2004	41.61599	35.71576	.7959719	.1603250

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9477148	34.75301	33.63607	-.681956	3.785283	84.26448	102.5525
SDev	8.152864	4.12481	1.56084	.537437	1.118939	.67338	1.2064
%RSD	860.2655	11.86893	4.640389	78.80811	29.56024	.7991250	1.176331
#1	6.712660	31.83633	32.53238	-1.06198	4.576492	83.78833	101.6995
#2	-4.81723	37.66970	34.73975	-.301931	2.994074	84.74063	103.4056

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3050.823	3.775441	38.02195	2037.556
SDev	2.809	.503156	.03964	1.690
%RSD	.0920822	13.32709	.1042439	.0829211
#1	3048.836	3.419656	38.04998	2036.362
#2	3052.809	4.131226	37.99393	2038.751

Method: STL3 Sample Name: 220-8008-A-10-A Operator: NP
Run Time: 02/16/09 13:38:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.004538	10361.89	4.683602	2.311448	34.63385	1.140254	712.0856
SDev	.168988	59.70	1.486485	.109159	.23953	.035725	4.9901
%RSD	3723.525	.5761241	31.73807	4.722560	.6916114	3.133037	.7007786
#1	-.124031	10319.68	3.632498	2.234260	34.46448	1.165516	708.5571
#2	.1149539	10404.10	5.734705	2.388635	34.80323	1.114993	715.6142

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.626479	11.70585	23.34592	11.34147	33224.56	581.1422	1851.734
SDev	.000440	.26069	.20109	.37514	230.54	8.1051	8.522
%RSD	.0701821	2.227014	.8613598	3.307654	.6938726	1.394692	.4602154
#1	-.626168	11.52151	23.20373	11.07621	33061.55	575.4110	1845.708
#2	-.626790	11.89018	23.48812	11.60673	33387.58	586.8734	1857.760

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	971.5909	1.248641	35.57582	13.30251	9.006389	2.930354	-2.99269
SDev	6.4686	.228521	.64447	.06723	1.843849	.691686	.22316
%RSD	.6657717	18.30159	1.811548	.5054234	20.47268	23.60419	7.456930
#1	967.0170	1.087052	35.12011	13.35005	10.31019	2.441257	-3.15049
#2	976.1649	1.410230	36.03153	13.25497	7.702591	3.419450	-2.83489

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.992361	8.887114	9.065138	1.977915	4.836888	27.12751	28.54011
SDev	1.241605	4.788384	.373789	.501579	1.072472	.09673	.01381
%RSD	31.09951	53.88009	4.123371	25.35897	22.17277	.3565905	.0483715
#1	3.114414	12.27301	9.329447	1.623245	4.078536	27.05910	28.54987
#2	4.870308	5.501214	8.800829	2.332585	5.595241	27.19591	28.53035

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2061.378	1.383414	5.851093	521.2632
SDev	18.930	.668519	.027352	1.9839
%RSD	.9183072	48.32387	.4674674	.3806038
#1	2047.992	1.856129	5.831753	519.8603
#2	2074.763	.9106998	5.870434	522.6660

Method: STL3 Sample Name: 220-7978-A-1-C Operator: NP
Run Time: 02/16/09 13:43:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1732760	38126.35	15.56988	8.907297	375.2952	2.187929	8939.885
SDev	.4105381	108.36	2.39533	.505532	.4879	.059937	14.166
%RSD	236.9273	.2842164	15.38437	5.675484	.1300115	2.739441	.1584541
#1	.4635703	38049.73	17.26363	8.549832	375.6402	2.230311	8929.868
#2	-.117018	38202.98	13.87613	9.264763	374.9502	2.145547	8949.901

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.958673	30.21247	44.13484	121.3127	69781.73	2511.405	11509.43
SDev	.125854	.08391	.21996	.0330	210.47	8.105	6.55
%RSD	13.12792	.2777442	.4983925	.0272068	.3016108	.3227333	.0568954
#1	-1.04767	30.15313	44.29038	121.3361	69632.91	2505.674	11514.06
#2	-.869681	30.27180	43.97930	121.2894	69930.56	2517.137	11504.80

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2967.919	2.967359	154.5315	57.69691	79.82077	5.564022	-3.27809
SDev	15.450	.124648	.0215	.24397	.58122	3.071895	1.74005
%RSD	.5205612	4.200636	.0139014	.4228457	.7281553	55.20997	53.08110
#1	2956.994	3.055498	154.5163	57.52439	80.23176	7.736179	-4.50849
#2	2978.843	2.879219	154.5467	57.86942	79.40979	3.391864	-2.04769

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.632135	81.15366	79.15453	4.163632	8.368005	74.20996	330.6316
SDev	.762436	.34395	.69967	3.861863	1.489586	.11783	.1353
%RSD	46.71401	.4238198	.8839326	92.75227	17.80096	.1587835	.0409352
#1	1.093012	81.39686	79.64928	6.894382	9.421301	74.12664	330.5359
#2	2.171259	80.91045	78.65979	1.432883	7.314709	74.29328	330.7273

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2901.580	6.176540	51.11175	426.2724
SDev	7.832	.006057	.14876	1.5655
%RSD	.2699113	.0980593	.2910410	.3672597
#1	2896.042	6.172258	51.00656	425.1654
#2	2907.118	6.180823	51.21693	427.3794

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 02/16/09 13:49:38
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.88470	4743.691	504.9769	486.6912	490.6797	493.3566	18775.34
SDev	.31606	39.908	5.7544	4.0652	3.2071	3.7983	181.42
%RSD	.6091679	.8412864	1.139544	.8352630	.6535989	.7698900	.9662445
#1	51.66121	4715.472	500.9079	483.8167	488.4120	490.6708	18647.06
#2	52.10819	4771.911	509.0459	489.5657	492.9475	496.0424	18903.62

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	493.4085	492.6027	502.6866	481.7968	4989.009	18625.21	18771.85
SDev	4.2953	4.2391	4.4627	3.9366	28.853	141.03	155.42
%RSD	.8705395	.8605564	.8877665	.8170763	.5783298	.7571951	.8279633
#1	490.3712	489.6051	499.5311	479.0132	4968.607	18525.48	18661.94
#2	496.4457	495.6002	505.8422	484.5804	5009.411	18724.93	18881.75

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.8359	498.4722	20930.91	497.5137	490.1091	486.5405	482.6101
SDev	3.8149	9.6186	149.47	4.5942	5.6115	4.3753	3.0157
%RSD	.7541770	1.929624	.7141320	.9234292	1.144939	.8992605	.6248667
#1	503.1384	491.6708	20825.22	494.2651	486.1412	483.4467	480.4777
#2	508.5335	505.2736	21036.61	500.7623	494.0770	489.6343	484.7425

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	462.1048	490.7564	489.7853	486.4423	486.7360	493.2027	501.0333
SDev	3.4824	5.4972	5.6684	3.4610	6.2063	3.9658	3.9164
%RSD	.7535966	1.120155	1.157319	.7115011	1.275095	.8040829	.7816616
#1	464.5672	486.8693	485.7771	483.9950	482.3474	490.3985	498.2640
#2	459.6423	494.6435	493.7934	488.8897	491.1245	496.0069	503.8026

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	486.4807	476.3132	496.5806	488.8386
SDev	7.8784	5.5256	3.0635	3.1948
%RSD	1.619462	1.160079	.6169169	.6535576
#1	480.9098	472.4060	494.4143	486.5795
#2	492.0515	480.2204	498.7468	491.0977

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 02/16/09 13:55:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.306713	-13.1138	-1.17379	.1321643	.0188193	.0426510	1.707366
SDev	.216907	.6915	1.68079	.1894551	.0177430	.0000478	1.609721
%RSD	70.71986	5.273217	143.1931	143.3482	94.28091	.1121090	94.28095
#1	-.460089	-12.6248	.0147052	.2661292	.0062731	.0426848	.5691215
#2	-.153337	-13.6028	-2.36229	-.001801	.0313656	.0426172	2.845611

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0088045	-.372234	-.055697	-.429985	10.24108	24.07102	-.649384
SDev	.1919777	.352480	.418055	.110810	9.88291	11.34718	.458926
%RSD	2180.455	94.69313	750.5884	25.77071	96.50265	47.14042	70.67098
#1	-.126944	-.621474	-.351307	-.508339	3.252803	16.04735	-.973894
#2	.1445532	-.122993	.2399128	-.351630	17.22934	32.09468	-.324874

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.171187	2.247554	6.896426	-.157925	.3236656	3.037607	4.469275
SDev	.080748	1.017958	.171858	.791587	.1015277	2.129304	3.953080
%RSD	47.16919	45.29181	2.491981	501.2425	31.36809	70.09808	88.45015
#1	-.228285	2.967359	6.774905	-.717662	.2518746	4.543252	7.264525
#2	-.114090	1.527749	7.017948	.4018116	.3954565	1.531962	1.674025

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.677181	2.793989	-.910244	4.206299	.6955236	.7673082	-.000969
SDev	4.187651	3.439503	1.869389	2.600814	1.185168	.1849025	.301785
%RSD	618.3944	123.1037	205.3723	61.83141	170.3994	24.09755	31131.31
#1	2.283935	5.226084	-2.23210	6.045351	1.533564	.6365624	-.214364
#2	-3.63830	.3618927	.4116135	2.367246	-.142517	.8980540	.2124251

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-20.0614	1.786637	.0221525	.4327689
SDev	1.4260	2.408154	.0156557	.1274970
%RSD	7.108187	134.7870	70.67247	29.46076
#1	-21.0698	3.489459	.0110822	.5229229
#2	-19.0531	.0838150	.0332228	.3426149

Method: STL3 Sample Name: 220-8008-A-11-A Operator: NP
Run Time: 02/16/09 14:01:08
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0198315	5781.046	3.589958	3.028752	53.62883	.7171873	539.9831
SDev	.1257654	20.598	2.384706	.026671	.51455	.0358793	4.9901
%RSD	634.1698	.3563072	66.42714	.8805782	.9594658	5.002782	.9241296
#1	-.069098	5766.481	1.903716	3.047611	53.26499	.7425578	536.4545
#2	.1087611	5795.611	5.276200	3.009893	53.99268	.6918167	543.5117

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.427104	21.04024	16.20838	9.872999	13715.21	467.6647	1218.266
SDev	.145631	.41521	.28509	.000332	88.13	.0000	9.673
%RSD	34.09736	1.973411	1.758917	.0033605	.6425769	.0000000	.7940325
#1	-.324127	21.33384	16.40997	9.873234	13652.89	467.6647	1211.426
#2	-.530081	20.74664	16.00679	9.872765	13777.53	467.6647	1225.107

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2654.264	1.953756	36.04672	15.97434	6.414599	2.684122	.0063768
SDev	7.326	.644014	1.00968	.28044	.840560	1.570180	2.275656
%RSD	.2760235	32.96287	2.801022	1.755568	13.10385	58.49883	35686.47
#1	2649.084	1.498369	36.76067	16.17264	5.820234	1.573837	1.615509
#2	2659.445	2.409143	35.33277	15.77604	7.008965	3.794407	-1.60275

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6933326	8.628867	5.308176	4.786186	-1.52732	16.45596	18.83777
SDev	3.337461	.890890	1.704916	2.486931	.26607	.50840	.15693
%RSD	481.3651	10.32453	32.11867	51.96061	17.42105	3.089453	.8330566
#1	3.053274	9.258821	4.102618	3.027660	-1.33917	16.81545	18.94873
#2	-1.66661	7.998912	6.513733	6.544712	-1.71546	16.09646	18.72680

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1816.397	2.610790	6.553641	308.1925
SDev	10.229	.560997	.003817	1.0484
%RSD	.5631460	21.48765	.0582500	.3401710
#1	1809.164	2.214105	6.550942	307.4512
#2	1823.630	3.007475	6.556340	308.9338

Method: STL3 Sample Name: 220-8008-A-12-A Operator: NP
Run Time: 02/16/09 14:06:52
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1909313	8313.087	1.534639	1.789709	40.64036	.8915179	1148.488
SDev	.0652198	30.748	2.660677	.060665	.11089	.0240933	5.312
%RSD	34.15875	.3698758	173.3749	3.389684	.2728636	2.702502	.4625301
#1	.2370486	8334.829	3.416022	1.746812	40.56194	.9085544	1144.732
#2	.1448140	8291.345	-.346744	1.832606	40.71877	.8744814	1152.245

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.528336	5.877834	19.55083	128.8077	19028.47	600.6282	1522.926
SDev	.112654	.293019	.46302	.1769	50.63	6.4841	5.730
%RSD	21.32240	4.985159	2.368284	.1373581	.2660892	1.079555	.3762471
#1	-.607994	5.670638	19.87824	128.6826	19064.28	596.0432	1518.874
#2	-.448677	6.085030	19.22343	128.9328	18992.67	605.2131	1526.977

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	192.1872	1.395540	68.67561	11.56125	12.95590	4.908265	-1.59078
SDev	.0302	.602465	.23630	1.02676	.57917	3.002873	.62711
%RSD	.0157195	43.17073	.3440856	8.881087	4.470327	61.17991	39.42149
#1	192.2086	1.821547	68.84270	10.83522	12.54637	7.031617	-2.03421
#2	192.1658	.9695331	68.50851	12.28728	13.36544	2.784914	-1.14735

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.372876	11.83803	13.51315	6.492354	1.734328	17.99344	34.59914
SDev	5.441982	1.08083	.32865	4.036899	.931713	.70380	.75674
%RSD	161.3454	9.130178	2.432042	62.17928	53.72184	3.911433	2.187169
#1	7.220939	11.07376	13.28077	9.346873	2.393148	17.49577	34.06404
#2	-.475186	12.60229	13.74554	3.637836	1.075507	18.49110	35.13423

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1786.091	3.570301	11.76345	362.5283
SDev	6.326	.381244	.00773	.3968
%RSD	.3541562	10.67819	.0657356	.1094530
#1	1781.618	3.300721	11.75798	362.2477
#2	1790.563	3.839881	11.76891	362.8088

Method: STL3 Sample Name: 220-8008-A-13-A Operator: NP
Run Time: 02/16/09 14:12:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0809134	6378.128	3.022519	1.315633	27.39782	.9399217	302.0900
SDev	.0438376	63.639	1.415256	.113452	.19074	.0356161	4.6682
%RSD	54.17834	.9977679	46.82374	8.623397	.6961861	3.789259	1.545295
#1	.0499156	6333.129	2.021781	1.395856	27.26294	.9651061	298.7891
#2	.1119113	6423.128	4.023256	1.235410	27.53269	.9147373	305.3909

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.775028	12.04480	10.60844	14.32168	22043.70	492.8819	1198.329
SDev	.047042	.59745	.33769	.17673	207.57	3.2421	6.439
%RSD	6.069666	4.960200	3.183202	1.233990	.9416125	.6577843	.5373364
#1	-.808291	12.46726	10.36965	14.44665	21896.93	490.5894	1193.776
#2	-.741765	11.62234	10.84722	14.19672	22190.47	495.1744	1202.882

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	298.7156	.7344947	25.79323	7.139495	5.843442	3.015397	-.620942
SDev	3.3301	.2908451	.94523	.176364	.366805	2.022488	2.948063
%RSD	1.114820	39.59798	3.664635	2.470254	6.277203	67.07203	474.7730
#1	296.3609	.5288361	25.12486	7.014787	5.584072	1.585282	-2.70554
#2	301.0704	.9401532	26.46161	7.264203	6.102812	4.445511	1.463654

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.138493	5.821101	5.853797	3.472711	2.098393	14.99463	17.97388
SDev	.349759	1.042766	1.070534	2.835275	.394471	.00022	.01232
%RSD	16.35540	17.91356	18.28785	81.64444	18.79871	.0014976	.0685459
#1	2.385810	6.558448	5.096816	1.467869	1.819460	14.99479	17.98260
#2	1.891176	5.083754	6.610779	5.477553	2.377326	14.99447	17.96517

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1848.443	2.117561	4.675400	312.1998
SDev	21.194	1.020891	.039126	2.4135
%RSD	1.146612	48.21072	.8368504	.7730566
#1	1833.456	2.839440	4.647733	310.4932
#2	1863.430	1.395682	4.703066	313.9063

Method: STL3 Sample Name: 220-8008-A-14-A Operator: NP
Run Time: 02/16/09 14:18:20
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0972416	7257.403	5.322913	1.668948	34.95378	1.356034	391.5560
SDev	.0490206	13.999	1.020221	.072556	.12420	.048527	1.4487
%RSD	50.41121	.1928954	19.16659	4.347417	.3553313	3.578581	.3699957
#1	.1319044	7267.302	6.044318	1.720253	35.04160	1.390348	390.5316
#2	.0625787	7247.504	4.601508	1.617643	34.86595	1.321721	392.5804

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.05012	13.01118	21.81645	19.33197	36477.00	727.8605	1511.557
SDev	.32904	.41549	.32812	.04445	31.63	4.8630	4.350
%RSD	31.33370	3.193338	1.504013	.2299043	.0867176	.6681284	.2877783
#1	-1.28278	12.71739	21.58443	19.30055	36499.37	731.2991	1508.481
#2	-.817450	13.30498	22.04847	19.36340	36454.63	724.4217	1514.633

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	340.3815	1.983136	26.46160	11.24860	9.405194	2.131196	-1.53706
SDev	.7770	.560916	.34372	.10830	.522598	.025855	.53296
%RSD	.2282611	28.28428	1.298934	.9628275	5.556483	1.213164	34.67392
#1	340.9309	2.379763	26.70465	11.17201	9.774727	2.112914	-1.91392
#2	339.8321	1.586509	26.21856	11.32518	9.035662	2.149478	-1.16020

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.136955	11.02000	8.598200	1.796205	2.801184	20.72947	30.01798
SDev	1.863158	1.29511	1.430091	.880356	1.840999	.60635	.15328
%RSD	1360.419	11.75239	16.63245	49.01201	65.72217	2.925061	.5106351
#1	1.180497	10.10422	9.609428	2.418711	1.499401	20.30071	29.90959
#2	-1.45441	11.93579	7.586973	1.173699	4.102966	21.15822	30.12637

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1740.565	2.924314	4.102171	381.6825
SDev	1.037	.882902	.023564	1.0341
%RSD	.0595789	30.19177	.5744390	.2709197
#1	1741.299	3.548620	4.118834	382.4137
#2	1739.832	2.300008	4.085508	380.9513

Method: STL3 Sample Name: 220-8008-A-15-A Operator: NP
Run Time: 02/16/09 14:24:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.073512	4231.953	5.126783	.8294797	19.36510	.7981508	255.6497
SDev	.059728	13.604	1.160849	.3965611	.07984	.0240068	.8048
%RSD	81.24883	.3214478	22.64282	47.80841	.4123036	3.007798	.3148253
#1	-.115746	4222.333	5.947628	1.109891	19.42156	.8151262	256.2188
#2	-.031278	4241.572	4.305940	.5490687	19.30864	.7811755	255.0805

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.824228	2.287612	57.94437	10.52083	22889.10	421.8152	735.5099
SDev	.018165	1.035715	.71205	.45238	37.30	3.2421	4.5805
%RSD	2.203916	45.27493	1.228853	4.299818	.1629410	.7685965	.6227690
#1	-.811383	3.019973	58.44787	10.84071	22862.73	419.5227	738.7488
#2	-.837073	1.555251	57.44088	10.20095	22915.47	424.1077	732.2710

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	257.3498	.6463552	25.65652	4.542880	5.753842	2.123430	-4.53757
SDev	.5550	.3739436	.36520	.675885	1.967539	.121930	1.16455
%RSD	.2156495	57.85419	1.423428	14.87790	34.19521	5.742140	25.66460
#1	256.9574	.9107733	25.39828	5.020803	7.145102	2.037212	-3.71411
#2	257.7423	.3819372	25.91475	4.064957	4.362582	2.209648	-5.36103

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6159799	5.023021	6.117906	3.519798	-.674500	12.42668	15.70283
SDev	3.082504	1.625479	2.138312	.171448	.709567	.42041	1.50970
%RSD	500.4228	32.36058	34.95170	4.870952	105.1990	3.383134	9.614169
#1	2.795640	6.172408	7.629921	3.641030	-1.17624	12.72395	16.77035
#2	-1.56368	3.873633	4.605891	3.398566	-.172760	12.12940	14.63531

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1257.696	2.763556	4.912127	176.5721
SDev	3.446	1.907859	.003906	.2842
%RSD	.2739675	69.03636	.0795072	.1609284
#1	1260.132	4.112616	4.914888	176.3712
#2	1255.259	1.414497	4.909365	176.7731

Method: STL3 Sample Name: 220-8008-A-18-A Operator: NP
Run Time: 02/16/09 14:29:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0628063	2347.630	-.019171	.7293893	7.239172	.3396764	65.56287
SDev	.0922432	10.442	1.685587	.0538396	.053229	.0483046	1.77070
%RSD	146.8692	.4448072	8792.435	7.381463	.7352928	14.22076	2.700761
#1	.1280321	2340.246	1.172719	.6913190	7.201533	.3055199	64.31080
#2	-.002419	2355.014	-1.21106	.7674597	7.276810	.3738328	66.81494

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.129178	1.853877	14.10434	3.270491	5480.828	215.4926	417.7972
SDev	.136141	.060350	.36153	.287004	20.890	3.2421	2.2920
%RSD	105.3904	3.255368	2.563226	8.775559	.3811411	1.504486	.5485891
#1	-.225445	1.896551	13.84871	3.067549	5466.057	217.7851	416.1766
#2	-.032912	1.811202	14.35998	3.473433	5495.599	213.2001	419.4179

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.76076	.1468989	8.688885	4.504669	2.958718	1.710972	-2.80925
SDev	.01009	.0415494	.257788	1.003799	1.299202	1.513604	1.05059
%RSD	.0215858	28.28436	2.966875	22.28352	43.91097	88.46458	37.39747
#1	46.76790	.1762788	8.506601	3.794876	2.040043	.6406922	-3.55213
#2	46.75362	.1175191	8.871169	5.214462	3.877392	2.781252	-2.06637

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.162569	3.188989	2.843005	3.468317	-1.81010	6.360310	9.680624
SDev	6.590391	2.002339	.948231	3.749624	2.96529	.000782	.452765
%RSD	208.3872	62.78914	33.35312	108.1108	163.8196	.0122936	4.677023
#1	7.822679	1.773122	2.172504	.8169323	.2866817	6.360862	10.00078
#2	-1.49754	4.604857	3.513505	6.119702	-3.90687	6.359756	9.360471

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	896.6190	1.462404	1.296642	108.1034
SDev	6.0721	.147650	.015652	.3312
%RSD	.6772198	10.09640	1.207143	.3063509
#1	892.3254	1.357999	1.285574	107.8692
#2	900.9126	1.566808	1.307710	108.3376

Method: STL3 Sample Name: 220-8008-A-19-A Operator: NP
Run Time: 02/16/09 14:42:09
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0078220	3432.170	-.270415	1.259960	7.963716	.4334162	81.49829
SDev	.2498081	30.936	3.192386	.479976	.013308	.0003654	2.09264
%RSD	3193.649	.9013668	1180.550	38.09449	.1671031	.0842954	2.567706
#1	-.168819	3410.294	-2.52777	.9205664	7.973126	.4331578	80.01858
#2	.1844630	3454.045	1.986942	1.599354	7.954306	.4336745	82.97801

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.218015	2.037742	9.582095	6.548372	7030.612	256.7571	473.0460
SDev	.111182	.824955	.372349	.044560	76.263	9.7262	5.0487
%RSD	50.99712	40.48376	3.885881	.6804797	1.084727	3.788078	1.067277
#1	-.139398	1.454411	9.318805	6.579881	6976.686	249.8797	469.4760
#2	-.296633	2.621073	9.845386	6.516863	7084.538	263.6345	476.6159

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.28844	.6463553	14.24856	3.921713	4.304753	2.459589	-1.99577
SDev	.96875	.8725351	.81634	.406391	.291050	.650858	.80321
%RSD	1.398147	134.9931	5.729252	10.36260	6.761130	26.46206	40.24557
#1	68.60343	.0293798	13.67132	3.634351	4.098950	2.919814	-1.42782
#2	69.97346	1.263331	14.82579	4.209075	4.510557	1.999362	-2.56372

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.343236	1.827447	5.540750	4.475258	-1.57880	9.814923	12.38692
SDev	4.627650	.290617	.291266	1.566735	1.18365	.212320	.53200
%RSD	197.4897	15.90289	5.256799	35.00883	74.97112	2.163240	4.294868
#1	-.929006	1.621950	5.334794	5.583107	-2.41577	9.965056	12.76310
#2	5.615480	2.032945	5.746706	3.367408	-.741839	9.664790	12.01074

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1174.894	.9156994	1.274119	146.4897
SDev	10.772	2.669225	.015646	1.4961
%RSD	.9168477	291.4958	1.227960	1.021320
#1	1167.277	2.803127	1.263056	145.4318
#2	1182.511	-.971728	1.285182	147.5476

Method: STL3 Sample Name: 220-8008-A-20-A Operator: NP
Run Time: 02/16/09 14:47:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.739792	33395.06	17.25258	31.33149	140.3640	1.472814	28141.95
SDev	.005269	65.53	2.94206	.02272	.2617	.024089	86.76
%RSD	.1923273	.1962317	17.05289	.0725284	.1864449	1.635550	.3083092
#1	2.743518	33441.39	15.17222	31.34755	140.1790	1.489847	28080.60
#2	2.736066	33348.72	19.33293	31.31542	140.5491	1.455780	28203.30

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.9287	11.15082	868.0930	1401.242	31231.11	1046.514	5375.761
SDev	.0119	.11792	.4292	2.262	42.29	4.863	2.300
%RSD	.0111146	1.057532	.0494379	.1614540	.1354177	.4646854	.0427878
#1	106.9371	11.06744	867.7895	1399.642	31201.20	1049.953	5374.135
#2	106.9202	11.23421	868.3964	1402.842	31261.01	1043.076	5377.388

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	378.0104	3.217087	185.7933	66.38215	423.1306	4.081314	-.072410
SDev	1.1707	.519366	1.0097	.78114	1.4514	.423465	1.854495
%RSD	.3096984	16.14399	.5434307	1.176740	.3430083	10.37570	2561.103
#1	377.1827	2.849840	186.5072	66.93450	424.1569	3.781879	-1.38374
#2	378.8383	3.584334	185.0793	65.82980	422.1043	4.380749	1.238916

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.367052	425.4220	421.9856	4.542485	3.156487	48.22599	1126.713
SDev	1.911344	3.6110	.3732	1.396921	1.526229	.91001	1.506
%RSD	80.74787	.8487983	.0884317	30.75237	48.35214	1.886977	.1337062
#1	3.718577	427.9754	422.2495	3.554712	4.235694	47.58251	1125.648
#2	1.015528	422.8687	421.7217	5.530258	2.077280	48.86946	1127.779

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2771.843	31.16788	110.4978	753.1013
SDev	8.795	.47134	.0607	.5064
%RSD	.3172911	1.512247	.0548962	.0672389
#1	2765.624	30.83460	110.5407	752.7433
#2	2778.062	31.50117	110.4549	753.4594

Method: STL3 Sample Name: MB 220-24337/1-A Operator: NP
Run Time: 02/16/09 14:53:38
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1419741	L-27.8059	-2.62779	3.742929	.0094097	.1620788	L-22.9925
SDev	.0381174	1.9797	2.78816	.262733	.0044358	.0001549	.4829
%RSD	26.84810	7.119859	106.1031	7.019439	47.14045	.0955904	2.100319
#1	.1689271	L-26.4060	-.656258	3.928710	.0062731	.1621884	L-23.3340
#2	.1150211	L-29.2058	-4.59932	3.557149	.0125462	.1619693	L-22.6511

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.203254	-.167273	.0480861	-.109491	10.79827	32.09468	.3226377
SDev	.054444	.058163	.1357471	.209238	3.22166	.00000	2.750263
%RSD	26.78632	34.77110	282.3000	191.1011	29.83501	.0000000	852.4307
#1	-.241752	-.208400	-.047902	.0384628	13.07633	32.09468	-1.62209
#2	-.164756	-.126146	.1440738	-.257444	8.520209	32.09468	2.267367

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.235429	.8960835	-8.00532	.7401492	.3849760	1.887037	-2.31755
SDev	.030221	.8933100	.15038	.1819270	1.134259	.972756	.46736
%RSD	12.83662	99.69048	1.878463	24.57977	294.6311	51.54939	20.16592
#1	-.214060	1.527749	-7.89898	.6115074	-.417066	2.574879	-1.98708
#2	-.256799	.2644180	-8.11165	.8687910	1.187018	1.199194	-2.64802

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.334567	-.204256	.6785502	1.690943	2.278611	.5454586	.9590347
SDev	.893556	2.649467	.3777901	.459002	2.001806	.5778914	.3006234
%RSD	38.27502	1297.131	55.67608	27.14474	87.85201	105.9460	31.34646
#1	1.702728	-2.07771	.4114122	2.015507	3.694102	.1368277	1.171607
#2	2.966407	1.669200	.9456882	1.366380	.8631209	.9540896	.7464618

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.4118848	.6239619	-.215854	.6357917
SDev	.2242622	1.820272	.007855	.4223900
%RSD	54.44779	291.7281	3.638997	66.43527
#1	.2533075	-.663165	-.210299	.9344665
#2	.5704621	1.911089	-.221408	.3371169

Method: STL3 Sample Name: LCS 220-24337/2-A Operator: NP
Run Time: 02/16/09 14:59:21
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	315.7033	5846.129	1019.007	1056.229	310.5096	111.6429	30913.01
SDev	3.9368	54.713	14.876	14.786	2.3376	1.7995	621.67
%RSD	1.247000	.9358855	1.459848	1.399932	.7528366	1.611829	2.011039
#1	312.9196	5807.441	1008.489	1045.774	308.8567	110.3705	30473.42
#2	318.4871	5884.817	1029.526	1066.685	312.1626	112.9154	31352.60

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	307.8875	306.0143	317.2681	309.6266	25290.00	19190.30	15459.16
SDev	6.4275	6.3107	6.2704	3.4668	403.03	188.04	199.43
%RSD	2.087617	2.062232	1.976364	1.119665	1.593640	.9798520	1.290073
#1	303.3426	301.5520	312.8342	307.1753	25005.01	19057.34	15318.14
#2	312.4324	310.4767	321.7019	312.0780	25574.99	19323.26	15600.18

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	212.4580	1067.074	31205.43	313.2712	1018.910	510.8141	1058.253
SDev	3.9564	26.342	207.48	3.9421	15.642	10.4332	13.797
%RSD	1.862205	2.468650	.6648774	1.258355	1.535130	2.042463	1.303789
#1	209.6604	1048.447	31058.72	310.4837	1007.850	503.4368	1048.497
#2	215.2556	1085.701	31352.14	316.0587	1029.970	518.1915	1068.009

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	985.7089	1028.848	1013.947	510.0004	512.4430	316.9681	313.9014
SDev	19.7832	6.485	20.213	11.3497	8.5977	6.4096	6.4544
%RSD	2.007002	.6302976	1.993518	2.225422	1.677784	2.022173	2.056194
#1	971.7200	1024.263	999.6545	501.9750	506.3635	312.4358	309.3374
#2	999.6977	1033.434	1028.240	518.0258	518.5225	321.5004	318.4653

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1008.442	1073.812	-.676909	1063.187
SDev	20.475	17.060	.002634	15.775
%RSD	2.030315	1.588756	.3891856	1.483770
#1	993.9644	1061.748	-.678771	1052.032
#2	1022.920	1085.875	-.675046	1074.342

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 02/16/09 15:05:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.82772	4765.101	510.7828	493.8351	495.8174	499.0772	18987.85
SDev	.17930	21.151	.9658	1.1264	1.4061	1.2299	44.11
%RSD	.3459567	.4438671	.1890777	.2280860	.2836010	.2464360	.2322843
#1	51.70093	4750.145	511.4658	493.0386	494.8231	498.2075	18956.66
#2	51.95450	4780.056	510.0999	494.6316	496.8117	499.9468	19019.04

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.1830	498.8563	507.3770	485.9629	5038.708	18702.00	18911.57
SDev	.1949	.2954	1.1523	.8494	6.999	61.60	30.26
%RSD	.0391315	.0592063	.2271064	.1747914	.1389097	.3293679	.1600328
#1	498.0452	498.6474	506.5622	485.3623	5043.657	18658.44	18890.17
#2	498.3209	499.0651	508.1918	486.5636	5033.758	18745.56	18932.97

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.1831	502.7910	20966.73	500.9145	492.5824	486.2601	491.7966
SDev	1.3019	1.5165	67.80	.7166	1.4435	5.3673	.4995
%RSD	.2556871	.3016247	.3233665	.1430544	.2930424	1.103793	.1015563
#1	508.2625	501.7187	20918.79	500.4078	491.5617	482.4648	491.4435
#2	510.1037	503.8634	21014.68	501.4212	493.6031	490.0554	492.1498

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	471.8088	491.0461	493.3486	486.1173	486.5451	499.0772	506.0943
SDev	3.7094	3.7425	.2957	7.1337	1.8291	1.4593	3.3903
%RSD	.7862032	.7621571	.0599285	1.467483	.3759354	.2924025	.6699046
#1	474.4317	488.3997	493.1395	481.0730	485.2517	498.0453	503.6969
#2	469.1859	493.6925	493.5576	491.1615	487.8385	500.1090	508.4916

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	483.7958	491.7457	498.8282	490.5364
SDev	2.8174	2.0276	1.3955	1.0773
%RSD	.5823531	.4123186	.2797479	.2196207
#1	481.8037	490.3120	497.8415	489.7746
#2	485.7881	493.1794	499.8149	491.2982

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 02/16/09 15:10:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1192148	-21.8141	-1.21226	1.352931	.0376387	.1705724	2.390312
SDev	.0486681	3.5360	1.69969	.450142	.0177430	.0602899	.643890
%RSD	40.82386	16.20992	140.2082	33.27163	47.14045	35.34560	26.93750
#1	.0848013	-19.3137	-.010399	1.671229	.0501849	.2132038	2.845611
#2	.1536284	-24.3144	-2.41413	1.034632	.0250924	.1279411	1.935012

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.049139	-.287603	.1039574	-.266326	14.97170	35.53339	-.325103
SDev	.220612	.121187	.5537051	.098732	.52070	4.86306	.458345
%RSD	448.9545	42.13675	532.6268	37.07200	3.477923	13.68589	140.9845
#1	.1068570	-.201911	.4954861	-.196512	15.33990	32.09468	-.001004
#2	-.205135	-.373295	-.287571	-.336141	14.60351	38.97209	-.649202

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.149820	2.732320	-.075949	.2278585	.6580669	1.711754	3.792231
SDev	.010051	1.578873	.923742	.4169535	1.532191	.441839	2.237080
%RSD	6.709001	57.78507	1216.274	182.9879	232.8322	25.81207	58.99113
#1	-.156927	3.848752	.5772360	.5226891	1.741490	2.024181	5.374085
#2	-.142712	1.615888	-.729133	-.066972	-.425356	1.399327	2.210377

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.06549	-.696875	1.333872	1.149772	2.836304	.3398522	-.267214
SDev	6.25332	1.632697	1.482085	.650275	.024199	.4324747	.226034
%RSD	586.8974	234.2885	111.1114	56.55689	.8531831	127.2537	84.58889
#1	3.356276	.4576166	2.381864	1.609586	2.853415	.6456581	-.427044
#2	-5.48725	-1.85137	.2858804	.6899580	2.819193	.0340464	-.107384

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-22.0844	3.053460	.0165911	.4070335
SDev	1.2389	2.848981	.0078312	.2074365
%RSD	5.609838	93.30339	47.20153	50.96301
#1	-21.2084	5.067994	.0221286	.5537133
#2	-22.9605	1.038926	.0110536	.2603537

Method: STL3 Sample Name: 220-8043-G-1-A Operator: NP
Run Time: 02/16/09 15:16:38
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.125007	442.5346	30.93283	48.43184	46.46180	.1354064	30780.63
SDev	.298438	.3988	1.36926	.37519	.12864	.0603018	80.97
%RSD	238.7369	.0901086	4.426559	.7746692	.2768703	44.53390	.2630571
#1	.0860205	442.2526	31.90104	48.16654	46.37084	.0927666	30723.38
#2	-.336035	442.8165	29.96462	48.69714	46.55277	.1780462	30837.88

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.091394	-.185640	.2304908	-.142289	28.83396	23195.25	15534.74
SDev	.300862	.030173	.0339184	.066086	4.28874	87.53	49.51
%RSD	329.1925	16.25342	14.71573	46.44485	14.87392	.3773826	.3186956
#1	-.304136	-.164304	.2544748	-.095559	25.80136	23133.35	15499.73
#2	.1213478	-.206975	.2065069	-.189019	31.86656	23257.15	15569.74

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.07557	66.86841	H150877.9	1.057117	.5051970	4.514139	13.94042
SDev	.05044	.33239	320.0	.074729	.5158986	2.108517	.58241
%RSD	.2790432	.4970802	.2121206	7.069135	102.1183	46.70917	4.177847
#1	18.03990	67.10344	H151104.2	1.109959	.1404015	6.005085	14.35225
#2	18.11124	66.63337	H150651.6	1.004276	.8699924	3.023192	13.52859

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.016317	-.299385	.9061362	4.992619	3.554735	10.32140	1.665512
SDev	1.512512	1.083688	1.314564	1.663968	2.998954	.22374	.301164
%RSD	50.14435	361.9707	145.0736	33.32856	84.36507	2.167721	18.08237
#1	1.946809	.4668975	-.023401	6.169223	5.675316	10.47960	1.452557
#2	4.085825	-1.06567	1.835674	3.816017	1.434154	10.16319	1.878467

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1705.128	-1.01684	699.6487	.1232334
SDev	5.390	1.55646	2.7322	.0257800
%RSD	.3160828	153.0691	.3905141	20.91964
#1	1701.317	.0837491	697.7167	.1414626
#2	1708.939	-2.11742	701.5807	.1050042

Method: STL3 Sample Name: 220-8043-G-1-B DU Operator: NP
Run Time: 02/16/09 15:22:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.044368	450.1370	30.68197	48.42105	47.64742	.1439497	30971.85
SDev	.141128	4.4102	1.94656	.35784	.06653	.0000956	237.11
%RSD	318.0830	.9797565	6.344311	.7390221	.1396382	.0664045	.7655705
#1	-.144161	453.2555	29.30555	48.16801	47.60038	.1438821	30804.19
#2	.0554244	447.0184	32.05840	48.67408	47.69447	.1440173	31139.52

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.135782	-.414809	-.336774	-.080029	6.890613	23790.15	15801.99
SDev	.057737	.531488	.090082	.176749	5.846312	85.91	59.82
%RSD	42.52158	128.1285	26.74849	220.8576	84.84458	.3611305	.3785746
#1	-.094956	-.038990	-.400472	.0449520	11.02458	23850.90	15759.69
#2	-.176608	-.790628	-.273077	-.205009	2.756646	23729.40	15844.29

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.12547	67.19158	H151324.3	1.000838	1.833603	4.141110	13.61615
SDev	.02007	.00000	102.4	.343711	.476392	1.076255	.48836
%RSD	.1107430	.0000000	.0676751	34.34230	25.98118	25.98952	3.586653
#1	18.11128	67.19158	H151396.7	1.243878	2.170463	4.902138	13.27082
#2	18.13966	67.19158	H151251.9	.7577976	1.496743	3.380084	13.96147

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.126725	2.808116	1.346478	6.046878	.3226442	9.788834	1.079738
SDev	3.086762	.544040	.442617	2.123318	1.021014	1.223172	.828215
%RSD	74.79931	19.37384	32.87221	35.11428	316.4520	12.49559	76.70520
#1	1.944055	3.192811	1.659455	7.548290	-.399322	10.65375	1.665374
#2	6.309396	2.423422	1.033500	4.545466	1.044610	8.923920	.4941013

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1729.291	-7.16427	712.3892	-.031378
SDev	6.773	2.20288	1.7386	.116181
%RSD	.3916744	30.74814	.2440569	370.2616
#1	1724.501	-5.60660	713.6185	.0507743
#2	1734.080	-8.72194	711.1597	-.113531

Method: STL3 Sample Name: 220-8043-G-1-C MS Operator: NP
Run Time: 02/16/09 15:28:06
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.51373	2332.891	68.61844	1043.305	1849.596	48.32689	39617.05
SDev	.71870	17.702	1.12259	12.179	15.871	.47179	561.31
%RSD	1.481437	.7588016	1.635992	1.167327	.8580920	.9762386	1.416840
#1	48.00554	2320.373	67.82465	1034.693	1838.373	47.99329	39220.14
#2	49.02193	2345.408	69.41223	1051.916	1860.818	48.66049	40013.95

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.17618	452.4283	182.2876	232.4803	932.4047	35105.81	24890.38
SDev	.36606	4.0622	2.2819	1.8255	7.9648	176.69	221.68
%RSD	.7927491	.8978649	1.251826	.7852380	.8542251	.5033101	.8906061
#1	45.91733	449.5559	180.6740	231.1895	926.7726	34980.86	24733.63
#2	46.43502	455.3007	183.9011	233.7712	938.0366	35230.74	25047.12

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	477.4331	1044.143	H151922.1	462.0849	18.93445	53.95620	1104.114
SDev	5.5507	18.469	328.1	6.2161	.26652	1.73088	9.492
%RSD	1.162623	1.768788	.2159644	1.345238	1.407595	3.207936	.8596857
#1	473.5082	1031.084	H151690.1	457.6894	19.12291	55.18012	1097.402
#2	481.3581	1057.202	H152154.1	466.4804	18.74599	52.73228	1110.825

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.71878	18.08038	19.35994	56.75246	48.35416	468.2126	469.2090
SDev	6.40680	.81387	.00660	2.58463	.02097	5.4038	8.6590
%RSD	14.65457	4.501419	.0341147	4.554213	.0433611	1.154124	1.845441
#1	39.18849	18.65588	19.35527	58.58007	48.36899	464.3916	463.0861
#2	48.24907	17.50489	19.36461	54.92486	48.33934	472.0336	475.3318

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2618.581	1006.896	694.2378	960.4211
SDev	32.856	15.899	4.5499	9.1196
%RSD	1.254737	1.579027	.6553847	.9495442
#1	2595.348	995.6533	691.0205	953.9725
#2	2641.814	1018.138	697.4551	966.8696

Method: STL3 Sample Name: 220-7988-B-4-A @5 Operator: NP
Run Time: 02/16/09 15:33:50
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.518936	-2.66150	1.609934	6.274674	42.64148	.1621160	41605.90
SDev	.575019	5.40168	.735421	.564624	.10202	.0482886	357.36
%RSD	110.8074	202.9567	45.68021	8.998466	.2392529	29.78646	.8589157
#1	-.112336	1.158071	2.129955	6.673924	42.71362	.1962612	41353.21
#2	-.925535	-6.48106	1.089912	5.875425	42.56934	.1279708	41858.59

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.342197	-.580409	-1.94232	-.032845	7429.496	703.7895	14421.64
SDev	.375707	.362611	.18253	.406829	23.596	3.2421	22.72
%RSD	109.7927	62.47507	9.397317	1238.641	.3176021	.4606633	.1575551
#1	-.076532	-.324004	-1.81325	.2548265	7412.811	701.4970	14405.57
#2	-.607862	-.836813	-2.07138	-.320516	7446.181	706.0820	14437.70

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7693.173	4.274759	59193.63	-.142452	2.832020	3.470631	.4351759
SDev	4.723	4.092606	104.02	1.412113	.517868	1.267419	.5857245
%RSD	.0613909	95.73886	.1757271	991.2905	18.28617	36.51841	134.5949
#1	7689.833	7.168669	59120.08	.8560628	3.198208	2.574430	.8493457
#2	7696.513	1.380850	59267.19	-1.14097	2.465832	4.366831	.0210061

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0868602	5.341851	1.578386	4.915452	.5756484	.4259518	-.549937
SDev	1.846513	4.464263	3.005199	3.060034	2.323194	.5570572	.904504
%RSD	2125.845	83.57146	190.3969	62.25337	403.5786	130.7794	164.4740
#1	1.392542	2.185141	3.703383	2.751681	2.218395	.8198507	.0896437
#2	-1.21882	8.498562	-.546610	7.079223	-1.06710	.0320528	-1.18952

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1099.551	-.286628	104.9897	.7450066
SDev	2.505	2.790113	.2938	.5045851
%RSD	.2278201	973.4272	.2798735	67.72894
#1	1097.780	1.686280	105.1975	1.101802
#2	1101.322	-2.25954	104.7819	.3882110

Method: STL3 Sample Name: 220-7988-B-7-A @10 Operator: NP
Run Time: 02/16/09 15:39:34
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.149483	L-20.2761	-.298015	4.003204	48.08340	.1364251	37975.25
SDev	.018542	1.1751	1.540150	.261825	.15081	.0603438	283.47
%RSD	12.40403	5.795486	516.8032	6.540393	.3136513	44.23222	.7464665
#1	-.162594	L-21.1070	.7910355	4.188343	47.97676	.1790946	37774.80
#2	-.136372	L-19.4452	-1.38706	3.818066	48.19004	.0937555	38175.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0061014	-.086468	-.866737	-.250002	625.8002	1319.319	8780.536
SDev	.1854119	.117491	.164705	.011277	12.8638	14.589	36.569
%RSD	3038.865	135.8776	19.00290	4.510672	2.055574	1.105811	.4164814
#1	-.125005	-.169547	-.750273	-.257976	634.8962	1309.003	8754.678
#2	.1372074	-.003390	-.983201	-.242028	616.7041	1329.635	8806.395

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2322.032	.7785642	H113567.2	.3157449	2.215113	-.504347	-1.88195
SDev	19.628	.4362677	269.4	.3428038	.335109	.711826	.44737
%RSD	.8452902	56.03491	.2372085	108.5699	15.12832	141.1380	23.77158
#1	2308.153	1.087052	H113376.7	.0733460	1.978155	-.001010	-1.56561
#2	2335.911	.4700763	H113757.7	.5581438	2.452071	-1.00768	-2.19829

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.572341	.7720391	2.934918	-2.20420	2.899468	.2070595	-.245378
SDev	3.720761	.0018474	.503406	.56913	3.277584	.4115162	.001140
%RSD	236.6382	.2392914	17.15230	25.82023	113.0409	198.7430	.4644290
#1	-1.05863	.7733454	2.578956	-2.60664	5.217070	-.083926	-.244573
#2	4.203317	.7707327	3.290880	-1.80177	.5818659	.4980454	-.246184

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	325.2026	-1.48249	104.7803	.1546680
SDev	.0967	.64645	.7628	.0754945
%RSD	.0297475	43.60558	.7280382	48.81071
#1	325.2710	-1.02538	104.2409	.2080507
#2	325.1342	-1.93960	105.3197	.1012853

Method: STL3 Sample Name: 220-7988-B-9-A @5 Operator: NP
Run Time: 02/16/09 15:45:18
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.014818	5.218674	-.396159	3.103126	22.25386	.1279243	29043.67
SDev	.048930	2.360771	.205222	.300218	.02218	.0241096	52.64
%RSD	330.2135	45.23699	51.80283	9.674687	.0996652	18.84673	.1812375
#1	-.049417	6.887991	-.251046	3.315412	22.26955	.1108762	29006.45
#2	.0197812	3.549357	-.541273	2.890840	22.23818	.1449723	29080.89

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.005782	-.043620	.1250998	.1870386	36.35457	1182.917	9025.444
SDev	.080945	.296988	.0118309	.1873446	.78204	.000	28.431
%RSD	1399.980	680.8553	9.457178	100.1636	2.151155	.0000000	.3150057
#1	-.063018	.1663825	.1334655	.3195113	36.90756	1182.917	9005.341
#2	.0514548	-.253622	.1167340	.0545660	35.80158	1182.917	9045.548

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	552.0598	.7638744	53122.75	.5875786	1.812979	1.813121	-1.17154
SDev	1.5137	.7478874	88.46	.2342583	.993860	2.995540	.45044
%RSD	.2741902	97.90711	.1665255	39.86842	54.81917	165.2145	38.44838
#1	550.9894	1.292711	53060.19	.4219330	2.515744	3.931288	-.853032
#2	553.1301	.2350382	53185.30	.7532243	1.110214	-.305045	-1.49005

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.347079	1.521824	1.957688	1.443553	2.552367	.2496769	.0004885
SDev	8.863587	.032461	1.506322	4.074345	.834691	.1301686	.0750657
%RSD	657.9860	2.133015	76.94391	282.2443	32.70261	52.13481	15365.59
#1	-4.92042	1.498871	3.022818	4.324549	3.142583	.3417199	.0535680
#2	7.614582	1.544778	.8925576	-1.43744	1.962152	.1576338	-.052591

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	369.0299	-3.13469	70.00731	.2812537
SDev	.5072	3.25999	.11265	.0765659
%RSD	.1374524	103.9972	.1609100	27.22307
#1	368.6712	-.829527	69.92765	.3353939
#2	369.3886	-5.43985	70.08696	.2271134

Method: STL3 Sample Name: 220-7988-B-10-A @5 Operator: NP
Run Time: 02/16/09 15:51:02
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.090027	-6.20355	-.978076	11.53677	30.93272	.2472539	28340.58
SDev	.168324	3.73556	.312855	.58199	.07984	.0723821	242.74
%RSD	186.9712	60.21644	31.98681	5.044686	.2581183	29.27439	.8565273
#1	-.209050	-3.56211	-.756854	11.94831	30.87626	.1960721	28168.93
#2	.0289964	-8.84499	-1.19930	11.12524	30.98917	.2984358	28512.22

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0858886	.1848485	.2724448	.0936153	279.2737	1000.665	10232.62
SDev	.0976016	.1482556	.2601709	.0109438	2.6830	1.621	69.22
%RSD	113.6376	80.20386	95.49487	11.69021	.9607235	.1619951	.6765029
#1	.0168738	.0800159	.4564134	.0858769	281.1709	999.5187	10183.67
#2	.1549033	.2896811	.0884763	.1013538	277.3765	1001.811	10281.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	308.0478	.1909685	51581.12	1.672883	2.879247	.9048248	-.372832
SDev	.7064	.1454227	166.29	.341819	.428363	1.200824	.028617
%RSD	.2292993	76.15007	.3223939	20.43294	14.87761	132.7134	7.675595
#1	307.5483	.0881392	51463.54	1.431180	3.182145	1.753936	-.352597
#2	308.5472	.2937979	51698.71	1.914586	2.576348	.0557139	-.393067

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.442614	2.990580	2.823064	.3011445	2.112697	.1884015	-.094828
SDev	.686382	1.753618	1.517718	1.645158	.311246	.4388081	.075275
%RSD	155.0747	58.63804	53.76136	546.3019	14.73218	232.9111	79.38022
#1	-.927959	1.750585	3.896253	1.464447	2.332781	.4986857	-.148056
#2	.0427317	4.230575	1.749876	-.862158	1.892613	-.121883	-.041601

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	465.3218	-3.02617	69.70312	.1296801
SDev	3.2369	4.75774	.04197	.0215293
%RSD	.6956307	157.2198	.0602147	16.60184
#1	463.0329	.3380589	69.67344	.1449036
#2	467.6106	-6.39041	69.73280	.1144566

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 02/16/09 15:56:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.18871	4819.146	512.7485	494.1008	494.9046	501.0899	18958.60
SDev	.15730	12.488	1.4955	2.2768	4.4003	8.2467	329.83
%RSD	.3013987	.2591394	.2916639	.4607920	.8891161	1.645753	1.739743
#1	52.29994	4810.315	513.8060	492.4909	491.7932	495.2586	18725.37
#2	52.07749	4827.977	511.6911	495.7107	498.0161	506.9212	19191.82

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.1182	493.1866	506.2969	484.4102	5071.110	18792.56	18909.33
SDev	.7197	6.5278	8.5536	3.6200	37.246	11.35	185.67
%RSD	.1436249	1.323599	1.689435	.7472994	.7344679	.0603869	.9818713
#1	500.6092	488.5708	500.2487	481.8505	5044.773	18784.53	18778.04
#2	501.6271	497.8025	512.3452	486.9699	5097.447	18800.58	19040.61

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.4581	501.2927	20918.05	504.3469	486.4173	486.6504	489.9930
SDev	1.4941	1.7243	13.30	6.0965	8.1736	1.2834	2.7064
%RSD	.2915555	.3439720	.0635733	1.208784	1.680362	.2637124	.5523338
#1	511.4016	500.0734	20908.65	500.0361	480.6377	485.7430	488.0793
#2	513.5146	502.5119	20927.45	508.6578	492.1969	487.5579	491.9067

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	470.9306	495.6522	481.8060	490.3779	479.1830	496.0159	506.7835
SDev	.9904	7.3719	15.9346	1.9509	7.7616	6.3539	10.8547
%RSD	.2103112	1.487305	3.307272	.3978380	1.619766	1.280997	2.141881
#1	470.2303	500.8648	470.5385	491.7574	473.6947	491.5230	499.1080
#2	471.6309	490.4395	493.0735	488.9984	484.6714	500.5088	514.4589

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	479.4150	485.6846	499.6498	492.3179
SDev	6.9691	4.9654	.2912	1.2287
%RSD	1.453678	1.022358	.0582744	.2495652
#1	474.4870	482.1735	499.4439	491.4492
#2	484.3429	489.1957	499.8557	493.1867

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 02/16/09 16:02:35
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.111063	-20.2256	-.194826	.3038573	.0501849	.3069092	3.414731
SDev	.114079	1.8678	.637873	.5060000	.0177430	.0120960	.482918
%RSD	102.7157	9.234875	327.4069	166.5256	35.35533	3.941237	14.14218
#1	-.030397	-18.9049	.2562184	.6616533	.0627311	.3154624	3.756206
#2	-.191729	-21.5464	-.645870	-.053939	.0376387	.2983560	3.073257

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0385408	-.330506	.2719127	.3972573	15.15725	25.21724	1.133593
SDev	.0982096	.356732	.4067154	.0225534	7.20322	3.24206	2.521252
%RSD	254.8196	107.9352	149.5757	5.677276	47.52326	12.85651	222.4124
#1	-.030904	-.078258	.5595040	.3813096	20.25070	22.92476	2.916387
#2	.1079854	-.582754	-.015679	.4132049	10.06381	27.50972	-.649201

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.142614	2.262244	22.72478	.5522618	1.443546	.9106844	3.083448
SDev	.000010	1.246479	1.50377	.2985800	.724377	3.629062	4.000660
%RSD	.0069967	55.09923	6.617315	54.06493	50.18036	398.4984	129.7463
#1	-.142607	3.143637	23.78810	.3411339	.9313346	3.476819	5.912341
#2	-.142621	1.380850	21.66145	.7633898	1.955758	-1.65545	.2545536

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.918408	.2480898	2.039779	-.202641	3.139477	1.113391	.0527353
SDev	1.101953	.5572911	.807794	5.355642	.170717	.110836	.0748290
%RSD	119.9851	224.6329	39.60206	2642.919	5.437763	9.954772	141.8954
#1	-.139210	-.145975	1.468582	3.584370	3.260193	1.191763	.1056473
#2	-1.69761	.6421542	2.610975	-3.98965	3.018762	1.035018	-.000177

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-17.7937	3.842603	.0221167	.4172470
SDev	1.2014	3.495217	.0000101	.2074301
%RSD	6.751835	90.95962	.0458550	49.71399
#1	-16.9442	6.314095	.0221095	.5639222
#2	-18.6433	1.371111	.0221238	.2705717

Metals Worksheet

Batch Number: 220-24079
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 04 2009 12:27PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00035	MSPK1_00003
MB~220-24079/1				50 mL	50 mL				
LCS~220-24079/2				50 mL	50 mL			50 mL	
LB~220-24028/1-A				10 mL	50 mL				
220-7868-A-14-A	PT-TCLPMET-SOIL (TCLP METALS)	3010A_L, 6010B	P	10 mL	50 mL				
220-7903-A-3-A	CG 09-32 Sand Blast WFT 005.3	3010A_L, 6010B	P	10 mL	50 mL				
220-7903-A-4-A	CG 09-33 Ceiling Rifle	3010A_L, 6010B	P	10 mL	50 mL				
220-7903-A-5-A	CG 09-34 WTF Absorb	3010A_L, 6010B	P	10 mL	50 mL				
220-7903-A-9-A	CG 09-38 Spill Debris ENV 0013	3010A_L, 6010B	P	10 mL	50 mL				
220-7903-A-1-A	CG 09-30 Rifle water	3010A_L, 6010B	P	1 mL	50 mL				
220-7903-A-2-A	CG 09-31 Pistol water	3010A_L, 6010B	P	1 mL	50 mL				
220-7903-A-6-A	CG 09-35 Hald Lab Waste	3010A_L, 6010B	P	1 mL	50 mL				
220-7903-A-7-B	CG 09-36 Fixer	3010A_L, 6010B	P	1 mL	50 mL				
220-7903-A-8-B	CG 09-37 Developer	3010A_L, 6010B	P	1 mL	50 mL				
220-7903-A-10-A	CG 09-39 Used oil Car	3010A_L, 6010B	P	1 mL	50 mL				
220-7944-A-34	FB090130	3010A, 6010B	T	50 mL	50 mL				
220-7946-A-31	FB090203	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-1	MW-24	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-1~DU		3010A, 6010B	T	50 mL	50 mL				
220-7945-A-1~MS		3010A, 6010B	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL
220-7945-A-2	MW-26S	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-3	MW-30S	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-4	MW-31S	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-5	MW-33S	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-6	MW-34S	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-7	MW-35S	3010A, 6010B	T	50 mL	50 mL				

Metals Worksheet

Batch Number: 220-24079
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 04 2009 12:27PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-24079/1				
LCS~220-24079/2				
LB~220-24028/1-A				
220-7868-A-14-A	PT-TCLPMET-SOIL (TCLP METALS)	3010A_L, 6010B	P	
220-7903-A-3-A	CG 09-32 Sand Blast WFT 005.3	3010A_L, 6010B	P	
220-7903-A-4-A	CG 09-33 Ceiling Rifle	3010A_L, 6010B	P	
220-7903-A-5-A	CG 09-34 WTF Absorb	3010A_L, 6010B	P	
220-7903-A-9-A	CG 09-38 Spill Debris ENV 0013	3010A_L, 6010B	P	
220-7903-A-1-A	CG 09-30 Rifle water	3010A_L, 6010B	P	
220-7903-A-2-A	CG 09-31 Pistol water	3010A_L, 6010B	P	
220-7903-A-6-A	CG 09-35 Hald Lab Waste	3010A_L, 6010B	P	
220-7903-A-7-B	CG 09-36 Fixer	3010A_L, 6010B	P	
220-7903-A-8-B	CG 09-37 Developer	3010A_L, 6010B	P	
220-7903-A-10-A	CG 09-39 Used oil Car	3010A_L, 6010B	P	
220-7944-A-34	FB090130	3010A, 6010B	T	
220-7946-A-31	FB090203	3010A, 6010B	T	
220-7945-A-1	MW-24	3010A, 6010B	T	
220-7945-A-1~DU		3010A, 6010B	T	
220-7945-A-1~MS		3010A, 6010B	T	0.05 mL
220-7945-A-2	MW-26S	3010A, 6010B	T	
220-7945-A-3	MW-30S	3010A, 6010B	T	
220-7945-A-4	MW-31S	3010A, 6010B	T	
220-7945-A-5	MW-33S	3010A, 6010B	T	
220-7945-A-6	MW-34S	3010A, 6010B	T	
220-7945-A-7	MW-35S	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00006
Lot # of Nitric Acid: MNITRICACD-00006
Hot Block ID number: hb2
Oven, Bath or Block Temperature 1: 104 Degrees C
DigestionTubes: A805LS309

Metals Worksheet

Batch Number: 220-24079
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 04 2009 12:27PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~220-24079/1				
LCS~220-24079/2				
LB~220-24028/1-A				
220-7868-A-14-A	PT-TCLPMET-SOIL (TCLP METALS)	3010A_L, 6010B	P	
220-7903-A-3-A	CG 09-32 Sand Blast WFT 005.3	3010A_L, 6010B	P	
220-7903-A-4-A	CG 09-33 Ceiling Rifle	3010A_L, 6010B	P	
220-7903-A-5-A	CG 09-34 WTF Absorb	3010A_L, 6010B	P	
220-7903-A-9-A	CG 09-38 Spill Debris ENV 0013	3010A_L, 6010B	P	
220-7903-A-1-A	CG 09-30 Rifle water	3010A_L, 6010B	P	oil/waste filtered for TCLP
220-7903-A-2-A	CG 09-31 Pistol water	3010A_L, 6010B	P	oil/waste filtered for TCLP
220-7903-A-6-A	CG 09-35 Hald Lab Waste	3010A_L, 6010B	P	oil/waste filtered for TCLP
220-7903-A-7-B	CG 09-36 Fixer	3010A_L, 6010B	P	oil/waste filtered for TCLP
220-7903-A-8-B	CG 09-37 Developer	3010A_L, 6010B	P	oil/waste filtered for TCLP
220-7903-A-10-A	CG 09-39 Used oil Car	3010A_L, 6010B	P	oil/waste filtered for TCLP
220-7944-A-34	FB090130	3010A, 6010B	T	
220-7946-A-31	FB090203	3010A, 6010B	T	
220-7945-A-1	MW-24	3010A, 6010B	T	
220-7945-A-1~DU		3010A, 6010B	T	
220-7945-A-1~MS		3010A, 6010B	T	
220-7945-A-2	MW-26S	3010A, 6010B	T	
220-7945-A-3	MW-30S	3010A, 6010B	T	
220-7945-A-4	MW-31S	3010A, 6010B	T	
220-7945-A-5	MW-33S	3010A, 6010B	T	
220-7945-A-6	MW-34S	3010A, 6010B	T	
220-7945-A-7	MW-35S	3010A, 6010B	T	

Metals Worksheet

Batch Number: 220-24177
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 09 2009 12:30PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00035	MSPK1_00003
MB~220-24177/1				50 mL	50 mL				
LCS~220-24177/2				50 mL	50 mL			50 mL	
220-7951-C-1	Meter Wash 1st Qtr 09	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-7975-A-21	FB090205	3010A, 6010B	T	50 mL	50 mL				
220-7945-A-8	OW-4	3010A, 6010B	T	50 mL	50 mL				
220-7982-D-1	MCFT WWNA020	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-7962-A-1	PHIX 200	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-7988-B-1	NI-MW-3-14	3010A, 6010B	T	50 mL	50 mL				
220-7988-C-2	NI-MW-4-14	3010A, 6010B	T	50 mL	50 mL				
220-7988-C-3	NI-MW-4-14D	3010A, 6010B	T	50 mL	50 mL				
220-7988-B-4	NI-MW-5b-11	3010A, 6010B	T	50 mL	50 mL				
220-7988-A-5	NI-MW-6-15	3010A, 6010B	T	50 mL	50 mL				
220-7988-B-6	NI-MW-7-11	3010A, 6010B	T	50 mL	50 mL				
220-7988-B-6~DU		3010A, 6010B	T	50 mL	50 mL				
220-7988-B-6~MS	NI-MW-7-11	3010A, 6010B	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL
220-7988-B-6~MSD	NI-MW-7-11	3010A, 6010B	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL
220-7988-B-7	NI-MW-8-12	3010A, 6010B	T	50 mL	50 mL				
220-7988-C-8	NI-MW-10-11	3010A, 6010B	T	50 mL	50 mL				
220-7988-B-9	NI-MW-11-10	3010A, 6010B	T	50 mL	50 mL				
220-7988-B-10	NI-MW-12-12	3010A, 6010B	T	50 mL	50 mL				

Metals Worksheet

Batch Number: 220-24177
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 09 2009 12:30PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-24177/1				
LCS~220-24177/2				
220-7951-C-1	Meter Wash 1st Qtr 09	200.7_P_TOT, 200.7_CWA	T	
220-7975-A-21	FB090205	3010A, 6010B	T	
220-7945-A-8	OW-4	3010A, 6010B	T	
220-7982-D-1	MCFT WWNA020	200.7_P_TOT, 200.7_CWA	T	
220-7962-A-1	PHIX 200	200.7_P_TOT, 200.7_CWA	T	
220-7988-B-1	NI-MW-3-14	3010A, 6010B	T	
220-7988-C-2	NI-MW-4-14	3010A, 6010B	T	
220-7988-C-3	NI-MW-4-14D	3010A, 6010B	T	
220-7988-B-4	NI-MW-5b-11	3010A, 6010B	T	
220-7988-A-5	NI-MW-6-15	3010A, 6010B	T	
220-7988-B-6	NI-MW-7-11	3010A, 6010B	T	
220-7988-B-6~DU		3010A, 6010B	T	
220-7988-B-6~MS	NI-MW-7-11	3010A, 6010B	T	0.05 mL
220-7988-B-6~MSD	NI-MW-7-11	3010A, 6010B	T	0.05 mL
220-7988-B-7	NI-MW-8-12	3010A, 6010B	T	
220-7988-C-8	NI-MW-10-11	3010A, 6010B	T	
220-7988-B-9	NI-MW-11-10	3010A, 6010B	T	
220-7988-B-10	NI-MW-12-12	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00006
Lot # of Nitric Acid: MNITRICACD-00006
DigestionTubes: A805LS309
Hot Block ID number: hb3
Oven, Bath or Block Temperature 1: 105 Degrees C

Metals Worksheet

Batch Number: 220-24277
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 12 2009 12:20PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00035	MSPK1_00003
MB~220-24277/1				50 mL	50 mL				
LCS~220-24277/2				50 mL	50 mL			50 mL	
LB~220-24194/1-A				10 mL	50 mL				
220-7977-B-6-A	WC samp	3010A_L, 6010B	P	10 mL	50 mL				
220-8008-A-20-B	V-12 BOTTOM 2-3	3010A_L, 6010B	P	10 mL	50 mL				
220-7955-A-1-A	WASTE CLASS	3010A_L, 6010B	P	10 mL	50 mL				
220-7945-B-1-B	MW-24	3010A, 6010B	D	50 mL	50 mL				
220-7945-B-2-A	MW-26S	3010A, 6010B	D	50 mL	50 mL				
220-7945-B-3-A	MW-30S	3010A, 6010B	D	50 mL	50 mL				
220-7945-B-4-A	MW-31S	3010A, 6010B	D	50 mL	50 mL				
220-7945-B-5-A	MW-33S	3010A, 6010B	D	50 mL	50 mL				
220-7945-B-6-A	MW-34S	3010A, 6010B	D	50 mL	50 mL				
220-7945-B-7-A	MW-35S	3010A, 6010B	D	50 mL	50 mL				
220-7945-B-8-A	OW-4	3010A, 6010B	D	50 mL	50 mL				
220-8025-G-1	EFF021109-1	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-8008-A-16	FB090206	3010A, 6010B	T	50 mL	50 mL				
220-8024-A-21	FB090211	3010A, 6010B	T	50 mL	50 mL				
220-8007-G-1	0902	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-8015-C-1	MW-1	3010A, 6010B	T	50 mL	50 mL				
220-8015-C-2	MW-2	3010A, 6010B	T	50 mL	50 mL				
220-8015-C-3	MW-3	3010A, 6010B	T	50 mL	50 mL				
220-8015-C-4	MW-4	3010A, 6010B	T	50 mL	50 mL				
220-8015-C-5	MW-5	3010A, 6010B	T	50 mL	50 mL				
220-8015-C-5~DU		3010A, 6010B	T	50 mL	50 mL				
220-8015-C-5~MS	MW-5	3010A, 6010B	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL

Metals Worksheet

Batch Number: 220-24277
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 12 2009 12:20PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-24277/1				
LCS~220-24277/2				
LB~220-24194/1-A				
220-7977-B-6-A	WC samp	3010A_L, 6010B	P	
220-8008-A-20-B	V-12 BOTTOM 2-3	3010A_L, 6010B	P	
220-7955-A-1-A	WASTE CLASS	3010A_L, 6010B	P	
220-7945-B-1-B	MW-24	3010A, 6010B	D	
220-7945-B-2-A	MW-26S	3010A, 6010B	D	
220-7945-B-3-A	MW-30S	3010A, 6010B	D	
220-7945-B-4-A	MW-31S	3010A, 6010B	D	
220-7945-B-5-A	MW-33S	3010A, 6010B	D	
220-7945-B-6-A	MW-34S	3010A, 6010B	D	
220-7945-B-7-A	MW-35S	3010A, 6010B	D	
220-7945-B-8-A	OW-4	3010A, 6010B	D	
220-8025-G-1	EFF021109-1	200.7_P_TOT, 200.7_CWA	T	
220-8008-A-16	FB090206	3010A, 6010B	T	
220-8024-A-21	FB090211	3010A, 6010B	T	
220-8007-G-1	0902	200.7_P_TOT, 200.7_CWA	T	
220-8015-C-1	MW-1	3010A, 6010B	T	
220-8015-C-2	MW-2	3010A, 6010B	T	
220-8015-C-3	MW-3	3010A, 6010B	T	
220-8015-C-4	MW-4	3010A, 6010B	T	
220-8015-C-5	MW-5	3010A, 6010B	T	
220-8015-C-5~DU		3010A, 6010B	T	
220-8015-C-5~MS	MW-5	3010A, 6010B	T	0.05 mL

Metals Worksheet

Batch Number: 220-24277
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 12 2009 12:20PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00035	MSPK1_00003
220-8015-C-5~MSD	MW-5	3010A, 6010B	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL

Metals Worksheet

Batch Number: 220-24277
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 12 2009 12:20PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
220-8015-C-5~MSD	MW-5	3010A, 6010B	T	0.05 mL

Lot # of hydrochloric acid:	WHCLACD-00006
Lot # of Nitric Acid:	MNITRICACD-00006
Hot Block ID number:	hb4 / hb3
Oven, Bath or Block Temperature 1:	hb4: 112 Degrees C
Oven, Bath or Block Temperature 2:	hb3: 107 Degrees C
DigestionTubes:	A805LS309

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG No.: 220-7945-1

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
MW-24	220-7945-1
MW-26S	220-7945-2
MW-30S	220-7945-3
MW-31S	220-7945-4
MW-33S	220-7945-5
MW-34S	220-7945-6
MW-35S	220-7945-7
OW-4	220-7945-8

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-24 Lab Sample ID: 220-7945-1

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG ID.: 220-7945-1

Matrix: Water Date Sampled: 02/02/2009 09:58

Reporting Basis: WET Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	5.7	1.0	0.10	mg/L			1	9060
	Alkalinity	87.9	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-26S
Lab Sample ID: 220-7945-2
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 11:15
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	245	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-30S
Lab Sample ID: 220-7945-3
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 12:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.22	1.0	0.10	mg/L	J		1	9060
	Alkalinity	212	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-31S
Lab Sample ID: 220-7945-4
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 13:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.9	1.0	0.10	mg/L			1	9060
	Alkalinity	331	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-33S
Lab Sample ID: 220-7945-5
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 11:50
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	2.3	1.0	0.10	mg/L			1	9060
	Alkalinity	326	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-34S
Lab Sample ID: 220-7945-6
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 09:20
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.92	1.0	0.10	mg/L	J		1	9060
	Alkalinity	134	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-35S
Lab Sample ID: 220-7945-7
Lab Name: TestAmerica Connecticut
Job No.: 220-7945-1
SDG ID.: 220-7945-1
Matrix: Water
Date Sampled: 02/02/2009 09:00
Reporting Basis: WET
Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	15.8	1.0	0.10	mg/L			1	9060
	Alkalinity	1730	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-4 Lab Sample ID: 220-7945-8

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG ID.: 220-7945-1

Matrix: Water Date Sampled: 02/02/2009 10:40

Reporting Basis: WET Date Received: 02/03/2009 09:45

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.9	1.0	0.10	mg/L			1	9060
	Alkalinity	176	2.0	0.16	mg/L			1	SM 2320B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Analyst: DM Batch Start Date: 02/05/2009

Reporting Units: mg/L Analytical Batch No.: 24188

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	14:11	Total Organic Carbon - Quad	9.8	10.0	98	85-115		WTOCICVSTK_00010
2	ICB	14:53	Total Organic Carbon - Quad	1.0				U	
3	CCV	04:43	Total Organic Carbon - Quad	9.5	10.0	95	85-115		WTOCICVSTK_00010
4	CCB	05:26	Total Organic Carbon - Quad	1.0				U	
10	CCV	14:50	Total Organic Carbon - Quad	10.0	10.0	100	85-115		WTOCICVSTK_00010
11	CCB	15:30	Total Organic Carbon - Quad	1.0				U	
19	CCV	21:45	Total Organic Carbon - Quad	10.3	10.0	103	85-115		WTOCICVSTK_00010
20	CCB	22:24	Total Organic Carbon - Quad	1.0				U	

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

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Analyst: DM Batch Start Date: 02/05/2009

Reporting Units: mg/L Analytical Batch No.: 24189

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	14:11	Total Organic Carbon - Quad	9.8	10.0	98	85-115		WTOCICVSTK_00010
2	ICB	14:53	Total Organic Carbon - Quad	1.0				U	
3	CCV	15:24	Total Organic Carbon - Quad	9.8	10.0	98	85-115		WTOCICVSTK_00010
4	CCB	16:06	Total Organic Carbon - Quad	1.0				U	
14	CCV	22:00	Total Organic Carbon - Quad	10.2	10.0	102	85-115		WTOCICVSTK_00010
15	CCB	22:38	Total Organic Carbon - Quad	1.0				U	
26	CCV	04:43	Total Organic Carbon - Quad	9.5	10.0	95	85-115		WTOCICVSTK_00010
27	CCB	05:26	Total Organic Carbon - Quad	1.0				U	
34	CCV	14:50	Total Organic Carbon - Quad	10.0	10.0	100	85-115		WTOCICVSTK_00010
35	CCB	15:30	Total Organic Carbon - Quad	1.0				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 24189	Date: 02/05/2009 17:11						
9060	MB 220-24189/5	Total Organic Carbon - Quad	1.0	U	mg/L	1.0	1
Batch ID: 24188	Date: 02/06/2009 11:37						
9060	MB 220-24188/6	Total Organic Carbon - Quad	1.0	U	mg/L	1.0	1
Batch ID: 24090	Date: 02/04/2009 15:24						
SM 2320B	MB 220-24090/5	Alkalinity	0.31	J	mg/L	2.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 24189		Date: 02/05/2009 20:48									
9060	220-7919-D-6	Total Organic Carbon - Quad	1.0	U	mg/L						
9060	220-7919-D-6 MS	Total Organic Carbon - Quad	17.91		mg/L	20.0	90	75-125			
Batch ID: 24188		Date: 02/06/2009 17:57									
9060	220-7933-A-3 ^200	Total Organic Carbon - Quad	1320		mg/L						
9060	220-7933-A-3 MS ^200	Total Organic Carbon - Quad	5539		mg/L	4000	105	75-125			

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

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 24189 Date: 02/05/2009 23:21											
9060	220-7919-D-6 MSD	Total Organic Carbon - Quad	17.04		mg/L	20.0	85	75-125	5	20	

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

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 24189	Date: 02/05/2009 20:05							
9060		220-7919-E-6	Total Organic Carbon - Quad	1.0	mg/L			U
9060		220-7919-E-6 DU	Total Organic Carbon - Quad	1.0	mg/L	NC	20	U
Batch ID: 24188	Date: 02/06/2009 17:00							
9060		220-7933-A-3	Total Organic Carbon - Quad	1320	mg/L			
9060		220-7933-A-3 DU ^200	Total Organic Carbon - Quad	1414	mg/L	7	20	
Batch ID: 24090	Date: 02/04/2009 15:38							
SM 2320B	MW-24	220-7945-1	Alkalinity	87.9	mg/L			
SM 2320B	MW-24	220-7945-1 DU	Alkalinity	88.19	mg/L	0	20	

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 24189	Date: 02/06/2009 09:56										
						LCS Source: WDEMLCS_00010					
9060	LCS 220-24189/33 ^4	Total Organic Carbon - Quad	84.24		mg/L	82.2	102	85-115			
Batch ID: 24188	Date: 02/06/2009 10:50										
						LCS Source: WDEMLCS_00010					
9060	LCS 220-24188/5 ^4	Total Organic Carbon - Quad	84.85		mg/L	82.2	103	85-115			
Batch ID: 24090	Date: 02/04/2009 15:13										
						LCS Source: WALKLCS_00029					
SM 2320B	LCS 220-24090/3	Alkalinity	243.5		mg/L	236	103	85-115			
Batch ID: 24090	Date: 02/04/2009 16:28										
						LCS Source: WALKLCS_00029					
SM 2320B	LCS 220-24090/14	Alkalinity	245.2		mg/L	236	104	85-115			
Batch ID: 24090	Date: 02/04/2009 17:05										
						LCS Source: WALKLCS_00029					
SM 2320B	LCS 220-24090/18	Alkalinity	243.5		mg/L	236	103	85-115			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG Number: 220-7945-1

Matrix: Water Instrument ID: TOC1

Analysis Method: 9060 MDL Date: 05/11/2008 08:54

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon - Quad		1	0.1

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-7945-1

SDG Number: 220-7945-1

Matrix: Water Instrument ID: Titrator

Analysis Method: SM 2320B MDL Date: 03/23/2008 08:13

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Alkalinity		2	0.16

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: TOC1 Method: 9060

Start Date: 02/05/2009 14:11 End Date: 02/09/2009 14:31

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCQ																			
ICV 220-24188/1	1		14:11	X																			
ICB 220-24188/2	1		14:53	X																			
CCV 220-24188/3	1		04:43	X																			
CCB 220-24188/4	1		05:26	X																			
LCS 220-24188/5 ^4	4	T	10:50	X																			
MB 220-24188/6	1	T	11:37	X																			
220-7945-8	1	T	12:07	X																			
ZZZZZZ			12:58																				
ZZZZZZ			14:03																				
CCV 220-24188/10	1		14:50	X																			
CCB 220-24188/11	1		15:30	X																			
ZZZZZZ			16:04																				
220-7933-A-3 DU ^200	200	T	17:00	X																			
220-7933-A-3 MS ^200	200	T	17:57	X																			
ZZZZZZ			18:54																				
ZZZZZZ			19:42																				
ZZZZZZ			20:32																				
ZZZZZZ			21:15																				
CCV 220-24188/19	1		21:45	X																			
CCB 220-24188/20	1		22:24	X																			
CCV 220-24188/21			11:52																				
CCB 220-24188/22			12:32																				
ZZZZZZ			12:56																				
ZZZZZZ			13:21																				
CCV 220-24188/25			13:51																				
CCB 220-24188/26			14:31																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: TOC1 Method: 9060

Start Date: 02/05/2009 14:11 End Date: 02/06/2009 15:30

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCQ																			
ICV 220-24189/1	1		14:11	X																			
ICB 220-24189/2	1		14:53	X																			
CCV 220-24189/3	1		15:24	X																			
CCB 220-24189/4	1		16:06	X																			
MB 220-24189/5	1	T	17:11	X																			
ZZZZZZ			17:36																				
ZZZZZZ			18:01																				
ZZZZZZ			18:26																				
ZZZZZZ			18:51																				
ZZZZZZ			19:16																				
ZZZZZZ			19:41																				
220-7919-E-6 DU	1	T	20:05	X																			
220-7919-D-6 MS	1	T	20:48	X																			
CCV 220-24189/14	1		22:00	X																			
CCB 220-24189/15	1		22:38	X																			
220-7919-D-6 MSD	1	T	23:21	X																			
ZZZZZZ			00:34																				
ZZZZZZ			00:59																				
ZZZZZZ			01:23																				
ZZZZZZ			01:48																				
ZZZZZZ			02:13																				
ZZZZZZ			02:37																				
ZZZZZZ			03:01																				
220-7945-1	1	T	03:31	X																			
220-7945-2	1	T	04:12	X																			
CCV 220-24189/26	1		04:43	X																			
CCB 220-24189/27	1		05:26	X																			
220-7945-3	1	T	05:59	X																			
220-7945-4	1	T	06:27	X																			
220-7945-5	1	T	07:05	X																			
220-7945-6	1	T	07:43	X																			
220-7945-7	1	T	08:24	X																			
LCS 220-24189/33 ^4	4	T	09:56	X																			
CCV 220-24189/34	1		14:50	X																			
CCB 220-24189/35	1		15:30	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-7945-1

SDG No.: 220-7945-1

Instrument ID: Titrator Method: SM 2320B

Start Date: 02/04/2009 15:00 End Date: 02/04/2009 17:05

Lab Sample ID	D / F	Type	Time	Analytes																				
				Alk																				
ZZZZZZ			15:00																					
ZZZZZZ			15:06																					
LCS 220-24090/3	1	T	15:13	X																				
ZZZZZZ			15:19																					
MB 220-24090/5	1	T	15:24	X																				
220-7945-1	1	T	15:31	X																				
220-7945-1 DU	1	T	15:38	X																				
220-7945-2	1	T	15:45	X																				
220-7945-3	1	T	15:53	X																				
220-7945-4	1	T	16:01	X																				
220-7945-5	1	T	16:09	X																				
220-7945-6	1	T	16:16	X																				
ZZZZZZ			16:21																					
LCS 220-24090/14	1	T	16:28	X																				
220-7945-7	1	T	16:45	X																				
220-7945-8	1	T	16:52	X																				
ZZZZZZ			16:58																					
LCS 220-24090/18	1	T	17:05	X																				

Prep Types

T = Total/NA

ALK: 24090

TestAmerica Shelton CT

PC-TitratION PLUS

Analyst J. Mendoza

Report Date: 02/04/2009
Report Time: 5:05 PM

Run Number
800

Order Number
20090204-1

SampleID	RunDate	RunTime	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm
7.00 BUFFER	02/04/2009	3:00 PM	-1.00	6.99	.00	1,703.97	1,703.97	.00	.00
RB-1	02/04/2009	3:06 PM	-1.00	5.44	.00	.51	.51	.00	.00
walklcs00029-1	02/04/2009	3:13 PM	-1.00	10.00	104.94	243.52	33.64	209.89	.00
RB-2	02/04/2009	3:19 PM	-1.00	5.93	.00	.99	.99	.00	.00
MB-1	02/04/2009	3:24 PM	-1.00	5.32	.00	.31	.31	.00	.00
220-7945-b-1	02/04/2009	3:31 PM	-1.00	7.21	.00	87.91	87.91	.00	.00
220-7945-b-1DU	02/04/2009	3:38 PM	-1.00	7.24	.00	88.19	88.19	.00	.00
220-7945-b-2	02/04/2009	3:45 PM	-1.00	7.34	.00	244.51	244.51	.00	.00
220-7945-b-3	02/04/2009	3:53 PM	-1.00	7.37	.00	212.25	212.25	.00	.00
220-7945-b-4	02/04/2009	4:01 PM	-1.00	7.43	.00	331.20	331.20	.00	.00
220-7945-b-5	02/04/2009	4:09 PM	-1.00	7.55	.00	326.34	326.34	.00	.00
220-7945-b-6	02/04/2009	4:16 PM	-1.00	7.33	.00	134.48	134.48	.00	.00
RB-3	02/04/2009	4:21 PM	-1.00	5.56	.00	.39	.39	.00	.00
walklcs00029-2	02/04/2009	4:28 PM	-1.00	10.03	102.46	245.23	40.31	204.92	.00
220-7945-b-7	02/04/2009	4:45 PM	-1.00	9.90	712.64	1,731.94	306.66	1,425.28	.00
220-7945-b-8	02/04/2009	4:52 PM	-1.00	7.31	.00	175.92	175.92	.00	.00
RB-4	02/04/2009	4:58 PM	-1.00	5.66	.00	.58	.58	.00	.00
walklcs00029-3	02/04/2009	5:05 PM	-1.00	10.00	98.75	243.48	45.98	197.49	.00

W4 BUFF_00003
W7 BUFF_00003
W10 BUFF_00002
WALKLCS_00029

Calibration Report

Calibration Record # 786

Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	02/04/2009
Channel	1	Time	2:46 PM
Probe Type	pH	Temperature	293.11 K 19.96 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-59.915	CorrCoeff	1.0000
Intercept	29.497	Equation:	Y = (59.915) X + (29.497)

Calibration Validity **True** Operator A

	Result	Minimum	Maximum
Slope	-59.915	-63.00	-55.00
Intercept	29.497	-50.00	50.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	208.49
	7.00	31.00
	10.00	-151.00

CALRPRTLive1.SRW
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PC-Titrate For Windows
Timetable Template Report

Timetable Template:
20020204-1

Step	Schedule	Sample Id	Weight	Volume	Start Date	Start Time
1	PH CALIBRATION	4,7,10		20.00	02/04/2009	
2	PH-ALKALINITY	7.00 BUFFER		20.00	02/04/2009	
3	PH-ALKALINITY	RB-1		20.00	02/04/2009	
4	PH-ALKALINITY	walklcs00029-1		20.00	02/04/2009	
5	PH-ALKALINITY	RB-2		20.00	02/04/2009	
6	PH-ALKALINITY	MB-1		20.00	02/04/2009	
7	PH-ALKALINITY	220-7945-b-1		20.00	02/04/2009	
8	PH-ALKALINITY	220-7945-b-1DU		20.00	02/04/2009	
9	PH-ALKALINITY	220-7945-b-2		20.00	02/04/2009	
10	PH-ALKALINITY	220-7945-b-3		20.00	02/04/2009	
11	PH-ALKALINITY	220-7945-b-4		20.00	02/04/2009	
12	PH-ALKALINITY	220-7945-b-5		20.00	02/04/2009	
13	PH-ALKALINITY	220-7945-b-6		20.00	02/04/2009	
14	PH-ALKALINITY	RB-3		20.00	02/04/2009	
15	PH-ALKALINITY	walklcs00029-2		20.00	02/04/2009	
16	PH-ALKALINITY	220-7945-b-7		20.00	02/04/2009	
17	PH-ALKALINITY	220-7945-b-8		20.00	02/04/2009	
18	PH-ALKALINITY	RB-4		20.00	02/04/2009	
19	PH-ALKALINITY	walklcs00029-3		20.00	02/04/2009	

TIMETABL.SRW
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#24188
#24189

090205RL.xls

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer

Reviewer: RJ Date: 2/9/09 TOC STD: WTOCSTDSTK_00007

ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
ID1	1	1	02/05/09 13:40	460583	423742	0.08	0.00		DDM	
ID1	2	1	02/05/09 13:43	426417	423742	0.01	0.00		DDM	
ID1	3	1	02/05/09 13:47	410672	423742	-0.03	0.00		DDM	
ID1	4	1	02/05/09 13:50	401059	423742	-0.05	0.00		DDM	
ICV	1	1	02/05/09 14:11	5403192	423742	10.16	9.83		DDM	
ICV	2	1	02/05/09 14:20	5219230	423742	9.79	9.83		DDM	
ICV	3	1	02/05/09 14:29	5125424	423742	9.59	9.83		DDM	
ICV	4	1	02/05/09 14:38	5211491	423742	9.77	9.83	9.83	DDM	
ICB	1	1	02/05/09 14:53	394257	423742	-0.06	-0.12		DDM	
ICB	2	1	02/05/09 14:56	367289	423742	-0.12	-0.12		DDM	
ICB	3	1	02/05/09 14:59	348400	423742	-0.15	-0.12		DDM	
ICB	4	1	02/05/09 15:03	346878	423742	-0.16	-0.12	-0.12	DDM	
CCV	1	1	02/05/09 15:24	5392783	423742	10.14	9.77		DDM	
CCV	2	1	02/05/09 15:33	5216555	423742	9.78	9.77		DDM	
CCV	3	1	02/05/09 15:42	5140436	423742	9.63	9.77		DDM	
CCV	4	1	02/05/09 15:51	5090044	423742	9.52	9.77	9.77	DDM	
CCB	1	1	02/05/09 16:06	362241	423742	-0.13	-0.19		DDM	
CCB	2	1	02/05/09 16:10	321035	423742	-0.21	-0.19		DDM	
CCB	3	1	02/05/09 16:13	318022	423742	-0.22	-0.19		DDM	
CCB	4	1	02/05/09 16:16	320920	423742	-0.21	-0.19	-0.19	DDM	
MB	1	1	02/05/09 17:11	340203	423742	-0.17	-0.22		DDM	
MB	2	1	02/05/09 17:14	318876	423742	-0.21	-0.22		DDM	
MB	3	1	02/05/09 17:18	309264	423742	-0.23	-0.22		DDM	
MB	4	1	02/05/09 17:21	304793	423742	-0.24	-0.22	-0.22	DDM	
220-7919-d-1	1	1	02/05/09 17:36	397876	423742	-0.05	-0.15		DDM	
220-7919-d-1	2	1	02/05/09 17:40	331608	423742	-0.19	-0.15		DDM	
220-7919-d-1	3	1	02/05/09 17:43	333701	423742	-0.18	-0.15		DDM	
220-7919-d-1	4	1	02/05/09 17:46	330129	423742	-0.19	-0.15	-0.15	DDM	
220-7919-d-2	1	1	02/05/09 18:01	349177	423742	-0.15	-0.19		DDM	
220-7919-d-2	2	1	02/05/09 18:04	329314	423742	-0.19	-0.19		DDM	
220-7919-d-2	3	1	02/05/09 18:08	326662	423742	-0.20	-0.19		DDM	
220-7919-d-2	4	1	02/05/09 18:11	316810	423742	-0.22	-0.19	-0.19	DDM	
220-7919-d-3	1	1	02/05/09 18:26	369560	423742	-0.11	-0.19		DDM	
220-7919-d-3	2	1	02/05/09 18:29	322806	423742	-0.21	-0.19		DDM	
220-7919-d-3	3	1	02/05/09 18:33	312015	423742	-0.23	-0.19		DDM	
220-7919-d-3	4	1	02/05/09 18:36	309739	423742	-0.23	-0.19	-0.19	DDM	
220-7919-d-4	1	1	02/05/09 18:51	402787	423742	-0.04	-0.13		DDM	
220-7919-d-4	2	1	02/05/09 18:54	358189	423742	-0.13	-0.13		DDM	
220-7919-d-4	3	1	02/05/09 18:58	341655	423742	-0.17	-0.13		DDM	
220-7919-d-4	4	1	02/05/09 19:01	339205	423742	-0.17	-0.13	-0.13	DDM	
220-7919-d-5	1	1	02/05/09 19:16	371555	423742	-0.11	-0.24		DDM	
220-7919-d-5	2	1	02/05/09 19:19	282748	423742	-0.29	-0.24		DDM	
220-7919-d-5	3	1	02/05/09 19:22	286493	423742	-0.28	-0.24		DDM	
220-7919-d-5	4	1	02/05/09 19:26	283550	423742	-0.29	-0.24	-0.24	DDM	
220-7919-d-6	1	1	02/05/09 19:41	348581	423742	-0.15	-0.21		DDM	
220-7919-d-6	2	1	02/05/09 19:44	320053	423742	-0.21	-0.21		DDM	
220-7919-d-6	3	1	02/05/09 19:47	310011	423742	-0.23	-0.21		DDM	
220-7919-d-6	4	1	02/05/09 19:50	310007	423742	-0.23	-0.21	-0.21	DDM	
220-7919-f-6 DU	1	1	02/05/09 20:05	341136	423742	-0.17	-0.23		DDM	
220-7919-f-6 DU	2	1	02/05/09 20:09	310244	423742	-0.23	-0.23		DDM	
220-7919-f-6 DU	3	1	02/05/09 20:12	301558	423742	-0.25	-0.23		DDM	
220-7919-f-6 DU	4	1	02/05/09 20:15	300807	423742	-0.25	-0.23	-0.23	DDM	
220-7919-d-6 ms	1	1	02/05/09 20:48	10333822	423742	20.22	17.91		DDM	
220-7919-d-6 ms	2	1	02/05/09 21:06	9236213	423742	17.98	17.91		DDM	
220-7919-d-6 ms	3	1	02/05/09 21:23	8712569	423742	16.92	17.91		DDM	
220-7919-d-6 ms	4	1	02/05/09 21:40	8516556	423742	16.52	17.91	17.91	DDM	S A = 20.0 mg/L

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: RJ Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
CCV	1	1	02/05/09 22:00	5410996	423742	10.18	10.18		DDM	
CCV	2	1	02/05/09 22:08	5406652	423742	10.17	10.18		DDM	
CCV	3	1	02/05/09 22:16	5403167	423742	10.16	10.18		DDM	
CCV	4	1	02/05/09 22:24	5435475	423742	10.23	10.18	10.18	DDM	
CCB	1	1	02/05/09 22:38	296380	423742	-0.26	-0.31		DDM	
CCB	2	1	02/05/09 22:42	269225	423742	-0.32	-0.31		DDM	
CCB	3	1	02/05/09 22:45	266994	423742	-0.32	-0.31		DDM	
CCB	4	1	02/05/09 22:48	262128	423742	-0.33	-0.31	-0.31	DDM	
220-7919-d-6 msd	1	1	02/05/09 23:21	10061430	423742	19.67	17.04		DDM	
220-7919-d-6 msd	2	1	02/05/09 23:41	8903795	423742	17.31	17.04		DDM	
220-7919-d-6 msd	3	1	02/06/09 00:00	8312461	423742	16.10	17.04		DDM	
220-7919-d-6 msd	4	1	02/06/09 00:19	7817939	423742	15.09	17.04	17.04	DDM	S A = 20.0 mg/L
220-7919-d-7	1	1	02/06/09 00:34	258323	423742	-0.34	-0.37		DDM	
220-7919-d-7	2	1	02/06/09 00:37	239859	423742	-0.38	-0.37		DDM	
220-7919-d-7	3	1	02/06/09 00:40	240331	423742	-0.37	-0.37		DDM	
220-7919-d-7	4	1	02/06/09 00:44	236209	423742	-0.38	-0.37	-0.37	DDM	
220-7919-d-8	1	1	02/06/09 00:59	300541	423742	-0.25	-0.34		DDM	
220-7919-d-8	2	1	02/06/09 01:02	246675	423742	-0.36	-0.34		DDM	
220-7919-d-8	3	1	02/06/09 01:05	236080	423742	-0.38	-0.34		DDM	
220-7919-d-8	4	1	02/06/09 01:09	236270	423742	-0.38	-0.34	-0.34	DDM	
220-7919-d-9	1	1	02/06/09 01:23	265026	423742	-0.32	-0.35		DDM	
220-7919-d-9	2	1	02/06/09 01:27	247244	423742	-0.36	-0.35		DDM	
220-7919-d-9	3	1	02/06/09 01:30	249151	423742	-0.36	-0.35		DDM	
220-7919-d-9	4	1	02/06/09 01:33	252159	423742	-0.35	-0.35	-0.35	DDM	
220-7919-d-10	1	1	02/06/09 01:48	229879	423742	-0.40	-0.40		DDM	
220-7919-d-10	2	1	02/06/09 01:51	232275	423742	-0.39	-0.40		DDM	
220-7919-d-10	3	1	02/06/09 01:54	227949	423742	-0.40	-0.40		DDM	
220-7919-d-10	4	1	02/06/09 01:58	229157	423742	-0.40	-0.40	-0.40	DDM	
220-7919-d-11	1	1	02/06/09 02:13	291095	423742	-0.27	-0.37		DDM	
220-7919-d-11	2	1	02/06/09 02:16	230774	423742	-0.39	-0.37		DDM	
220-7919-d-11	3	1	02/06/09 02:19	227498	423742	-0.40	-0.37		DDM	
220-7919-d-11	4	1	02/06/09 02:22	227695	423742	-0.40	-0.37	-0.37	DDM	
220-7919-d-12	1	1	02/06/09 02:37	215258	423742	-0.43	-0.40		DDM	
220-7919-d-12	2	1	02/06/09 02:40	230702	423742	-0.39	-0.40		DDM	
220-7919-d-12	3	1	02/06/09 02:43	229048	423742	-0.40	-0.40		DDM	
220-7919-d-12	4	1	02/06/09 02:47	228762	423742	-0.40	-0.40	-0.40	DDM	
220-7919-d-13	1	1	02/06/09 03:01	230174	423742	-0.40	-0.40		DDM	
220-7919-d-13	2	1	02/06/09 03:05	226959	423742	-0.40	-0.40		DDM	
220-7919-d-13	3	1	02/06/09 03:08	224848	423742	-0.41	-0.40		DDM	
220-7919-d-13	4	1	02/06/09 03:11	225458	423742	-0.40	-0.40	-0.40	DDM	
220-7945-e-1	1	1	02/06/09 03:31	3250848	423742	5.77	5.65		DDM	
220-7945-e-1	2	1	02/06/09 03:40	3206290	423742	5.68	5.65		DDM	
220-7945-e-1	3	1	02/06/09 03:49	3159898	423742	5.58	5.65		DDM	
220-7945-e-1	4	1	02/06/09 03:57	3160689	423742	5.59	5.65	5.65	DDM	
220-7945-e-2	1	1	02/06/09 04:12	272083	423742	-0.31	-0.38		DDM	
220-7945-e-2	2	1	02/06/09 04:16	220842	423742	-0.41	-0.38		DDM	
220-7945-e-2	3	1	02/06/09 04:19	224682	423742	-0.41	-0.38		DDM	
220-7945-e-2	4	1	02/06/09 04:22	223156	423742	-0.41	-0.38	-0.38	DDM	
CCV	1	1	02/06/09 04:43	5172741	423742	9.69	9.52		DDM	
CCV	2	1	02/06/09 04:53	5073386	423742	9.49	9.52		DDM	
CCV	3	1	02/06/09 05:02	5042076	423742	9.42	9.52		DDM	
CCV	4	1	02/06/09 05:11	5067639	423742	9.48	9.52	9.52	DDM	
CCB	1	1	02/06/09 05:26	249960	423742	-0.35	-0.40		DDM	
CCB	2	1	02/06/09 05:30	219116	423742	-0.42	-0.40		DDM	
CCB	3	1	02/06/09 05:33	217258	423742	-0.42	-0.40		DDM	
CCB	4	1	02/06/09 05:36	219349	423742	-0.42	-0.40	-0.40	DDM	

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: RJ Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7945-e-3	1	1	02/06/09 05:59	1448494	423742	2.09	0.22		DDM	
220-7945-e-3	2	1	02/06/09 06:02	253229	423742	-0.35	0.22		DDM	
220-7945-e-3	3	1	02/06/09 06:06	203779	423742	-0.45	0.22		DDM	
220-7945-e-3	4	1	02/06/09 06:09	213348	423742	-0.43	0.22	0.22	DDM	
220-7945-e-4	1	1	02/06/09 06:27	1416421	423742	2.03	1.88		DDM	
220-7945-e-4	2	1	02/06/09 06:34	1344261	423742	1.88	1.88		DDM	
220-7945-e-4	3	1	02/06/09 06:40	1310915	423742	1.81	1.88		DDM	
220-7945-e-4	4	1	02/06/09 06:47	1306135	423742	1.80	1.88	1.88	DDM	
220-7945-e-5	1	1	02/06/09 07:05	1592896	423742	2.39	2.29		DDM	
220-7945-e-5	2	1	02/06/09 07:12	1551426	423742	2.30	2.29		DDM	
220-7945-e-5	3	1	02/06/09 07:19	1529747	423742	2.26	2.29		DDM	
220-7945-e-5	4	1	02/06/09 07:25	1510527	423742	2.22	2.29	2.29	DDM	
220-7945-e-6	1	1	02/06/09 07:43	925844	423742	1.02	0.92		DDM	
220-7945-e-6	2	1	02/06/09 07:50	875387	423742	0.92	0.92		DDM	
220-7945-e-6	3	1	02/06/09 07:56	858280	423742	0.89	0.92		DDM	
220-7945-e-6	4	1	02/06/09 08:03	841629	423742	0.85	0.92	0.92	DDM	
220-7945-e-7	1	1	02/06/09 08:24	8158435	423742	15.78	15.85		DDM	
220-7945-e-7	2	1	02/06/09 08:34	8280690	423742	16.03	15.85		DDM	
220-7945-e-7	3	1	02/06/09 08:43	8240166	423742	15.95	15.85		DDM	
220-7945-e-7	4	1	02/06/09 08:52	8075129	423742	15.61	15.85	15.85	DDM	
LCS@4	1	4	02/06/09 09:56	10888763	423742	21.36	21.06		DDM	
LCS@4	2	4	02/06/09 10:06	10628195	423742	20.82	21.06		DDM	
LCS@4	3	4	02/06/09 10:17	10724238	423742	21.02	21.06		DDM	
LCS@4	4	4	02/06/09 10:28	10732568	423742	21.04	21.06	84.24	DDM	T V = 82.2 mg/L
LCS@4	1	4	02/06/09 10:50	11072908	423742	21.73	21.21		DDM	
LCS@4	2	4	02/06/09 11:01	10767492	423742	21.11	21.21		DDM	
LCS@4	3	4	02/06/09 11:12	10668013	423742	20.91	21.21		DDM	
LCS@4	4	4	02/06/09 11:22	10767616	423742	21.11	21.21	84.85	DDM	T V = 82.2 mg/L
MB	1	1	02/06/09 11:37	243722	423742	-0.37	-0.42		DDM	
MB	2	1	02/06/09 11:40	211851	423742	-0.43	-0.42		DDM	
MB	3	1	02/06/09 11:43	205444	423742	-0.45	-0.42		DDM	
MB	4	1	02/06/09 11:47	200957	423742	-0.45	-0.42	-0.42	DDM	
220-7945-e-8	1	1	02/06/09 12:07	1597666	423742	2.40	1.88		DDM	
220-7945-e-8	2	1	02/06/09 12:15	1339700	423742	1.87	1.88		DDM	
220-7945-e-8	3	1	02/06/09 12:23	1259436	423742	1.71	1.88		DDM	
220-7945-e-8	4	1	02/06/09 12:31	1189476	423742	1.56	1.88	1.88	DDM	
220-7933-a-1@500	1	500	02/06/09 12:58	20168680	423742	40.29	39.55		DDM	
220-7933-a-1@500	2	500	02/06/09 13:13	19681187	423742	39.30	39.55		DDM	
220-7933-a-1@500	3	500	02/06/09 13:28	19858898	423742	39.66	39.55		DDM	
220-7933-a-1@500	4	500	02/06/09 13:43	19501964	423742	38.93	39.55	19773.35	DDM	
220-7933-a-2@200	1	200	02/06/09 14:03	4435524	423742	8.19	7.86		DDM	
220-7933-a-2@200	2	200	02/06/09 14:12	4231705	423742	7.77	7.86		DDM	
220-7933-a-2@200	3	200	02/06/09 14:21	4223677	423742	7.75	7.86		DDM	
220-7933-a-2@200	4	200	02/06/09 14:30	4202008	423742	7.71	7.86	1571.13	DDM	
CCV	1	1	02/06/09 14:50	5440785	423742	10.24	10.04		DDM	
CCV	2	1	02/06/09 14:59	5372647	423742	10.10	10.04		DDM	
CCV	3	1	02/06/09 15:07	5276072	423742	9.90	10.04		DDM	
CCV	4	1	02/06/09 15:15	5292683	423742	9.94	10.04	10.04	DDM	
CCB	1	1	02/06/09 15:30	223891	423742	-0.41	-0.44		DDM	
CCB	2	1	02/06/09 15:33	204034	423742	-0.45	-0.44		DDM	
CCB	3	1	02/06/09 15:36	202744	423742	-0.45	-0.44		DDM	
CCB	4	1	02/06/09 15:40	202109	423742	-0.45	-0.44	-0.44	DDM	
220-7933-a-3@200	1	200	02/06/09 16:04	4050396	423742	7.40	6.60		DDM	
220-7933-a-3@200	2	200	02/06/09 16:15	3653255	423742	6.59	6.60		DDM	
220-7933-a-3@200	3	200	02/06/09 16:26	3469415	423742	6.22	6.60		DDM	
220-7933-a-3@200	4	200	02/06/09 16:36	3458696	423742	6.19	6.60	1320.01	DDM	

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7933-a-3 DU@200	1	200	02/06/09 17:00	4273194	423742	7.86	7.07		DDM	
220-7933-a-3 DU@200	2	200	02/06/09 17:10	3815907	423742	6.92	7.07		DDM	
220-7933-a-3 DU@200	3	200	02/06/09 17:21	3725219	423742	6.74	7.07		DDM	
220-7933-a-3 DU@200	4	200	02/06/09 17:31	3735942	423742	6.76	7.07	1413.73	DDM	
220-7933-a-3 MS@200	1	200	02/06/09 17:57	14504361	423742	28.73	27.69		DDM	
220-7933-a-3 MS@200	2	200	02/06/09 18:10	14136541	423742	27.98	27.69		DDM	
220-7933-a-3 MS@200	3	200	02/06/09 18:22	13690575	423742	27.07	27.69		DDM	
220-7933-a-3 MS@200	4	200	02/06/09 18:34	13644396	423742	26.98	27.69	5538.57	DDM	S A = 4000 mg/L
220-7933-a-4@500	1	500	02/06/09 18:54	3479749	423742	6.24	5.97		DDM	
220-7933-a-4@500	2	500	02/06/09 19:03	3381562	423742	6.04	5.97		DDM	
220-7933-a-4@500	3	500	02/06/09 19:12	3306194	423742	5.88	5.97		DDM	
220-7933-a-4@500	4	500	02/06/09 19:20	3225908	423742	5.72	5.97	2984.14	DDM	
220-7933-a-5@500	1	500	02/06/09 19:42	9316372	423742	18.15	17.65		DDM	
220-7933-a-5@500	2	500	02/06/09 19:51	9137102	423742	17.78	17.65		DDM	
220-7933-a-5@500	3	500	02/06/09 20:00	8995902	423742	17.49	17.65		DDM	
220-7933-a-5@500	4	500	02/06/09 20:09	8848175	423742	17.19	17.65	8826.71	DDM	
220-7933-a-6@500	1	500	02/06/09 20:32	10734178	423742	21.04	20.45		DDM	
220-7933-a-6@500	2	500	02/06/09 20:41	10443694	423742	20.45	20.45		DDM	
220-7933-a-6@500	3	500	02/06/09 20:51	10276149	423742	20.11	20.45		DDM	
220-7933-a-6@500	4	500	02/06/09 21:01	10325955	423742	20.21	20.45	10225.21	DDM	
220-7933-a-7@1000	1	1000	02/06/09 21:15	302896	423742	-0.25	-0.26		DDM	Rerun follows
220-7933-a-7@1000	2	1000	02/06/09 21:19	295116	423742	-0.26	-0.26		DDM	Rerun follows
220-7933-a-7@1000	3	1000	02/06/09 21:22	292922	423742	-0.27	-0.26		DDM	Rerun follows
220-7933-a-7@1000	4	1000	02/06/09 21:25	285712	423742	-0.28	-0.26		DDM	Rerun follows
CCV	1	1	02/06/09 21:45	5603150	423742	10.57	10.32		DDM	
CCV	2	1	02/06/09 21:53	5461544	423742	10.28	10.32		DDM	
CCV	3	1	02/06/09 22:01	5422135	423742	10.20	10.32		DDM	
CCV	4	1	02/06/09 22:10	5442387	423742	10.24	10.32	10.32	DDM	
CCB	1	1	02/06/09 22:24	319278	423742	-0.21	-0.25		DDM	
CCB	2	1	02/06/09 22:28	302701	423742	-0.25	-0.25		DDM	
CCB	3	1	02/06/09 22:31	294236	423742	-0.26	-0.25		DDM	
CCB	4	1	02/06/09 22:34	288308	423742	-0.28	-0.25	-0.25	DDM	
ID1	1	1	02/09/09 11:22	352441	423742	-0.15	-0.17		DDM	
ID1	2	1	02/09/09 11:25	336673	423742	-0.18	-0.17		DDM	
ID1	3	1	02/09/09 11:29	334501	423742	-0.18	-0.17		DDM	
ID1	4	1	02/09/09 11:32	330417	423742	-0.19	-0.17	-0.17	DDM	
CCV	1	1	02/09/09 11:52	5435320	423742	10.23	9.97		DDM	
CCV	2	1	02/09/09 12:00	5298651	423742	9.95	9.97		DDM	
CCV	3	1	02/09/09 12:08	5245567	423742	9.84	9.97		DDM	
CCV	4	1	02/09/09 12:17	5258890	423742	9.87	9.97	9.97	DDM	
CCB	1	1	02/09/09 12:32	335857	423742	-0.18	-0.22		DDM	
CCB	2	1	02/09/09 12:35	307922	423742	-0.24	-0.22		DDM	
CCB	3	1	02/09/09 12:38	311836	423742	-0.23	-0.22		DDM	
CCB	4	1	02/09/09 12:42	310968	423742	-0.23	-0.22	-0.22	DDM	
220-7933-a-7@100	1	100	02/09/09 12:56	279332	423742	-0.29	-0.27		DDM	Rerun follows
220-7933-a-7@100	2	100	02/09/09 13:00	295718	423742	-0.26	-0.27		DDM	Rerun follows
220-7933-a-7@100	3	100	02/09/09 13:03	293321	423742	-0.27	-0.27		DDM	Rerun follows
220-7933-a-7@100	4	100	02/09/09 13:06	295639	423742	-0.26	-0.27		DDM	Rerun follows
220-7933-a-7@40	1	40	02/09/09 13:21	279537	423742	-0.29	-0.27		DDM	
220-7933-a-7@40	2	40	02/09/09 13:24	292114	423742	-0.27	-0.27		DDM	
220-7933-a-7@40	3	40	02/09/09 13:28	293131	423742	-0.27	-0.27		DDM	
220-7933-a-7@40	4	40	02/09/09 13:31	293454	423742	-0.27	-0.27	-10.95	DDM	
CCV	1	1	02/09/09 13:51	4951832	423742	9.24	9.73		DDM	
CCV	2	1	02/09/09 13:59	5186317	423742	9.72	9.73		DDM	
CCV	3	1	02/09/09 14:08	5304816	423742	9.96	9.73		DDM	
CCV	4	1	02/09/09 14:17	5317806	423742	9.99	9.73	9.73	DDM	

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

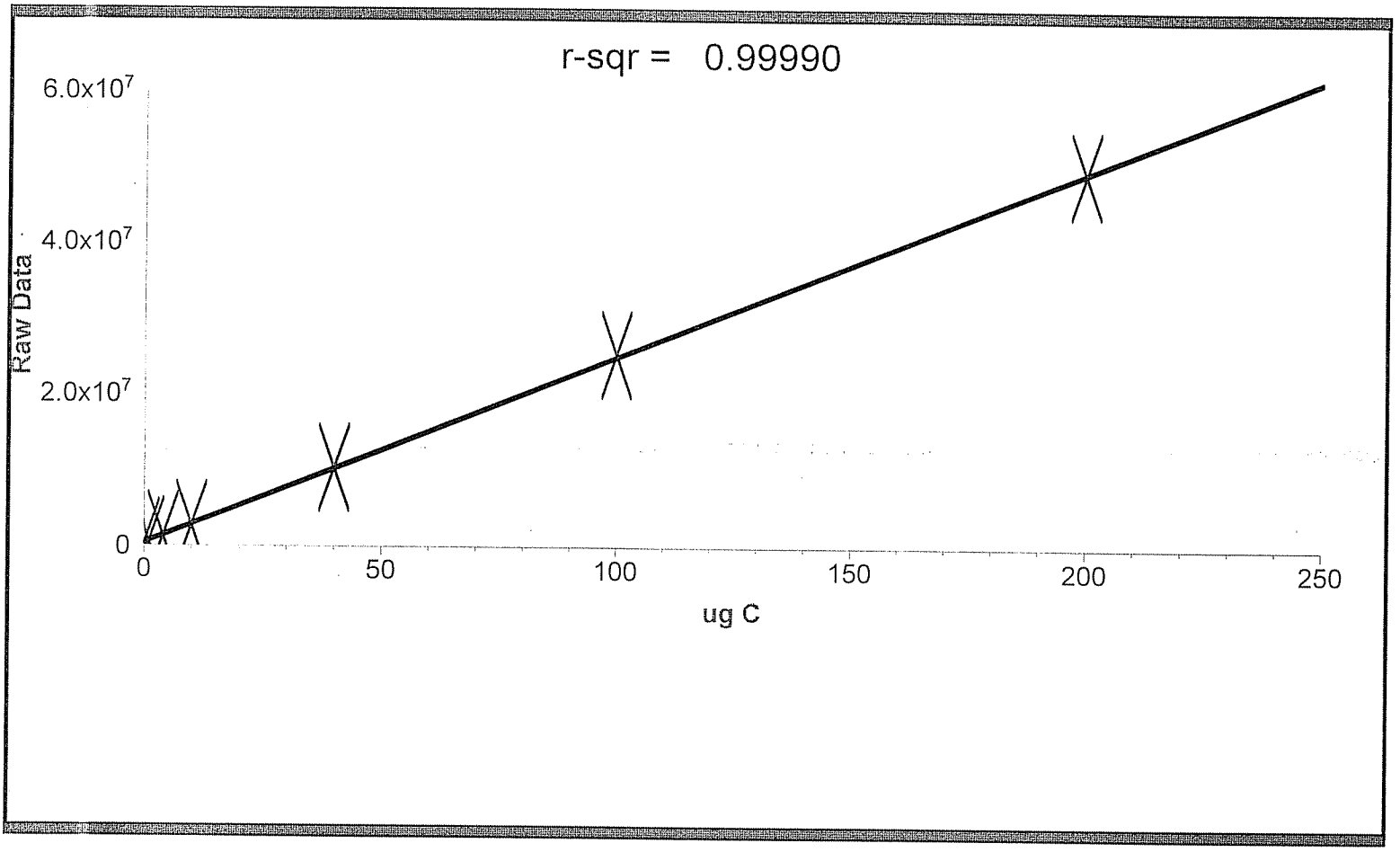
Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
CCB	1	1	02/09/09 14:31	308261	423742	-0.24	-0.27		DDM	
CCB	2	1	02/09/09 14:35	291864	423742	-0.27	-0.27		DDM	
CCB	3	1	02/09/09 14:38	285426	423742	-0.28	-0.27		DDM	
CCB	4	1	02/09/09 14:42	282871	423742	-0.29	-0.27	-0.27	DDM	

Calibration Report Print Date/Time: 2009/02/09 15:10:16
Instrument: TOC1/STLCT

Cal. Curve ID: WTOCSTDSTK_00007
Created: 2008/10/16 07:53
Calibration Factor (m): 2.450e+05
Y Intercept (b): 409859
r-squared: 0.99990

In Use	Standard ID	Y Raw Data	X Expected ug C/N	Measured ug C/N	Message	Date & Time
X	0.00 ppm	397052	0.000	-0.052		2008/10/15 15:58
X	0.50 ppm	569370	1.000	0.651		2008/10/15 16:27
X	2.00 ppm	1330565	4.000	3.758		2008/10/15 17:01
X	5.00 ppm	2757530	10.000	9.582		2008/10/15 17:42
X	20.0 ppm	10301221	40.000	40.371		2008/10/15 18:32
X	50.0 ppm	25272626	100.000	101.475		2008/10/15 19:38
X	100.0 ppm	49220384	200.000	199.216		2008/10/15 21:08

(Signatures)


r-sqr = 0.99990
6.0x10^7
4.0x10^7
2.0x10^7
0
Raw Data
0
50
100
150
200
250
ug C

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#24189

090205RL.xls

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer

Reviewer: RJ Date: 2/9/09 TOC STD: WTOCSTDSTK_00007

ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
ID1	1	1	02/05/09 13:40	460583	423742	0.08	0.00		DDM	
ID1	2	1	02/05/09 13:43	426417	423742	0.01	0.00		DDM	
ID1	3	1	02/05/09 13:47	410672	423742	-0.03	0.00		DDM	
ID1	4	1	02/05/09 13:50	401059	423742	-0.05	0.00		DDM	
ICV	1	1	02/05/09 14:11	5403192	423742	10.16	9.83		DDM	
ICV	2	1	02/05/09 14:20	5219230	423742	9.79	9.83		DDM	
ICV	3	1	02/05/09 14:29	5125424	423742	9.59	9.83		DDM	
ICV	4	1	02/05/09 14:38	5211491	423742	9.77	9.83	9.83	DDM	
ICB	1	1	02/05/09 14:53	394257	423742	-0.06	-0.12		DDM	
ICB	2	1	02/05/09 14:56	367289	423742	-0.12	-0.12		DDM	
ICB	3	1	02/05/09 14:59	348400	423742	-0.15	-0.12		DDM	
ICB	4	1	02/05/09 15:03	346878	423742	-0.16	-0.12	-0.12	DDM	
CCV	1	1	02/05/09 15:24	5392783	423742	10.14	9.77		DDM	
CCV	2	1	02/05/09 15:33	5216555	423742	9.78	9.77		DDM	
CCV	3	1	02/05/09 15:42	5140436	423742	9.63	9.77		DDM	
CCV	4	1	02/05/09 15:51	5090044	423742	9.52	9.77	9.77	DDM	
CCB	1	1	02/05/09 16:06	362241	423742	-0.13	-0.19		DDM	
CCB	2	1	02/05/09 16:10	321035	423742	-0.21	-0.19		DDM	
CCB	3	1	02/05/09 16:13	318022	423742	-0.22	-0.19		DDM	
CCB	4	1	02/05/09 16:16	320920	423742	-0.21	-0.19	-0.19	DDM	
MB	1	1	02/05/09 17:11	340203	423742	-0.17	-0.22		DDM	
MB	2	1	02/05/09 17:14	318876	423742	-0.21	-0.22		DDM	
MB	3	1	02/05/09 17:18	309264	423742	-0.23	-0.22		DDM	
MB	4	1	02/05/09 17:21	304793	423742	-0.24	-0.22	-0.22	DDM	
220-7919-d-1	1	1	02/05/09 17:36	397876	423742	-0.05	-0.15		DDM	
220-7919-d-1	2	1	02/05/09 17:40	331608	423742	-0.19	-0.15		DDM	
220-7919-d-1	3	1	02/05/09 17:43	333701	423742	-0.18	-0.15		DDM	
220-7919-d-1	4	1	02/05/09 17:46	330129	423742	-0.19	-0.15	-0.15	DDM	
220-7919-d-2	1	1	02/05/09 18:01	349177	423742	-0.15	-0.19		DDM	
220-7919-d-2	2	1	02/05/09 18:04	329314	423742	-0.19	-0.19		DDM	
220-7919-d-2	3	1	02/05/09 18:08	326662	423742	-0.20	-0.19		DDM	
220-7919-d-2	4	1	02/05/09 18:11	316810	423742	-0.22	-0.19	-0.19	DDM	
220-7919-d-3	1	1	02/05/09 18:26	369560	423742	-0.11	-0.19		DDM	
220-7919-d-3	2	1	02/05/09 18:29	322806	423742	-0.21	-0.19		DDM	
220-7919-d-3	3	1	02/05/09 18:33	312015	423742	-0.23	-0.19		DDM	
220-7919-d-3	4	1	02/05/09 18:36	309739	423742	-0.23	-0.19	-0.19	DDM	
220-7919-d-4	1	1	02/05/09 18:51	402787	423742	-0.04	-0.13		DDM	
220-7919-d-4	2	1	02/05/09 18:54	358189	423742	-0.13	-0.13		DDM	
220-7919-d-4	3	1	02/05/09 18:58	341655	423742	-0.17	-0.13		DDM	
220-7919-d-4	4	1	02/05/09 19:01	339205	423742	-0.17	-0.13	-0.13	DDM	
220-7919-d-5	1	1	02/05/09 19:16	371555	423742	-0.11	-0.24		DDM	
220-7919-d-5	2	1	02/05/09 19:19	282748	423742	-0.29	-0.24		DDM	
220-7919-d-5	3	1	02/05/09 19:22	286493	423742	-0.28	-0.24		DDM	
220-7919-d-5	4	1	02/05/09 19:26	283550	423742	-0.29	-0.24	-0.24	DDM	
220-7919-d-6	1	1	02/05/09 19:41	348581	423742	-0.15	-0.21		DDM	
220-7919-d-6	2	1	02/05/09 19:44	320053	423742	-0.21	-0.21		DDM	
220-7919-d-6	3	1	02/05/09 19:47	310011	423742	-0.23	-0.21		DDM	
220-7919-d-6	4	1	02/05/09 19:50	310007	423742	-0.23	-0.21	-0.21	DDM	
220-7919-f-6 DU	1	1	02/05/09 20:05	341136	423742	-0.17	-0.23		DDM	
220-7919-f-6 DU	2	1	02/05/09 20:09	310244	423742	-0.23	-0.23		DDM	
220-7919-f-6 DU	3	1	02/05/09 20:12	301558	423742	-0.25	-0.23		DDM	
220-7919-f-6 DU	4	1	02/05/09 20:15	300807	423742	-0.25	-0.23	-0.23	DDM	
220-7919-d-6 ms	1	1	02/05/09 20:48	10333822	423742	20.22	17.91		DDM	
220-7919-d-6 ms	2	1	02/05/09 21:06	9236213	423742	17.98	17.91		DDM	
220-7919-d-6 ms	3	1	02/05/09 21:23	8712569	423742	16.92	17.91		DDM	
220-7919-d-6 ms	4	1	02/05/09 21:40	8516556	423742	16.52	17.91	17.91	DDM	S A = 20.0 mg/L

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: RD Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
CCV	1	1	02/05/09 22:00	5410996	423742	10.18	10.18		DDM	
CCV	2	1	02/05/09 22:08	5406652	423742	10.17	10.18		DDM	
CCV	3	1	02/05/09 22:16	5403167	423742	10.16	10.18		DDM	
CCV	4	1	02/05/09 22:24	5435475	423742	10.23	10.18	10.18	DDM	
CCB	1	1	02/05/09 22:38	296380	423742	-0.26	-0.31		DDM	
CCB	2	1	02/05/09 22:42	269225	423742	-0.32	-0.31		DDM	
CCB	3	1	02/05/09 22:45	266994	423742	-0.32	-0.31		DDM	
CCB	4	1	02/05/09 22:48	262128	423742	-0.33	-0.31	-0.31	DDM	
220-7919-d-6 msd	1	1	02/05/09 23:21	10061430	423742	19.67	17.04		DDM	
220-7919-d-6 msd	2	1	02/05/09 23:41	8903795	423742	17.31	17.04		DDM	
220-7919-d-6 msd	3	1	02/06/09 00:00	8312461	423742	16.10	17.04		DDM	
220-7919-d-6 msd	4	1	02/06/09 00:19	7817939	423742	15.09	17.04	17.04	DDM	S A = 20.0 mg/L
220-7919-d-7	1	1	02/06/09 00:34	258323	423742	-0.34	-0.37		DDM	
220-7919-d-7	2	1	02/06/09 00:37	239859	423742	-0.38	-0.37		DDM	
220-7919-d-7	3	1	02/06/09 00:40	240331	423742	-0.37	-0.37		DDM	
220-7919-d-7	4	1	02/06/09 00:44	236209	423742	-0.38	-0.37	-0.37	DDM	
220-7919-d-8	1	1	02/06/09 00:59	300541	423742	-0.25	-0.34		DDM	
220-7919-d-8	2	1	02/06/09 01:02	246675	423742	-0.36	-0.34		DDM	
220-7919-d-8	3	1	02/06/09 01:05	236080	423742	-0.38	-0.34		DDM	
220-7919-d-8	4	1	02/06/09 01:09	236270	423742	-0.38	-0.34	-0.34	DDM	
220-7919-d-9	1	1	02/06/09 01:23	265026	423742	-0.32	-0.35		DDM	
220-7919-d-9	2	1	02/06/09 01:27	247244	423742	-0.36	-0.35		DDM	
220-7919-d-9	3	1	02/06/09 01:30	249151	423742	-0.36	-0.35		DDM	
220-7919-d-9	4	1	02/06/09 01:33	252159	423742	-0.35	-0.35	-0.35	DDM	
220-7919-d-10	1	1	02/06/09 01:48	229879	423742	-0.40	-0.40		DDM	
220-7919-d-10	2	1	02/06/09 01:51	232275	423742	-0.39	-0.40		DDM	
220-7919-d-10	3	1	02/06/09 01:54	227949	423742	-0.40	-0.40		DDM	
220-7919-d-10	4	1	02/06/09 01:58	229157	423742	-0.40	-0.40	-0.40	DDM	
220-7919-d-11	1	1	02/06/09 02:13	291095	423742	-0.27	-0.37		DDM	
220-7919-d-11	2	1	02/06/09 02:16	230774	423742	-0.39	-0.37		DDM	
220-7919-d-11	3	1	02/06/09 02:19	227498	423742	-0.40	-0.37		DDM	
220-7919-d-11	4	1	02/06/09 02:22	227695	423742	-0.40	-0.37	-0.37	DDM	
220-7919-d-12	1	1	02/06/09 02:37	215258	423742	-0.43	-0.40		DDM	
220-7919-d-12	2	1	02/06/09 02:40	230702	423742	-0.39	-0.40		DDM	
220-7919-d-12	3	1	02/06/09 02:43	229048	423742	-0.40	-0.40		DDM	
220-7919-d-12	4	1	02/06/09 02:47	228762	423742	-0.40	-0.40	-0.40	DDM	
220-7919-d-13	1	1	02/06/09 03:01	230174	423742	-0.40	-0.40		DDM	
220-7919-d-13	2	1	02/06/09 03:05	226959	423742	-0.40	-0.40		DDM	
220-7919-d-13	3	1	02/06/09 03:08	224848	423742	-0.41	-0.40		DDM	
220-7919-d-13	4	1	02/06/09 03:11	225458	423742	-0.40	-0.40	-0.40	DDM	
220-7945-e-1	1	1	02/06/09 03:31	3250848	423742	5.77	5.65		DDM	
220-7945-e-1	2	1	02/06/09 03:40	3206290	423742	5.68	5.65		DDM	
220-7945-e-1	3	1	02/06/09 03:49	3159898	423742	5.58	5.65		DDM	
220-7945-e-1	4	1	02/06/09 03:57	3160689	423742	5.59	5.65	5.65	DDM	
220-7945-e-2	1	1	02/06/09 04:12	272083	423742	-0.31	-0.38		DDM	
220-7945-e-2	2	1	02/06/09 04:16	220842	423742	-0.41	-0.38		DDM	
220-7945-e-2	3	1	02/06/09 04:19	224682	423742	-0.41	-0.38		DDM	
220-7945-e-2	4	1	02/06/09 04:22	223156	423742	-0.41	-0.38	-0.38	DDM	
CCV	1	1	02/06/09 04:43	5172741	423742	9.69	9.52		DDM	
CCV	2	1	02/06/09 04:53	5073386	423742	9.49	9.52		DDM	
CCV	3	1	02/06/09 05:02	5042076	423742	9.42	9.52		DDM	
CCV	4	1	02/06/09 05:11	5067639	423742	9.48	9.52	9.52	DDM	
CCB	1	1	02/06/09 05:26	249960	423742	-0.35	-0.40		DDM	
CCB	2	1	02/06/09 05:30	219116	423742	-0.42	-0.40		DDM	
CCB	3	1	02/06/09 05:33	217258	423742	-0.42	-0.40		DDM	
CCB	4	1	02/06/09 05:36	219349	423742	-0.42	-0.40	-0.40	DDM	

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: RJ Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7945-e-3	1	1	02/06/09 05:59	1448494	423742	2.09	0.22		DDM	
220-7945-e-3	2	1	02/06/09 06:02	253229	423742	-0.35	0.22		DDM	
220-7945-e-3	3	1	02/06/09 06:06	203779	423742	-0.45	0.22		DDM	
220-7945-e-3	4	1	02/06/09 06:09	213348	423742	-0.43	0.22	0.22	DDM	
220-7945-e-4	1	1	02/06/09 06:27	1416421	423742	2.03	1.88		DDM	
220-7945-e-4	2	1	02/06/09 06:34	1344261	423742	1.88	1.88		DDM	
220-7945-e-4	3	1	02/06/09 06:40	1310915	423742	1.81	1.88		DDM	
220-7945-e-4	4	1	02/06/09 06:47	1306135	423742	1.80	1.88	1.88	DDM	
220-7945-e-5	1	1	02/06/09 07:05	1592896	423742	2.39	2.29		DDM	
220-7945-e-5	2	1	02/06/09 07:12	1551426	423742	2.30	2.29		DDM	
220-7945-e-5	3	1	02/06/09 07:19	1529747	423742	2.26	2.29		DDM	
220-7945-e-5	4	1	02/06/09 07:25	1510527	423742	2.22	2.29	2.29	DDM	
220-7945-e-6	1	1	02/06/09 07:43	925844	423742	1.02	0.92		DDM	
220-7945-e-6	2	1	02/06/09 07:50	875387	423742	0.92	0.92		DDM	
220-7945-e-6	3	1	02/06/09 07:56	858280	423742	0.89	0.92		DDM	
220-7945-e-6	4	1	02/06/09 08:03	841629	423742	0.85	0.92	0.92	DDM	
220-7945-e-7	1	1	02/06/09 08:24	8158435	423742	15.78	15.85		DDM	
220-7945-e-7	2	1	02/06/09 08:34	8280690	423742	16.03	15.85		DDM	
220-7945-e-7	3	1	02/06/09 08:43	8240166	423742	15.95	15.85		DDM	
220-7945-e-7	4	1	02/06/09 08:52	8075129	423742	15.61	15.85	15.85	DDM	
LCS@4	1	4	02/06/09 09:56	10888763	423742	21.36	21.06		DDM	
LCS@4	2	4	02/06/09 10:06	10628195	423742	20.82	21.06		DDM	
LCS@4	3	4	02/06/09 10:17	10724238	423742	21.02	21.06		DDM	
LCS@4	4	4	02/06/09 10:28	10732568	423742	21.04	21.06	84.24	DDM	T V = 82.2 mg/L
LCS@4	1	4	02/06/09 10:50	11072908	423742	21.73	21.21		DDM	
LCS@4	2	4	02/06/09 11:01	10767492	423742	21.11	21.21		DDM	
LCS@4	3	4	02/06/09 11:12	10668013	423742	20.91	21.21		DDM	
LCS@4	4	4	02/06/09 11:22	10767616	423742	21.11	21.21	84.85	DDM	T V = 82.2 mg/L
MB	1	1	02/06/09 11:37	243722	423742	-0.37	-0.42		DDM	
MB	2	1	02/06/09 11:40	211851	423742	-0.43	-0.42		DDM	
MB	3	1	02/06/09 11:43	205444	423742	-0.45	-0.42		DDM	
MB	4	1	02/06/09 11:47	200957	423742	-0.45	-0.42	-0.42	DDM	
220-7945-e-8	1	1	02/06/09 12:07	1597666	423742	2.40	1.88		DDM	
220-7945-e-8	2	1	02/06/09 12:15	1339700	423742	1.87	1.88		DDM	
220-7945-e-8	3	1	02/06/09 12:23	1259436	423742	1.71	1.88		DDM	
220-7945-e-8	4	1	02/06/09 12:31	1189476	423742	1.56	1.88	1.88	DDM	
220-7933-a-1@500	1	500	02/06/09 12:58	20168680	423742	40.29	39.55		DDM	
220-7933-a-1@500	2	500	02/06/09 13:13	19681187	423742	39.30	39.55		DDM	
220-7933-a-1@500	3	500	02/06/09 13:28	19858898	423742	39.66	39.55		DDM	
220-7933-a-1@500	4	500	02/06/09 13:43	19501964	423742	38.93	39.55	19773.35	DDM	
220-7933-a-2@200	1	200	02/06/09 14:03	4435524	423742	8.19	7.86		DDM	
220-7933-a-2@200	2	200	02/06/09 14:12	4231705	423742	7.77	7.86		DDM	
220-7933-a-2@200	3	200	02/06/09 14:21	4223677	423742	7.75	7.86		DDM	
220-7933-a-2@200	4	200	02/06/09 14:30	4202008	423742	7.71	7.86	1571.13	DDM	
CCV	1	1	02/06/09 14:50	5440785	423742	10.24	10.04		DDM	
CCV	2	1	02/06/09 14:59	5372647	423742	10.10	10.04		DDM	
CCV	3	1	02/06/09 15:07	5276072	423742	9.90	10.04		DDM	
CCV	4	1	02/06/09 15:15	5292683	423742	9.94	10.04	10.04	DDM	
CCB	1	1	02/06/09 15:30	223891	423742	-0.41	-0.44		DDM	
CCB	2	1	02/06/09 15:33	204034	423742	-0.45	-0.44		DDM	
CCB	3	1	02/06/09 15:36	202744	423742	-0.45	-0.44		DDM	
CCB	4	1	02/06/09 15:40	202109	423742	-0.45	-0.44	-0.44	DDM	
220-7933-a-3@200	1	200	02/06/09 16:04	4050396	423742	7.40	6.60		DDM	
220-7933-a-3@200	2	200	02/06/09 16:15	3653255	423742	6.59	6.60		DDM	
220-7933-a-3@200	3	200	02/06/09 16:26	3469415	423742	6.22	6.60		DDM	
220-7933-a-3@200	4	200	02/06/09 16:36	3458696	423742	6.19	6.60	1320.01	DDM	

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-7933-a-3 DU@200	1	200	02/06/09 17:00	4273194	423742	7.86	7.07		DDM	
220-7933-a-3 DU@200	2	200	02/06/09 17:10	3815907	423742	6.92	7.07		DDM	
220-7933-a-3 DU@200	3	200	02/06/09 17:21	3725219	423742	6.74	7.07		DDM	
220-7933-a-3 DU@200	4	200	02/06/09 17:31	3735942	423742	6.76	7.07	1413.73	DDM	
220-7933-a-3 MS@200	1	200	02/06/09 17:57	14504361	423742	28.73	27.69		DDM	
220-7933-a-3 MS@200	2	200	02/06/09 18:10	14136541	423742	27.98	27.69		DDM	
220-7933-a-3 MS@200	3	200	02/06/09 18:22	13690575	423742	27.07	27.69		DDM	
220-7933-a-3 MS@200	4	200	02/06/09 18:34	13644396	423742	26.98	27.69	5538.57	DDM	S A = 4000 mg/L
220-7933-a-4@500	1	500	02/06/09 18:54	3479749	423742	6.24	5.97		DDM	
220-7933-a-4@500	2	500	02/06/09 19:03	3381562	423742	6.04	5.97		DDM	
220-7933-a-4@500	3	500	02/06/09 19:12	3306194	423742	5.88	5.97		DDM	
220-7933-a-4@500	4	500	02/06/09 19:20	3225908	423742	5.72	5.97	2984.14	DDM	
220-7933-a-5@500	1	500	02/06/09 19:42	9316372	423742	18.15	17.65		DDM	
220-7933-a-5@500	2	500	02/06/09 19:51	9137102	423742	17.78	17.65		DDM	
220-7933-a-5@500	3	500	02/06/09 20:00	8995902	423742	17.49	17.65		DDM	
220-7933-a-5@500	4	500	02/06/09 20:09	8848175	423742	17.19	17.65	8826.71	DDM	
220-7933-a-6@500	1	500	02/06/09 20:32	10734178	423742	21.04	20.45		DDM	
220-7933-a-6@500	2	500	02/06/09 20:41	10443694	423742	20.45	20.45		DDM	
220-7933-a-6@500	3	500	02/06/09 20:51	10276149	423742	20.11	20.45		DDM	
220-7933-a-6@500	4	500	02/06/09 21:01	10325955	423742	20.21	20.45	10225.21	DDM	
220-7933-a-7@1000	1	1000	02/06/09 21:15	302896	423742	-0.25	-0.26		DDM	Rerun follows
220-7933-a-7@1000	2	1000	02/06/09 21:19	295116	423742	-0.26	-0.26		DDM	Rerun follows
220-7933-a-7@1000	3	1000	02/06/09 21:22	292922	423742	-0.27	-0.26		DDM	Rerun follows
220-7933-a-7@1000	4	1000	02/06/09 21:25	285712	423742	-0.28	-0.26		DDM	Rerun follows
CCV	1	1	02/06/09 21:45	5603150	423742	10.57	10.32		DDM	
CCV	2	1	02/06/09 21:53	5461544	423742	10.28	10.32		DDM	
CCV	3	1	02/06/09 22:01	5422135	423742	10.20	10.32		DDM	
CCV	4	1	02/06/09 22:10	5442387	423742	10.24	10.32	10.32	DDM	
CCB	1	1	02/06/09 22:24	319278	423742	-0.21	-0.25		DDM	
CCB	2	1	02/06/09 22:28	302701	423742	-0.25	-0.25		DDM	
CCB	3	1	02/06/09 22:31	294236	423742	-0.26	-0.25		DDM	
CCB	4	1	02/06/09 22:34	288308	423742	-0.28	-0.25	-0.25	DDM	
ID1	1	1	02/09/09 11:22	352441	423742	-0.15	-0.17		DDM	
ID1	2	1	02/09/09 11:25	336673	423742	-0.18	-0.17		DDM	
ID1	3	1	02/09/09 11:29	334501	423742	-0.18	-0.17		DDM	
ID1	4	1	02/09/09 11:32	330417	423742	-0.19	-0.17	-0.17	DDM	
CCV	1	1	02/09/09 11:52	5435320	423742	10.23	9.97		DDM	
CCV	2	1	02/09/09 12:00	5298651	423742	9.95	9.97		DDM	
CCV	3	1	02/09/09 12:08	5245567	423742	9.84	9.97		DDM	
CCV	4	1	02/09/09 12:17	5258890	423742	9.87	9.97	9.97	DDM	
CCB	1	1	02/09/09 12:32	335857	423742	-0.18	-0.22		DDM	
CCB	2	1	02/09/09 12:35	307922	423742	-0.24	-0.22		DDM	
CCB	3	1	02/09/09 12:38	311836	423742	-0.23	-0.22		DDM	
CCB	4	1	02/09/09 12:42	310968	423742	-0.23	-0.22	-0.22	DDM	
220-7933-a-7@100	1	100	02/09/09 12:56	279332	423742	-0.29	-0.27		DDM	Rerun follows
220-7933-a-7@100	2	100	02/09/09 13:00	295718	423742	-0.26	-0.27		DDM	Rerun follows
220-7933-a-7@100	3	100	02/09/09 13:03	293321	423742	-0.27	-0.27		DDM	Rerun follows
220-7933-a-7@100	4	100	02/09/09 13:06	295639	423742	-0.26	-0.27		DDM	Rerun follows
220-7933-a-7@40	1	40	02/09/09 13:21	279537	423742	-0.29	-0.27		DDM	
220-7933-a-7@40	2	40	02/09/09 13:24	292114	423742	-0.27	-0.27		DDM	
220-7933-a-7@40	3	40	02/09/09 13:28	293131	423742	-0.27	-0.27		DDM	
220-7933-a-7@40	4	40	02/09/09 13:31	293454	423742	-0.27	-0.27	-10.95	DDM	
CCV	1	1	02/09/09 13:51	4951832	423742	9.24	9.73		DDM	
CCV	2	1	02/09/09 13:59	5186317	423742	9.72	9.73		DDM	
CCV	3	1	02/09/09 14:08	5304816	423742	9.96	9.73		DDM	
CCV	4	1	02/09/09 14:17	5317806	423742	9.99	9.73	9.73	DDM	

Report # 090209 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: Date: 2/9/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

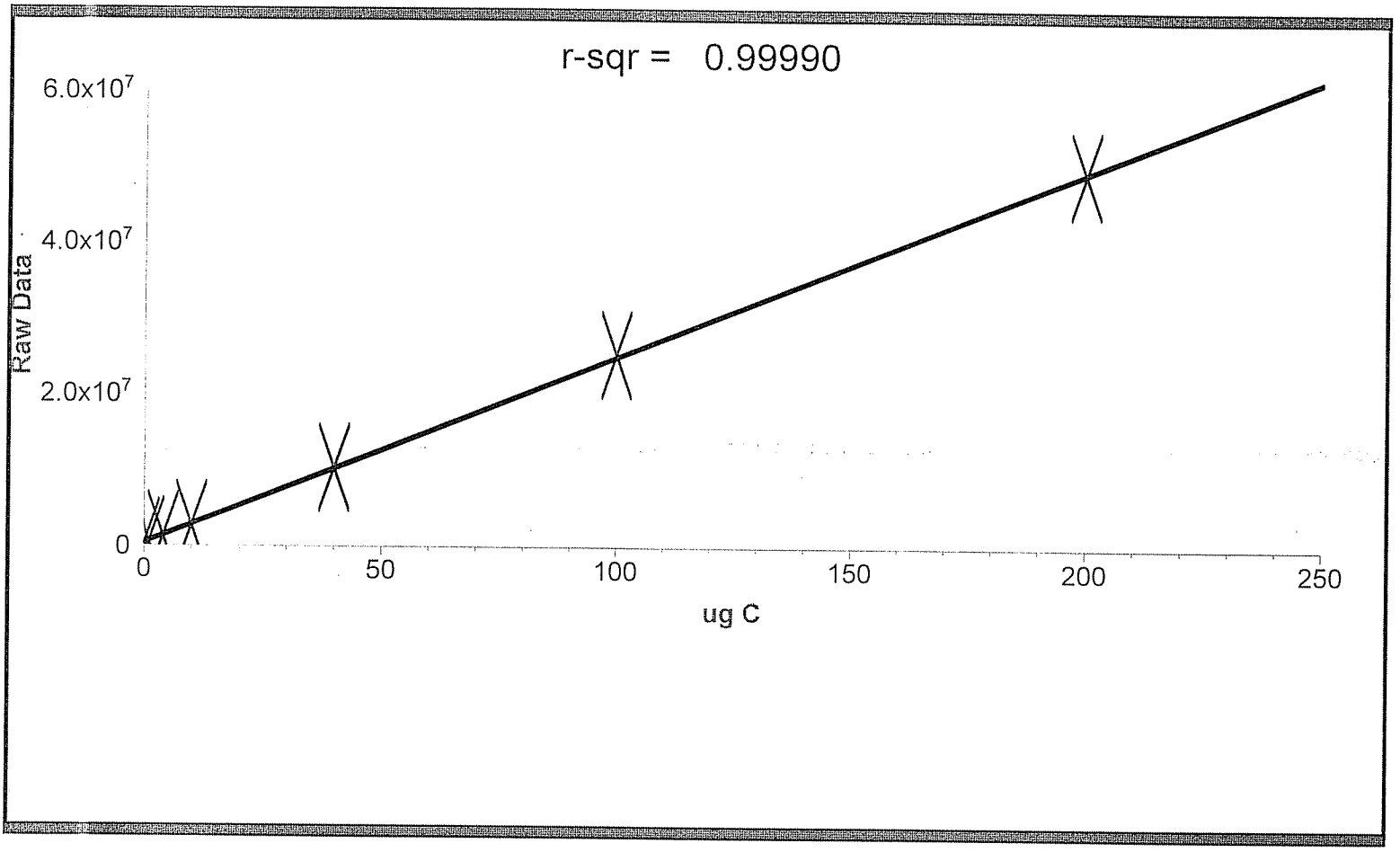
Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
CCB	1	1	02/09/09 14:31	308261	423742	-0.24	-0.27		DDM	
CCB	2	1	02/09/09 14:35	291864	423742	-0.27	-0.27		DDM	
CCB	3	1	02/09/09 14:38	285426	423742	-0.28	-0.27		DDM	
CCB	4	1	02/09/09 14:42	282871	423742	-0.29	-0.27	-0.27	DDM	

Calibration Report Print Date/Time: 2009/02/09 15:10:16
Instrument: TOC1/STLCT

Cal. Curve ID: WTOCSTDSTK_00007
Created: 2008/10/16 07:53
Calibration Factor (m): 2.450e+05
Y Intercept (b): 409859
r-squared: 0.99990

In Use	Standard ID	Y Raw Data	X Expected ug C/N	Measured ug C/N	Message	Date & Time
X	0.00 ppm	397052	0.000	-0.052		2008/10/15 15:58
X	0.50 ppm	569370	1.000	0.651		2008/10/15 16:27
X	2.00 ppm	1330565	4.000	3.758		2008/10/15 17:01
X	5.00 ppm	2757530	10.000	9.582		2008/10/15 17:42
X	20.0 ppm	10301221	40.000	40.371		2008/10/15 18:32
X	50.0 ppm	25272626	100.000	101.475		2008/10/15 19:38
X	100.0 ppm	49220384	200.000	199.216		2008/10/15 21:08

(Signatures)


r-sqr = 0.99990
6.0x10^7
4.0x10^7
2.0x10^7
0
Raw Data
0
50
100
150
200
250
ug C

General Chemistry Worksheet

Batch Number: 220-24090
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Feb 04 2009 3:00PM
Batch End: Feb 04 2009 5:05PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Calculation Message	Test_00001	VCLPIC_00001	WALKLCS_00029
7.00~BUFFER				20 mL	Titrant1Normality is blank			
RB-1				20 mL	Titrant1Normality is blank			
LCS~220-24090/3		2320B		20 mL	Titrant1Normality is blank			20 mL
RB~220-24090/4				20 mL	Titrant1Normality is blank	# L		
MB~220-24090/5		2320B		20 mL	Titrant1Normality is blank			
220-7945-B-1	MW-24	2320B	T	20 mL	Titrant1Normality is blank			
220-7945-B-1~DU		2320B	T	20 mL	Titrant1Normality is blank			
220-7945-B-2	MW-26S	2320B	T	20 mL	Titrant1Normality is blank			
220-7945-B-3	MW-30S	2320B	T	20 mL	Titrant1Normality is blank			
220-7945-B-4	MW-31S	2320B	T	20 mL	Titrant1Normality is blank			
220-7945-B-5	MW-33S	2320B	T	20 mL	Titrant1Normality is blank			
220-7945-B-6	MW-34S	2320B	T	20 mL	Titrant1Normality is blank			
RB~220-24090/13				20 mL	Titrant1Normality is blank		# %	
LCS~220-24090/14		2320B		20 mL	Titrant1Normality is blank	# L		20 mL
220-7945-B-7	MW-35S	2320B	T	20 mL	Titrant1Normality is blank			
220-7945-B-8	OW-4	2320B	T	20 mL	Titrant1Normality is blank			
RB~220-24090/17				20 mL	Titrant1Normality is blank		# %	
LCS~220-24090/18		2320B		20 mL	Titrant1Normality is blank		# %	20 mL

First Start time: 15:00
First End time: 17:05
Nominal Volume Used: 20 mL

General Chemistry Worksheet

Batch Number: 220-24090
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Feb 04 2009 3:00PM
Batch End: Feb 04 2009 5:05PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
7.00~BUFFER				
RB-1				
LCS~220-24090/3		2320B		
RB~220-24090/4				
MB~220-24090/5		2320B		
220-7945-B-1	MW-24	2320B	T	
220-7945-B-1~DU		2320B	T	
220-7945-B-2	MW-26S	2320B	T	
220-7945-B-3	MW-30S	2320B	T	
220-7945-B-4	MW-31S	2320B	T	
220-7945-B-5	MW-33S	2320B	T	
220-7945-B-6	MW-34S	2320B	T	
RB~220-24090/13				
LCS~220-24090/14		2320B		
220-7945-B-7	MW-35S	2320B	T	
220-7945-B-8	OW-4	2320B	T	
RB~220-24090/17				
LCS~220-24090/18		2320B		

Batch Comment: walklcs_00029

General Chemistry Worksheet

Batch Number: 220-24188
Method: 9060
Analyst: Madumadu, Dave

Date Open: Feb 05 2009 2:11PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00010
ICV~220-24188/1		9060		44 mL		0.22 mL
ICB~220-24188/2		9060		44 mL		
CCV~220-24188/3		9060		44 mL		0.22 mL
CCB~220-24188/4		9060		44 mL		
LCS~220-24188/5~^4		9060		44 mL	11 mL	
MB~220-24188/6		9060		44 mL		
220-7945-E-8	OW-4	9060	T	44 mL		
220-7933-A-1~^500	Kason Clarion Ni	9060	T	44 mL		
220-7933-A-2~^200	Service Lab Nimac 456	9060	T	44 mL		
CCV~220-24188/10		9060		44 mL		0.22 mL
CCB~220-24188/11		9060		44 mL		
220-7933-A-3~^200	Service Lab Nimac Hypore XL	9060	T	44 mL		
220-7933-A-3~DU~^200		9060	T	44 mL		
220-7933-A-3~MS~^200		9060	T	44 mL		0.44 mL
220-7933-A-4~^500	Service Lab Nimac Clarion II	9060	T	44 mL		
220-7933-A-5~^500	Valley Planting Tri MacCr	9060	T	44 mL		
220-7933-A-6~^500	Valley Planting Tri MacCr	9060	T	44 mL		
220-7933-A-7~^1000	Quality Rolling Barrett Sulfamate	9060	T	44 mL		
CCV~220-24188/19		9060		44 mL		0.22 mL
CCB~220-24188/20		9060		44 mL		
CCV~220-24188/21		9060		44 mL		0.22 mL
CCB~220-24188/22		9060		44 mL		
220-7933-A-7~^100	Quality Rolling Barrett Sulfamate	9060	T	44 mL		
220-7933-A-7~^40	Quality Rolling Barrett Sulfamate	9060	T	44 mL		
CCV~220-24188/25		9060		44 mL		0.22 mL

General Chemistry Worksheet

Batch Number: 220-24188
Method: 9060
Analyst: Madumadu, Dave

Date Open: Feb 05 2009 2:11PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00010
CCB~220-24188/26		9060		44 mL		

General Chemistry Worksheet

Batch Number: 220-24189
Method: 9060
Analyst: Madumadu, Dave

Date Open: Feb 05 2009 2:11PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00010
ICV~220-24189/1		5310C		44 mL		0.22 mL
ICB~220-24189/2		5310C		44 mL		
CCV~220-24189/3		5310C		44 mL		0.22 mL
CCB~220-24189/4		5310C		44 mL		
MB~220-24189/5		5310C		44 mL		
220-7919-D-1	IOW-1	5310C	T	44 mL		
220-7919-D-2	MW06-24BR	5310C	T	44 mL		
220-7919-D-3	IOW-3	5310C	T	44 mL		
220-7919-D-4	MW-7	5310C	T	44 mL		
220-7919-D-5	MW-3	5310C	T	44 mL		
220-7919-D-6	MW07-27BR	5310C	T	44 mL		
220-7919-E-6~DU		5310C	T	44 mL		
220-7919-D-6~MS	MW07-27BR	5310C	T	44 mL		0.44 mL
CCV~220-24189/14		5310C		44 mL		0.22 mL
CCB~220-24189/15		5310C		44 mL		
220-7919-D-6~MSD	MW07-27BR	5310C	T	44 mL		0.44 mL
220-7919-D-7	MW06-25BR	5310C	T	44 mL		
220-7919-D-8	Duplicate	5310C	T	44 mL		
220-7919-D-9	MW-2	5310C	T	44 mL		
220-7919-D-10	IOW-2	5310C	T	44 mL		
220-7919-D-11	IOW-4	5310C	T	44 mL		
220-7919-D-12	MW08-29BR	5310C	T	44 mL		
220-7919-D-13	MW06-19OB	5310C	T	44 mL		
220-7945-E-1	MW-24	9060	T	44 mL		
220-7945-E-2	MW-26S	9060	T	44 mL		

General Chemistry Worksheet

Batch Number: 220-24189
Method: 9060
Analyst: Madumadu, Dave

Date Open: Feb 05 2009 2:11PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00010
CCV~220-24189/26		5310C		44 mL		0.22 mL
CCB~220-24189/27		5310C		44 mL		
220-7945-E-3	MW-30S	9060	T	44 mL		
220-7945-E-4	MW-31S	9060	T	44 mL		
220-7945-E-5	MW-33S	9060	T	44 mL		
220-7945-E-6	MW-34S	9060	T	44 mL		
220-7945-E-7	MW-35S	9060	T	44 mL		
LCS~220-24189/33~^4		5310C		44 mL	11 mL	
CCV~220-24189/34		9060		44 mL		0.22 mL
CCB~220-24189/35		9060		44 mL		

MISCELLANEOUS DATA

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

7945

TAL-0015 (0508)

Client	Project Manager	Date	Chain of Custody Number
Roux Associates	Chris Proce	2/2/09	014498

Address	Telephone Number (Area Code)/Fax Number/e-mail address	Field Telephone Number	Page
209 Shafter St	631-232-2600/9898/cproce@rouxinc.com	631-831-4205	Page 1 of 1

City	State	Zip Code	Site Contact	Lab Contact
Islandia	NY	11749	Jessica Diminich	J. Dunancik

Project Name and Location (State): MBA-Thypin/Monarhaven (NY)

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

Contract/Purchase Order/Project No.: 0771.0001Y000

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Matrix: Solid	Matrix: Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis: MOD Fe,Mn 1601CB	Analysis: Full VOCs 8260B TIC Quant	Analysis: Alkalinity 2320B	Analysis: Lab Filtered Fe,Mn 6010B	Comments
1 MW-24	2/2/09	0958	X			1	2	1	2				✓	✓	✓	✓	
2 MW-26S		1115	X			1	2	1	2				✓	✓	✓	✓	
3 MW-30S		1220	X			1	2	1	2				✓	✓	✓	✓	
4 MW-31S		1320	X			1	2	1	2				✓	✓	✓	✓	
5 MW-33S		1150	X			1	2	1	2				✓	✓	✓	✓	
6 MW-34S		0920	X			1	2	1	2				✓	✓	✓	✓	
7 MW-35S		0900	X			1	2	1	2				✓	✓	✓	✓	
8 OW-4		1040	X			1	2	1	2				✓	✓	✓	✓	
9 DUP-020209		1000	X						2					✓			
10 FB-020209	2/2/09	0830	X						2					✓			

Page 66 of 81

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other Standard

State Regulatory QC Requirements

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	2/2/09	14:35	[signature] TA CT	2/3/09	945
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Received By	Date	Time	Cooler Temps	Passed Rad Screen (Lab Use Only)	
			-0.4°C	☑ Yes ☐ No	

Comments: LAB Filter for Fe,Mn (unpreserved) and Alkalinity in same 500 mL jar.

02/18/2009

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

TestAmerica - Connecticut
Internal Chain-of-Custody

220-7945
RWX - MBA Thypin / Manorhaven

Trip Blank:

QC: Air:

FB: 10

Soil: Water: 1-10

Date Received: 2/3/09

Sample #s: 1-10

Locations: 90B, R-1GG, TOC 1

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1-7			2/4	1025	1TR		LB	2/4	1420
1/8	LB		2/4	14:15	ALK		LB	2/4	14:50
1/8	LB		2/5/09	1500	TOC	USES			→
8	LB		2/9	1125	1TR		LB	2/9	1245
1-10	LB		2/10	13:15	VOH				
1-8	LB		2/10	1358	1TR		LB	2/10	1705
1-10	LB		2/11	10:00	VOA				
8,9,10	LB		2/12	14:00	VOA				

ESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:

Client:

Client Project:

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Initials	Date
7945- 01	HNO3	<2	N/A	N/A	N/A	KB	2/3/09
02		<2					
03		<2					
04		<2					
05		<2					
06		<2					
07		<2					
08		<2					
(KB) 09 ~~2/3/09~~ 1							

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TESTAMERICA CONNECTICUT - CHAIN OF CUSTODY
ATOMIC SPECTROSCOPY DEPARTMENT

Job Number: 7945 **Sample Numbers:** 1-7, 8

Prep Batch Number: 24077, 24177, 24277

WATER - SOIL - SLUDGE - TCLP/SPLP

I confirm that I have performed the preparation below following SOP guidelines and authorize the transfer of these digestates to the metals instrument lab.:

Sample Prep:

Analysts	2/4/09 Date(s)	**ICP**
Analysts	Date(s)	**Mercury**

I confirm that I have performed the analysis below following SOP guidelines:

Analysis:

Analysts	2/6/09 Date(s)	**ICP**
Chemist	Date(s)	**Mercury**

I have reviewed and authorized the release of the job:

Complete: Supervisor 2/6/09 Date

QAF02602.CT

Login Sample Receipt Check List

Client: Roux Associates, Inc.

Job Number: 220-7945-1
SDG Number: 220-7945-1

Login Number: 7945
List Source: TestAmerica Connecticut
Creator: Blocker, Kristina
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-8033-1

SDG Number: 220-8033

Job Description: 0771.0001Y000 MBA-Thypin/Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Chris Proce

Approved for release.
Joan Widomski
2/26/2009 1:10 PM

Designee for
Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
02/26/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Case Narrative for Job: 220-8033-1

Client: Roux Associates, Inc.
Date: February 26, 2009

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Lawrence Decker
Laboratory Director

February 26, 2009
Date

Job Narrative
220-J8033-1

Comments
No additional comments.

Receipt
The following sample was received with insufficient preservation: OW-3 (220-8033-1). The plastic 500ml HNO3 preserved bottle was received at a pH of 6. 2mLs of additional HNO3 preservative was added by the laboratory, resulting in a pH of 5.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

QUALITY CONTROL NARRATIVE

TestAmerica Connecticut adheres to a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-8033-1	OW-3	Water	02/11/2009 0910	02/12/2009 0955
220-8033-2	OW-5	Water	02/11/2009 0910	02/12/2009 0955
220-8033-3	OW-6	Water	02/11/2009 1005	02/12/2009 0955
220-8033-4	OW-7	Water	02/11/2009 1003	02/12/2009 0955
220-8033-5	MW-26I	Water	02/11/2009 1140	02/12/2009 0955
220-8033-6	MW-30I	Water	02/11/2009 1230	02/12/2009 0955
220-8033-7	MW-31I	Water	02/11/2009 1235	02/12/2009 0955
220-8033-8	MW-33I	Water	02/11/2009 1145	02/12/2009 0955
220-8033-9	MW-34I	Water	02/11/2009 1050	02/12/2009 0955
220-8033-10	MW-35I	Water	02/11/2009 1050	02/12/2009 0955
220-8033-11	DUP-021109	Water	02/11/2009 1000	02/12/2009 0955
220-8033-12FB	FB-021109	Water	02/11/2009 0900	02/12/2009 0955

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8033-1	**OW-3**					
Bromoform		0.85	J	5.0	ug/L	8260B
Methyl Ethyl Ketone		3.7	J *	10	ug/L	8260B
Dibromochloromethane		0.64	J	5.0	ug/L	8260B
Tetrachloroethene		1.3	J	5.0	ug/L	8260B
Trichloroethene		8.4		5.0	ug/L	8260B
Iron		32900		2500	ug/L	6010B
Manganese		1200		150	ug/L	6010B
Total Organic Carbon - Quad		6.7		1.0	mg/L	9060
Alkalinity		4080		2.0	mg/L	SM 2320B
Dissolved						
Iron		3300		2500	ug/L	6010B
Manganese		260		150	ug/L	6010B
220-8033-2	**OW-5**					
1,1-Dichloroethene		17		5.0	ug/L	8260B
Tetrachloroethene		1.1	J	5.0	ug/L	8260B
Trichloroethene		1100		100	ug/L	8260B
Vinyl chloride		11		5.0	ug/L	8260B
cis-1,2-Dichloroethene		48		5.0	ug/L	8260B
trans-1,2-Dichloroethene		0.85	J	5.0	ug/L	8260B
Iron		110	J	250	ug/L	6010B
Manganese		3800		15	ug/L	6010B
Total Organic Carbon - Quad		5.3		1.0	mg/L	9060
Alkalinity		273		2.0	mg/L	SM 2320B
Dissolved						
Iron		120	J	250	ug/L	6010B
Manganese		3600		15	ug/L	6010B
220-8033-3	**OW-6**					
1,1-Dichloroethene		4.9	J	5.0	ug/L	8260B
Tetrachloroethene		1.0	J	5.0	ug/L	8260B
Trichloroethene		1000		100	ug/L	8260B
Vinyl chloride		2.2	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		33		5.0	ug/L	8260B
Iron		320		250	ug/L	6010B
Manganese		1700		15	ug/L	6010B
Total Organic Carbon - Quad		3.7		1.0	mg/L	9060
Alkalinity		261		2.0	mg/L	SM 2320B
Dissolved						
Manganese		1600		15	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8033-4	**OW-7**					
Tetrachloroethene		0.88	J	5.0	ug/L	8260B
Trichloroethene		110		10	ug/L	8260B
cis-1,2-Dichloroethene		120		10	ug/L	8260B
trans-1,2-Dichloroethene		1.7	J	5.0	ug/L	8260B
Iron		610		250	ug/L	6010B
Manganese		89		15	ug/L	6010B
Total Organic Carbon - Quad		1.3		1.0	mg/L	9060
Alkalinity		162		2.0	mg/L	SM 2320B
Dissolved						
Manganese		3.8	J	15	ug/L	6010B
220-8033-5	**MW-26I**					
1,1-Dichloroethene		2.6	J	10	ug/L	8260B
Tetrachloroethene		2.2	J	10	ug/L	8260B
Trichloroethene		1100		100	ug/L	8260B
cis-1,2-Dichloroethene		270		100	ug/L	8260B
trans-1,2-Dichloroethene		4.2	J	10	ug/L	8260B
Iron		4700		250	ug/L	6010B
Manganese		500		15	ug/L	6010B
Alkalinity		144		2.0	mg/L	SM 2320B
Dissolved						
Manganese		390		15	ug/L	6010B
220-8033-6	**MW-30I**					
Trichloroethene		88		5.0	ug/L	8260B
cis-1,2-Dichloroethene		5.4		5.0	ug/L	8260B
Iron		150	J	250	ug/L	6010B
Manganese		220		15	ug/L	6010B
Total Organic Carbon - Quad		2.8		1.0	mg/L	9060
Alkalinity		101		2.0	mg/L	SM 2320B
Dissolved						
Manganese		110		15	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8033-7	**MW-31I**					
Tetrachloroethene		2.4	J	5.0	ug/L	8260B
1,1,1-Trichloroethane		4.1	J	5.0	ug/L	8260B
Trichloroethene		12		5.0	ug/L	8260B
cis-1,2-Dichloroethene		2.4	J	5.0	ug/L	8260B
Iron		13100		250	ug/L	6010B
Manganese		140		15	ug/L	6010B
Total Organic Carbon - Quad		0.46	J	1.0	mg/L	9060
Alkalinity		140		2.0	mg/L	SM 2320B
Dissolved						
Manganese		74		15	ug/L	6010B
220-8033-8	**MW-33I**					
Trichloroethene		2.3	J	5.0	ug/L	8260B
Iron		4800		250	ug/L	6010B
Manganese		940		15	ug/L	6010B
Alkalinity		112		2.0	mg/L	SM 2320B
Dissolved						
Manganese		590		15	ug/L	6010B
220-8033-9	**MW-34I**					
1,1-Dichloroethene		53	J	100	ug/L	8260B
Methylene Chloride		17	J	100	ug/L	8260B
Trichloroethene		5700		500	ug/L	8260B
Vinyl chloride		24	J	100	ug/L	8260B
cis-1,2-Dichloroethene		180		100	ug/L	8260B
Iron		860		250	ug/L	6010B
Manganese		10300		15	ug/L	6010B
Total Organic Carbon - Quad		0.44	J	1.0	mg/L	9060
Alkalinity		259		2.0	mg/L	SM 2320B
Dissolved						
Manganese		10100		15	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8033-10	**MW-35I**					
Trichloroethene		2900		200	ug/L	8260B
cis-1,2-Dichloroethene		10	J	20	ug/L	8260B
Iron		1400		250	ug/L	6010B
Manganese		1200		15	ug/L	6010B
Alkalinity		140		2.0	mg/L	SM 2320B
Dissolved						
Manganese		250		15	ug/L	6010B
220-8033-11	**DUP-021109**					
Bromoform		0.98	J	5.0	ug/L	8260B
Methyl Ethyl Ketone		1.9	J	10	ug/L	8260B
Dibromochloromethane		0.81	J	5.0	ug/L	8260B
Trichloroethene		7.5		5.0	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Metals (ICP)	TAL CT	SW846 6010B	
Sample Filtration	TAL CT		FILTRATION
Preparation, Total Metals	TAL CT		SW846 3010A
Organic Carbon, Total (TOC)	TAL CT	SW846 9060	
Alkalinity	TAL CT	SM SM 2320B	

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK
SW846 6010B	Petronchak, Nestor	NP
SW846 9060	Madumadu, Dave	DM
SM SM 2320B	Mendoza, Julia	JM

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-3

Lab Sample ID: 220-8033-1
Client Matrix: Water

Date Sampled: 02/11/2009 0910
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/20/2009 1926
Date Prepared: 02/20/2009 1926

Analysis Batch: 220-24545

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3162.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	0.85	J	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	3.7	J *	1.1	10
Carbon disulfide	5.0	U *	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	0.64	J	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.3	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	8.4		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	53 - 125
4-Bromofluorobenzene	81	73 - 127
Dibromofluoromethane	103	54 - 137
Toluene-d8 (Surr)	98	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-5

Lab Sample ID: 220-8033-2
Client Matrix: Water

Date Sampled: 02/11/2009 0910
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/18/2009 1920
Date Prepared: 02/18/2009 1920

Analysis Batch: 220-24434

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3093.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U *	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	17		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.1	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	11		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	48		0.99	5.0
trans-1,2-Dichloroethene	0.85	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	53 - 125
4-Bromofluorobenzene	73	73 - 127
Dibromofluoromethane	83	54 - 137
Toluene-d8 (Surr)	87	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-5

Lab Sample ID: 220-8033-2
Client Matrix: Water

Date Sampled: 02/11/2009 0910
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/20/2009 2026
Date Prepared: 02/20/2009 2026

Analysis Batch: 220-24545

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3164.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1100		12	100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	53 - 125
4-Bromofluorobenzene	76	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	92	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-6

Lab Sample ID: 220-8033-3
Client Matrix: Water

Date Sampled: 02/11/2009 1005
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/18/2009 2019
Date Prepared: 02/18/2009 2019

Analysis Batch: 220-24434

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3095.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U *	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	4.9	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.0	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	2.2	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	33		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	53 - 125
4-Bromofluorobenzene	79	73 - 127
Dibromofluoromethane	90	54 - 137
Toluene-d8 (Surr)	93	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-6

Lab Sample ID: 220-8033-3
Client Matrix: Water

Date Sampled: 02/11/2009 1005
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/20/2009 2055
Date Prepared: 02/20/2009 2055

Analysis Batch: 220-24545

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3165.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1000		12	100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	53 - 125
4-Bromofluorobenzene	78	73 - 127
Dibromofluoromethane	98	54 - 137
Toluene-d8 (Surr)	93	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-7

Lab Sample ID: 220-8033-4
Client Matrix: Water

Date Sampled: 02/11/2009 1003
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/18/2009 1949
Date Prepared: 02/18/2009 1949

Analysis Batch: 220-24434

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3094.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U *	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U *	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	0.88	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
trans-1,2-Dichloroethene	1.7	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	53 - 125
4-Bromofluorobenzene	101	73 - 127
Dibromofluoromethane	114	54 - 137
Toluene-d8 (Surr)	117	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-7

Lab Sample ID: 220-8033-4
Client Matrix: Water

Date Sampled: 02/11/2009 1003
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 02/20/2009 1956
Date Prepared: 02/20/2009 1956

Analysis Batch: 220-24545

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3163.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	110		1.2	10
cis-1,2-Dichloroethene	120		2.0	10

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	53 - 125
4-Bromofluorobenzene	77	73 - 127
Dibromofluoromethane	98	54 - 137
Toluene-d8 (Surr)	92	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-26I

Lab Sample ID: 220-8033-5
Client Matrix: Water

Date Sampled: 02/11/2009 1140
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 02/25/2009 1254
Date Prepared: 02/25/2009 1254

Analysis Batch: 220-24624

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2031.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	20	U	2.1	20
Benzene	10	U	1.5	10
Bromodichloromethane	10	U	0.96	10
Bromoform	10	U	0.92	10
Bromomethane	10	U	4.2	10
Methyl Ethyl Ketone	20	U	2.2	20
Carbon disulfide	10	U	1.8	10
Carbon tetrachloride	10	U	2.1	10
Chlorobenzene	10	U	1.4	10
Chloroethane	10	U	2.1	10
Chloroform	10	U	1.3	10
Chloromethane	10	U	2.2	10
Dibromochloromethane	10	U	1.1	10
1,1-Dichloroethane	10	U	2.1	10
1,2-Dichloroethane	10	U	1.4	10
1,1-Dichloroethene	2.6	J	1.7	10
1,2-Dichloropropane	10	U	1.4	10
cis-1,3-Dichloropropene	10	U	0.56	10
trans-1,3-Dichloropropene	10	U	1.1	10
Ethylbenzene	10	U	1.7	10
2-Hexanone	20	U	2.2	20
Methylene Chloride	10	U	1.6	10
methyl isobutyl ketone	20	U	0.76	20
Styrene	10	U	1.3	10
1,1,2,2-Tetrachloroethane	10	U	1.6	10
Tetrachloroethene	2.2	J	1.6	10
Toluene	10	U	1.4	10
1,1,1-Trichloroethane	10	U	1.4	10
1,1,2-Trichloroethane	10	U	1.3	10
Vinyl chloride	10	U	2.0	10
Xylenes, Total	10	U	4.5	10
trans-1,2-Dichloroethene	4.2	J	1.5	10

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	101	54 - 137
Toluene-d8 (Surr)	91	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-26I

Lab Sample ID: 220-8033-5
Client Matrix: Water

Date Sampled: 02/11/2009 1140
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/25/2009 1201
Date Prepared: 02/25/2009 1201

Analysis Batch: 220-24624

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2029.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1100		12	100
cis-1,2-Dichloroethene	270		20	100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	53 - 125
4-Bromofluorobenzene	90	73 - 127
Dibromofluoromethane	102	54 - 137
Toluene-d8 (Surr)	92	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: **MW-30I**

Lab Sample ID: 220-8033-6
Client Matrix: Water

Date Sampled: 02/11/2009 1230
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/23/2009 2046
Date Prepared: 02/23/2009 2046

Analysis Batch: 220-24589

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1971.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U *	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	88		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.4		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	53 - 125
4-Bromofluorobenzene	81	73 - 127
Dibromofluoromethane	106	54 - 137
Toluene-d8 (Surr)	86	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: **MW-31I**

Lab Sample ID: 220-8033-7
Client Matrix: Water

Date Sampled: 02/11/2009 1235
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/23/2009 2112
Date Prepared: 02/23/2009 2112

Analysis Batch: 220-24589

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1972.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U *	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	2.4	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	4.1	J	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	12		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	2.4	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	53 - 125
4-Bromofluorobenzene	84	73 - 127
Dibromofluoromethane	107	54 - 137
Toluene-d8 (Surr)	88	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: **MW-33I**

Lab Sample ID: 220-8033-8
Client Matrix: Water

Date Sampled: 02/11/2009 1145
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/23/2009 2231
Date Prepared: 02/23/2009 2231

Analysis Batch: 220-24589

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1975.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U *	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	2.3	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	53 - 125
4-Bromofluorobenzene	84	73 - 127
Dibromofluoromethane	108	54 - 137
Toluene-d8 (Surr)	87	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-34I

Lab Sample ID: 220-8033-9
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 02/23/2009 2138
Date Prepared: 02/23/2009 2138

Analysis Batch: 220-24589

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1973.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	200	U	21	200
Benzene	100	U	15	100
Bromodichloromethane	100	U	9.6	100
Bromoform	100	U	9.2	100
Bromomethane	100	U	42	100
Methyl Ethyl Ketone	200	U	22	200
Carbon disulfide	100	U	18	100
Carbon tetrachloride	100	U	21	100
Chlorobenzene	100	U	14	100
Chloroethane	100	U	21	100
Chloroform	100	U	13	100
Chloromethane	100	U	22	100
Dibromochloromethane	100	U	11	100
1,1-Dichloroethane	100	U	21	100
1,2-Dichloroethane	100	U *	14	100
1,1-Dichloroethene	53	J	17	100
1,2-Dichloropropane	100	U	14	100
cis-1,3-Dichloropropene	100	U	5.6	100
trans-1,3-Dichloropropene	100	U	11	100
Ethylbenzene	100	U	17	100
2-Hexanone	200	U	22	200
Methylene Chloride	17	J	16	100
methyl isobutyl ketone	200	U	7.6	200
Styrene	100	U	13	100
1,1,2,2-Tetrachloroethane	100	U	16	100
Tetrachloroethene	100	U	16	100
Toluene	100	U	14	100
1,1,1-Trichloroethane	100	U	14	100
1,1,2-Trichloroethane	100	U	13	100
Vinyl chloride	24	J	20	100
Xylenes, Total	100	U	45	100
cis-1,2-Dichloroethene	180		20	100
trans-1,2-Dichloroethene	100	U	15	100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123	53 - 125
4-Bromofluorobenzene	82	73 - 127
Dibromofluoromethane	106	54 - 137
Toluene-d8 (Surr)	87	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-34I

Lab Sample ID: 220-8033-9
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 02/24/2009 1931
Date Prepared: 02/24/2009 1931

Analysis Batch: 220-24575

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2010.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	5700		62	500

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	100	54 - 137
Toluene-d8 (Surr)	91	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: **MW-35I**

Lab Sample ID: 220-8033-10
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 02/23/2009 2205
Date Prepared: 02/23/2009 2205

Analysis Batch: 220-24589

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1974.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	40	U	4.1	40
Benzene	20	U	3.0	20
Bromodichloromethane	20	U	1.9	20
Bromoform	20	U	1.8	20
Bromomethane	20	U	8.5	20
Methyl Ethyl Ketone	40	U	4.4	40
Carbon disulfide	20	U	3.6	20
Carbon tetrachloride	20	U	4.3	20
Chlorobenzene	20	U	2.9	20
Chloroethane	20	U	4.2	20
Chloroform	20	U	2.7	20
Chloromethane	20	U	4.4	20
Dibromochloromethane	20	U	2.2	20
1,1-Dichloroethane	20	U	4.1	20
1,2-Dichloroethane	20	U *	2.9	20
1,1-Dichloroethene	20	U	3.3	20
1,2-Dichloropropane	20	U	2.8	20
cis-1,3-Dichloropropene	20	U	1.1	20
trans-1,3-Dichloropropene	20	U	2.3	20
Ethylbenzene	20	U	3.5	20
2-Hexanone	40	U	4.4	40
Methylene Chloride	20	U	3.1	20
methyl isobutyl ketone	40	U	1.5	40
Styrene	20	U	2.6	20
1,1,2,2-Tetrachloroethane	20	U	3.2	20
Tetrachloroethene	20	U	3.2	20
Toluene	20	U	2.9	20
1,1,1-Trichloroethane	20	U	2.8	20
1,1,2-Trichloroethane	20	U	2.6	20
Vinyl chloride	20	U	4.0	20
Xylenes, Total	20	U	9.1	20
cis-1,2-Dichloroethene	10	J	4.0	20
trans-1,2-Dichloroethene	20	U	3.0	20

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	53 - 125
4-Bromofluorobenzene	82	73 - 127
Dibromofluoromethane	103	54 - 137
Toluene-d8 (Surr)	88	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-35I

Lab Sample ID: 220-8033-10
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 40
Date Analyzed: 02/24/2009 1957
Date Prepared: 02/24/2009 1957

Analysis Batch: 220-24575

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2011.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	2900		25	200

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	53 - 125
4-Bromofluorobenzene	85	73 - 127
Dibromofluoromethane	100	54 - 137
Toluene-d8 (Surr)	91	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: **DUP-021109**

Lab Sample ID: 220-8033-11
Client Matrix: Water

Date Sampled: 02/11/2009 1000
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/24/2009 1838
Date Prepared: 02/24/2009 1838

Analysis Batch: 220-24575

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2008.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	0.98	J	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	1.9	J	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	0.81	J	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	7.5		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	97	54 - 137
Toluene-d8 (Surr)	90	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: FB-021109

Lab Sample ID: 220-8033-12FB
Client Matrix: Water

Date Sampled: 02/11/2009 0900
Date Received: 02/12/2009 0955

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 02/24/2009 1904
Date Prepared: 02/24/2009 1904

Analysis Batch: 220-24575

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2009.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	100	54 - 137
Toluene-d8 (Surr)	91	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-3

Lab Sample ID: 220-8033-1
Client Matrix: Water

Date Sampled: 02/11/2009 0910
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/18/2009 1251
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396

Instrument ID: TJA Trace ICAP
Lab File ID: W021809
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	32900		620	2500
Manganese	1200		23	150

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1439
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 5 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	3300		620	2500
Manganese	260		23	150

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-5

Lab Sample ID: 220-8033-2
Client Matrix: Water

Date Sampled: 02/11/2009 0910
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/18/2009 1308
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396

Instrument ID: TJA Trace ICAP
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	110	J	62	250
Manganese	3800		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1449
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	J	62	250
Manganese	3600		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-6

Lab Sample ID: 220-8033-3
Client Matrix: Water

Date Sampled: 02/11/2009 1005
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/18/2009 1314
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396

Instrument ID: TJA Trace ICAP
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	320		62	250
Manganese	1700		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1452
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	1600		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: OW-7

Lab Sample ID: 220-8033-4
Client Matrix: Water

Date Sampled: 02/11/2009 1003
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/18/2009 1320
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396

Instrument ID: TJA Trace ICAP
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	610		62	250
Manganese	89		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1455
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	3.8	J	2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-26I

Lab Sample ID: 220-8033-5
Client Matrix: Water

Date Sampled: 02/11/2009 1140
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/18/2009 1325
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396

Instrument ID: TJA Trace ICAP
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	4700		62	250
Manganese	500		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1459
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	390		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-30I

Lab Sample ID: 220-8033-6
Client Matrix: Water

Date Sampled: 02/11/2009 1230
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/18/2009 1335
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396

Instrument ID: TJA Trace ICAP
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	150	J	62	250
Manganese	220		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1502
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	110		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-31I

Lab Sample ID: 220-8033-7
Client Matrix: Water

Date Sampled: 02/11/2009 1235
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1548
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24514
Prep Batch: 220-24419

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	13100		62	250
Manganese	140		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1505
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	74		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-33I

Lab Sample ID: 220-8033-8
Client Matrix: Water

Date Sampled: 02/11/2009 1145
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1608
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24514
Prep Batch: 220-24419

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	4800		62	250
Manganese	940		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1509
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	590		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-34I

Lab Sample ID: 220-8033-9
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1611
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24514
Prep Batch: 220-24419

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	860		62	250
Manganese	10300		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1512
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	10100		2.3	15

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Client Sample ID: MW-35I

Lab Sample ID: 220-8033-10
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/18/2009 1641
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24446
Prep Batch: 220-24419

Instrument ID: TJA Trace ICAP
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1400		62	250
Manganese	1200		2.3	15

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 02/20/2009 1515
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	250	U	62	250
Manganese	250		2.3	15

General Chemistry

Client Sample ID: OW-3

Lab Sample ID: 220-8033-1
Client Matrix: Water

Date Sampled: 02/11/2009 0910
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	4080		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1406				
Total Organic Carbon - Quad	6.7		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/17/2009 2016				

Client Sample ID: OW-5

Lab Sample ID: 220-8033-2
Client Matrix: Water

Date Sampled: 02/11/2009 0910
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	273		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1413				
Total Organic Carbon - Quad	5.3		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/17/2009 2056				

Client Sample ID: OW-6

Lab Sample ID: 220-8033-3
Client Matrix: Water

Date Sampled: 02/11/2009 1005
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	261		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1428				
Total Organic Carbon - Quad	3.7		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/17/2009 2307				

General Chemistry

Client Sample ID: OW-7

Lab Sample ID: 220-8033-4
Client Matrix: Water

Date Sampled: 02/11/2009 1003
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	162		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1435				
Total Organic Carbon - Quad	1.3		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/17/2009 2345				

Client Sample ID: MW-26I

Lab Sample ID: 220-8033-5
Client Matrix: Water

Date Sampled: 02/11/2009 1140
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	144		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1442				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/18/2009 0020				

Client Sample ID: MW-30I

Lab Sample ID: 220-8033-6
Client Matrix: Water

Date Sampled: 02/11/2009 1230
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	101		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1502				
Total Organic Carbon - Quad	2.8		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/18/2009 0048				

Client Sample ID: MW-31I

Lab Sample ID: 220-8033-7
Client Matrix: Water

Date Sampled: 02/11/2009 1235
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	140		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1509				
Total Organic Carbon - Quad	0.46	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/18/2009 0237				

General Chemistry

Client Sample ID: MW-33I

Lab Sample ID: 220-8033-8
Client Matrix: Water

Date Sampled: 02/11/2009 1145
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	112		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1516				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/18/2009 0306				

Client Sample ID: MW-34I

Lab Sample ID: 220-8033-9
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	259		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1523				
Total Organic Carbon - Quad	0.44	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/18/2009 0340				

Client Sample ID: MW-35I

Lab Sample ID: 220-8033-10
Client Matrix: Water

Date Sampled: 02/11/2009 1050
Date Received: 02/12/2009 0955

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	140		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-24327	Date Analyzed		02/13/2009 1530				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-24587	Date Analyzed		02/18/2009 0405				

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
220-8033-1	OW-3	103	98	98	81
220-8033-2	OW-5	83	80	87	73
220-8033-2	OW-5	95	90	92	76
220-8033-3	OW-6	90	88	93	79
220-8033-3	OW-6	98	93	93	78
220-8033-4	OW-7	114	111	117	101
220-8033-4	OW-7	98	93	92	77
220-8033-5	MW-26I	102	119	92	90
220-8033-5	MW-26I	101	117	91	89
220-8033-6	MW-30I	106	125	86	81
220-8033-7	MW-31I	107	123	88	84
220-8033-8	MW-33I	108	125	87	84
220-8033-9	MW-34I	106	123	87	82
220-8033-9	MW-34I	100	109	91	86
220-8033-10	MW-35I	103	122	88	82
220-8033-10	MW-35I	100	111	91	85
220-8033-11	DUP-021109	97	108	90	86
220-8033-12	FB-021109	100	109	91	87
MB 220-24434/3		91	89	95	82
MB 220-24545/3		117	107	114	102
MB 220-24575/3		105	122	91	90
MB 220-24589/3		110	125	97	94
MB 220-24624/3		102	119	91	89
LCS 220-24434/2		87	84	91	73
LCS 220-24545/2		115	103	118	94
LCS 220-24575/2		103	121	91	87
LCS 220-24589/2		107	121	98	93
LCS 220-24624/2		98	112	91	89
MSB 220-24589/12		96	109	88	84

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
220-8064-B-24 MS		98	113	87	84
220-8064-B-24 MSD		97	113	87	84

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24434

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24434/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/18/2009 1059
Date Prepared: 02/18/2009 1059

Analysis Batch: 220-24434
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3076.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	53 - 125
4-Bromofluorobenzene	82	73 - 127
Dibromofluoromethane	91	54 - 137
Toluene-d8 (Surr)	95	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Control Spike - Batch: 220-24434

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24434/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/18/2009 1000
Date Prepared: 02/18/2009 1000

Analysis Batch: 220-24434
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3074.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	17.1	171	18 - 263	
Benzene	10.0	8.89	89	68 - 126	
Bromodichloromethane	10.0	8.61	86	67 - 118	
Bromoform	10.0	7.58	76	63 - 115	
Bromomethane	10.0	9.65	97	27 - 171	
Methyl Ethyl Ketone	10.0	26.6	266	30 - 222	*
Carbon disulfide	10.0	11.3	113	44 - 142	
Carbon tetrachloride	10.0	9.07	91	56 - 131	
Chlorobenzene	10.0	8.01	80	71 - 114	
Chloroethane	10.0	9.03	90	53 - 167	
Chloroform	10.0	8.80	88	70 - 124	
Chloromethane	10.0	10.8	108	43 - 134	
Dibromochloromethane	10.0	8.13	81	65 - 114	
1,1-Dichloroethane	10.0	8.95	90	67 - 121	
1,2-Dichloroethane	10.0	8.32	83	68 - 124	
1,1-Dichloroethene	10.0	9.41	94	57 - 137	
1,2-Dichloropropane	10.0	9.15	91	69 - 122	
cis-1,3-Dichloropropene	10.0	8.59	86	60 - 122	
trans-1,3-Dichloropropene	10.0	8.82	88	55 - 126	
Ethylbenzene	10.0	7.83	78	71 - 115	
2-Hexanone	10.0	10.4	104	54 - 179	
Methylene Chloride	10.0	8.64	86	61 - 129	
methyl isobutyl ketone	10.0	8.77	88	61 - 140	J
Styrene	10.0	6.39	64	69 - 112	*
1,1,2,2-Tetrachloroethane	10.0	8.66	87	66 - 129	
Tetrachloroethene	10.0	6.88	69	62 - 118	
Toluene	10.0	8.24	82	70 - 116	
1,1,1-Trichloroethane	10.0	8.55	86	60 - 128	
1,1,2-Trichloroethane	10.0	9.28	93	70 - 119	
Trichloroethene	10.0	7.72	77	58 - 125	
Vinyl chloride	10.0	9.45	95	51 - 139	
Xylenes, Total	30.0	24.2	81	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	53 - 125
4-Bromofluorobenzene	73	73 - 127
Dibromofluoromethane	87	54 - 137
Toluene-d8 (Surr)	91	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24545

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24545/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1600
Date Prepared: 02/20/2009 1600

Analysis Batch: 220-24545
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3155.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	53 - 125
4-Bromofluorobenzene	102	73 - 127
Dibromofluoromethane	117	54 - 137
Toluene-d8 (Surr)	114	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Control Spike - Batch: 220-24545

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24545/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1500
Date Prepared: 02/20/2009 1500

Analysis Batch: 220-24545
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3153.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	12.8	128	18 - 263	
Benzene	10.0	10.9	109	68 - 126	
Bromodichloromethane	10.0	10.2	102	67 - 118	
Bromoform	10.0	8.60	86	63 - 115	
Bromomethane	10.0	10.1	101	27 - 171	
Methyl Ethyl Ketone	10.0	22.8	228	30 - 222	*
Carbon disulfide	10.0	14.3	143	44 - 142	*
Carbon tetrachloride	10.0	8.92	89	56 - 131	
Chlorobenzene	10.0	9.13	91	71 - 114	
Chloroethane	10.0	10.7	107	53 - 167	
Chloroform	10.0	10.6	106	70 - 124	
Chloromethane	10.0	12.0	120	43 - 134	
Dibromochloromethane	10.0	9.05	90	65 - 114	
1,1-Dichloroethane	10.0	11.1	111	67 - 121	
1,2-Dichloroethane	10.0	9.83	98	68 - 124	
1,1-Dichloroethene	10.0	11.5	115	57 - 137	
1,2-Dichloropropane	10.0	11.7	117	69 - 122	
cis-1,3-Dichloropropene	10.0	10.7	107	60 - 122	
trans-1,3-Dichloropropene	10.0	10.8	108	55 - 126	
Ethylbenzene	10.0	8.78	88	71 - 115	
2-Hexanone	10.0	9.24	92	54 - 179	J
Methylene Chloride	10.0	12.5	125	61 - 129	
methyl isobutyl ketone	10.0	11.7	117	61 - 140	
Styrene	10.0	7.24	72	69 - 112	
1,1,2,2-Tetrachloroethane	10.0	11.7	117	66 - 129	
Tetrachloroethene	10.0	7.06	71	62 - 118	
Toluene	10.0	9.47	95	70 - 116	
1,1,1-Trichloroethane	10.0	8.96	90	60 - 128	
1,1,2-Trichloroethane	10.0	11.8	118	70 - 119	
Trichloroethene	10.0	8.50	85	58 - 125	
Vinyl chloride	10.0	10.6	106	51 - 139	
Xylenes, Total	30.0	26.8	89	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	53 - 125
4-Bromofluorobenzene	94	73 - 127
Dibromofluoromethane	115	54 - 137
Toluene-d8 (Surr)	118	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24575

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24575/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2009 1108
Date Prepared: 02/24/2009 1108

Analysis Batch: 220-24575
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1991.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	0.80	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	53 - 125
4-Bromofluorobenzene	90	73 - 127
Dibromofluoromethane	105	54 - 137
Toluene-d8 (Surr)	91	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Control Spike - Batch: 220-24575

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24575/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/24/2009 0949
Date Prepared: 02/24/2009 0949

Analysis Batch: 220-24575
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1988.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	24.0	240	18 - 263	
Benzene	10.0	8.48	85	68 - 126	
Bromodichloromethane	10.0	10.7	107	67 - 118	
Bromoform	10.0	9.79	98	63 - 115	
Bromomethane	10.0	13.3	133	27 - 171	
Methyl Ethyl Ketone	10.0	15.8	158	30 - 222	
Carbon disulfide	10.0	10.3	103	44 - 142	
Carbon tetrachloride	10.0	12.3	123	56 - 131	
Chlorobenzene	10.0	8.49	85	71 - 114	
Chloroethane	10.0	8.67	87	53 - 167	
Chloroform	10.0	10.7	107	70 - 124	
Chloromethane	10.0	11.0	110	43 - 134	
Dibromochloromethane	10.0	10.1	101	65 - 114	
1,1-Dichloroethane	10.0	10.0	100	67 - 121	
1,2-Dichloroethane	10.0	12.0	120	68 - 124	
1,1-Dichloroethene	10.0	9.23	92	57 - 137	
1,2-Dichloropropane	10.0	8.64	86	69 - 122	
cis-1,3-Dichloropropene	10.0	8.57	86	60 - 122	
trans-1,3-Dichloropropene	10.0	9.54	95	55 - 126	
Ethylbenzene	10.0	8.12	81	71 - 115	
2-Hexanone	10.0	11.6	116	54 - 179	
Methylene Chloride	10.0	9.18	92	61 - 129	
methyl isobutyl ketone	10.0	9.55	95	61 - 140	J
Styrene	10.0	6.85	68	69 - 112	*
1,1,2,2-Tetrachloroethane	10.0	9.46	95	66 - 129	
Tetrachloroethene	10.0	7.45	74	62 - 118	
Toluene	10.0	8.10	81	70 - 116	
1,1,1-Trichloroethane	10.0	11.7	117	60 - 128	
1,1,2-Trichloroethane	10.0	9.29	93	70 - 119	
Trichloroethene	10.0	8.13	81	58 - 125	
Vinyl chloride	10.0	10.0	100	51 - 139	
Xylenes, Total	30.0	23.2	77	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	103	54 - 137
Toluene-d8 (Surr)	91	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24589

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24589/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2009 1222
Date Prepared: 02/23/2009 1222

Analysis Batch: 220-24589
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1952.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125	53 - 125
4-Bromofluorobenzene	94	73 - 127
Dibromofluoromethane	110	54 - 137
Toluene-d8 (Surr)	97	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Control Spike - Batch: 220-24589

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24589/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2009 1154
Date Prepared: 02/23/2009 1154

Analysis Batch: 220-24589
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1951.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	21.6	216	18 - 263	
Benzene	10.0	8.71	87	68 - 126	
Bromodichloromethane	10.0	10.8	108	67 - 118	
Bromoform	10.0	10.2	102	63 - 115	
Bromomethane	10.0	11.5	115	27 - 171	
Methyl Ethyl Ketone	10.0	15.2	152	30 - 222	
Carbon disulfide	10.0	10.3	103	44 - 142	
Carbon tetrachloride	10.0	12.0	120	56 - 131	
Chlorobenzene	10.0	8.59	86	71 - 114	
Chloroethane	10.0	10.8	108	53 - 167	
Chloroform	10.0	10.8	108	70 - 124	
Chloromethane	10.0	11.4	114	43 - 134	
Dibromochloromethane	10.0	10.2	102	65 - 114	
1,1-Dichloroethane	10.0	10.0	100	67 - 121	
1,2-Dichloroethane	10.0	11.9	119	68 - 124	
1,1-Dichloroethene	10.0	9.21	92	57 - 137	
1,2-Dichloropropane	10.0	8.89	89	69 - 122	
cis-1,3-Dichloropropene	10.0	8.90	89	60 - 122	
trans-1,3-Dichloropropene	10.0	9.77	98	55 - 126	
Ethylbenzene	10.0	8.22	82	71 - 115	
2-Hexanone	10.0	10.8	108	54 - 179	
Methylene Chloride	10.0	9.36	94	61 - 129	
methyl isobutyl ketone	10.0	10.0	100	61 - 140	
Styrene	10.0	7.30	73	69 - 112	
1,1,2,2-Tetrachloroethane	10.0	9.53	95	66 - 129	
Tetrachloroethene	10.0	7.55	76	62 - 118	
Toluene	10.0	8.31	83	70 - 116	
1,1,1-Trichloroethane	10.0	11.4	114	60 - 128	
1,1,2-Trichloroethane	10.0	9.64	96	70 - 119	
Trichloroethene	10.0	8.35	84	58 - 125	
Vinyl chloride	10.0	10.3	103	51 - 139	
Xylenes, Total	30.0	24.3	81	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	53 - 125
4-Bromofluorobenzene	93	73 - 127
Dibromofluoromethane	107	54 - 137
Toluene-d8 (Surr)	98	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Matrix Spike Blank - Batch: 220-24589

Method: 8260B
Preparation: 5030B

Lab Sample ID: MSB 220-24589/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2009 1740
Date Prepared: 02/23/2009 1740

Analysis Batch: 220-24589
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1964.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	26.5	133	18 - 263	
Benzene	20.0	18.4	92	68 - 126	
Bromodichloromethane	20.0	22.7	114	67 - 118	
Bromoform	20.0	22.9	114	63 - 115	
Bromomethane	20.0	30.2	151	27 - 171	
Methyl Ethyl Ketone	20.0	21.4	107	30 - 222	
Carbon disulfide	20.0	18.9	95	44 - 142	
Carbon tetrachloride	20.0	24.3	122	56 - 131	
Chlorobenzene	20.0	19.0	95	71 - 114	
Chloroethane	20.0	21.2	106	53 - 167	
Chloroform	20.0	21.4	107	70 - 124	
Chloromethane	20.0	20.0	100	43 - 134	
Dibromochloromethane	20.0	22.3	111	65 - 114	
1,1-Dichloroethane	20.0	20.6	103	67 - 121	
1,2-Dichloroethane	20.0	25.8	129	68 - 124	*
1,1-Dichloroethene	20.0	18.8	94	57 - 137	
1,2-Dichloropropane	20.0	19.0	95	69 - 122	
cis-1,3-Dichloropropene	20.0	21.0	105	60 - 122	
trans-1,3-Dichloropropene	20.0	23.1	115	55 - 126	
Ethylbenzene	20.0	18.9	94	71 - 115	
2-Hexanone	20.0	20.8	104	54 - 179	
Methylene Chloride	20.0	19.8	99	61 - 129	
methyl isobutyl ketone	20.0	20.7	104	61 - 140	
Styrene	20.0	19.8	99	69 - 112	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	66 - 129	
Tetrachloroethene	20.0	18.6	93	62 - 118	
Toluene	20.0	18.6	93	70 - 116	
1,1,1-Trichloroethane	20.0	23.1	115	60 - 128	
1,1,2-Trichloroethane	20.0	20.6	103	70 - 119	
Trichloroethene	20.0	19.1	96	58 - 125	
Vinyl chloride	20.0	17.4	87	51 - 139	
Xylenes, Total	60.0	56.5	94	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	53 - 125
4-Bromofluorobenzene	84	73 - 127
Dibromofluoromethane	96	54 - 137
Toluene-d8 (Surr)	88	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-24589

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 220-8064-B-24 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2009 1647
Date Prepared: 02/23/2009 1647

Analysis Batch: 220-24589
Prep Batch: N/A

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1962.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 220-8064-B-24 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2009 1714
Date Prepared: 02/23/2009 1714

Analysis Batch: 220-24589
Prep Batch: N/A

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V1963.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	134	129	18 - 263	4	20		
Benzene	87	85	68 - 126	2	20		
Bromodichloromethane	106	104	67 - 118	2	20		
Bromoform	109	106	63 - 115	3	20		
Bromomethane	160	159	27 - 171	1	20		
Methyl Ethyl Ketone	111	102	30 - 222	9	20		
Carbon disulfide	92	88	44 - 142	4	20		
Carbon tetrachloride	121	113	56 - 131	6	20		
Chlorobenzene	89	86	71 - 114	3	20		
Chloroethane	134	131	53 - 167	2	20		
Chloroform	101	99	70 - 124	2	20		
Chloromethane	117	111	43 - 134	5	20		
Dibromochloromethane	107	103	65 - 114	4	20		
1,1-Dichloroethane	96	93	67 - 121	4	20		
1,2-Dichloroethane	123	120	68 - 124	3	20		
1,1-Dichloroethene	91	87	57 - 137	4	20		
1,2-Dichloropropane	88	86	69 - 122	2	20		
cis-1,3-Dichloropropene	94	92	60 - 122	2	20		
trans-1,3-Dichloropropene	108	104	55 - 126	3	20		
Ethylbenzene	89	85	71 - 115	5	20		
2-Hexanone	111	100	54 - 179	10	20		
Methylene Chloride	90	87	61 - 129	3	20		
methyl isobutyl ketone	103	94	61 - 140	9	20		
Styrene	90	89	69 - 112	2	20		
1,1,2,2-Tetrachloroethane	92	87	66 - 129	6	20		
Tetrachloroethene	83	78	62 - 118	5	20		
Toluene	86	83	70 - 116	3	20		
1,1,1-Trichloroethane	111	105	60 - 128	5	20		
1,1,2-Trichloroethane	97	93	70 - 119	4	20		
Trichloroethene	91	86	58 - 125	7	20		

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-24589

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	220-8064-B-24 MS	Analysis Batch: 220-24589	Instrument ID: HP 6890/5973 GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: V1962.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/23/2009 1647		Final Weight/Volume: 5 mL
Date Prepared:	02/23/2009 1647		

MSD Lab Sample ID:	220-8064-B-24 MSD	Analysis Batch: 220-24589	Instrument ID: HP 6890/5973 GC/MS
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: V1963.D
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/23/2009 1714		Final Weight/Volume: 5 mL
Date Prepared:	02/23/2009 1714		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Vinyl chloride	114	107	51 - 139	7	20		
Xylenes, Total	88	85	66 - 118	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	113	53 - 125
4-Bromofluorobenzene	84	84	73 - 127
Dibromofluoromethane	98	97	54 - 137
Toluene-d8 (Surr)	87	87	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-24589

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 220-8064-B-24 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2009 1647
Date Prepared: 02/23/2009 1647

Units: ug/L

MSD Lab Sample ID: 220-8064-B-24 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/23/2009 1714
Date Prepared: 02/23/2009 1714

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acetone	10	U	20.0	20.0	26.8	25.9
Benzene	5.0	U	20.0	20.0	17.3	16.9
Bromodichloromethane	5.0	U	20.0	20.0	21.2	20.8
Bromoform	5.0	U	20.0	20.0	21.8	21.2
Bromomethane	5.0	U	20.0	20.0	32.0	31.9
Methyl Ethyl Ketone	10	U	20.0	20.0	22.3	20.3
Carbon disulfide	5.0	U	20.0	20.0	18.3	17.6
Carbon tetrachloride	5.0	U	20.0	20.0	24.1	22.6
Chlorobenzene	5.0	U	20.0	20.0	17.8	17.3
Chloroethane	5.0	U	20.0	20.0	26.7	26.2
Chloroform	5.0	U	20.0	20.0	20.2	19.8
Chloromethane	5.0	U	20.0	20.0	23.4	22.2
Dibromochloromethane	5.0	U	20.0	20.0	21.3	20.6
1,1-Dichloroethane	5.0	U	20.0	20.0	19.3	18.5
1,2-Dichloroethane	5.0	U	20.0	20.0	24.6	24.0
1,1-Dichloroethene	5.0	U	20.0	20.0	18.2	17.5
1,2-Dichloropropane	5.0	U	20.0	20.0	17.6	17.3
cis-1,3-Dichloropropene	5.0	U	20.0	20.0	18.9	18.5
trans-1,3-Dichloropropene	5.0	U	20.0	20.0	21.5	20.9
Ethylbenzene	5.0	U	20.0	20.0	17.8	17.0
2-Hexanone	10	U	20.0	20.0	22.1	20.0
Methylene Chloride	5.0	U	20.0	20.0	17.9	17.4
methyl isobutyl ketone	10	U	20.0	20.0	20.6	18.8
Styrene	5.0	U	20.0	20.0	18.1	17.8
1,1,2,2-Tetrachloroethane	5.0	U	20.0	20.0	18.4	17.4
Tetrachloroethene	1.9	J	20.0	20.0	18.5	17.6
Toluene	5.0	U	20.0	20.0	17.1	16.7
1,1,1-Trichloroethane	5.0	U	20.0	20.0	22.2	21.0
1,1,2-Trichloroethane	5.0	U	20.0	20.0	19.4	18.6
Trichloroethene	5.0	U	20.0	20.0	18.3	17.1
Vinyl chloride	5.0	U	20.0	20.0	22.9	21.3
Xylenes, Total	5.0	U	60.0	60.0	52.6	51.0

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24624

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-24624/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/25/2009 1134
Date Prepared: 02/25/2009 1134

Analysis Batch: 220-24624
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2028.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.2	J	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	102	54 - 137
Toluene-d8 (Surr)	91	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Control Spike - Batch: 220-24624

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-24624/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/25/2009 1041
Date Prepared: 02/25/2009 1041

Analysis Batch: 220-24624
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2026.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	22.1	221	18 - 263	
Benzene	10.0	8.81	88	68 - 126	
Bromodichloromethane	10.0	10.7	107	67 - 118	
Bromoform	10.0	9.87	99	63 - 115	
Bromomethane	10.0	12.8	128	27 - 171	
Methyl Ethyl Ketone	10.0	16.7	167	30 - 222	
Carbon disulfide	10.0	10.5	105	44 - 142	
Carbon tetrachloride	10.0	12.4	124	56 - 131	
Chlorobenzene	10.0	8.76	88	71 - 114	
Chloroethane	10.0	11.1	111	53 - 167	
Chloroform	10.0	10.8	108	70 - 124	
Chloromethane	10.0	12.0	120	43 - 134	
Dibromochloromethane	10.0	10.4	104	65 - 114	
1,1-Dichloroethane	10.0	10.3	103	67 - 121	
1,2-Dichloroethane	10.0	11.8	118	68 - 124	
1,1-Dichloroethene	10.0	9.70	97	57 - 137	
1,2-Dichloropropane	10.0	8.96	90	69 - 122	
cis-1,3-Dichloropropene	10.0	8.84	88	60 - 122	
trans-1,3-Dichloropropene	10.0	9.69	97	55 - 126	
Ethylbenzene	10.0	8.51	85	71 - 115	
2-Hexanone	10.0	12.1	121	54 - 179	
Methylene Chloride	10.0	10.1	101	61 - 129	
methyl isobutyl ketone	10.0	10.2	102	61 - 140	
Styrene	10.0	7.50	75	69 - 112	
1,1,2,2-Tetrachloroethane	10.0	9.59	96	66 - 129	
Tetrachloroethene	10.0	7.95	80	62 - 118	
Toluene	10.0	8.61	86	70 - 116	
1,1,1-Trichloroethane	10.0	11.7	117	60 - 128	
1,1,2-Trichloroethane	10.0	9.30	93	70 - 119	
Trichloroethene	10.0	8.40	84	58 - 125	
Vinyl chloride	10.0	10.8	108	51 - 139	
Xylenes, Total	30.0	25.1	84	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	98	54 - 137
Toluene-d8 (Surr)	91	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24396

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-24396/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/18/2009 1051
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-24396

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-24396/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/18/2009 1056
Date Prepared: 02/17/2009 1411

Analysis Batch: 220-24446
Prep Batch: 220-24396
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	25630	103	80 - 120	
Manganese	200	216	108	80 - 120	

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24419

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-24419/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/18/2009 1612
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24446
Prep Batch: 220-24419
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-24419

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-24419/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/18/2009 1618
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24446
Prep Batch: 220-24419
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W021809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	26420	106	80 - 120	
Manganese	200	224	112	80 - 120	

Matrix Spike - Batch: 220-24419

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8033-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1555
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24514
Prep Batch: 220-24419
Units: ug/L

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Iron	13100	1000	14130	100	75 - 125	4
Manganese	140	500	632	98	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Duplicate - Batch: 220-24419

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8033-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1551
Date Prepared: 02/18/2009 1114

Analysis Batch: 220-24514
Prep Batch: 220-24419
Units: ug/L

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	13100	13190	0	20	
Manganese	140	141	0	20	

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24468

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-24468/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1410
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468
Units: ug/L

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	250	U	62	250
Manganese	15	U	2.3	15

Lab Control Spike - Batch: 220-24468

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-24468/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1413
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468
Units: ug/L

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	24900	100	80 - 120	
Manganese	200	207	104	80 - 120	

Matrix Spike - Batch: 220-24468

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8093-A-6-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1532
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468
Units: ug/L

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Iron	250	U	1000	950	95	75 - 125	
Manganese	15	U	500	491	98	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Duplicate - Batch: 220-24468

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8093-A-6-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/20/2009 1528
Date Prepared: 02/19/2009 1345

Analysis Batch: 220-24514
Prep Batch: 220-24468
Units: ug/L

Instrument ID: Perkin Elmer ICP
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Iron	250	U	250	NC	20	U
Manganese	15	U	15	NC	20	U

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24587

Method: 9060
Preparation: N/A

Lab Sample ID: MB 220-24587/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2009 1946
Date Prepared: N/A

Analysis Batch: 220-24587
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02171529.bin
Initial Weight/Volume: 44 mL
Final Weight/Volume: 44 mL

Analyte	Result	Qual	MDL	RL
Total Organic Carbon - Quad	1.0	U	0.10	1.0

Lab Control Spike - Batch: 220-24587

Method: 9060
Preparation: N/A

Lab Sample ID: LCS 220-24587/5 ^4
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 02/17/2009 1902
Date Prepared: N/A

Analysis Batch: 220-24587
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02171529.bin
Initial Weight/Volume: 44 mL
Final Weight/Volume: 44 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	82.2	86.68	105	85 - 115	

Matrix Spike - Batch: 220-24587

Method: 9060
Preparation: N/A

Lab Sample ID: 220-8033-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2009 2220
Date Prepared: N/A

Analysis Batch: 220-24587
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02171529.bin
Initial Weight/Volume: 44 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	5.3	20.0	25.84	103	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Duplicate - Batch: 220-24587

Method: 9060
Preparation: N/A

Lab Sample ID: 220-8033-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2009 2136
Date Prepared: N/A

Analysis Batch: 220-24587
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 02171529.bin
Initial Weight/Volume: 44 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon - Quad	5.3	5.40	2	20	

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Method Blank - Batch: 220-24327

Method: SM 2320B
Preparation: N/A

Lab Sample ID: MB 220-24327/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2009 1335
Date Prepared: N/A

Analysis Batch: 220-24327
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Alkalinity	2.0	U	0.16	2.0

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Control Spike - Batch: 220-24327

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-24327/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2009 1325
Date Prepared: N/A

Analysis Batch: 220-24327
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	259.1	110	85 - 115	

Lab Control Spike - Batch: 220-24327

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-24327/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2009 1455
Date Prepared: N/A

Analysis Batch: 220-24327
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	241.7	102	85 - 115	

Lab Control Spike - Batch: 220-24327

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-24327/26
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2009 1543
Date Prepared: N/A

Analysis Batch: 220-24327
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	239.1	101	85 - 115	

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

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Duplicate - Batch: 220-24327

Method: SM 2320B
Preparation: N/A

Lab Sample ID: 220-8033-2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2009 1421
Date Prepared: N/A

Analysis Batch: 220-24327
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	273	272.3	0	20	

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

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
Metals		
	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Sample result is greater than the MDL but below the CRDL
General Chemistry		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-24434					
LCS 220-24434/2	Lab Control Spike	T	Water	8260B	
MB 220-24434/3	Method Blank	T	Water	8260B	
220-8033-2	OW-5	T	Water	8260B	
220-8033-3	OW-6	T	Water	8260B	
220-8033-4	OW-7	T	Water	8260B	
Analysis Batch:220-24545					
LCS 220-24545/2	Lab Control Spike	T	Water	8260B	
MB 220-24545/3	Method Blank	T	Water	8260B	
220-8033-1	OW-3	T	Water	8260B	
220-8033-2	OW-5	T	Water	8260B	
220-8033-3	OW-6	T	Water	8260B	
220-8033-4	OW-7	T	Water	8260B	
Analysis Batch:220-24575					
LCS 220-24575/2	Lab Control Spike	T	Water	8260B	
MB 220-24575/3	Method Blank	T	Water	8260B	
220-8033-9	MW-34I	T	Water	8260B	
220-8033-10	MW-35I	T	Water	8260B	
220-8033-11	DUP-021109	T	Water	8260B	
220-8033-12FB	FB-021109	T	Water	8260B	
Analysis Batch:220-24589					
LCS 220-24589/2	Lab Control Spike	T	Water	8260B	
MSB 220-24589/12	Matrix Spike Blank	T	Water	8260B	
MB 220-24589/3	Method Blank	T	Water	8260B	
220-8033-6	MW-30I	T	Water	8260B	
220-8033-7	MW-31I	T	Water	8260B	
220-8033-8	MW-33I	T	Water	8260B	
220-8033-9	MW-34I	T	Water	8260B	
220-8033-10	MW-35I	T	Water	8260B	
220-8064-B-24 MS	Matrix Spike	T	Water	8260B	
220-8064-B-24 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:220-24624					
LCS 220-24624/2	Lab Control Spike	T	Water	8260B	
MB 220-24624/3	Method Blank	T	Water	8260B	
220-8033-5	MW-26I	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-24396					
LCS 220-24396/2-A	Lab Control Spike	T	Water	3010A	
MB 220-24396/1-A	Method Blank	T	Water	3010A	
220-8033-1	OW-3	T	Water	3010A	
220-8033-2	OW-5	T	Water	3010A	
220-8033-3	OW-6	T	Water	3010A	
220-8033-4	OW-7	T	Water	3010A	
220-8033-5	MW-26I	T	Water	3010A	
220-8033-6	MW-30I	T	Water	3010A	
Prep Batch: 220-24419					
LCS 220-24419/2-A	Lab Control Spike	T	Water	3010A	
MB 220-24419/1-A	Method Blank	T	Water	3010A	
220-8033-7	MW-31I	T	Water	3010A	
220-8033-7DU	Duplicate	T	Water	3010A	
220-8033-7MS	Matrix Spike	T	Water	3010A	
220-8033-7SD	Serial Dilution	T	Water	3010A	
220-8033-8	MW-33I	T	Water	3010A	
220-8033-9	MW-34I	T	Water	3010A	
220-8033-10	MW-35I	T	Water	3010A	
Analysis Batch:220-24446					
CCB 220-24446/73	Continuing Calibration Blank		Water	6010B	
CCB 220-24446/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-24446/21	Continuing Calibration Blank		Water	6010B	
CCB3 220-24446/33	Continuing Calibration Blank		Water	6010B	
CCB4 220-24446/45	Continuing Calibration Blank		Water	6010B	
CCB5 220-24446/57	Continuing Calibration Blank		Water	6010B	
CCB6 220-24446/69	Continuing Calibration Blank		Water	6010B	
ICB 220-24446/4	Initial Calibration Blank		Water	6010B	
LCS 220-24396/2-A	Lab Control Spike	T	Water	6010B	220-24396
MB 220-24396/1-A	Method Blank	T	Water	6010B	220-24396
LCS 220-24419/2-A	Lab Control Spike	T	Water	6010B	220-24419
MB 220-24419/1-A	Method Blank	T	Water	6010B	220-24419
220-8033-1	OW-3	T	Water	6010B	220-24396
220-8033-2	OW-5	T	Water	6010B	220-24396
220-8033-3	OW-6	T	Water	6010B	220-24396
220-8033-4	OW-7	T	Water	6010B	220-24396
220-8033-5	MW-26I	T	Water	6010B	220-24396
220-8033-6	MW-30I	T	Water	6010B	220-24396
220-8033-10	MW-35I	T	Water	6010B	220-24419

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-24468					
LCS 220-24468/2-A	Lab Control Spike	T	Water	3010A	
MB 220-24468/1-A	Method Blank	T	Water	3010A	
220-8033-1	OW-3	D	Water	3010A	
220-8033-2	OW-5	D	Water	3010A	
220-8033-3	OW-6	D	Water	3010A	
220-8033-4	OW-7	D	Water	3010A	
220-8033-5	MW-26I	D	Water	3010A	
220-8033-6	MW-30I	D	Water	3010A	
220-8033-7	MW-31I	D	Water	3010A	
220-8033-8	MW-33I	D	Water	3010A	
220-8033-9	MW-34I	D	Water	3010A	
220-8033-10	MW-35I	D	Water	3010A	
220-8087-B-2-B SD	Serial Dilution	T	Water	3010A	
220-8093-A-6-B DU	Duplicate	T	Water	3010A	
220-8093-A-6-C MS	Matrix Spike	T	Water	3010A	
Analysis Batch:220-24514					
CCB 220-24514/21	Continuing Calibration Blank		Water	6010B	
CCB 220-24514/33	Continuing Calibration Blank		Water	6010B	
CCB 220-24514/45	Continuing Calibration Blank		Water	6010B	
CCB 220-24514/53	Continuing Calibration Blank		Water	6010B	
CCB 220-24514/9	Continuing Calibration Blank		Water	6010B	
ICB 220-24514/4	Initial Calibration Blank		Water	6010B	
LCS 220-24468/2-A	Lab Control Spike	T	Water	6010B	220-24468
MB 220-24468/1-A	Method Blank	T	Water	6010B	220-24468
220-8033-1	OW-3	D	Water	6010B	220-24468
220-8033-2	OW-5	D	Water	6010B	220-24468
220-8033-3	OW-6	D	Water	6010B	220-24468
220-8033-4	OW-7	D	Water	6010B	220-24468
220-8033-5	MW-26I	D	Water	6010B	220-24468
220-8033-6	MW-30I	D	Water	6010B	220-24468
220-8033-7	MW-31I	T	Water	6010B	220-24419
220-8033-7DU	Duplicate	T	Water	6010B	220-24419
220-8033-7MS	Matrix Spike	T	Water	6010B	220-24419
220-8033-7SD	Serial Dilution	T	Water	6010B	220-24419
220-8033-7	MW-31I	D	Water	6010B	220-24468
220-8033-8	MW-33I	T	Water	6010B	220-24419
220-8033-8	MW-33I	D	Water	6010B	220-24468
220-8033-9	MW-34I	T	Water	6010B	220-24419
220-8033-9	MW-34I	D	Water	6010B	220-24468
220-8033-10	MW-35I	D	Water	6010B	220-24468
220-8087-B-2-B SD	Serial Dilution	T	Water	6010B	220-24468
220-8093-A-6-B DU	Duplicate	T	Water	6010B	220-24468
220-8093-A-6-C MS	Matrix Spike	T	Water	6010B	220-24468

Client: Roux Associates, Inc.

Job Number: 220-8033-1
Sdg Number: 220-8033

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Report Basis					
D = Dissolved					
T = Total					
General Chemistry					
Analysis Batch:220-24327					
LCS 220-24327/19	Lab Control Spike	T	Water	SM 2320B	
LCS 220-24327/26	Lab Control Spike	T	Water	SM 2320B	
LCS 220-24327/9	Lab Control Spike	T	Water	SM 2320B	
MB 220-24327/11	Method Blank	T	Water	SM 2320B	
220-8033-1	OW-3	T	Water	SM 2320B	
220-8033-2	OW-5	T	Water	SM 2320B	
220-8033-2DU	Duplicate	T	Water	SM 2320B	
220-8033-3	OW-6	T	Water	SM 2320B	
220-8033-4	OW-7	T	Water	SM 2320B	
220-8033-5	MW-26I	T	Water	SM 2320B	
220-8033-6	MW-30I	T	Water	SM 2320B	
220-8033-7	MW-31I	T	Water	SM 2320B	
220-8033-8	MW-33I	T	Water	SM 2320B	
220-8033-9	MW-34I	T	Water	SM 2320B	
220-8033-10	MW-35I	T	Water	SM 2320B	
Analysis Batch:220-24587					
CCB 220-24587/16	Continuing Calibration Blank		Water	9060	
CCB 220-24587/22	Continuing Calibration Blank		Water	9060	
CCB 220-24587/4	Continuing Calibration Blank		Water	9060	
ICB 220-24587/2	Initial Calibration Blank		Water	9060	
LCS 220-24587/5 ^4	Lab Control Spike	T	Water	9060	
MB 220-24587/6	Method Blank	T	Water	9060	
220-8033-1	OW-3	T	Water	9060	
220-8033-2	OW-5	T	Water	9060	
220-8033-2DU	Duplicate	T	Water	9060	
220-8033-2MS	Matrix Spike	T	Water	9060	
220-8033-3	OW-6	T	Water	9060	
220-8033-4	OW-7	T	Water	9060	
220-8033-5	MW-26I	T	Water	9060	
220-8033-6	MW-30I	T	Water	9060	
220-8033-7	MW-31I	T	Water	9060	
220-8033-8	MW-33I	T	Water	9060	
220-8033-9	MW-34I	T	Water	9060	
220-8033-10	MW-35I	T	Water	9060	

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG: 220-8033

Laboratory Chronicle

Lab ID: 220-8033-1 **Client ID: OW-3**

Sample Date/Time: 02/11/2009 09:10 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-C-1		220-24545		02/20/2009 19:26	1	TAL CT	BK
A:8260B	220-8033-C-1		220-24545		02/20/2009 19:26	1	TAL CT	BK
P:3010A	220-8033-A-1-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	220-8033-A-1-A		220-24446	220-24396	02/18/2009 12:51	1	TAL CT	NP
P:3010A	220-8033-B-1-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-1-B		220-24514	220-24468	02/20/2009 14:39	1	TAL CT	NP
A:9060	220-8033-E-1		220-24587		02/17/2009 20:16	1	TAL CT	DM
A:SM 2320B	220-8033-B-1		220-24327		02/13/2009 14:06	1	TAL CT	JM

Lab ID: 220-8033-2 **Client ID: OW-5**

Sample Date/Time: 02/11/2009 09:10 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-D-2		220-24434		02/18/2009 19:20	1	TAL CT	BK
A:8260B	220-8033-D-2		220-24434		02/18/2009 19:20	1	TAL CT	BK
P:5030B	220-8033-C-2		220-24545		02/20/2009 20:26	20	TAL CT	BK
A:8260B	220-8033-C-2		220-24545		02/20/2009 20:26	20	TAL CT	BK
P:3010A	220-8033-A-2-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	220-8033-A-2-A		220-24446	220-24396	02/18/2009 13:08	1	TAL CT	NP
P:3010A	220-8033-B-2-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-2-B		220-24514	220-24468	02/20/2009 14:49	1	TAL CT	NP
A:9060	220-8033-E-2		220-24587		02/17/2009 20:56	1	TAL CT	DM
A:SM 2320B	220-8033-B-2		220-24327		02/13/2009 14:13	1	TAL CT	JM

Lab ID: 220-8033-2 MS **Client ID: OW-5**

Sample Date/Time: 02/11/2009 09:10 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060	220-8033-B-2 MS		220-24587		02/17/2009 22:20	1	TAL CT	DM

Lab ID: 220-8033-2 DU **Client ID: OW-5**

Sample Date/Time: 02/11/2009 09:10 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060	220-8033-F-2 DU		220-24587		02/17/2009 21:36	1	TAL CT	DM
A:SM 2320B	220-8033-B-2 DU		220-24327		02/13/2009 14:21	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG: 220-8033

Laboratory Chronicle

Lab ID: 220-8033-3 **Client ID: OW-6**

Sample Date/Time: 02/11/2009 10:05 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-D-3		220-24434		02/18/2009 20:19	1	TAL CT	BK
A:8260B	220-8033-D-3		220-24434		02/18/2009 20:19	1	TAL CT	BK
P:5030B	220-8033-C-3		220-24545		02/20/2009 20:55	20	TAL CT	BK
A:8260B	220-8033-C-3		220-24545		02/20/2009 20:55	20	TAL CT	BK
P:3010A	220-8033-A-3-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	220-8033-A-3-A		220-24446	220-24396	02/18/2009 13:14	1	TAL CT	NP
P:3010A	220-8033-B-3-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-3-B		220-24514	220-24468	02/20/2009 14:52	1	TAL CT	NP
A:9060	220-8033-E-3		220-24587		02/17/2009 23:07	1	TAL CT	DM
A:SM 2320B	220-8033-B-3		220-24327		02/13/2009 14:28	1	TAL CT	JM

Lab ID: 220-8033-4 **Client ID: OW-7**

Sample Date/Time: 02/11/2009 10:03 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-D-4		220-24434		02/18/2009 19:49	1	TAL CT	BK
A:8260B	220-8033-D-4		220-24434		02/18/2009 19:49	1	TAL CT	BK
P:5030B	220-8033-C-4		220-24545		02/20/2009 19:56	2	TAL CT	BK
A:8260B	220-8033-C-4		220-24545		02/20/2009 19:56	2	TAL CT	BK
P:3010A	220-8033-A-4-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	220-8033-A-4-A		220-24446	220-24396	02/18/2009 13:20	1	TAL CT	NP
P:3010A	220-8033-B-4-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-4-B		220-24514	220-24468	02/20/2009 14:55	1	TAL CT	NP
A:9060	220-8033-E-4		220-24587		02/17/2009 23:45	1	TAL CT	DM
A:SM 2320B	220-8033-B-4		220-24327		02/13/2009 14:35	1	TAL CT	JM

Lab ID: 220-8033-5 **Client ID: MW-26I**

Sample Date/Time: 02/11/2009 11:40 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-D-5		220-24624		02/25/2009 12:01	20	TAL CT	BK
A:8260B	220-8033-D-5		220-24624		02/25/2009 12:01	20	TAL CT	BK
P:5030B	220-8033-D-5		220-24624		02/25/2009 12:54	2	TAL CT	BK
A:8260B	220-8033-D-5		220-24624		02/25/2009 12:54	2	TAL CT	BK
P:3010A	220-8033-A-5-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	220-8033-A-5-A		220-24446	220-24396	02/18/2009 13:25	1	TAL CT	NP
P:3010A	220-8033-B-5-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-5-B		220-24514	220-24468	02/20/2009 14:59	1	TAL CT	NP
A:9060	220-8033-E-5		220-24587		02/18/2009 00:20	1	TAL CT	DM
A:SM 2320B	220-8033-B-5		220-24327		02/13/2009 14:42	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG: 220-8033

Laboratory Chronicle

Lab ID: 220-8033-6 **Client ID: MW-30I**

Sample Date/Time: 02/11/2009 12:30 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-C-6		220-24589		02/23/2009 20:46	1	TAL CT	BK
A:8260B	220-8033-C-6		220-24589		02/23/2009 20:46	1	TAL CT	BK
P:3010A	220-8033-A-6-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	220-8033-A-6-A		220-24446	220-24396	02/18/2009 13:35	1	TAL CT	NP
P:3010A	220-8033-B-6-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-6-B		220-24514	220-24468	02/20/2009 15:02	1	TAL CT	NP
A:9060	220-8033-E-6		220-24587		02/18/2009 00:48	1	TAL CT	DM
A:SM 2320B	220-8033-B-6		220-24327		02/13/2009 15:02	1	TAL CT	JM

Lab ID: 220-8033-7 **Client ID: MW-31I**

Sample Date/Time: 02/11/2009 12:35 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-C-7		220-24589		02/23/2009 21:12	1	TAL CT	BK
A:8260B	220-8033-C-7		220-24589		02/23/2009 21:12	1	TAL CT	BK
P:3010A	220-8033-B-7-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-7-B		220-24514	220-24468	02/20/2009 15:05	1	TAL CT	NP
P:3010A	220-8033-A-7-A		220-24514	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	220-8033-A-7-A		220-24514	220-24419	02/20/2009 15:48	1	TAL CT	NP
A:9060	220-8033-E-7		220-24587		02/18/2009 02:37	1	TAL CT	DM
A:SM 2320B	220-8033-B-7		220-24327		02/13/2009 15:09	1	TAL CT	JM

Lab ID: 220-8033-7 MS **Client ID: MW-31I**

Sample Date/Time: 02/11/2009 12:35 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8033-A-7-C MS		220-24514	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	220-8033-A-7-C MS		220-24514	220-24419	02/20/2009 15:55	1	TAL CT	NP

Lab ID: 220-8033-7 DU **Client ID: MW-31I**

Sample Date/Time: 02/11/2009 12:35 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8033-A-7-B DU		220-24514	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	220-8033-A-7-B DU		220-24514	220-24419	02/20/2009 15:51	1	TAL CT	NP

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG: 220-8033

Laboratory Chronicle

Lab ID: 220-8033-8 **Client ID: MW-33I**

Sample Date/Time: 02/11/2009 11:45 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-D-8		220-24589		02/23/2009 22:31	1	TAL CT	BK
A:8260B	220-8033-D-8		220-24589		02/23/2009 22:31	1	TAL CT	BK
P:3010A	220-8033-B-8-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-8-B		220-24514	220-24468	02/20/2009 15:09	1	TAL CT	NP
P:3010A	220-8033-A-8-A		220-24514	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	220-8033-A-8-A		220-24514	220-24419	02/20/2009 16:08	1	TAL CT	NP
A:9060	220-8033-E-8		220-24587		02/18/2009 03:06	1	TAL CT	DM
A:SM 2320B	220-8033-B-8		220-24327		02/13/2009 15:16	1	TAL CT	JM

Lab ID: 220-8033-9 **Client ID: MW-34I**

Sample Date/Time: 02/11/2009 10:50 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-C-9		220-24589		02/23/2009 21:38	20	TAL CT	BK
A:8260B	220-8033-C-9		220-24589		02/23/2009 21:38	20	TAL CT	BK
P:5030B	220-8033-D-9		220-24575		02/24/2009 19:31	100	TAL CT	BK
A:8260B	220-8033-D-9		220-24575		02/24/2009 19:31	100	TAL CT	BK
P:3010A	220-8033-B-9-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-9-B		220-24514	220-24468	02/20/2009 15:12	1	TAL CT	NP
P:3010A	220-8033-A-9-A		220-24514	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	220-8033-A-9-A		220-24514	220-24419	02/20/2009 16:11	1	TAL CT	NP
A:9060	220-8033-E-9		220-24587		02/18/2009 03:40	1	TAL CT	DM
A:SM 2320B	220-8033-B-9		220-24327		02/13/2009 15:23	1	TAL CT	JM

Lab ID: 220-8033-10 **Client ID: MW-35I**

Sample Date/Time: 02/11/2009 10:50 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-D-10		220-24589		02/23/2009 22:05	4	TAL CT	BK
A:8260B	220-8033-D-10		220-24589		02/23/2009 22:05	4	TAL CT	BK
P:5030B	220-8033-C-10		220-24575		02/24/2009 19:57	40	TAL CT	BK
A:8260B	220-8033-C-10		220-24575		02/24/2009 19:57	40	TAL CT	BK
P:3010A	220-8033-A-10-A		220-24446	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	220-8033-A-10-A		220-24446	220-24419	02/18/2009 16:41	1	TAL CT	NP
P:3010A	220-8033-B-10-B		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8033-B-10-B		220-24514	220-24468	02/20/2009 15:15	1	TAL CT	NP
A:9060	220-8033-E-10		220-24587		02/18/2009 04:05	1	TAL CT	DM
A:SM 2320B	220-8033-B-10		220-24327		02/13/2009 15:30	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG: 220-8033

Laboratory Chronicle

Lab ID: 220-8033-11 **Client ID: DUP-021109**

Sample Date/Time: 02/11/2009 10:00 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-D-11		220-24575		02/24/2009 18:38	1	TAL CT	BK
A:8260B	220-8033-D-11		220-24575		02/24/2009 18:38	1	TAL CT	BK

Lab ID: 220-8033-12 **Client ID: FB-021109**

Sample Date/Time: 02/11/2009 09:00 Received Date/Time: 02/12/2009 09:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8033-C-12		220-24575		02/24/2009 19:04	1	TAL CT	BK
A:8260B	220-8033-C-12		220-24575		02/24/2009 19:04	1	TAL CT	BK

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 220-24434/3		220-24434		02/18/2009 10:59	1	TAL CT	BK
A:8260B	MB 220-24434/3		220-24434		02/18/2009 10:59	1	TAL CT	BK
P:5030B	MB 220-24545/3		220-24545		02/20/2009 16:00	1	TAL CT	BK
A:8260B	MB 220-24545/3		220-24545		02/20/2009 16:00	1	TAL CT	BK
P:5030B	MB 220-24589/3		220-24589		02/23/2009 12:22	1	TAL CT	BK
A:8260B	MB 220-24589/3		220-24589		02/23/2009 12:22	1	TAL CT	BK
P:5030B	MB 220-24575/3		220-24575		02/24/2009 11:08	1	TAL CT	BK
A:8260B	MB 220-24575/3		220-24575		02/24/2009 11:08	1	TAL CT	BK
P:5030B	MB 220-24624/3		220-24624		02/25/2009 11:34	1	TAL CT	BK
A:8260B	MB 220-24624/3		220-24624		02/25/2009 11:34	1	TAL CT	BK
P:3010A	MB 220-24396/1-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	MB 220-24396/1-A		220-24446	220-24396	02/18/2009 10:51	1	TAL CT	NP
P:3010A	MB 220-24419/1-A		220-24446	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	MB 220-24419/1-A		220-24446	220-24419	02/18/2009 16:12	1	TAL CT	NP
P:3010A	MB 220-24468/1-A		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	MB 220-24468/1-A		220-24514	220-24468	02/20/2009 14:10	1	TAL CT	NP
A:9060	MB 220-24587/6		220-24587		02/17/2009 19:46	1	TAL CT	DM
A:SM 2320B	MB 220-24327/11		220-24327		02/13/2009 13:35	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG: 220-8033

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 220-24434/2		220-24434		02/18/2009 10:00	1	TAL CT	BK
A:8260B	LCS 220-24434/2		220-24434		02/18/2009 10:00	1	TAL CT	BK
P:5030B	LCS 220-24545/2		220-24545		02/20/2009 15:00	1	TAL CT	BK
A:8260B	LCS 220-24545/2		220-24545		02/20/2009 15:00	1	TAL CT	BK
P:5030B	LCS 220-24589/2		220-24589		02/23/2009 11:54	1	TAL CT	BK
A:8260B	LCS 220-24589/2		220-24589		02/23/2009 11:54	1	TAL CT	BK
P:5030B	LCS 220-24575/2		220-24575		02/24/2009 09:49	1	TAL CT	BK
A:8260B	LCS 220-24575/2		220-24575		02/24/2009 09:49	1	TAL CT	BK
P:5030B	LCS 220-24624/2		220-24624		02/25/2009 10:41	1	TAL CT	BK
A:8260B	LCS 220-24624/2		220-24624		02/25/2009 10:41	1	TAL CT	BK
P:3010A	LCS 220-24396/2-A		220-24446	220-24396	02/17/2009 14:11	1	TAL CT	JFV
A:6010B	LCS 220-24396/2-A		220-24446	220-24396	02/18/2009 10:56	1	TAL CT	NP
P:3010A	LCS 220-24419/2-A		220-24446	220-24419	02/18/2009 11:14	1	TAL CT	JFV
A:6010B	LCS 220-24419/2-A		220-24446	220-24419	02/18/2009 16:18	1	TAL CT	NP
P:3010A	LCS 220-24468/2-A		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	LCS 220-24468/2-A		220-24514	220-24468	02/20/2009 14:13	1	TAL CT	NP
A:9060	LCS 220-24587/5 ^4		220-24587		02/17/2009 19:02	4	TAL CT	DM
A:SM 2320B	LCS 220-24327/9		220-24327		02/13/2009 13:25	1	TAL CT	JM
A:SM 2320B	LCS 220-24327/19		220-24327		02/13/2009 14:55	1	TAL CT	JM
A:SM 2320B	LCS 220-24327/26		220-24327		02/13/2009 15:43	1	TAL CT	JM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MSB 220-24589/12		220-24589		02/23/2009 17:40	1	TAL CT	BK
A:8260B	MSB 220-24589/12		220-24589		02/23/2009 17:40	1	TAL CT	BK

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8064-B-24 MS		220-24589		02/23/2009 16:47	1	TAL CT	BK
A:8260B	220-8064-B-24 MS		220-24589		02/23/2009 16:47	1	TAL CT	BK
P:3010A	220-8093-A-6-C MS		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8093-A-6-C MS		220-24514	220-24468	02/20/2009 15:32	1	TAL CT	NP

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG: 220-8033

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8064-B-24 MSD		220-24589		02/23/2009 17:14	1	TAL CT	BK
A:8260B	220-8064-B-24 MSD		220-24589		02/23/2009 17:14	1	TAL CT	BK

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8093-A-6-B DU		220-24514	220-24468	02/19/2009 13:45	1	TAL CT	JFV
A:6010B	220-8093-A-6-B DU		220-24514	220-24468	02/20/2009 15:28	1	TAL CT	NP

Lab References:
TAL CT = TestAmerica Connecticut

GC/MS VOA

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	12DCE #	TOL #	BFB #
OW-3	220-8033-1	103	98	98	81
OW-5	220-8033-2	83	80	87	73
OW-5	220-8033-2	95	90	92	76
OW-6	220-8033-3	90	88	93	79
OW-6	220-8033-3	98	93	93	78
OW-7	220-8033-4	114	111	117	101
OW-7	220-8033-4	98	93	92	77
MW-26I	220-8033-5	102	119	92	90
MW-26I	220-8033-5	101	117	91	89
MW-30I	220-8033-6	106	125	86	81
MW-31I	220-8033-7	107	123	88	84
MW-33I	220-8033-8	108	125	87	84
MW-34I	220-8033-9	106	123	87	82
MW-34I	220-8033-9	100	109	91	86
MW-35I	220-8033-10	103	122	88	82
MW-35I	220-8033-10	100	111	91	85
DUP-021109	220-8033-11	97	108	90	86
FB-021109	220-8033-12	100	109	91	87
	MB 220-24434/3	91	89	95	82
	MB 220-24545/3	117	107	114	102
	MB 220-24575/3	105	122	91	90
	MB 220-24589/3	110	125	97	94
	MB 220-24624/3	102	119	91	89
	LCS 220-24434/2	87	84	91	73
	LCS 220-24545/2	115	103	118	94
	LCS 220-24575/2	103	121	91	87
	LCS 220-24589/2	107	121	98	93
	LCS 220-24624/2	98	112	91	89
	MSB 220-24589/12	96	109	88	84
	220-8064-B-24 MS	98	113	87	84
	220-8064-B-24 MSD	97	113	87	84

	QC LIMITS
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: W3074.D

Lab ID: LCS 220-24434/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	17.1	171	18-263	
Benzene	10.0	8.89	89	68-126	
Bromodichloromethane	10.0	8.61	86	67-118	
Bromoform	10.0	7.58	76	63-115	
Bromomethane	10.0	9.65	97	27-171	
Methyl Ethyl Ketone	10.0	26.6	266	30-222	*
Carbon disulfide	10.0	11.3	113	44-142	
Carbon tetrachloride	10.0	9.07	91	56-131	
Chlorobenzene	10.0	8.01	80	71-114	
Chloroethane	10.0	9.03	90	53-167	
Chloroform	10.0	8.80	88	70-124	
Chloromethane	10.0	10.8	108	43-134	
Dibromochloromethane	10.0	8.13	81	65-114	
1,1-Dichloroethane	10.0	8.95	90	67-121	
1,2-Dichloroethane	10.0	8.32	83	68-124	
1,1-Dichloroethene	10.0	9.41	94	57-137	
1,2-Dichloropropane	10.0	9.15	91	69-122	
cis-1,3-Dichloropropene	10.0	8.59	86	60-122	
trans-1,3-Dichloropropene	10.0	8.82	88	55-126	
Ethylbenzene	10.0	7.83	78	71-115	
2-Hexanone	10.0	10.4	104	54-179	
Methylene Chloride	10.0	8.64	86	61-129	
methyl isobutyl ketone	10.0	8.77 J	88	61-140	
Styrene	10.0	6.39	64	69-112	*
1,1,2,2-Tetrachloroethane	10.0	8.66	87	66-129	
Tetrachloroethene	10.0	6.88	69	62-118	
Toluene	10.0	8.24	82	70-116	
1,1,1-Trichloroethane	10.0	8.55	86	60-128	
1,1,2-Trichloroethane	10.0	9.28	93	70-119	
Trichloroethene	10.0	7.72	77	58-125	
Vinyl chloride	10.0	9.45	95	51-139	
Xylenes, Total	30.0	24.2	81	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: W3153.D

Lab ID: LCS 220-24545/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	12.8	128	18-263	
Benzene	10.0	10.9	109	68-126	
Bromodichloromethane	10.0	10.2	102	67-118	
Bromoform	10.0	8.60	86	63-115	
Bromomethane	10.0	10.1	101	27-171	
Methyl Ethyl Ketone	10.0	22.8	228	30-222	*
Carbon disulfide	10.0	14.3	143	44-142	*
Carbon tetrachloride	10.0	8.92	89	56-131	
Chlorobenzene	10.0	9.13	91	71-114	
Chloroethane	10.0	10.7	107	53-167	
Chloroform	10.0	10.6	106	70-124	
Chloromethane	10.0	12.0	120	43-134	
Dibromochloromethane	10.0	9.05	90	65-114	
1,1-Dichloroethane	10.0	11.1	111	67-121	
1,2-Dichloroethane	10.0	9.83	98	68-124	
1,1-Dichloroethene	10.0	11.5	115	57-137	
1,2-Dichloropropane	10.0	11.7	117	69-122	
cis-1,3-Dichloropropene	10.0	10.7	107	60-122	
trans-1,3-Dichloropropene	10.0	10.8	108	55-126	
Ethylbenzene	10.0	8.78	88	71-115	
2-Hexanone	10.0	9.24 J	92	54-179	
Methylene Chloride	10.0	12.5	125	61-129	
methyl isobutyl ketone	10.0	11.7	117	61-140	
Styrene	10.0	7.24	72	69-112	
1,1,2,2-Tetrachloroethane	10.0	11.7	117	66-129	
Tetrachloroethene	10.0	7.06	71	62-118	
Toluene	10.0	9.47	95	70-116	
1,1,1-Trichloroethane	10.0	8.96	90	60-128	
1,1,2-Trichloroethane	10.0	11.8	118	70-119	
Trichloroethene	10.0	8.50	85	58-125	
Vinyl chloride	10.0	10.6	106	51-139	
Xylenes, Total	30.0	26.8	89	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: V1988.D

Lab ID: LCS 220-24575/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	24.0	240	18-263	
Benzene	10.0	8.48	85	68-126	
Bromodichloromethane	10.0	10.7	107	67-118	
Bromoform	10.0	9.79	98	63-115	
Bromomethane	10.0	13.3	133	27-171	
Methyl Ethyl Ketone	10.0	15.8	158	30-222	
Carbon disulfide	10.0	10.3	103	44-142	
Carbon tetrachloride	10.0	12.3	123	56-131	
Chlorobenzene	10.0	8.49	85	71-114	
Chloroethane	10.0	8.67	87	53-167	
Chloroform	10.0	10.7	107	70-124	
Chloromethane	10.0	11.0	110	43-134	
Dibromochloromethane	10.0	10.1	101	65-114	
1,1-Dichloroethane	10.0	10.0	100	67-121	
1,2-Dichloroethane	10.0	12.0	120	68-124	
1,1-Dichloroethene	10.0	9.23	92	57-137	
1,2-Dichloropropane	10.0	8.64	86	69-122	
cis-1,3-Dichloropropene	10.0	8.57	86	60-122	
trans-1,3-Dichloropropene	10.0	9.54	95	55-126	
Ethylbenzene	10.0	8.12	81	71-115	
2-Hexanone	10.0	11.6	116	54-179	
Methylene Chloride	10.0	9.18	92	61-129	
methyl isobutyl ketone	10.0	9.55 J	95	61-140	
Styrene	10.0	6.85	68	69-112	*
1,1,2,2-Tetrachloroethane	10.0	9.46	95	66-129	
Tetrachloroethene	10.0	7.45	74	62-118	
Toluene	10.0	8.10	81	70-116	
1,1,1-Trichloroethane	10.0	11.7	117	60-128	
1,1,2-Trichloroethane	10.0	9.29	93	70-119	
Trichloroethene	10.0	8.13	81	58-125	
Vinyl chloride	10.0	10.0	100	51-139	
Xylenes, Total	30.0	23.2	77	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: V1951.D

Lab ID: LCS 220-24589/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	21.6	216	18-263	
Benzene	10.0	8.71	87	68-126	
Bromodichloromethane	10.0	10.8	108	67-118	
Bromoform	10.0	10.2	102	63-115	
Bromomethane	10.0	11.5	115	27-171	
Methyl Ethyl Ketone	10.0	15.2	152	30-222	
Carbon disulfide	10.0	10.3	103	44-142	
Carbon tetrachloride	10.0	12.0	120	56-131	
Chlorobenzene	10.0	8.59	86	71-114	
Chloroethane	10.0	10.8	108	53-167	
Chloroform	10.0	10.8	108	70-124	
Chloromethane	10.0	11.4	114	43-134	
Dibromochloromethane	10.0	10.2	102	65-114	
1,1-Dichloroethane	10.0	10.0	100	67-121	
1,2-Dichloroethane	10.0	11.9	119	68-124	
1,1-Dichloroethene	10.0	9.21	92	57-137	
1,2-Dichloropropane	10.0	8.89	89	69-122	
cis-1,3-Dichloropropene	10.0	8.90	89	60-122	
trans-1,3-Dichloropropene	10.0	9.77	98	55-126	
Ethylbenzene	10.0	8.22	82	71-115	
2-Hexanone	10.0	10.8	108	54-179	
Methylene Chloride	10.0	9.36	94	61-129	
methyl isobutyl ketone	10.0	10.0	100	61-140	
Styrene	10.0	7.30	73	69-112	
1,1,2,2-Tetrachloroethane	10.0	9.53	95	66-129	
Tetrachloroethene	10.0	7.55	76	62-118	
Toluene	10.0	8.31	83	70-116	
1,1,1-Trichloroethane	10.0	11.4	114	60-128	
1,1,2-Trichloroethane	10.0	9.64	96	70-119	
Trichloroethene	10.0	8.35	84	58-125	
Vinyl chloride	10.0	10.3	103	51-139	
Xylenes, Total	30.0	24.3	81	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: V2026.D

Lab ID: LCS 220-24624/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	22.1	221	18-263	
Benzene	10.0	8.81	88	68-126	
Bromodichloromethane	10.0	10.7	107	67-118	
Bromoform	10.0	9.87	99	63-115	
Bromomethane	10.0	12.8	128	27-171	
Methyl Ethyl Ketone	10.0	16.7	167	30-222	
Carbon disulfide	10.0	10.5	105	44-142	
Carbon tetrachloride	10.0	12.4	124	56-131	
Chlorobenzene	10.0	8.76	88	71-114	
Chloroethane	10.0	11.1	111	53-167	
Chloroform	10.0	10.8	108	70-124	
Chloromethane	10.0	12.0	120	43-134	
Dibromochloromethane	10.0	10.4	104	65-114	
1,1-Dichloroethane	10.0	10.3	103	67-121	
1,2-Dichloroethane	10.0	11.8	118	68-124	
1,1-Dichloroethene	10.0	9.70	97	57-137	
1,2-Dichloropropane	10.0	8.96	90	69-122	
cis-1,3-Dichloropropene	10.0	8.84	88	60-122	
trans-1,3-Dichloropropene	10.0	9.69	97	55-126	
Ethylbenzene	10.0	8.51	85	71-115	
2-Hexanone	10.0	12.1	121	54-179	
Methylene Chloride	10.0	10.1	101	61-129	
methyl isobutyl ketone	10.0	10.2	102	61-140	
Styrene	10.0	7.50	75	69-112	
1,1,2,2-Tetrachloroethane	10.0	9.59	96	66-129	
Tetrachloroethene	10.0	7.95	80	62-118	
Toluene	10.0	8.61	86	70-116	
1,1,1-Trichloroethane	10.0	11.7	117	60-128	
1,1,2-Trichloroethane	10.0	9.30	93	70-119	
Trichloroethene	10.0	8.40	84	58-125	
Vinyl chloride	10.0	10.8	108	51-139	
Xylenes, Total	30.0	25.1	84	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: V1964.D

Lab ID: MSB 220-24589/12 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSB CONCENTRATION (ug/L)	MSB % REC	QC LIMITS REC	#
Acetone	20.0	26.5	133	18-263	
Benzene	20.0	18.4	92	68-126	
Bromodichloromethane	20.0	22.7	114	67-118	
Bromoform	20.0	22.9	114	63-115	
Bromomethane	20.0	30.2	151	27-171	
Methyl Ethyl Ketone	20.0	21.4	107	30-222	
Carbon disulfide	20.0	18.9	95	44-142	
Carbon tetrachloride	20.0	24.3	122	56-131	
Chlorobenzene	20.0	19.0	95	71-114	
Chloroethane	20.0	21.2	106	53-167	
Chloroform	20.0	21.4	107	70-124	
Chloromethane	20.0	20.0	100	43-134	
Dibromochloromethane	20.0	22.3	111	65-114	
1,1-Dichloroethane	20.0	20.6	103	67-121	
1,2-Dichloroethane	20.0	25.8	129	68-124	*
1,1-Dichloroethene	20.0	18.8	94	57-137	
1,2-Dichloropropane	20.0	19.0	95	69-122	
cis-1,3-Dichloropropene	20.0	21.0	105	60-122	
trans-1,3-Dichloropropene	20.0	23.1	115	55-126	
Ethylbenzene	20.0	18.9	94	71-115	
2-Hexanone	20.0	20.8	104	54-179	
Methylene Chloride	20.0	19.8	99	61-129	
methyl isobutyl ketone	20.0	20.7	104	61-140	
Styrene	20.0	19.8	99	69-112	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	66-129	
Tetrachloroethene	20.0	18.6	93	62-118	
Toluene	20.0	18.6	93	70-116	
1,1,1-Trichloroethane	20.0	23.1	115	60-128	
1,1,2-Trichloroethane	20.0	20.6	103	70-119	
Trichloroethene	20.0	19.1	96	58-125	
Vinyl chloride	20.0	17.4	87	51-139	
Xylenes, Total	60.0	56.5	94	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: V1962.D

Lab ID: 220-8064-B-24 MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acetone	20.0	10 U	26.8	134	18-263	
Benzene	20.0	5.0 U	17.3	87	68-126	
Bromodichloromethane	20.0	5.0 U	21.2	106	67-118	
Bromoform	20.0	5.0 U	21.8	109	63-115	
Bromomethane	20.0	5.0 U	32.0	160	27-171	
Methyl Ethyl Ketone	20.0	10 U	22.3	111	30-222	
Carbon disulfide	20.0	5.0 U	18.3	92	44-142	
Carbon tetrachloride	20.0	5.0 U	24.1	121	56-131	
Chlorobenzene	20.0	5.0 U	17.8	89	71-114	
Chloroethane	20.0	5.0 U	26.7	134	53-167	
Chloroform	20.0	5.0 U	20.2	101	70-124	
Chloromethane	20.0	5.0 U	23.4	117	43-134	
Dibromochloromethane	20.0	5.0 U	21.3	107	65-114	
1,1-Dichloroethane	20.0	5.0 U	19.3	96	67-121	
1,2-Dichloroethane	20.0	5.0 U	24.6	123	68-124	
1,1-Dichloroethene	20.0	5.0 U	18.2	91	57-137	
1,2-Dichloropropane	20.0	5.0 U	17.6	88	69-122	
cis-1,3-Dichloropropene	20.0	5.0 U	18.9	94	60-122	
trans-1,3-Dichloropropene	20.0	5.0 U	21.5	108	55-126	
Ethylbenzene	20.0	5.0 U	17.8	89	71-115	
2-Hexanone	20.0	10 U	22.1	111	54-179	
Methylene Chloride	20.0	5.0 U	17.9	90	61-129	
methyl isobutyl ketone	20.0	10 U	20.6	103	61-140	
Styrene	20.0	5.0 U	18.1	90	69-112	
1,1,2,2-Tetrachloroethane	20.0	5.0 U	18.4	92	66-129	
Tetrachloroethene	20.0	1.9 J	18.5	83	62-118	
Toluene	20.0	5.0 U	17.1	86	70-116	
1,1,1-Trichloroethane	20.0	5.0 U	22.2	111	60-128	
1,1,2-Trichloroethane	20.0	5.0 U	19.4	97	70-119	
Trichloroethene	20.0	5.0 U	18.3	91	58-125	
Vinyl chloride	20.0	5.0 U	22.9	114	51-139	
Xylenes, Total	60.0	5.0 U	52.6	88	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Level: Low Lab File ID: V1963.D

Lab ID: 220-8064-B-24 MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	20.0	25.9	129	4	20	18-263	
Benzene	20.0	16.9	85	2	20	68-126	
Bromodichloromethane	20.0	20.8	104	2	20	67-118	
Bromoform	20.0	21.2	106	3	20	63-115	
Bromomethane	20.0	31.9	159	1	20	27-171	
Methyl Ethyl Ketone	20.0	20.3	102	9	20	30-222	
Carbon disulfide	20.0	17.6	88	4	20	44-142	
Carbon tetrachloride	20.0	22.6	113	6	20	56-131	
Chlorobenzene	20.0	17.3	86	3	20	71-114	
Chloroethane	20.0	26.2	131	2	20	53-167	
Chloroform	20.0	19.8	99	2	20	70-124	
Chloromethane	20.0	22.2	111	5	20	43-134	
Dibromochloromethane	20.0	20.6	103	4	20	65-114	
1,1-Dichloroethane	20.0	18.5	93	4	20	67-121	
1,2-Dichloroethane	20.0	24.0	120	3	20	68-124	
1,1-Dichloroethene	20.0	17.5	87	4	20	57-137	
1,2-Dichloropropane	20.0	17.3	86	2	20	69-122	
cis-1,3-Dichloropropene	20.0	18.5	92	2	20	60-122	
trans-1,3-Dichloropropene	20.0	20.9	104	3	20	55-126	
Ethylbenzene	20.0	17.0	85	5	20	71-115	
2-Hexanone	20.0	20.0	100	10	20	54-179	
Methylene Chloride	20.0	17.4	87	3	20	61-129	
methyl isobutyl ketone	20.0	18.8	94	9	20	61-140	
Styrene	20.0	17.8	89	2	20	69-112	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	6	20	66-129	
Tetrachloroethene	20.0	17.6	78	5	20	62-118	
Toluene	20.0	16.7	83	3	20	70-116	
1,1,1-Trichloroethane	20.0	21.0	105	5	20	60-128	
1,1,2-Trichloroethane	20.0	18.6	93	4	20	70-119	
Trichloroethene	20.0	17.1	86	7	20	58-125	
Vinyl chloride	20.0	21.3	107	7	20	51-139	
Xylenes, Total	60.0	51.0	85	3	20	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: W3076.D Lab Sample ID: MB 220-24434/3

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

Instrument ID: MSW Date Analyzed: 02/18/2009 10:59

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24434/2	W3074.D	02/18/2009 10:00
OW-5	220-8033-2	W3093.D	02/18/2009 19:20
OW-7	220-8033-4	W3094.D	02/18/2009 19:49
OW-6	220-8033-3	W3095.D	02/18/2009 20:19

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: W3155.D Lab Sample ID: MB 220-24545/3

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

Instrument ID: MSW Date Analyzed: 02/20/2009 16:00

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24545/2	W3153.D	02/20/2009 15:00
OW-3	220-8033-1	W3162.D	02/20/2009 19:26
OW-7	220-8033-4	W3163.D	02/20/2009 19:56
OW-5	220-8033-2	W3164.D	02/20/2009 20:26
OW-6	220-8033-3	W3165.D	02/20/2009 20:55

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: V1952.D Lab Sample ID: MB 220-24589/3

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

Instrument ID: MSV Date Analyzed: 02/23/2009 12:22

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24589/2	V1951.D	02/23/2009 11:54
	220-8064-B-24 MS	V1962.D	02/23/2009 16:47
	220-8064-B-24 MSD	V1963.D	02/23/2009 17:14
	MSB 220-24589/12	V1964.D	02/23/2009 17:40
MW-30I	220-8033-6	V1971.D	02/23/2009 20:46
MW-31I	220-8033-7	V1972.D	02/23/2009 21:12
MW-34I	220-8033-9	V1973.D	02/23/2009 21:38
MW-35I	220-8033-10	V1974.D	02/23/2009 22:05
MW-33I	220-8033-8	V1975.D	02/23/2009 22:31

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: V1991.D Lab Sample ID: MB 220-24575/3

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

Instrument ID: MSV Date Analyzed: 02/24/2009 11:08

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24575/2	V1988.D	02/24/2009 09:49
DUP-021109	220-8033-11	V2008.D	02/24/2009 18:38
FB-021109	220-8033-12	V2009.D	02/24/2009 19:04
MW-34I	220-8033-9	V2010.D	02/24/2009 19:31
MW-35I	220-8033-10	V2011.D	02/24/2009 19:57

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: V2028.D Lab Sample ID: MB 220-24624/3

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

Instrument ID: MSV Date Analyzed: 02/25/2009 11:34

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-24624/2	V2026.D	02/25/2009 10:41
MW-26I	220-8033-5	V2029.D	02/25/2009 12:01
MW-26I	220-8033-5	V2031.D	02/25/2009 12:54

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: VB469.D BFB Injection Date: 02/17/2009

Instrument ID: MSV BFB Injection Time: 15:30

Analysis Batch No.: 24442

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.6	
75	30.0 - 60.0 % of mass 95	43.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	94.2	
175	5.0 - 9.0 % of mass 174	7.2	(7.6)1
176	95.0 - 101.0 % of mass 174	91.1	(96.7)1
177	5.0 - 9.0 % of mass 176	6.2	(6.8)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-24442/1	V1794.D	02/17/2009	16:12
	IC 220-24442/2	V1795.D	02/17/2009	16:39
	IC 220-24442/3	V1796.D	02/17/2009	17:05
	ICIS 220-24442/4	V1797.D	02/17/2009	17:32
	IC 220-24442/5	V1798.D	02/17/2009	17:58
	IC 220-24442/6	V1799.D	02/17/2009	18:24

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: VB480.D BFB Injection Date: 02/23/2009

Instrument ID: MSV BFB Injection Time: 11:04

Analysis Batch No.: 24589

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
75	30.0 - 60.0 % of mass 95	47.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	99.3	
175	5.0 - 9.0 % of mass 174	7.6	(7.7)1
176	95.0 - 101.0 % of mass 174	96.3	(97.0)1
177	5.0 - 9.0 % of mass 176	6.3	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24589/1	V1950.D	02/23/2009	11:14
	LCS 220-24589/2	V1951.D	02/23/2009	11:54
	MB 220-24589/3	V1952.D	02/23/2009	12:22
	220-8064-B-24 MS	V1962.D	02/23/2009	16:47
	220-8064-B-24 MSD	V1963.D	02/23/2009	17:14
	MSB 220-24589/12	V1964.D	02/23/2009	17:40
MW-30I	220-8033-6	V1971.D	02/23/2009	20:46
MW-31I	220-8033-7	V1972.D	02/23/2009	21:12
MW-34I	220-8033-9	V1973.D	02/23/2009	21:38
MW-35I	220-8033-10	V1974.D	02/23/2009	22:05
MW-33I	220-8033-8	V1975.D	02/23/2009	22:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: VB481.D BFB Injection Date: 02/24/2009

Instrument ID: MSV BFB Injection Time: 09:00

Analysis Batch No.: 24575

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	49.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	97.2	
175	5.0 - 9.0 % of mass 174	7.6	(7.8)1
176	95.0 - 101.0 % of mass 174	94.0	(96.7)1
177	5.0 - 9.0 % of mass 176	6.1	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24575/1	V1987.D	02/24/2009	09:10
	LCS 220-24575/2	V1988.D	02/24/2009	09:49
	MB 220-24575/3	V1991.D	02/24/2009	11:08
DUP-021109	220-8033-11	V2008.D	02/24/2009	18:38
FB-021109	220-8033-12	V2009.D	02/24/2009	19:04
MW-34I	220-8033-9	V2010.D	02/24/2009	19:31
MW-35I	220-8033-10	V2011.D	02/24/2009	19:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: VB483.D BFB Injection Date: 02/25/2009

Instrument ID: MSV BFB Injection Time: 09:54

Analysis Batch No.: 24624

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	99.3	
175	5.0 - 9.0 % of mass 174	7.5	(7.5)1
176	95.0 - 101.0 % of mass 174	95.6	(96.3)1
177	5.0 - 9.0 % of mass 176	6.5	(6.8)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24624/1	V2025.D	02/25/2009	10:04
	LCS 220-24624/2	V2026.D	02/25/2009	10:41
	MB 220-24624/3	V2028.D	02/25/2009	11:34
MW-26I	220-8033-5	V2029.D	02/25/2009	12:01
MW-26I	220-8033-5	V2031.D	02/25/2009	12:54

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: WB025.D BFB Injection Date: 02/16/2009

Instrument ID: MSW BFB Injection Time: 17:23

Analysis Batch No.: 24370

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	50.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.6	(0.6)1
174	50.0 - 120.00 % of mass 95	88.0	
175	5.0 - 9.0 % of mass 174	6.1	(7.0)1
176	95.0 - 101.0 % of mass 174	85.6	(97.3)1
177	5.0 - 9.0 % of mass 176	5.7	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-24370/1	W2997.D	02/16/2009	18:01
	IC 220-24370/2	W2998.D	02/16/2009	18:31
	IC 220-24370/3	W2999.D	02/16/2009	19:00
	ICIS 220-24370/4	W3000.D	02/16/2009	19:30
	IC 220-24370/5	W3001.D	02/16/2009	19:59
	IC 220-24370/6	W3002.D	02/16/2009	20:28

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: WB030.D BFB Injection Date: 02/18/2009

Instrument ID: MSW BFB Injection Time: 09:12

Analysis Batch No.: 24434

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.6	
75	30.0 - 60.0 % of mass 95	51.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	87.7	
175	5.0 - 9.0 % of mass 174	6.4	(7.3)1
176	95.0 - 101.0 % of mass 174	85.6	(97.6)1
177	5.0 - 9.0 % of mass 176	5.7	(6.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24434/1	W3073.D	02/18/2009	09:21
	LCS 220-24434/2	W3074.D	02/18/2009	10:00
	MB 220-24434/3	W3076.D	02/18/2009	10:59
OW-5	220-8033-2	W3093.D	02/18/2009	19:20
OW-7	220-8033-4	W3094.D	02/18/2009	19:49
OW-6	220-8033-3	W3095.D	02/18/2009	20:19

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab File ID: WB035.D BFB Injection Date: 02/20/2009

Instrument ID: MSW BFB Injection Time: 12:50

Analysis Batch No.: 24545

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.6	
75	30.0 - 60.0 % of mass 95	48.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.5	(0.5)1
174	50.0 - 120.00 % of mass 95	89.3	
175	5.0 - 9.0 % of mass 174	6.4	(7.2)1
176	95.0 - 101.0 % of mass 174	87.0	(97.4)1
177	5.0 - 9.0 % of mass 176	5.6	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-24545/1	W3152.D	02/20/2009	13:40
	LCS 220-24545/2	W3153.D	02/20/2009	15:00
	MB 220-24545/3	W3155.D	02/20/2009	16:00
OW-3	220-8033-1	W3162.D	02/20/2009	19:26
OW-7	220-8033-4	W3163.D	02/20/2009	19:56
OW-5	220-8033-2	W3164.D	02/20/2009	20:26
OW-6	220-8033-3	W3165.D	02/20/2009	20:55

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

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Sample No.: CCVIS 220-24589/1 Date Analyzed: 02/23/2009 11:14

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V1950.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		868630	4.72	653620	8.46	377123	10.96
UPPER LIMIT		1737260	5.22	1307240	8.96	754246	11.46
LOWER LIMIT		434315	4.22	326810	7.96	188562	10.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24589/2		882427	4.72	673649	8.46	386035	10.96
MB 220-24589/3		886312	4.72	683907	8.46	368629	10.96
220-8064-B-24 MS		835034	4.72	647444	8.46	369764	10.96
220-8064-B-24 MSD		852337	4.72	654078	8.46	371896	10.96
MSB 220-24589/12		869661	4.72	666533	8.46	380368	10.96
220-8033-6	MW-30I	743208	4.72	591783	8.46	324453	10.96
220-8033-7	MW-31I	727356	4.72	576369	8.46	313925	10.96
220-8033-9	MW-34I	733734	4.72	571352	8.46	314931	10.96
220-8033-10	MW-35I	754463	4.72	575214	8.46	316251	10.96
220-8033-8	MW-33I	714189	4.72	567605	8.46	310843	10.96

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Sample No.: CCVIS 220-24575/1 Date Analyzed: 02/24/2009 09:10

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V1987.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		790133	4.72	579813	8.46	339681	10.96
UPPER LIMIT		1580266	5.22	1159626	8.96	679362	11.46
LOWER LIMIT		395067	4.22	289907	7.96	169841	10.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24575/2		825723	4.72	616433	8.46	342959	10.96
MB 220-24575/3		822993	4.72	608905	8.46	314653	10.96
220-8033-11	DUP-021109	949278	4.72	709979	8.46	396692	10.96
220-8033-12	FB-021109	920517	4.72	700667	8.46	385806	10.96
220-8033-9	MW-34I	914805	4.72	687796	8.46	377303	10.96
220-8033-10	MW-35I	898751	4.72	675578	8.46	373546	10.96

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Sample No.: CCVIS 220-24624/1 Date Analyzed: 02/25/2009 10:04

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V2025.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		875283	4.72	645241	8.46	366755	10.96
UPPER LIMIT		1750566	5.22	1290482	8.96	733510	11.46
LOWER LIMIT		437642	4.22	322621	7.96	183378	10.46
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24624/2		931235	4.72	690143	8.46	379759	10.96
MB 220-24624/3		844368	4.72	636601	8.46	336273	10.96
220-8033-5	MW-26I	839307	4.72	626622	8.46	333002	10.96
220-8033-5	MW-26I	838259	4.72	617784	8.46	321417	10.96

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Sample No.: CCVIS 220-24434/1 Date Analyzed: 02/18/2009 09:21

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): W3073.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		277596	4.96	295483	8.71	180555	11.12
UPPER LIMIT		555192	5.46	590966	9.21	361110	11.62
LOWER LIMIT		138798	4.46	147742	8.21	90278	10.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24434/2		329833	4.96	356862	8.71	215942	11.12
MB 220-24434/3		304578	4.96	327991	8.71	167503	11.12
220-8033-2	OW-5	326946	4.96	350384	8.71	185716	11.12
220-8033-4	OW-7	248327	4.96	269752	8.71	139616	11.13
220-8033-3	OW-6	308591	4.97	336513	8.71	173928	11.12

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Sample No.: CCVIS 220-24545/1 Date Analyzed: 02/20/2009 13:40

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): W3152.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		447250	4.96	494230	8.71	293956	11.12
UPPER LIMIT		894500	5.46	988460	9.21	587912	11.62
LOWER LIMIT		223625	4.46	247115	8.21	146978	10.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-24545/2		354422	4.96	404599	8.71	239429	11.12
MB 220-24545/3		309966	4.96	359429	8.71	176599	11.12
220-8033-1	OW-3	312289	4.96	360767	8.71	189250	11.12
220-8033-4	OW-7	321666	4.96	372802	8.71	193662	11.12
220-8033-2	OW-5	323260	4.96	370050	8.71	193487	11.12
220-8033-3	OW-6	317991	4.96	365649	8.71	186317	11.12

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-3 | Lab Sample ID: 220-8033-1

Matrix: Water | Lab File ID: W3162.D

Analysis Method: 8260B | Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/20/2009 19:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24545 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	0.85	J	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	3.7	J *	10	1.1
75-15-0	Carbon disulfide	5.0	U *	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	0.64	J	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.3	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	8.4		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-3 Lab Sample ID: 220-8033-1

Matrix: Water Lab File ID: W3162.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/20/2009 19:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24545 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	53-125	
460-00-4	4-Bromofluorobenzene	81	73-127	
1868-53-7	Dibromofluoromethane	103	54-137	
2037-26-5	Toluene-d8 (Surr)	98	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W3162.D
Lab Smp Id: 220-8033-C-1 Client Smp ID: OW-3
Inj Date : 20-FEB-2009 19:26 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8033-c-1
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W8260LOW.m
Meth Date : 20-Feb-2009 14:05 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

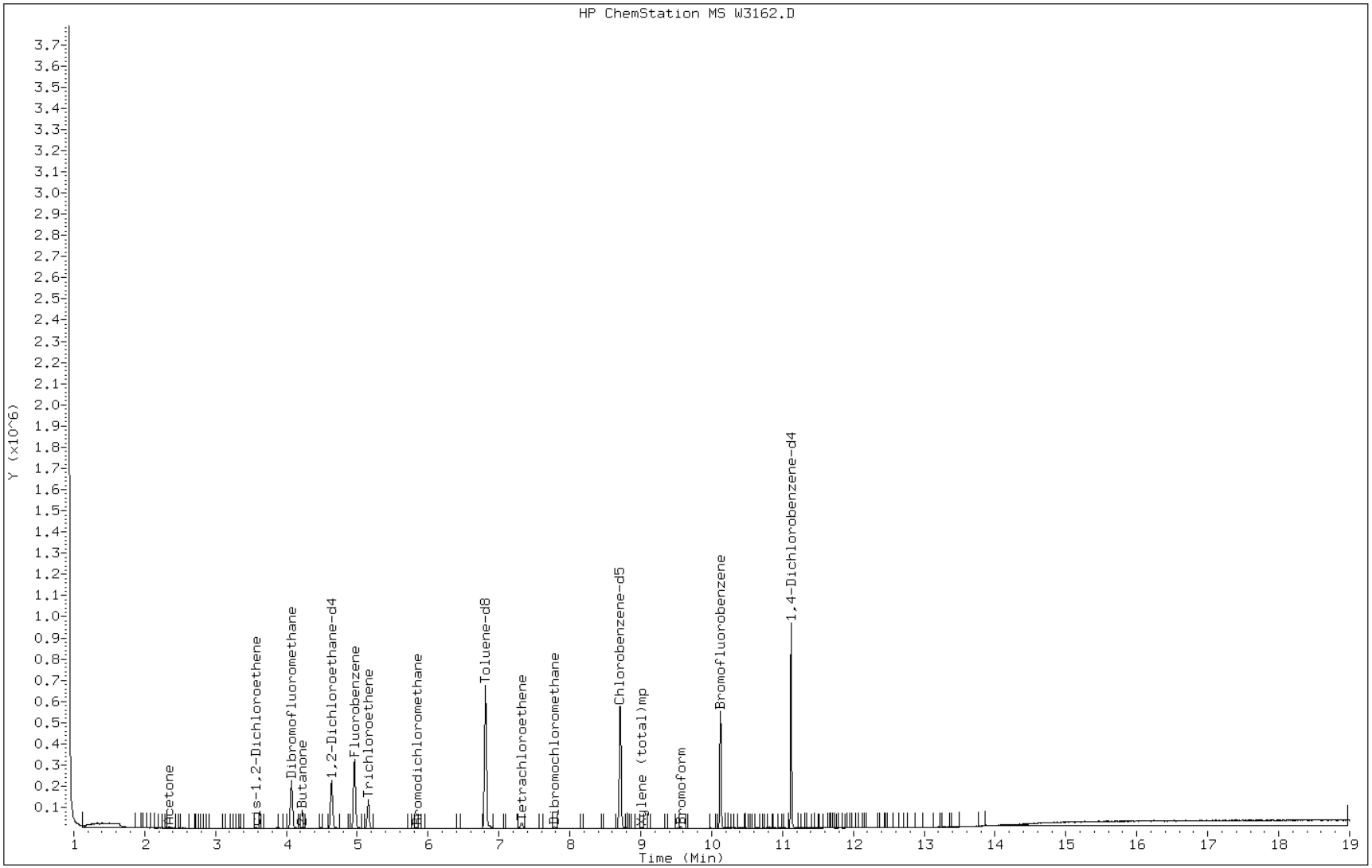
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.962	4.962	(1.000)	312289	25.0000	
	21 Acetone	43	2.346	2.346	(0.473)	7699	0.66756	0.7
	33 cis-1,2-Dichloroethene	96	3.571	3.577	(0.720)	2331	0.42315	0.4
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	142676	25.7215	26
	45 2-Butanone	43	4.224	4.219	(0.851)	4489	3.71178	4
$	55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	183740	24.4964	24
	60 Trichloroethene	130	5.155	5.155	(1.039)	49897	8.39022	8
	65 Bromodichloromethane	83	5.840	5.840	(1.177)	2361	0.30516	0.3
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	360767	25.0000	
	76 Toluene	91	6.878	6.872	(0.789)	7396	0.32229	0.3
$	77 Toluene-d8	98	6.808	6.808	(0.781)	491245	24.4588	24
	80 Tetrachloroethene	164	7.327	7.322	(0.841)	6843	1.31673	1
	82 Dibromochloromethane	129	7.776	7.782	(0.893)	4572	0.64433	0.6
	91 Xylene (total)mp	106	9.012	9.012	(1.034)	1325	0.13853	0.1
	94 Bromoform	173	9.569	9.563	(1.098)	4198	0.85011	0.8
*	95 1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	189250	25.0000	
$	125 Bromofluorobenzene	95	10.125	10.125	(0.911)	148191	20.2377	20
M	126 1,2-Dichloroethene (total)	100				2331	0.42315	0.4
M	127 Xylene (total)	100				1325	0.13853	0.1

Data File: W3162.D

Date: 20-FEB-2009 19:26

Client ID: OW-3 Instrument: msw.i

Sample Info: 220-8033-c-1 Operator: B.KOSTRZEWSKA



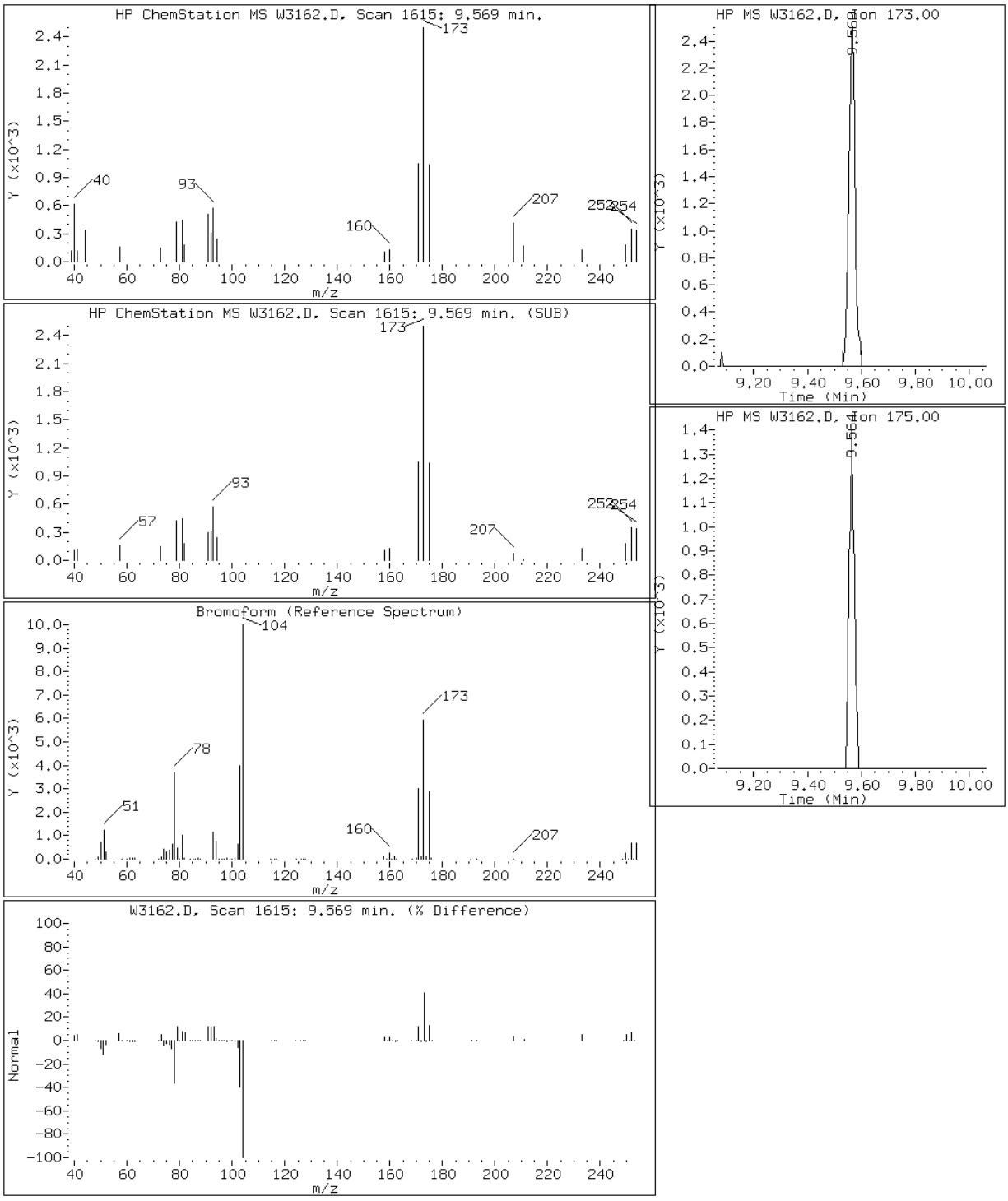
Data File: W3162.D

Date: 20-FEB-2009 19:26

Client ID: OW-3 Instrument: msw.i

Sample Info: 220-8033-c-1 Operator: B.KOSTRZEWSKA

94 Bromoform



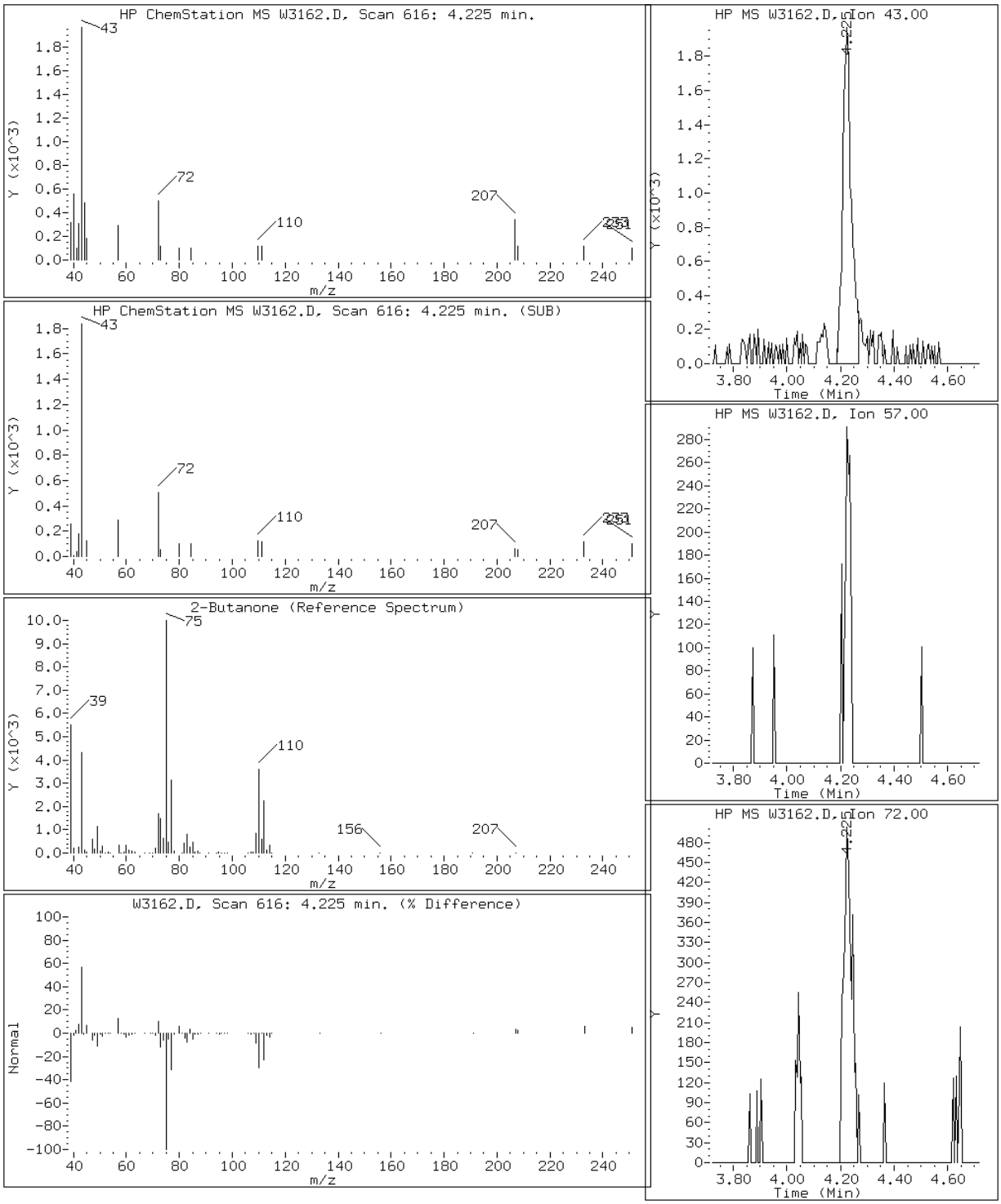
Data File: W3162.D

Date: 20-FEB-2009 19:26

Client ID: OW-3 Instrument: msw.i

Sample Info: 220-8033-c-1 Operator: B.KOSTRZEWSKA

45 2-Butanone



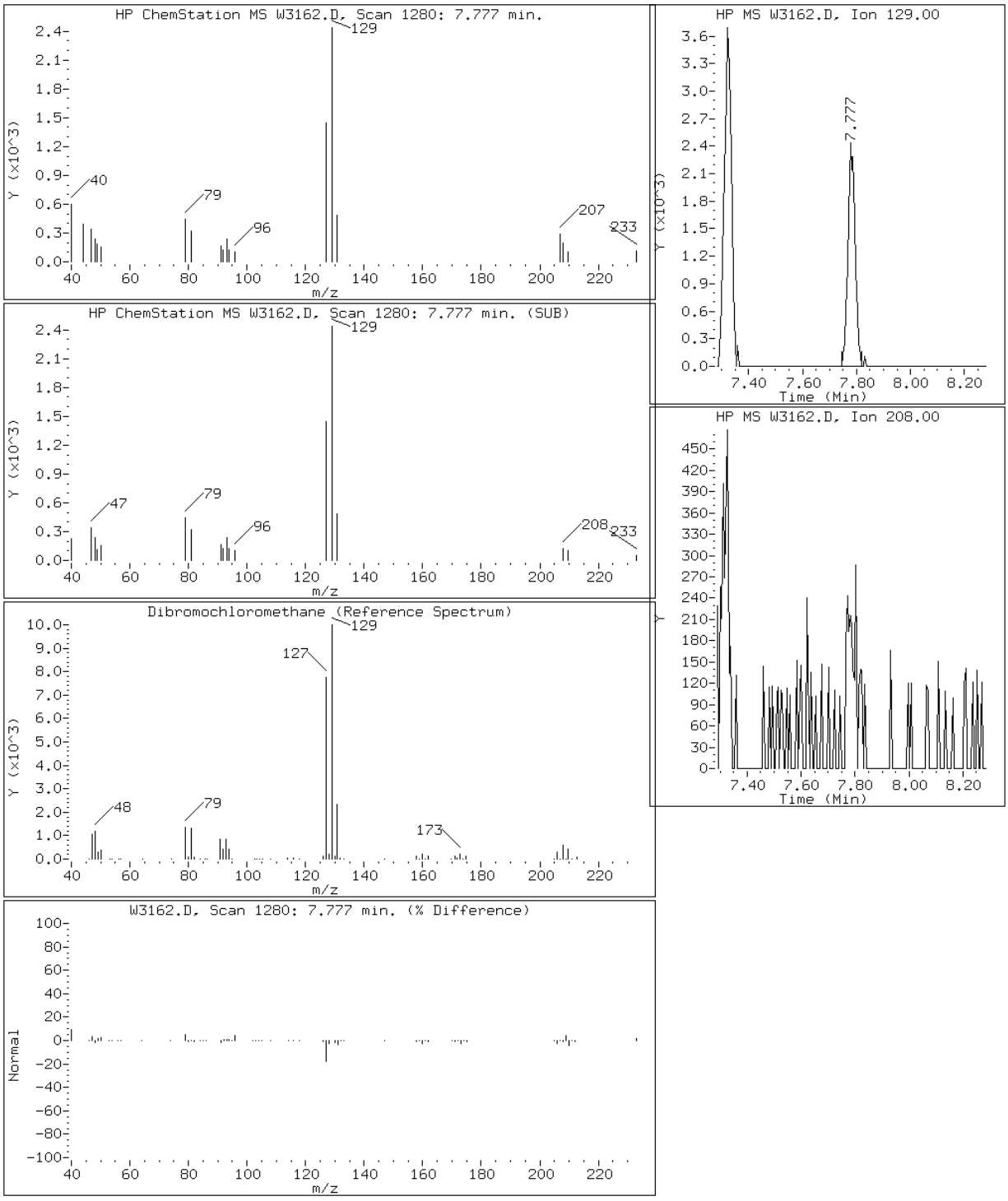
Data File: W3162.D

Date: 20-FEB-2009 19:26

Client ID: OW-3 Instrument: msw.i

Sample Info: 220-8033-c-1 Operator: B.KOSTRZEWSKA

82 Dibromochloromethane



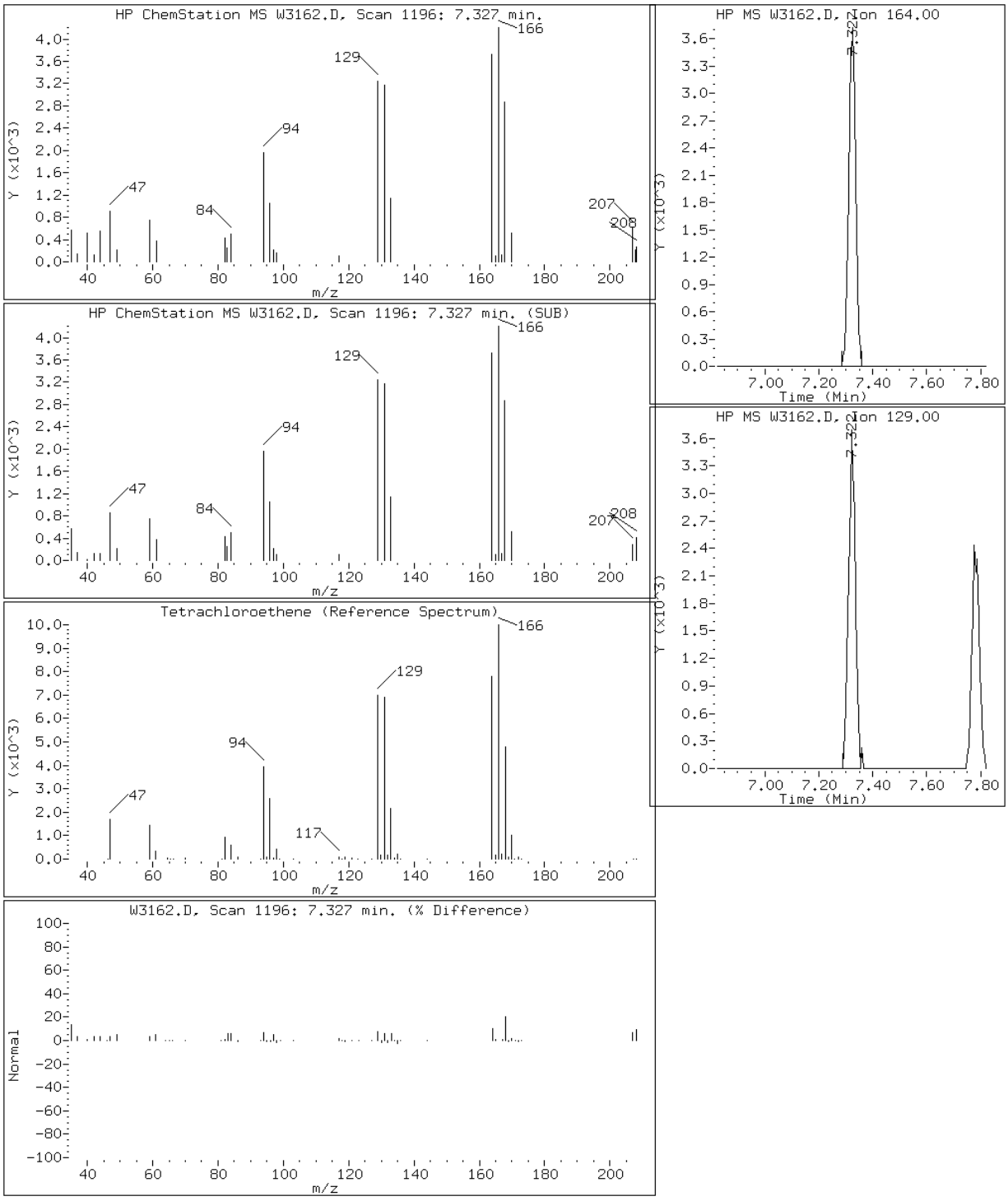
Data File: W3162.D

Date: 20-FEB-2009 19:26

Client ID: OW-3 Instrument: msw.i

Sample Info: 220-8033-c-1 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



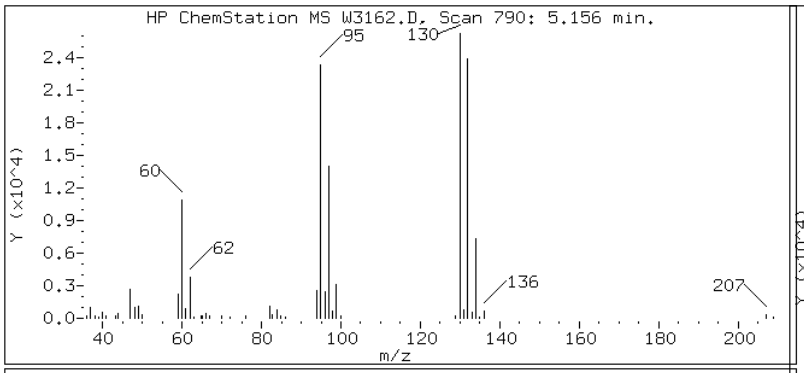
Data File: W3162.D

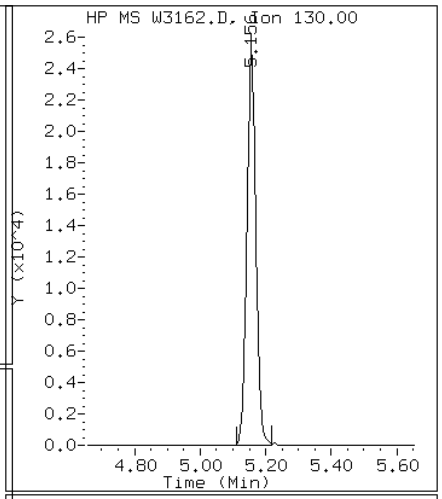
Date: 20-FEB-2009 19:26

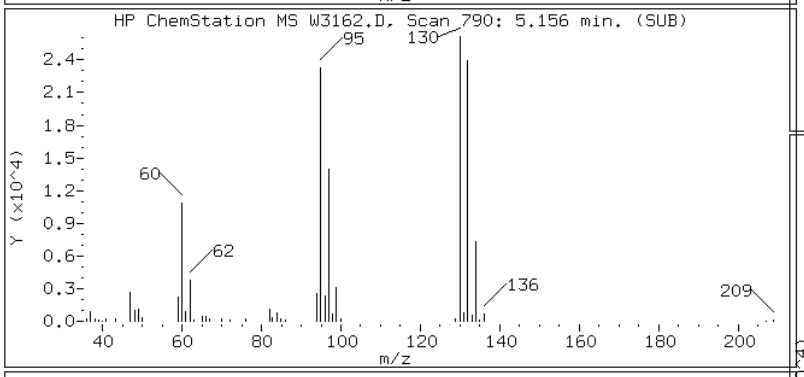
Client ID: OW-3 Instrument: msw.i

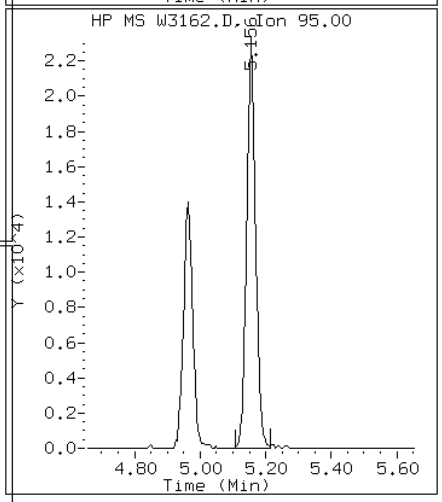
Sample Info: 220-8033-c-1 Operator: B.KOSTRZEWSKA

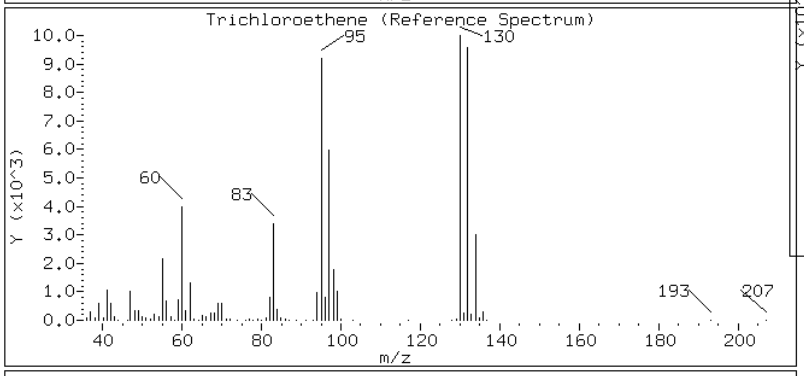
60 Trichloroethene

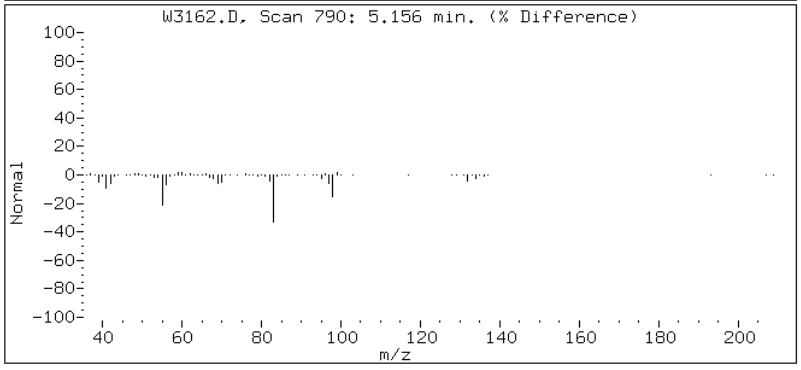












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-5 Lab Sample ID: 220-8033-2

Matrix: Water Lab File ID: W3093.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 19:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U *	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U *	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	17		5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.1	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	11		5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	48		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	0.85	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-5 Lab Sample ID: 220-8033-2

Matrix: Water Lab File ID: W3093.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 19:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80	53-125	
460-00-4	4-Bromofluorobenzene	73	73-127	
1868-53-7	Dibromofluoromethane	83	54-137	
2037-26-5	Toluene-d8 (Surr)	87	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W3093.D
Lab Smp Id: 220-8033-D-2 Client Smp ID: OW-5
Inj Date : 18-FEB-2009 19:20 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8033-d-2
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W8260LOW.m
Meth Date : 18-Feb-2009 09:42 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.963	4.962	(1.000)	326946	25.0000	
	4 Vinyl Chloride	62	1.175	1.175	(0.237)	52589	11.1794	11
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	59716	16.9342	17
	22 trans-1,2-Dichloroethene	96	2.437	2.443	(0.491)	6821	0.84841	0.8
	31 1,1-Dichloroethane	63	3.005	3.010	(0.605)	6479	0.72359	0.7(M)
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.721)	279530	48.4692	48
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	120640	20.7738	21
$	55 1,2-Dichloroethane-d4	65	4.636	4.641	(0.934)	156662	19.9500	20
	60 Trichloroethene	130	5.160	5.155	(1.040)	6055466	972.584	970(A)
	74 1,1,2-Trichloroethane	97	7.589	7.584	(1.529)	1776	0.35456	0.4(H)
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	350384	25.0000	
$	77 Toluene-d8	98	6.814	6.813	(0.782)	425398	21.8080	22
	80 Tetrachloroethene	164	7.327	7.327	(0.841)	5499	1.08947	1
*	95 1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	185716	25.0000	
$	125 Bromofluorobenzene	95	10.125	10.125	(0.911)	131827	18.3455	18
M	126 1,2-Dichloroethene (total)	100				286351	49.3176	49

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

QC Flag Legend

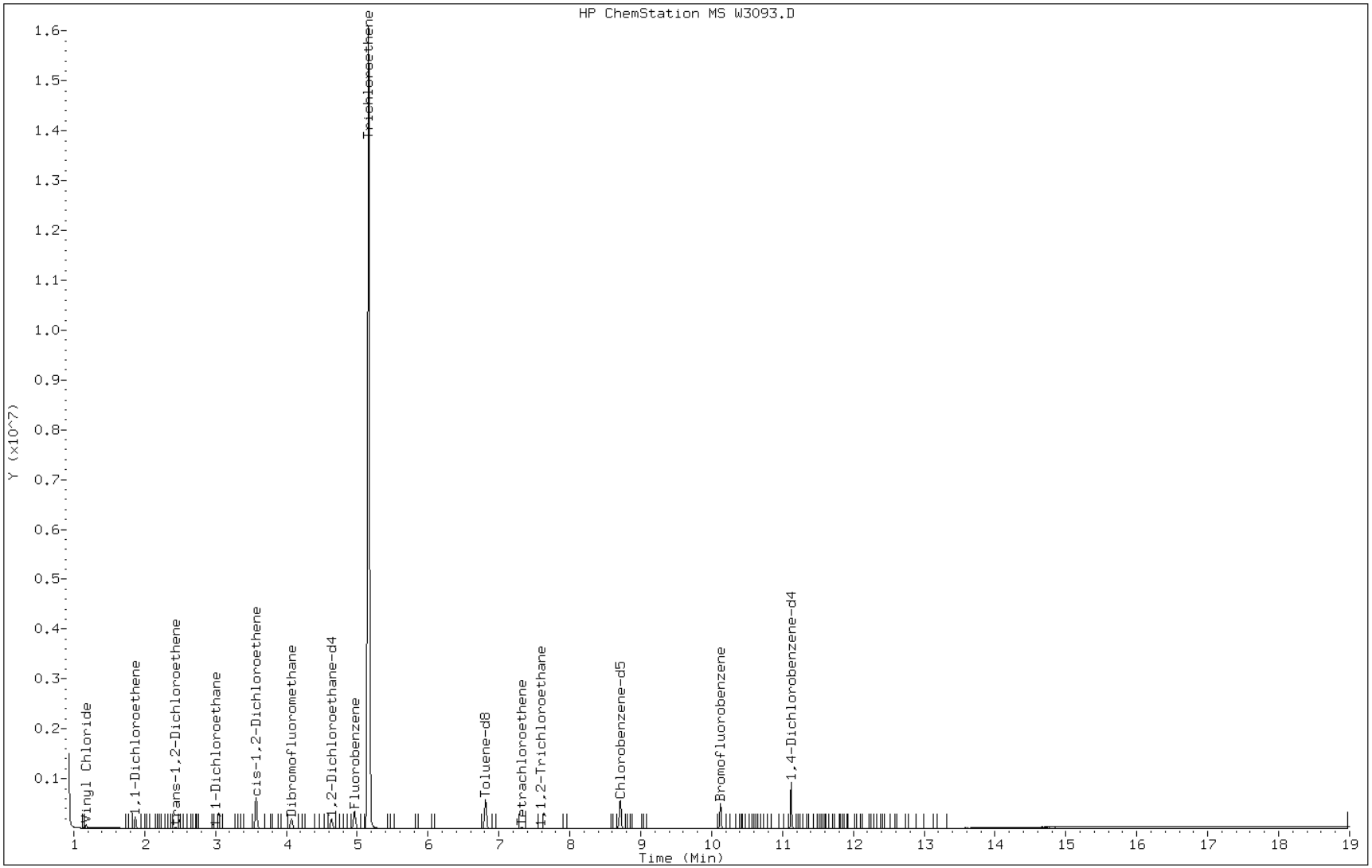
H - Operator selected an alternate compound hit.

Data File: W3093.D

Date: 18-FEB-2009 19:20

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8033-d-2 Operator: B.KOSTRZEWSKA



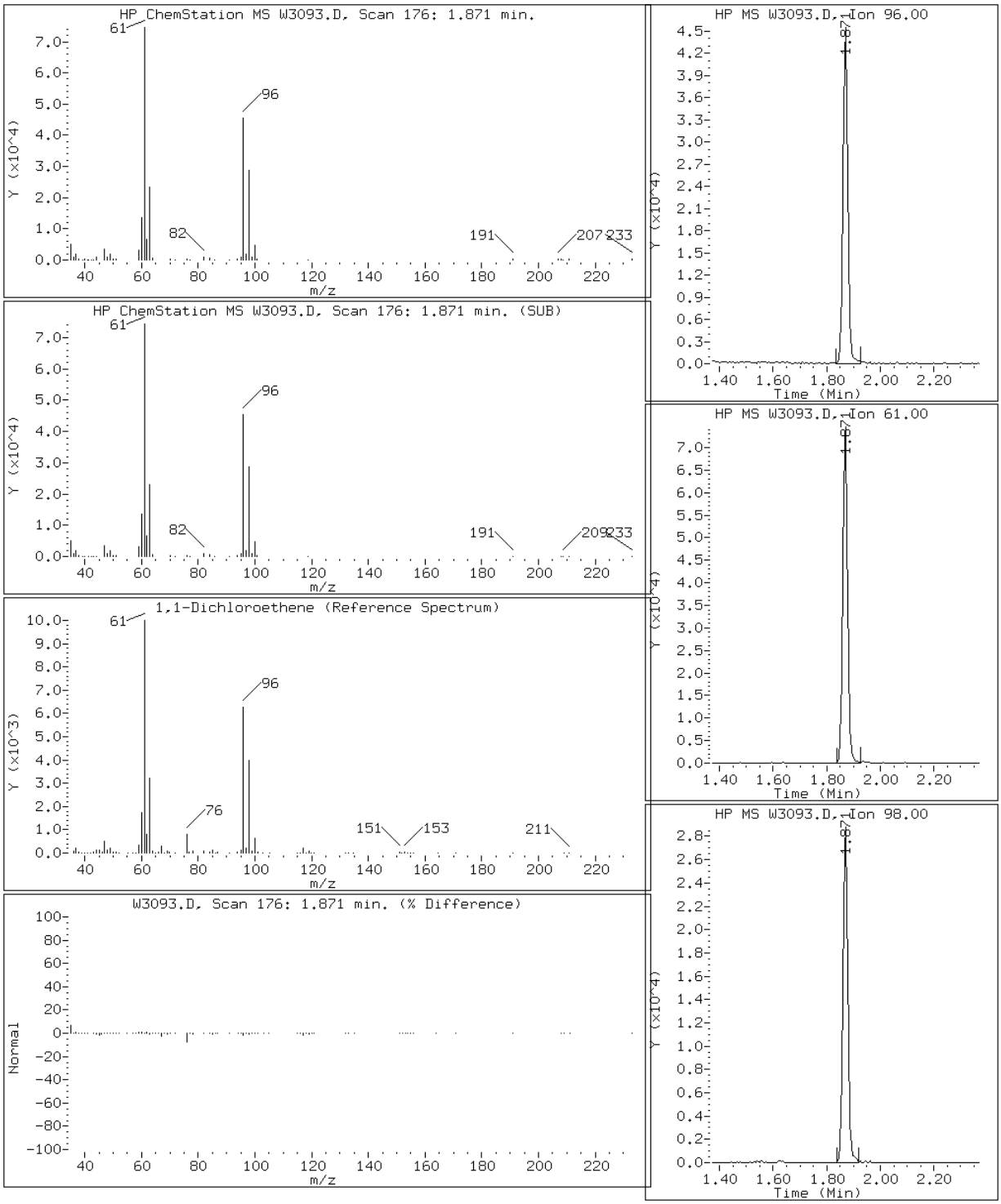
Data File: W3093.D

Date: 18-FEB-2009 19:20

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8033-d-2 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



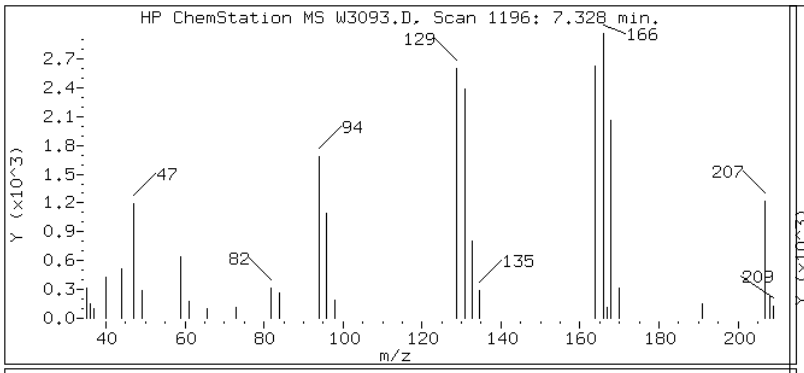
Data File: W3093.D

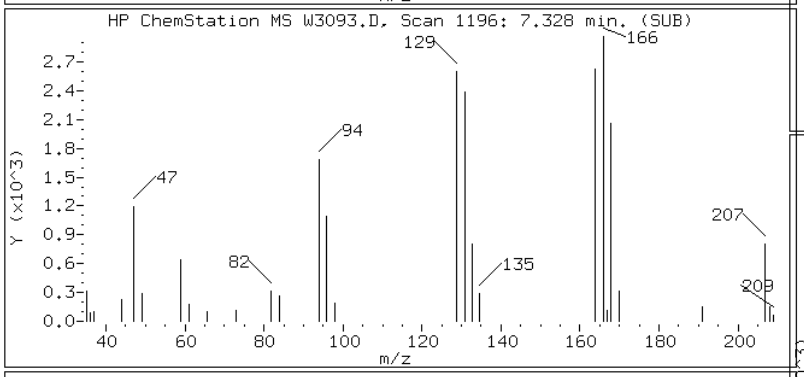
Date: 18-FEB-2009 19:20

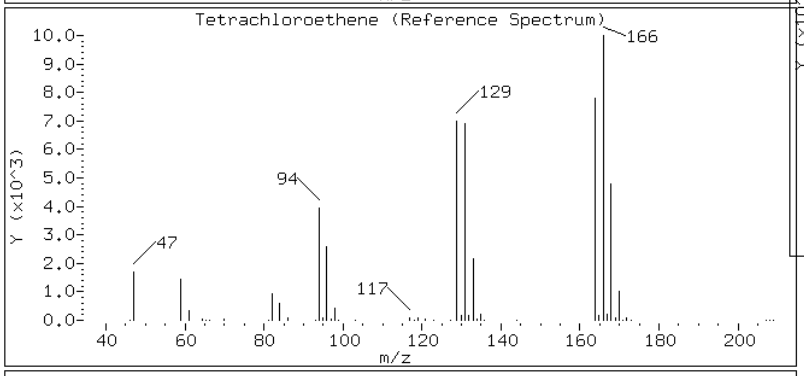
Client ID: OW-5 Instrument: msw.i

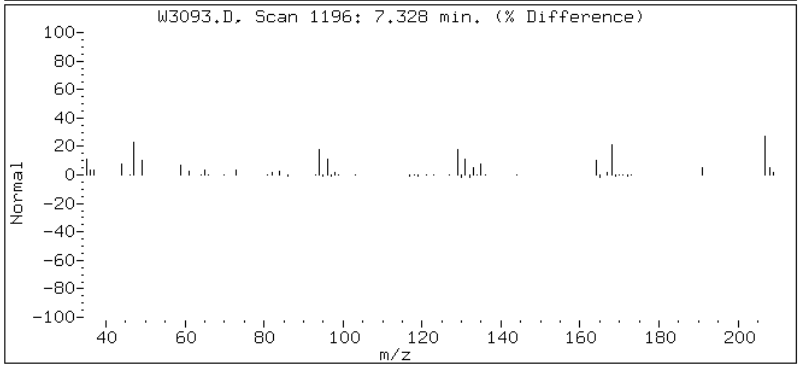
Sample Info: 220-8033-d-2 Operator: B.KOSTRZEWSKA

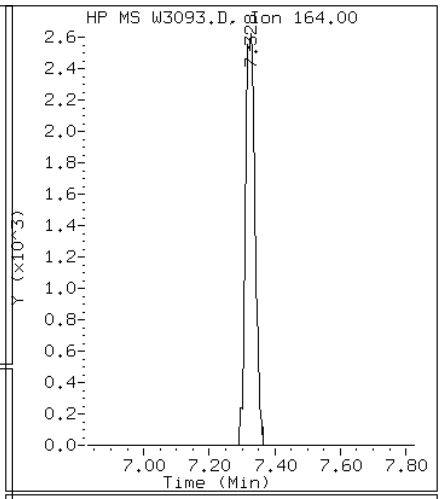
80 Tetrachloroethene

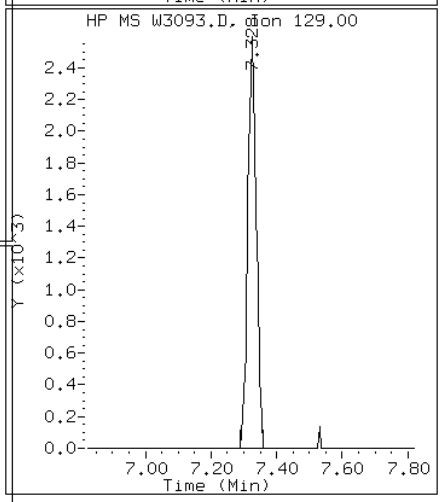












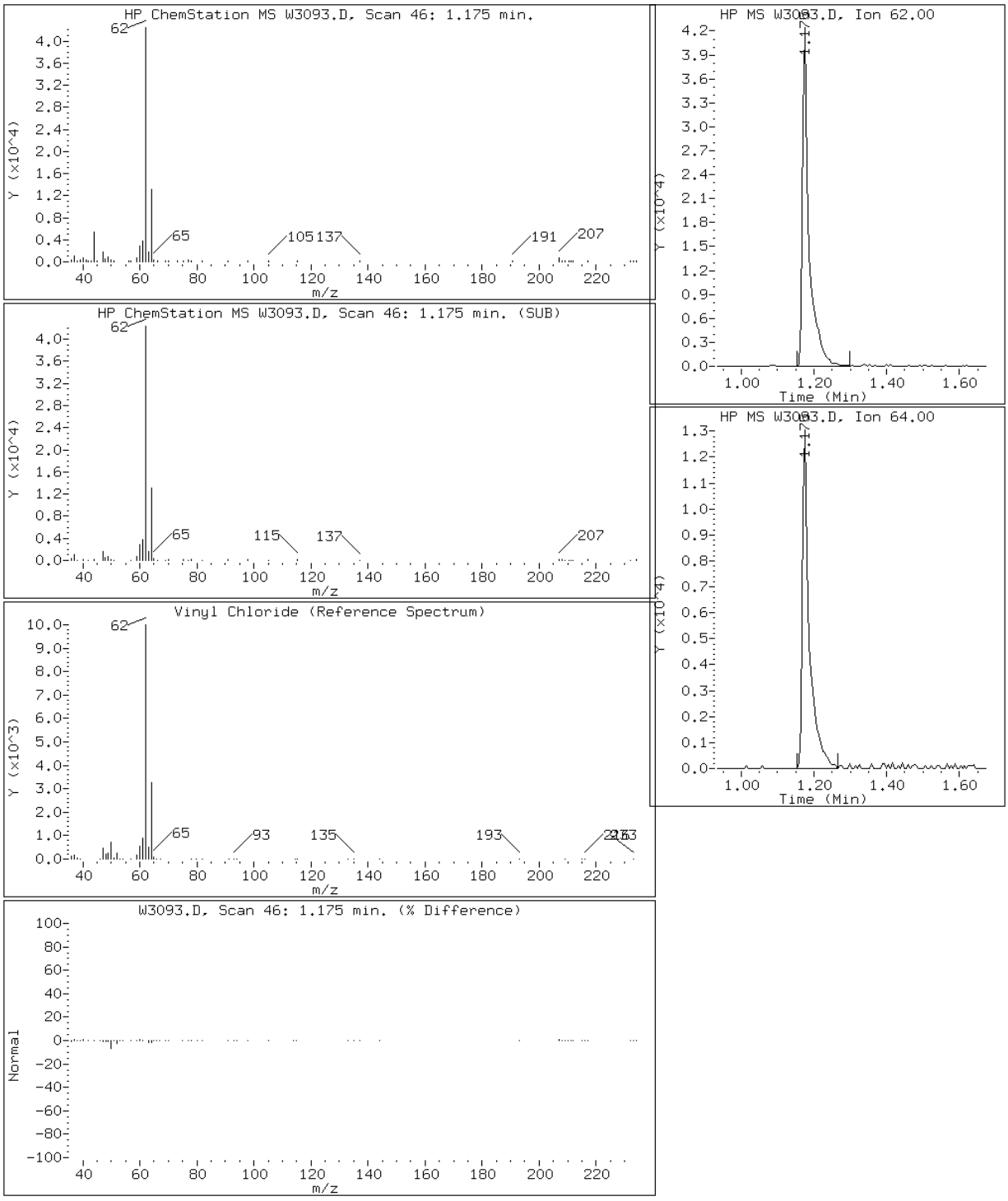
Data File: W3093.D

Date: 18-FEB-2009 19:20

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8033-d-2 Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



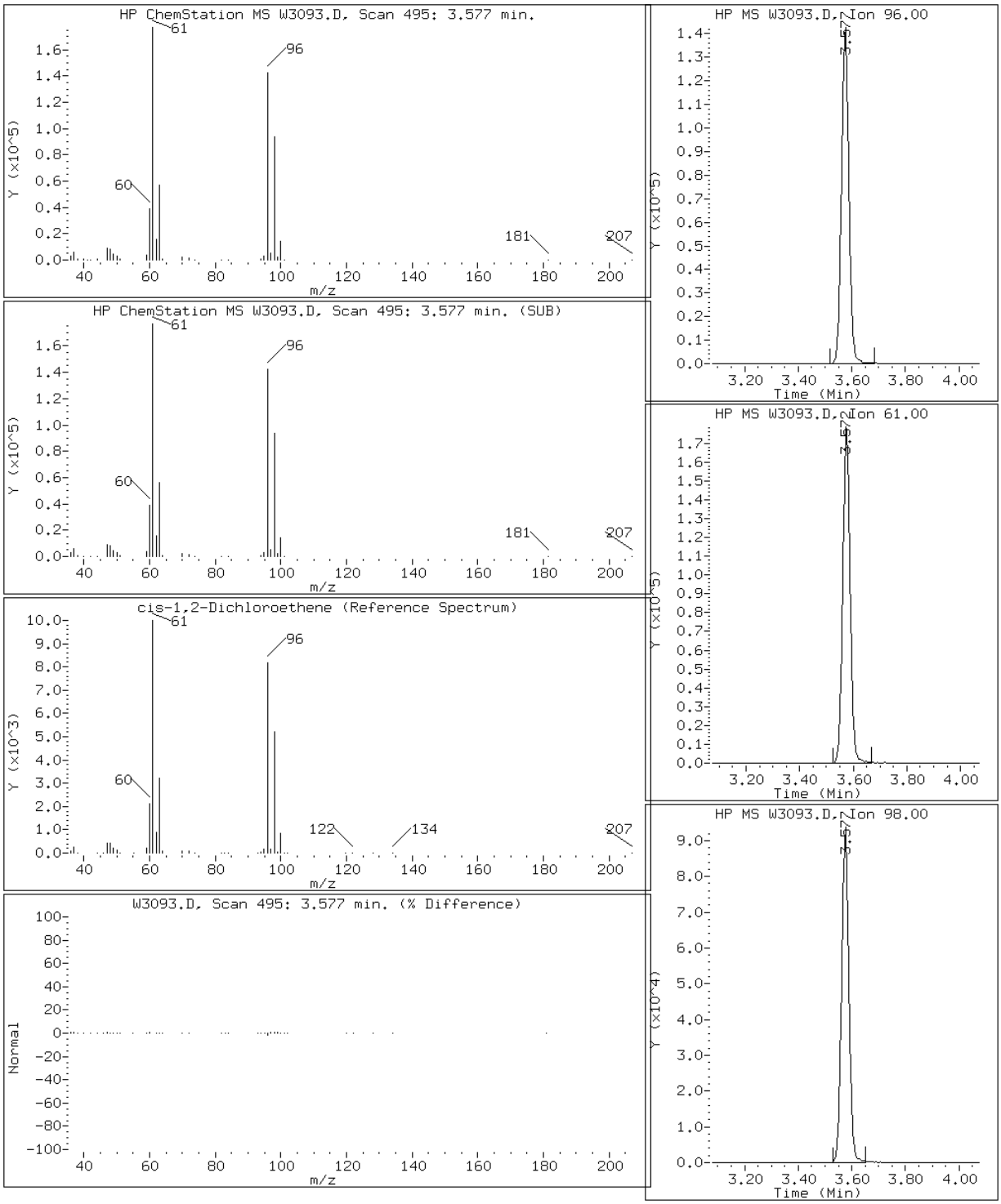
Data File: W3093.D

Date: 18-FEB-2009 19:20

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8033-d-2 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



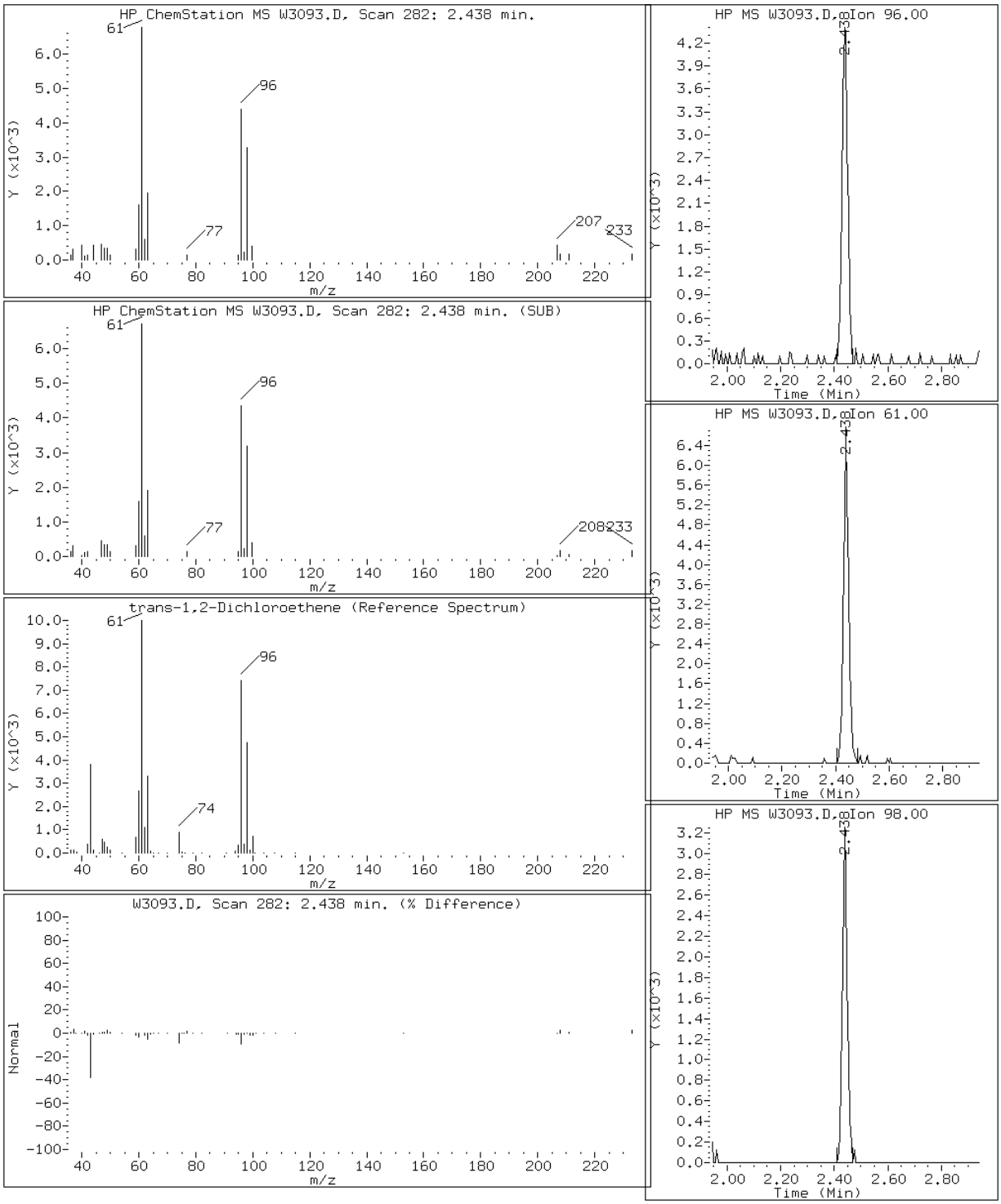
Data File: W3093.D

Date: 18-FEB-2009 19:20

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8033-d-2 Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-5 Lab Sample ID: 220-8033-2

Matrix: Water Lab File ID: W3164.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/20/2009 20:26

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1100		100	12

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90	53-125	
460-00-4	4-Bromofluorobenzene	76	73-127	
1868-53-7	Dibromofluoromethane	95	54-137	
2037-26-5	Toluene-d8 (Surr)	92	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W3164.D
Lab Smp Id: 220-8033-C-2 Client Smp ID: OW-5
Inj Date : 20-FEB-2009 20:26 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8033-c-2
Misc Info : : ;;; ; 8260 ; 20 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W8260LOW.m
Meth Date : 20-Feb-2009 14:05 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 19
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

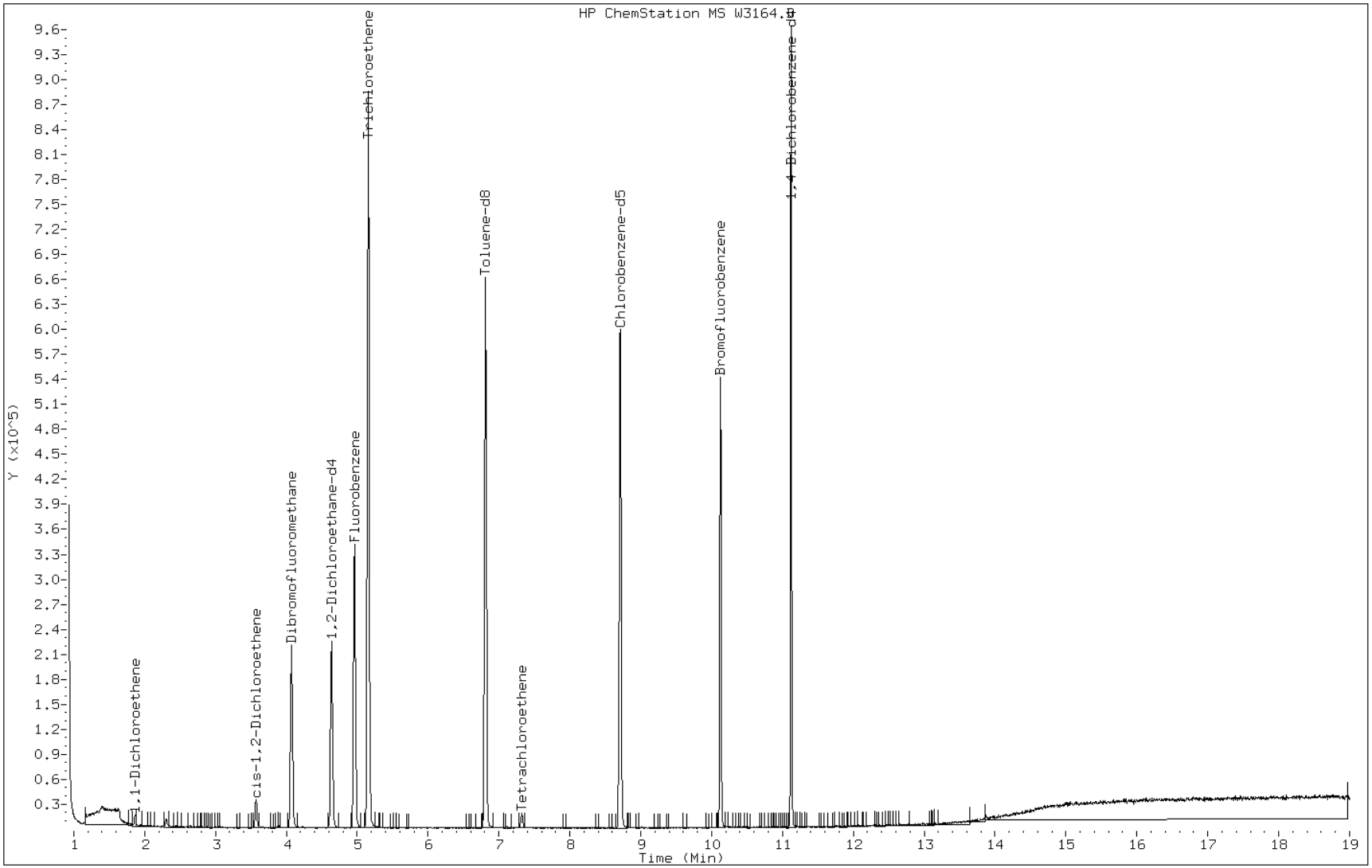
		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	323260	25.0000	
4	Vinyl Chloride	62	1.175	1.175	(0.237)	3138	0.15865	3
14	1,1-Dichloroethene	96	1.865	1.870	(0.376)	3684	0.50105	10
33	cis-1,2-Dichloroethene	96	3.571	3.577	(0.720)	15303	2.68372	54
$ 41	Dibromofluoromethane	111	4.074	4.074	(0.821)	136404	23.7562	24
$ 55	1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	174997	22.5390	22
60	Trichloroethene	130	5.155	5.155	(1.039)	325968	52.9516	1000
* 75	Chlorobenzene-d5	117	8.713	8.713	(1.000)	370050	25.0000	
$ 77	Toluene-d8	98	6.808	6.808	(0.781)	472239	22.9227	23
80	Tetrachloroethene	164	7.327	7.322	(0.841)	4339	0.81396	16
* 95	1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	193487	25.0000	
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.911)	142594	19.0469	19
M 126	1,2-Dichloroethene (total)	100				15303	2.68372	54

Data File: W3164.D

Date: 20-FEB-2009 20:26

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8033-c-2 Operator: B.KOSTRZEWSKA



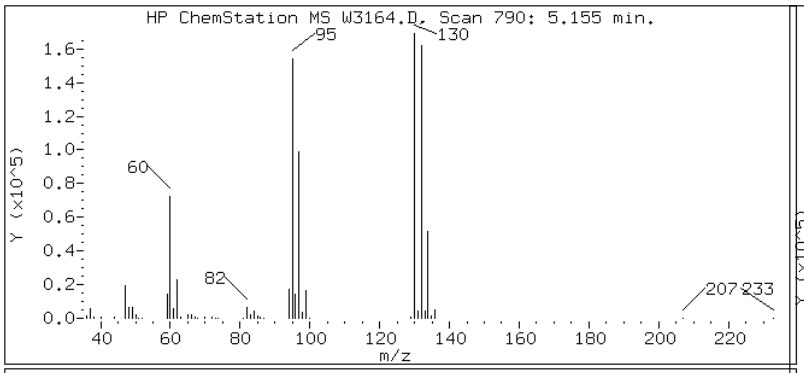
Data File: W3164.D

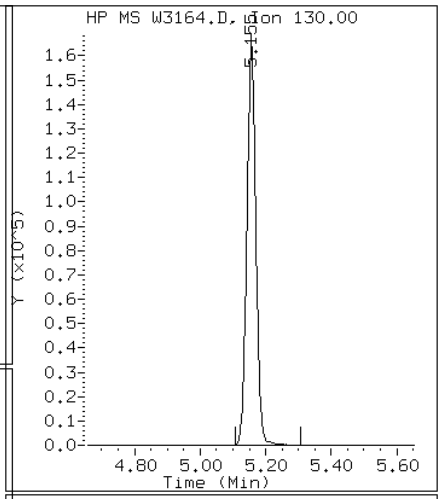
Date: 20-FEB-2009 20:26

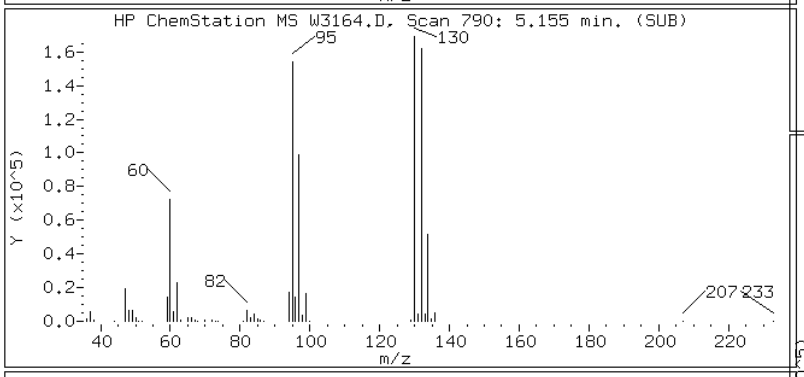
Client ID: OW-5 Instrument: msw.i

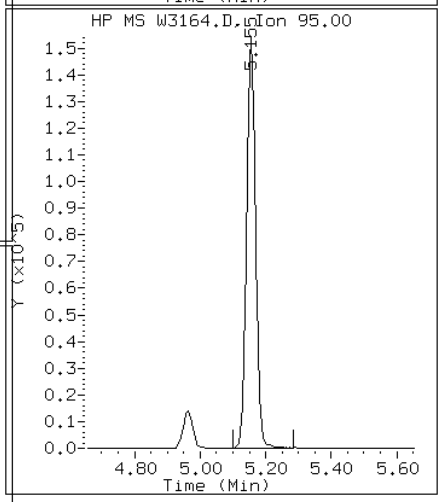
Sample Info: 220-8033-c-2 Operator: B.KOSTRZEWSKA

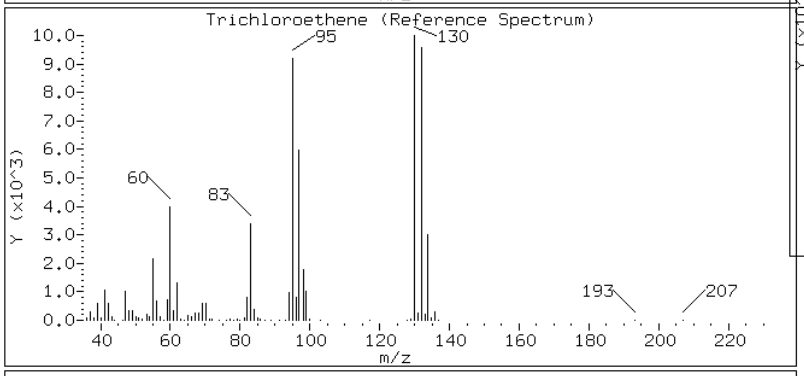
60 Trichloroethene

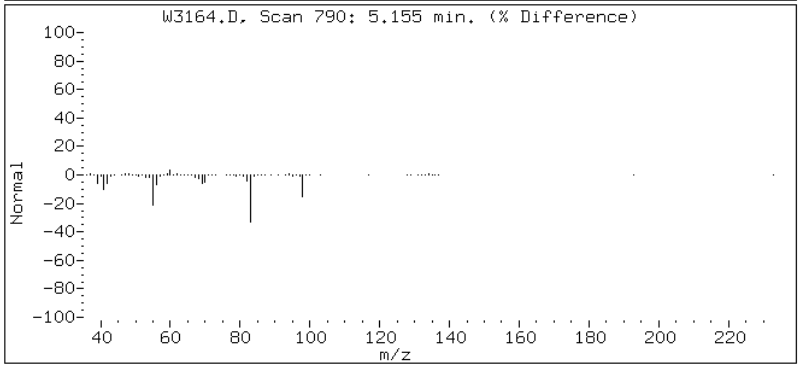












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-6 Lab Sample ID: 220-8033-3

Matrix: Water Lab File ID: W3095.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 20:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U *	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U *	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	4.9	J	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.0	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	2.2	J	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	33		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-6 Lab Sample ID: 220-8033-3

Matrix: Water Lab File ID: W3095.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 20:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88	53-125	
460-00-4	4-Bromofluorobenzene	79	73-127	
1868-53-7	Dibromofluoromethane	90	54-137	
2037-26-5	Toluene-d8 (Surr)	93	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W3095.D
Lab Smp Id: 220-8033-D-3 Client Smp ID: OW-6
Inj Date : 18-FEB-2009 20:19 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8033-d-3
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W8260LOW.m
Meth Date : 18-Feb-2009 09:42 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.968	4.962	(1.000)	308591	25.0000	
	4 Vinyl Chloride	62	1.175	1.175	(0.237)	11567	2.18397	2
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	17802	4.94315	5
	22 trans-1,2-Dichloroethene	96	2.437	2.443	(0.491)	3629	0.14038	0.1
	31 1,1-Dichloroethane	63	3.004	3.010	(0.605)	1290	0.15264	0.2(M)
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	178559	32.8029	33
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	123844	22.5940	22
$	55 1,2-Dichloroethane-d4	65	4.636	4.641	(0.933)	163533	22.0636	22
	60 Trichloroethene	130	5.160	5.155	(1.039)	5893496	1002.87	1000(A)
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	336513	25.0000	
$	77 Toluene-d8	98	6.813	6.813	(0.782)	434683	23.2025	23
	80 Tetrachloroethene	164	7.327	7.327	(0.841)	4877	1.00607	1
*	95 1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	173928	25.0000	
$	125 Bromofluorobenzene	95	10.125	10.125	(0.911)	133546	19.8443	20
M	126 1,2-Dichloroethene (total)	100				182188	32.9432	33

QC Flag Legend

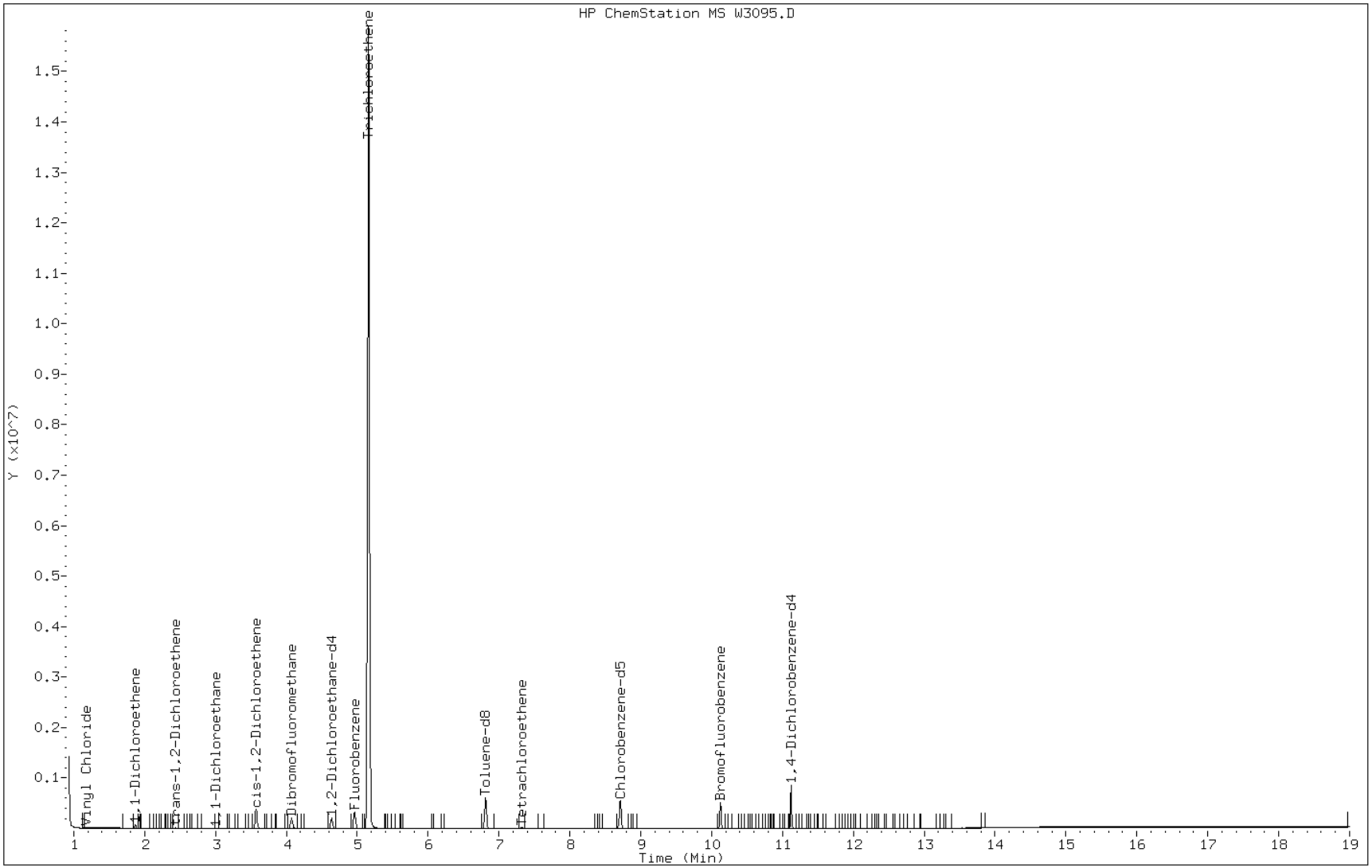
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: W3095.D

Date: 18-FEB-2009 20:19

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8033-d-3 Operator: B.KOSTRZEWSKA



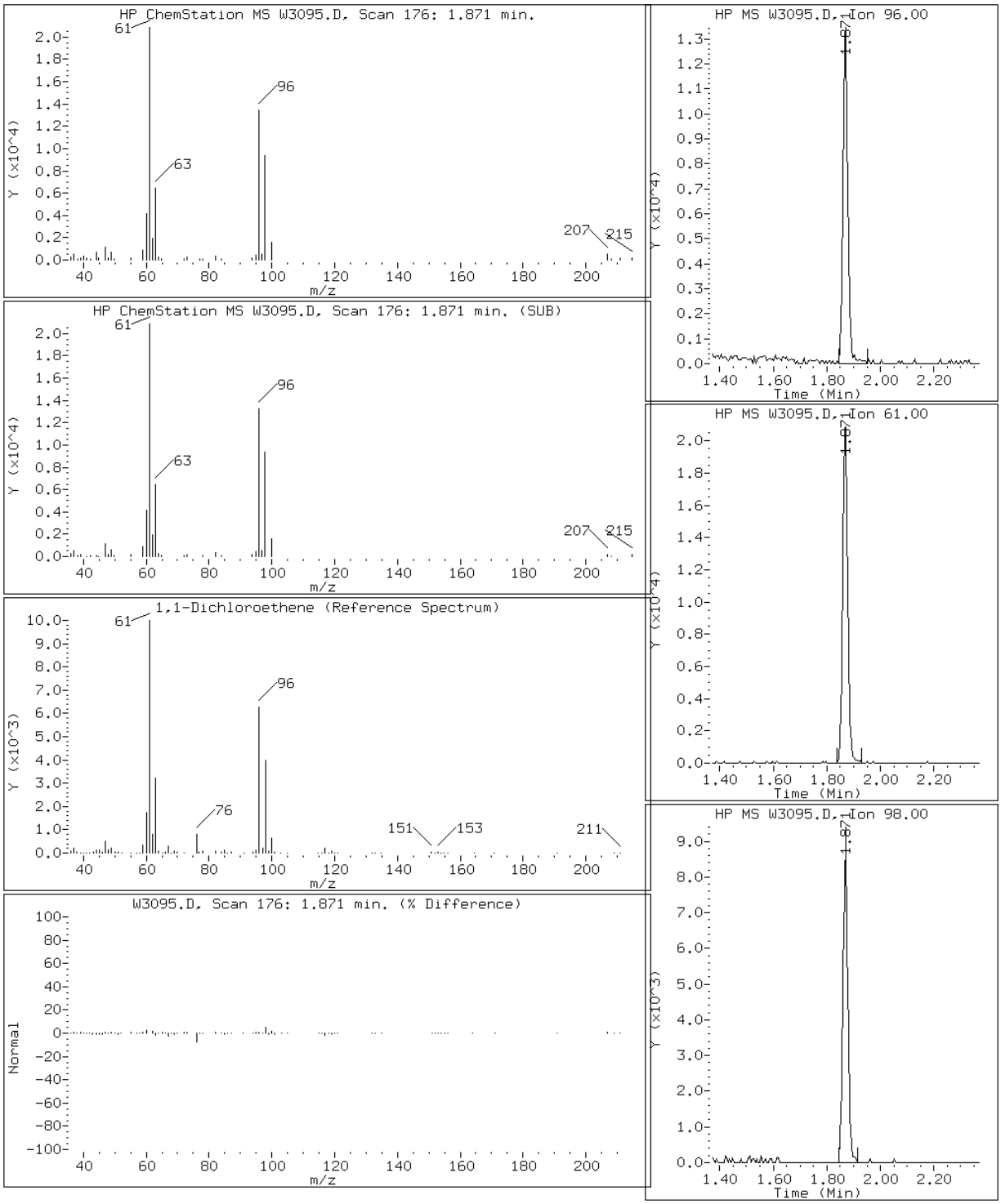
Data File: W3095.D

Date: 18-FEB-2009 20:19

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8033-d-3 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



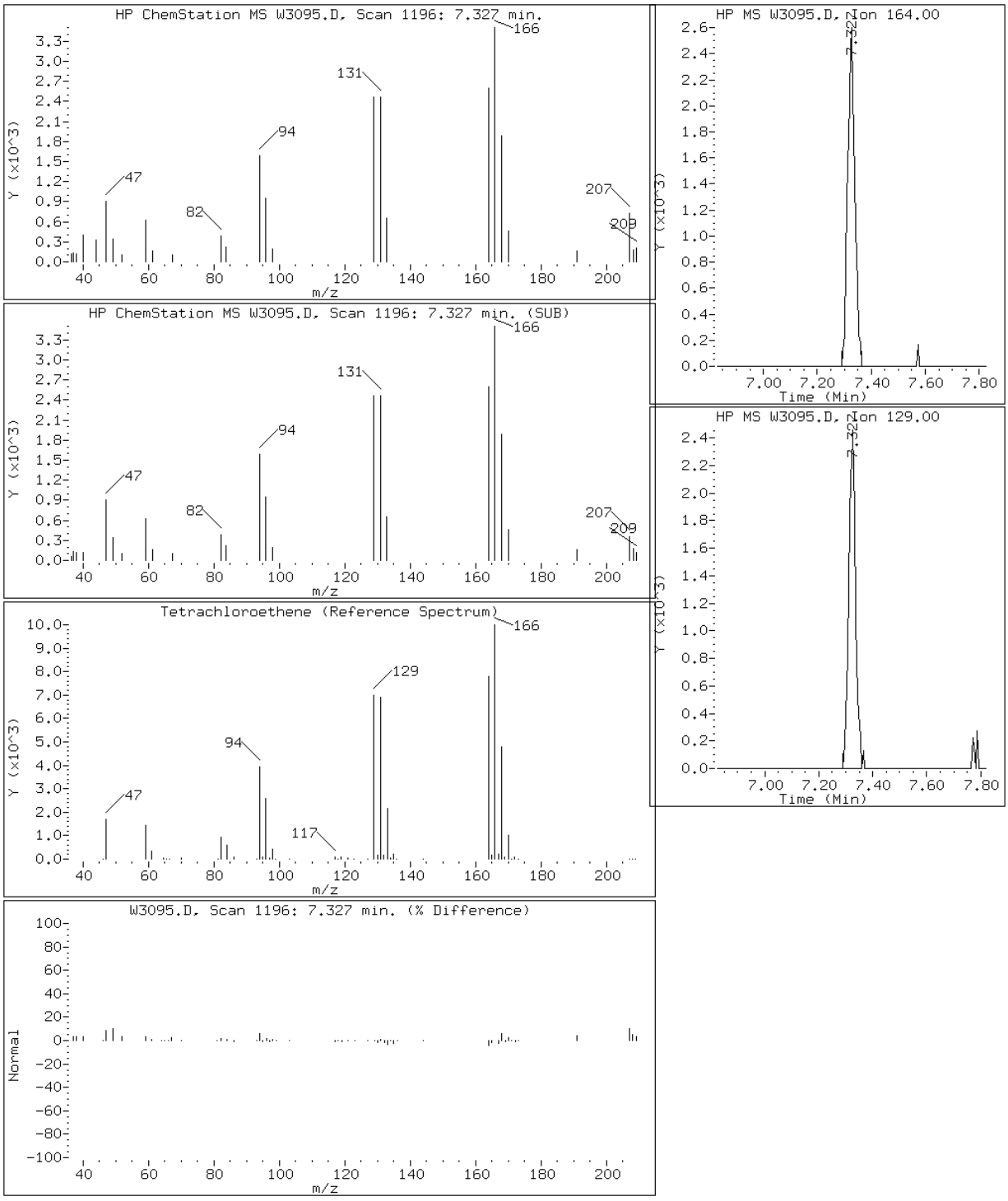
Data File: W3095.D

Date: 18-FEB-2009 20:19

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8033-d-3 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



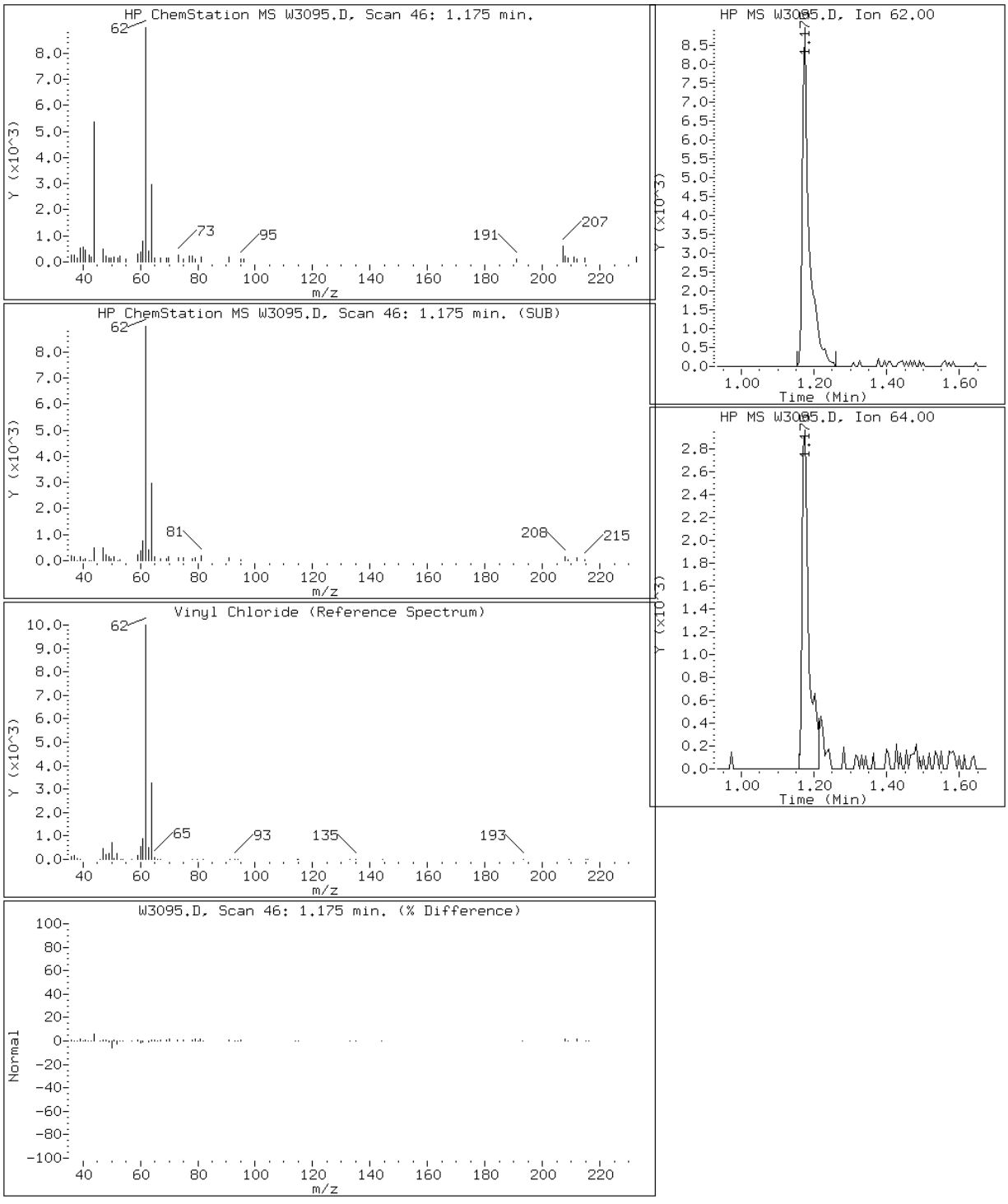
Data File: W3095.D

Date: 18-FEB-2009 20:19

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8033-d-3 Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



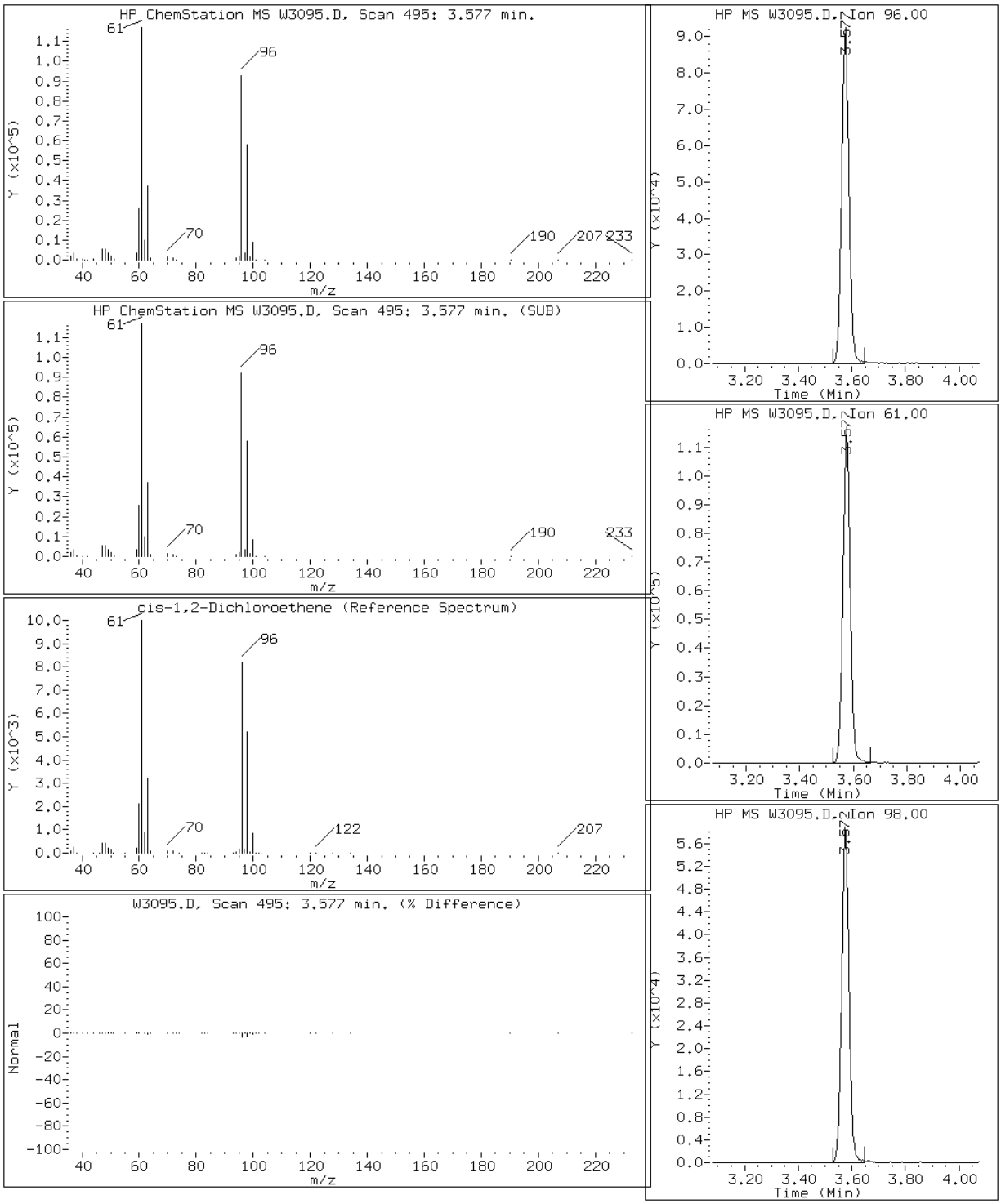
Data File: W3095.D

Date: 18-FEB-2009 20:19

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8033-d-3 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-6 Lab Sample ID: 220-8033-3

Matrix: Water Lab File ID: W3165.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/20/2009 20:55

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1000		100	12

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	53-125	
460-00-4	4-Bromofluorobenzene	78	73-127	
1868-53-7	Dibromofluoromethane	98	54-137	
2037-26-5	Toluene-d8 (Surr)	93	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W3165.D
Lab Smp Id: 220-8033-C-3 Client Smp ID: OW-6
Inj Date : 20-FEB-2009 20:55 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8033-c-3
Misc Info : : ;;; ; 8260 ; 20 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W8260LOW.m
Meth Date : 20-Feb-2009 14:05 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 20
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

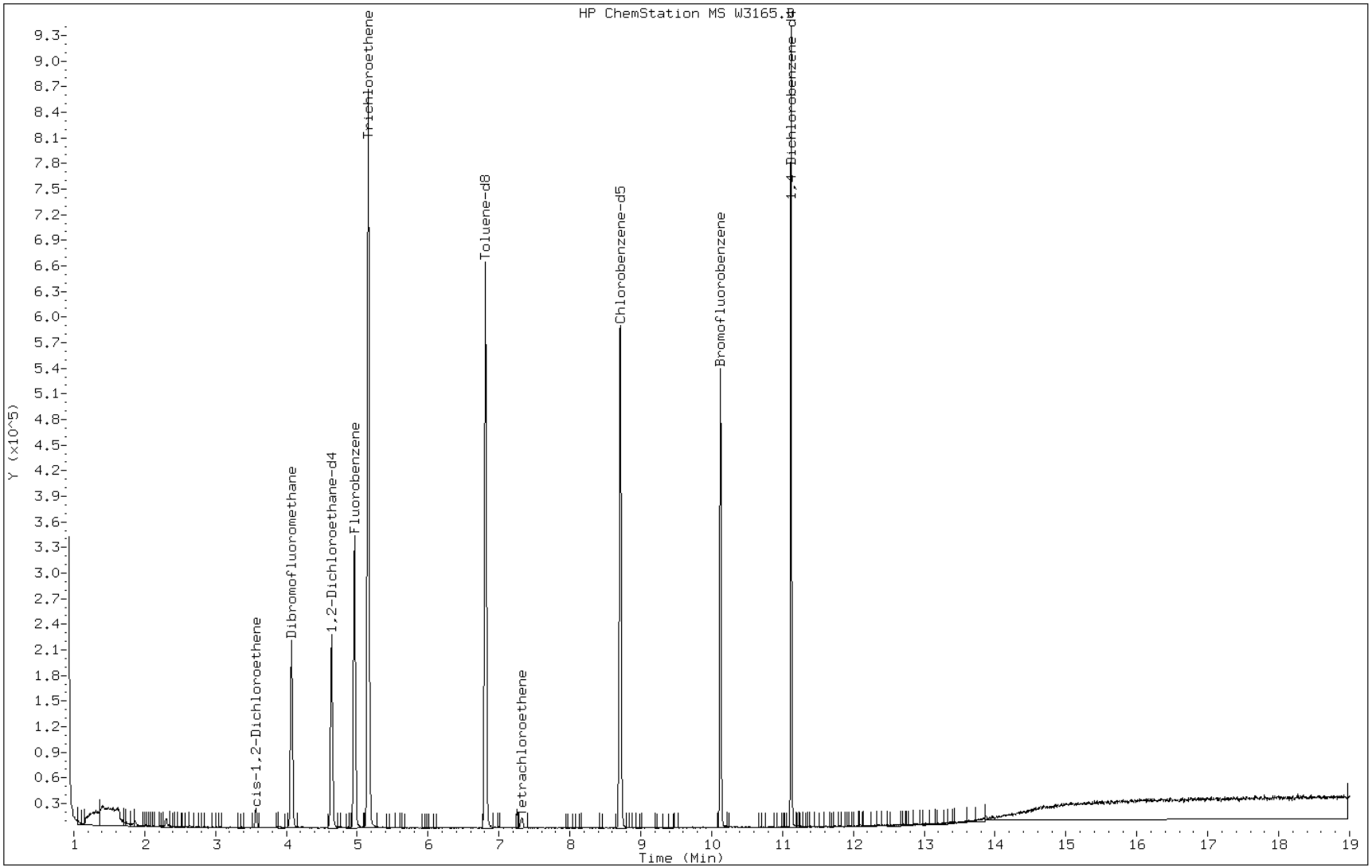
			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1	Fluorobenzene	96	4.962	4.962	(1.000)	317991	25.0000	
	33	cis-1,2-Dichloroethene	96	3.571	3.577	(0.720)	9924	1.76923	35
$	41	Dibromofluoromethane	111	4.074	4.074	(0.821)	138522	24.5248	24
$	55	1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	177431	23.2311	23
	60	Trichloroethene	130	5.155	5.155	(1.039)	315465	52.0945	1000
*	75	Chlorobenzene-d5	117	8.712	8.713	(1.000)	365649	25.0000	
$	77	Toluene-d8	98	6.808	6.808	(0.781)	473910	23.2807	23
	80	Tetrachloroethene	164	7.321	7.322	(0.840)	3160	0.59993	12
*	95	1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	186317	25.0000	
$	125	Bromofluorobenzene	95	10.125	10.125	(0.911)	141393	19.6133	20
M	126	1,2-Dichloroethene (total)	100				9924	1.76923	35

Data File: W3165.D

Date: 20-FEB-2009 20:55

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8033-c-3 Operator: B.KOSTRZEWSKA



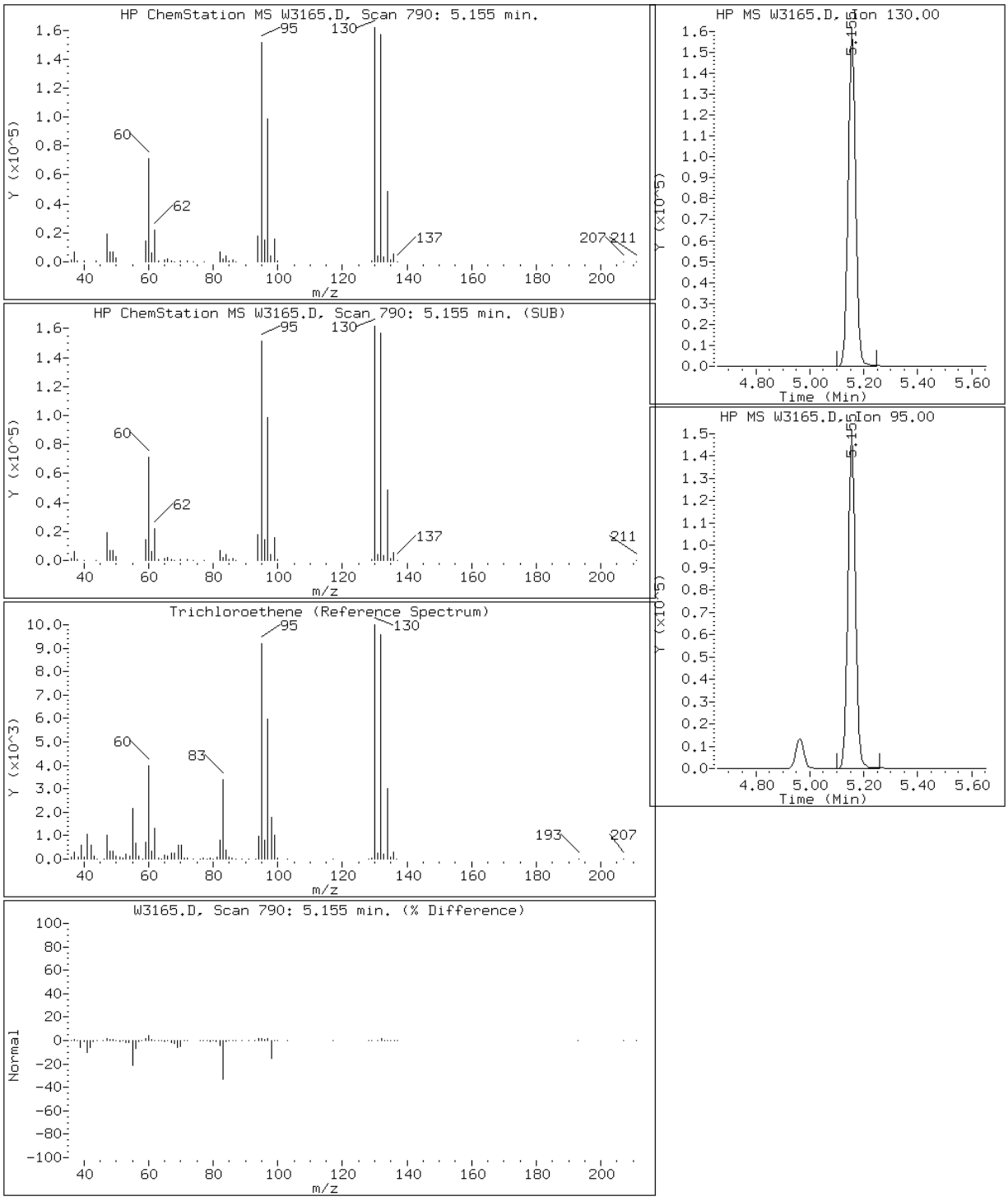
Data File: W3165.D

Date: 20-FEB-2009 20:55

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8033-c-3 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-7 Lab Sample ID: 220-8033-4

Matrix: Water Lab File ID: W3094.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 19:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U *	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U *	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	0.88	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-60-5	trans-1,2-Dichloroethene	1.7	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-7 Lab Sample ID: 220-8033-4

Matrix: Water Lab File ID: W3094.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 19:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111	53-125	
460-00-4	4-Bromofluorobenzene	101	73-127	
1868-53-7	Dibromofluoromethane	114	54-137	
2037-26-5	Toluene-d8 (Surr)	117	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W3094.D
Lab Smp Id: 220-8033-D-4 Client Smp ID: OW-7
Inj Date : 18-FEB-2009 19:49 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8033-d-4
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W8260LOW.m
Meth Date : 18-Feb-2009 09:42 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.962	4.962	(1.000)	248327	25.0000	
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	2805	0.49138	0.5
	22 trans-1,2-Dichloroethene	96	2.437	2.443	(0.491)	7885	1.69541	2
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.721)	611747	139.656	140(A)
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	125867	28.5357	28
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.935)	166130	27.8535	28
	60 Trichloroethene	130	5.155	5.155	(1.039)	654326	138.365	140(A)
*	75 Chlorobenzene-d5	117	8.712	8.713	(1.000)	269752	25.0000	
$	77 Toluene-d8	98	6.813	6.813	(0.782)	438583	29.2046	29
	80 Tetrachloroethene	164	7.327	7.327	(0.841)	3413	0.87831	0.9
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.120	(1.000)	139616	25.0000	
$	125 Bromofluorobenzene	95	10.125	10.125	(0.910)	136711	25.3071	25
M	126 1,2-Dichloroethene (total)	100				619632	141.352	140

QC Flag Legend

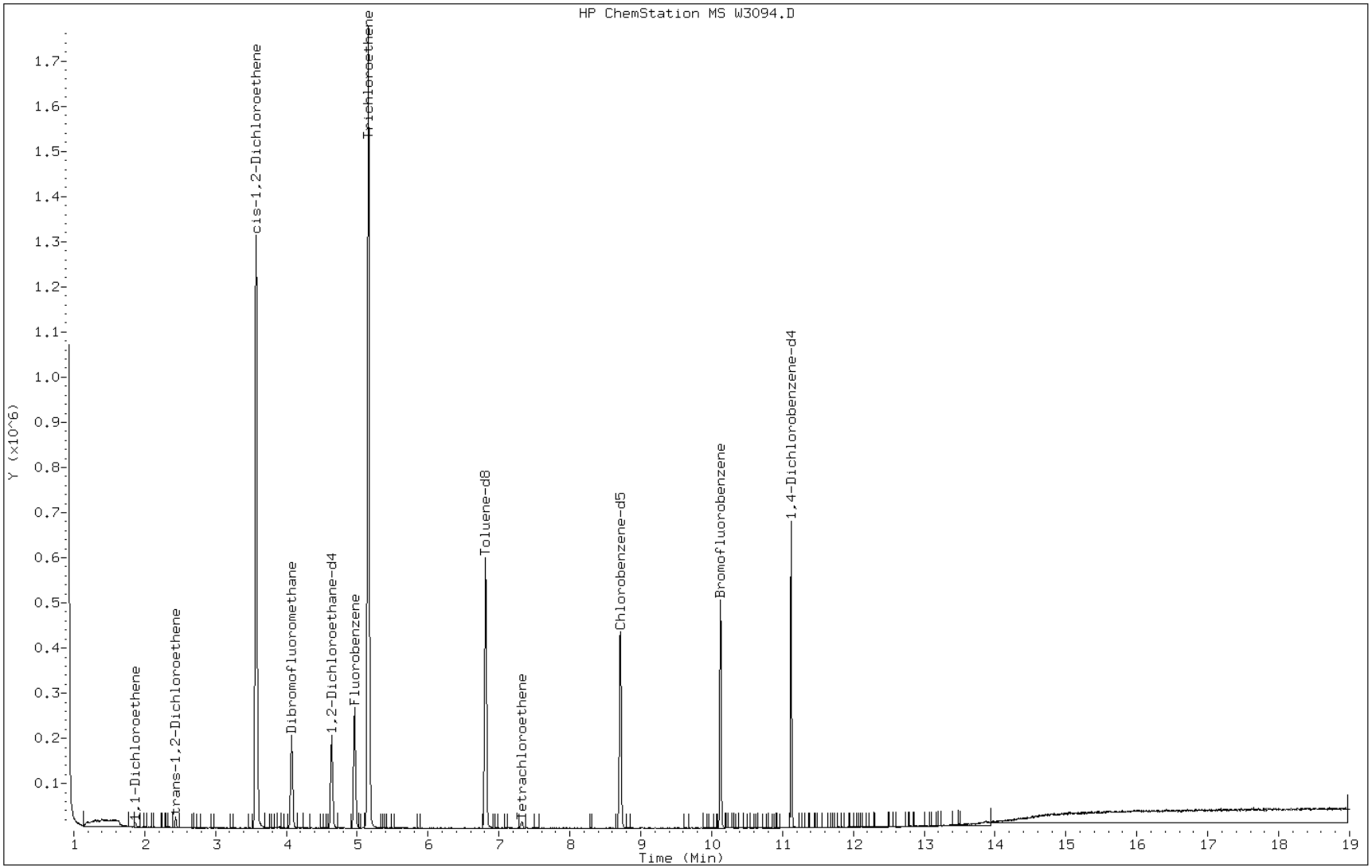
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: W3094.D

Date: 18-FEB-2009 19:49

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8033-d-4 Operator: B.KOSTRZEWSKA



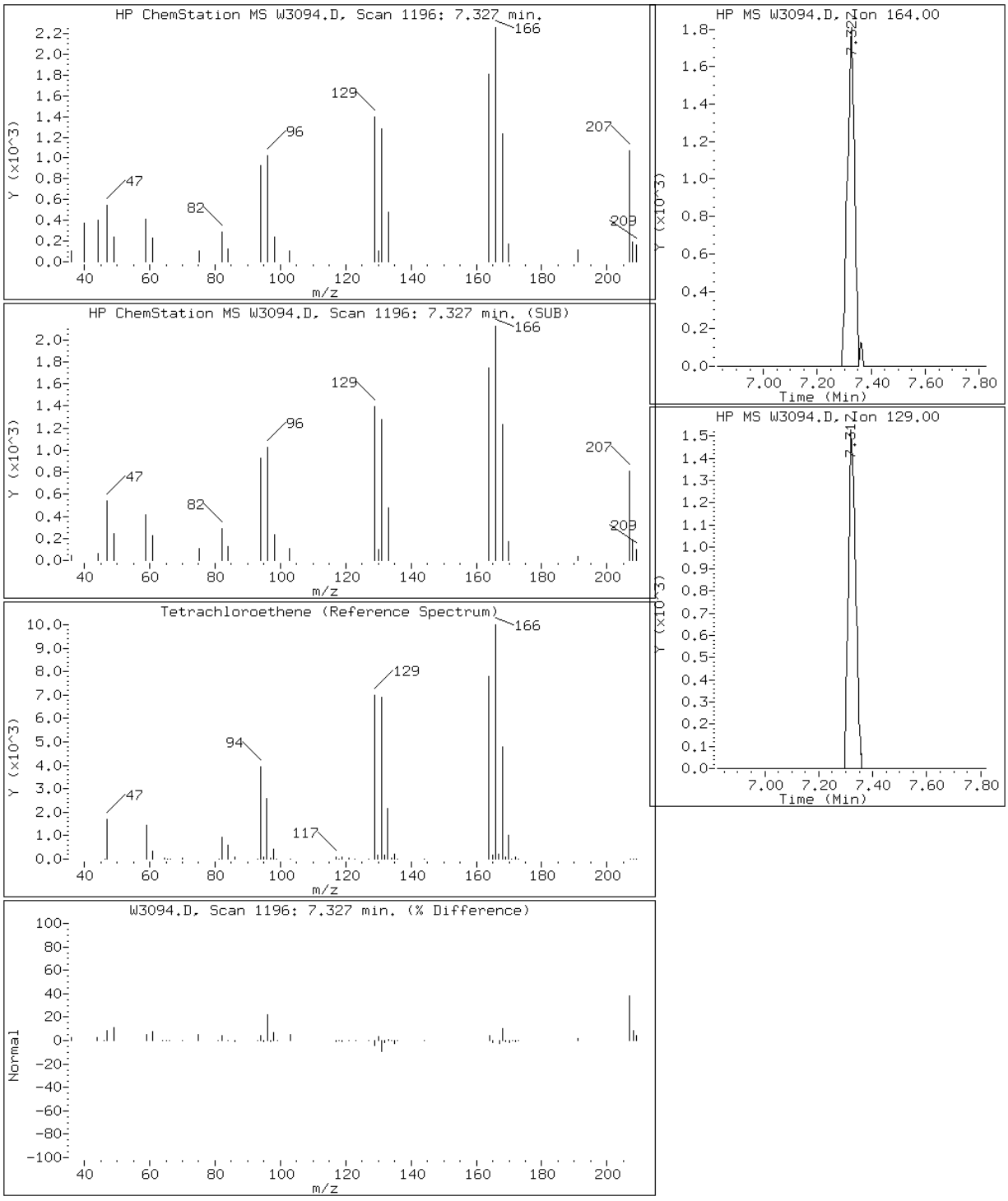
Data File: W3094.D

Date: 18-FEB-2009 19:49

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8033-d-4 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



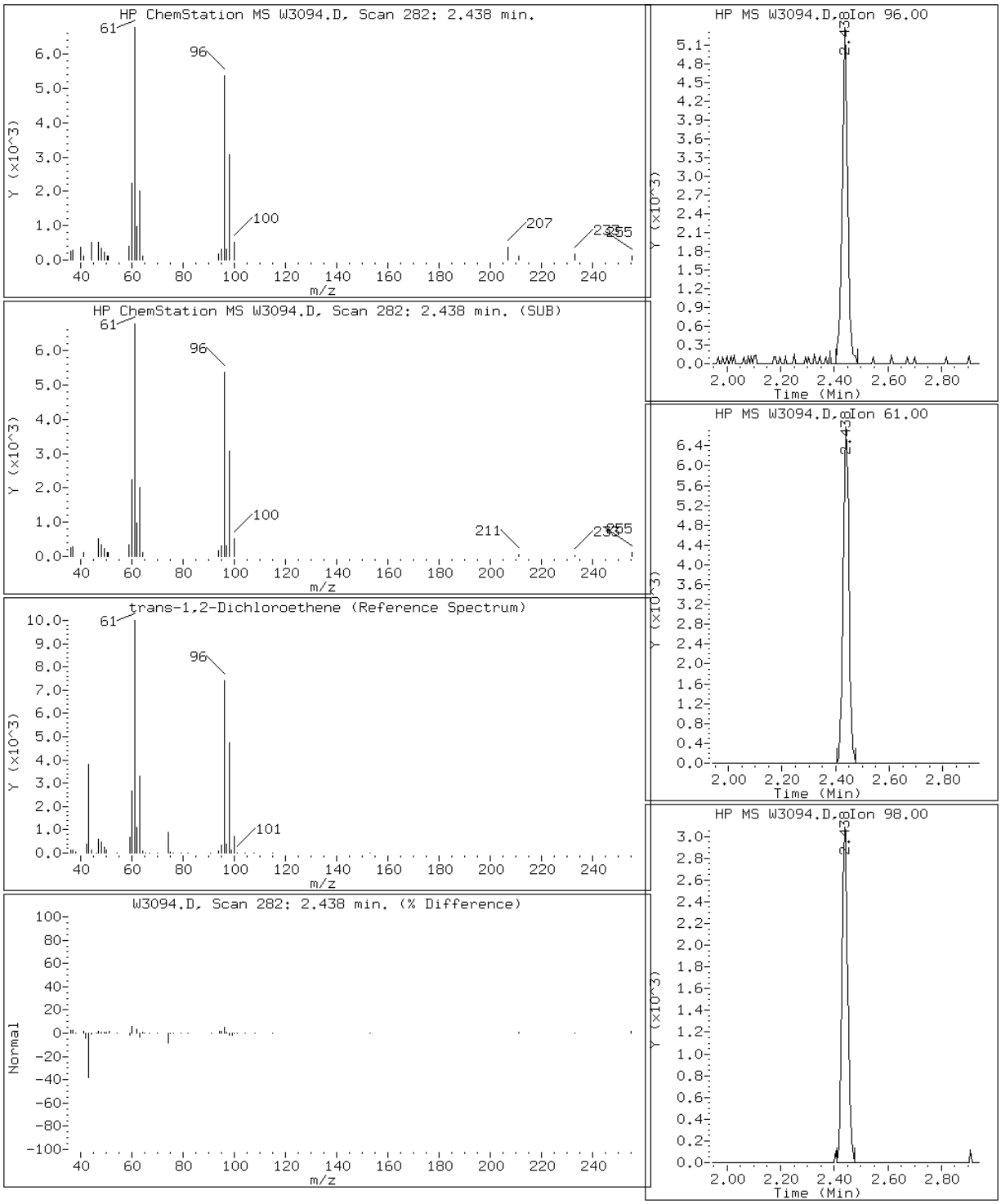
Data File: W3094.D

Date: 18-FEB-2009 19:49

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8033-d-4 Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: OW-7 Lab Sample ID: 220-8033-4

Matrix: Water Lab File ID: W3163.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/20/2009 19:56

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24545 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	110		10	1.2
156-59-2	cis-1,2-Dichloroethene	120		10	2.0

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	53-125	
460-00-4	4-Bromofluorobenzene	77	73-127	
1868-53-7	Dibromofluoromethane	98	54-137	
2037-26-5	Toluene-d8 (Surr)	92	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W3163.D
Lab Smp Id: 220-8033-C-4 Client Smp ID: OW-7
Inj Date : 20-FEB-2009 19:56 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8033-c-4
Misc Info : : ;;; ; 8260 ; 2 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W8260LOW.m
Meth Date : 20-Feb-2009 14:05 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 18
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	2.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

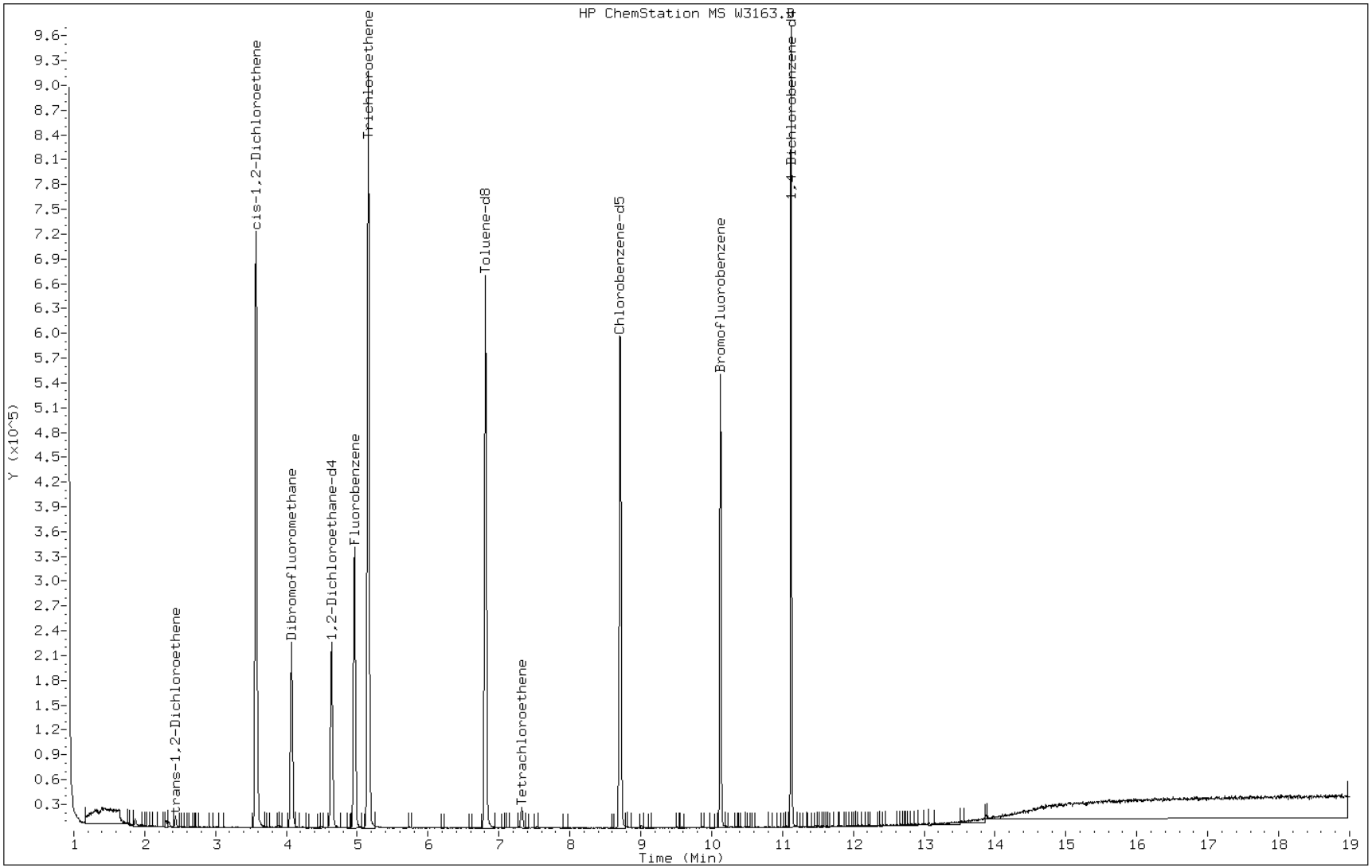
		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	321666	25.0000	
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	4524	0.31962	0.6
33	cis-1,2-Dichloroethene	96	3.571	3.577	(0.720)	333668	58.8061	120
$ 41	Dibromofluoromethane	111	4.074	4.074	(0.821)	139545	24.4236	24
$ 55	1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	178882	23.1535	23
60	Trichloroethene	130	5.155	5.155	(1.039)	340952	55.6601	110
* 75	Chlorobenzene-d5	117	8.713	8.713	(1.000)	372802	25.0000	
$ 77	Toluene-d8	98	6.808	6.808	(0.781)	478127	23.0372	23
80	Tetrachloroethene	164	7.322	7.322	(0.840)	6386	1.18912	2
* 95	1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	193662	25.0000	
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	3403	0.28468	0.6
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.911)	143482	19.1482	19
M 126	1,2-Dichloroethene (total)	100				338192	59.1258	120

Data File: W3163.D

Date: 20-FEB-2009 19:56

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8033-c-4 Operator: B.KOSTRZEWSKA



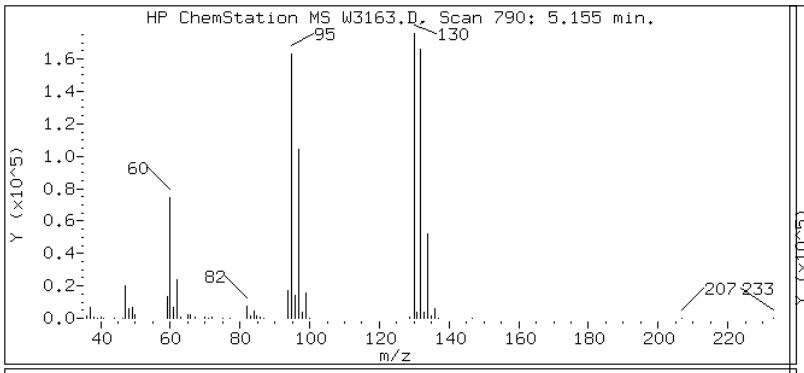
Data File: W3163.D

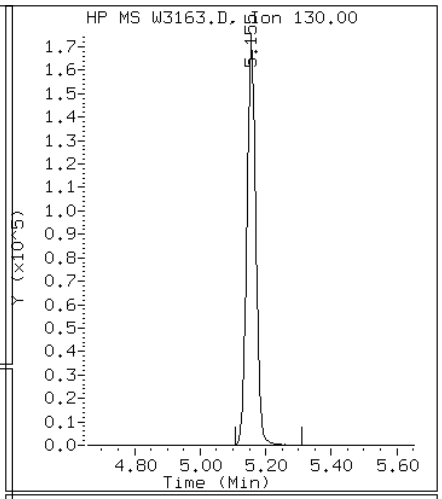
Date: 20-FEB-2009 19:56

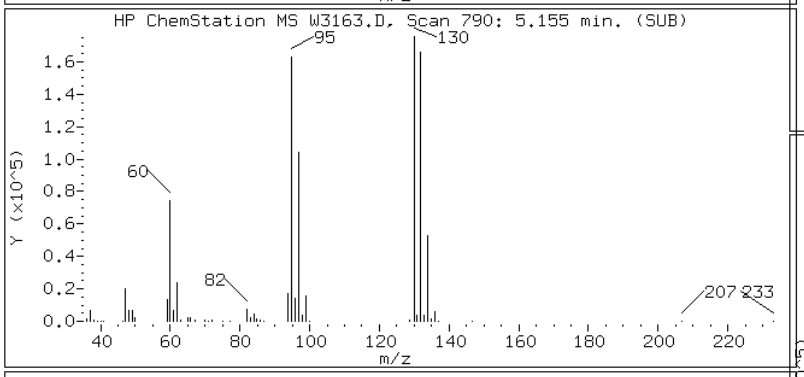
Client ID: OW-7 Instrument: msw.i

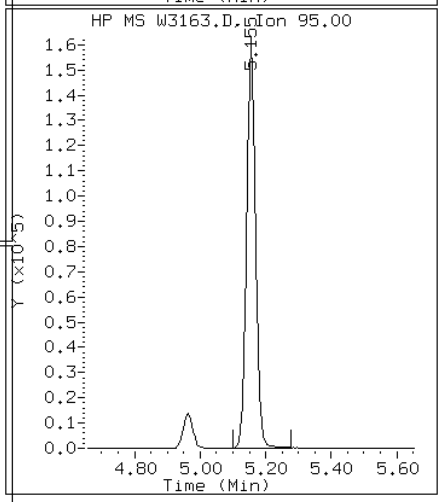
Sample Info: 220-8033-c-4 Operator: B.KOSTRZEWSKA

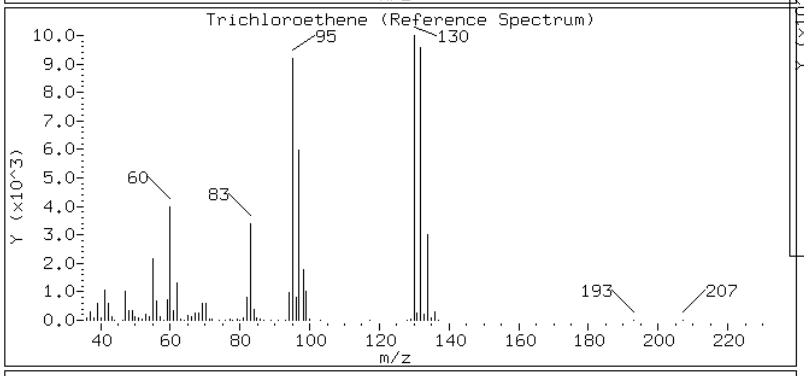
60 Trichloroethene

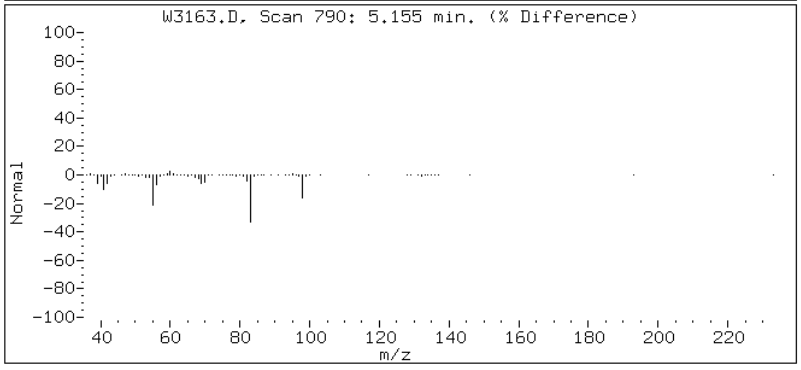












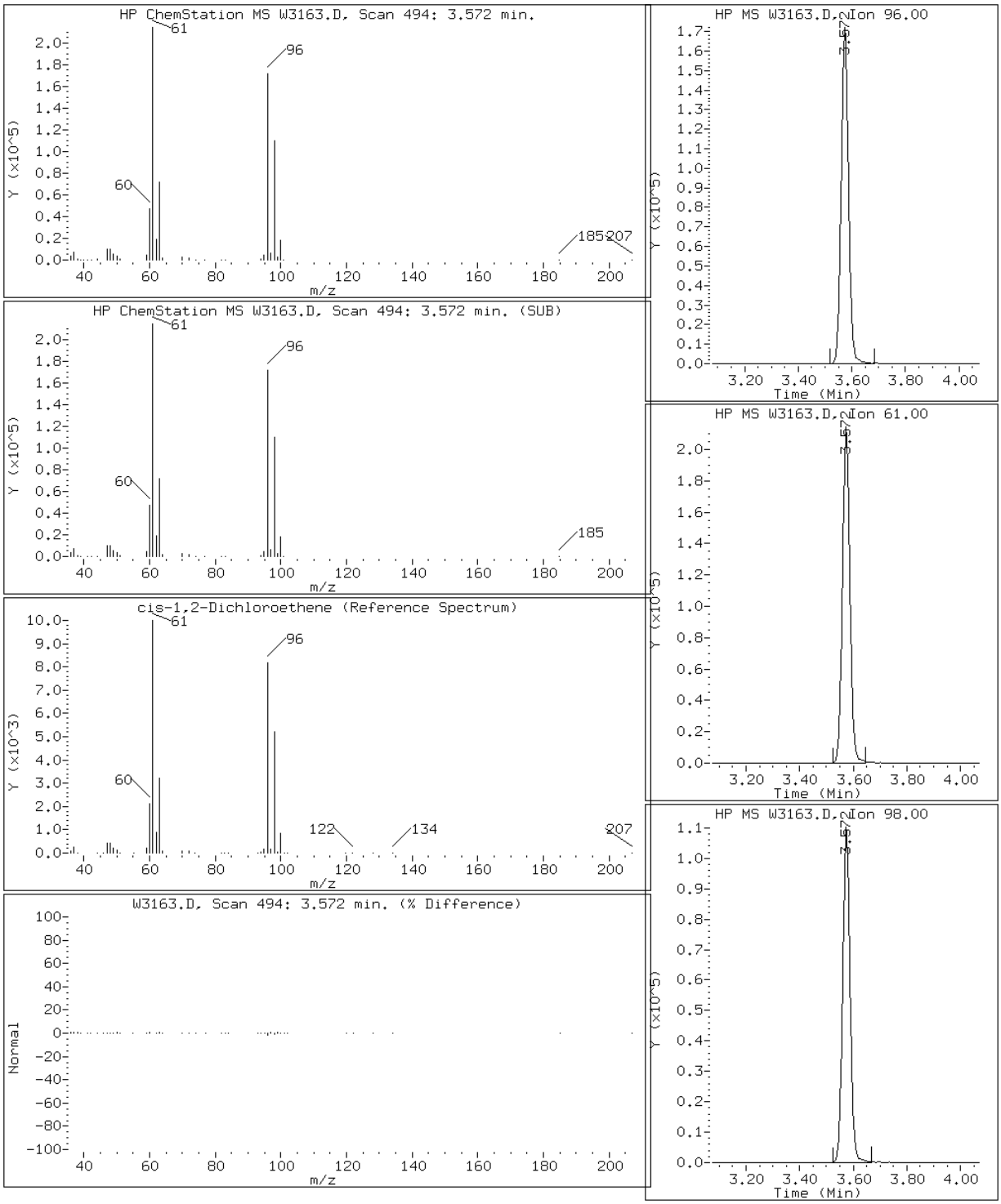
Data File: W3163.D

Date: 20-FEB-2009 19:56

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8033-c-4 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-26I | Lab Sample ID: 220-8033-5

Matrix: Water | Lab File ID: V2031.D

Analysis Method: 8260B | Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/25/2009 12:54

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24624 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	20	U	20	2.1
71-43-2	Benzene	10	U	10	1.5
75-27-4	Bromodichloromethane	10	U	10	0.96
75-25-2	Bromoform	10	U	10	0.92
74-83-9	Bromomethane	10	U	10	4.2
78-93-3	Methyl Ethyl Ketone	20	U	20	2.2
75-15-0	Carbon disulfide	10	U	10	1.8
56-23-5	Carbon tetrachloride	10	U	10	2.1
108-90-7	Chlorobenzene	10	U	10	1.4
75-00-3	Chloroethane	10	U	10	2.1
67-66-3	Chloroform	10	U	10	1.3
74-87-3	Chloromethane	10	U	10	2.2
124-48-1	Dibromochloromethane	10	U	10	1.1
75-34-3	1,1-Dichloroethane	10	U	10	2.1
107-06-2	1,2-Dichloroethane	10	U	10	1.4
75-35-4	1,1-Dichloroethene	2.6	J	10	1.7
78-87-5	1,2-Dichloropropane	10	U	10	1.4
10061-01-5	cis-1,3-Dichloropropene	10	U	10	0.56
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.1
100-41-4	Ethylbenzene	10	U	10	1.7
591-78-6	2-Hexanone	20	U	20	2.2
75-09-2	Methylene Chloride	10	U	10	1.6
108-10-1	methyl isobutyl ketone	20	U	20	0.76
100-42-5	Styrene	10	U	10	1.3
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.6
127-18-4	Tetrachloroethene	2.2	J	10	1.6
108-88-3	Toluene	10	U	10	1.4
71-55-6	1,1,1-Trichloroethane	10	U	10	1.4
79-00-5	1,1,2-Trichloroethane	10	U	10	1.3
75-01-4	Vinyl chloride	10	U	10	2.0
1330-20-7	Xylenes, Total	10	U	10	4.5
156-60-5	trans-1,2-Dichloroethene	4.2	J	10	1.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-26I Lab Sample ID: 220-8033-5

Matrix: Water Lab File ID: V2031.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/25/2009 12:54

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24624 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117	53-125	
460-00-4	4-Bromofluorobenzene	89	73-127	
1868-53-7	Dibromofluoromethane	101	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V2031.D
Lab Smp Id: 220-8033-D-5 Client Smp ID: MW-26I
Inj Date : 25-FEB-2009 12:54 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-d-5
Misc Info : : ;;; ; 8260 ; 2 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V8260LOW.m
Meth Date : 25-Feb-2009 10:24 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 7
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	2.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1	Fluorobenzene	96	4.717	4.717	(1.000)	838259	25.0000	
	4	Vinyl Chloride	62	1.093	1.093	(0.232)	1381	0.23810	0.5(M)
	14	1,1-Dichloroethene	96	1.739	1.739	(0.369)	7134	1.28135	2
	18	2-Propanol	45	2.101	2.091	(0.446)	1050	2.25464	4
	20	Methylene Chloride	84	2.144	2.139	(0.455)	4957	0.69301	1
	22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	14717	2.11194	4
	31	1,1-Dichloroethane	63	2.790	2.795	(0.592)	7608	0.64725	1
	33	cis-1,2-Dichloroethene	96	3.345	3.340	(0.709)	946756	120.503	240(A)
$	41	Dibromofluoromethane	111	3.836	3.836	(0.813)	173264	25.3526	25
$	55	1,2-Dichloroethane-d4	65	4.396	4.391	(0.932)	212430	29.2250	29
	60	Trichloroethene	130	4.909	4.909	(1.041)	3779491	480.481	960(A)
*	75	Chlorobenzene-d5	117	8.458	8.458	(1.000)	617784	25.0000	
$	77	Toluene-d8	98	6.563	6.563	(0.776)	564190	22.8086	23
	80	Tetrachloroethene	164	7.075	7.070	(0.837)	6811	1.12275	2
*	95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	321417	25.0000	
	112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	6477	0.47196	0.9
$	125	Bromofluorobenzene	95	9.931	9.931	(0.906)	181136	22.1819	22
M	126	1,2-Dichloroethene (total)	100				961473	122.615	240

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: V2031.D

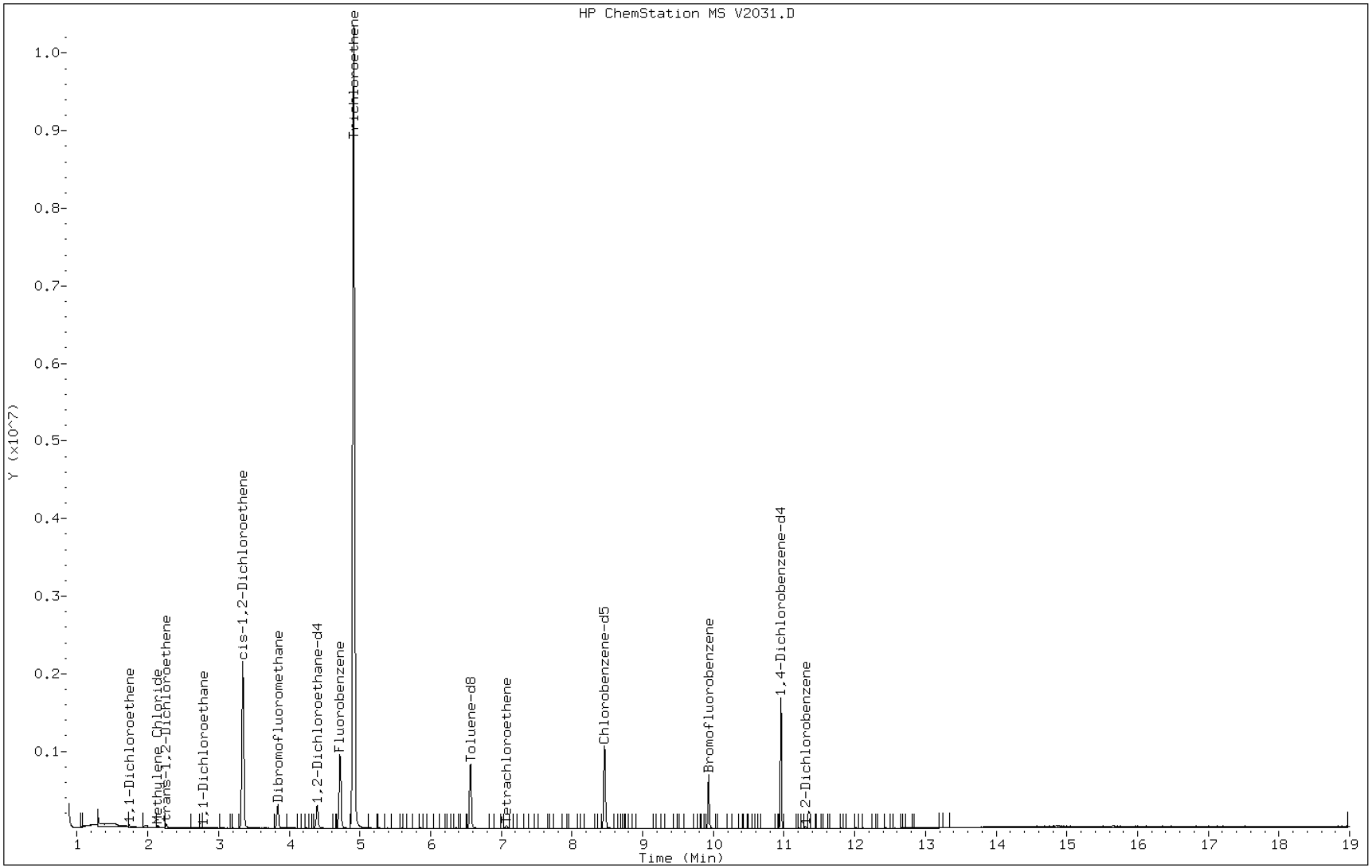
Date: 25-FEB-2009 12:54

Client ID: MW-26I

Instrument: msv.i

Sample Info: 220-8033-d-5

Operator: B.KOSTRZEWSKA



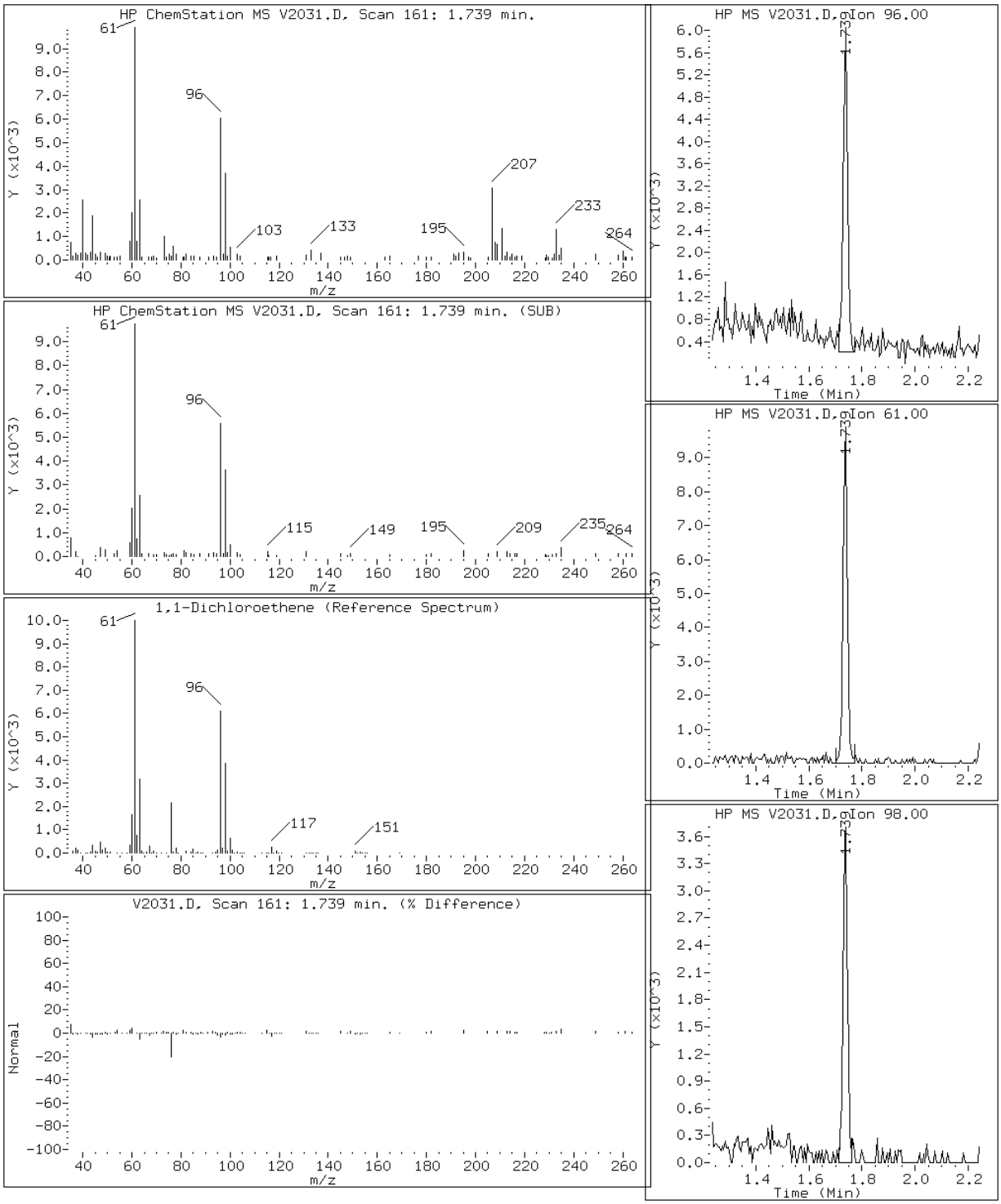
Data File: V2031.D

Date: 25-FEB-2009 12:54

Client ID: MW-26I Instrument: msv.i

Sample Info: 220-8033-d-5 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: V2031.D

Date: 25-FEB-2009 12:54

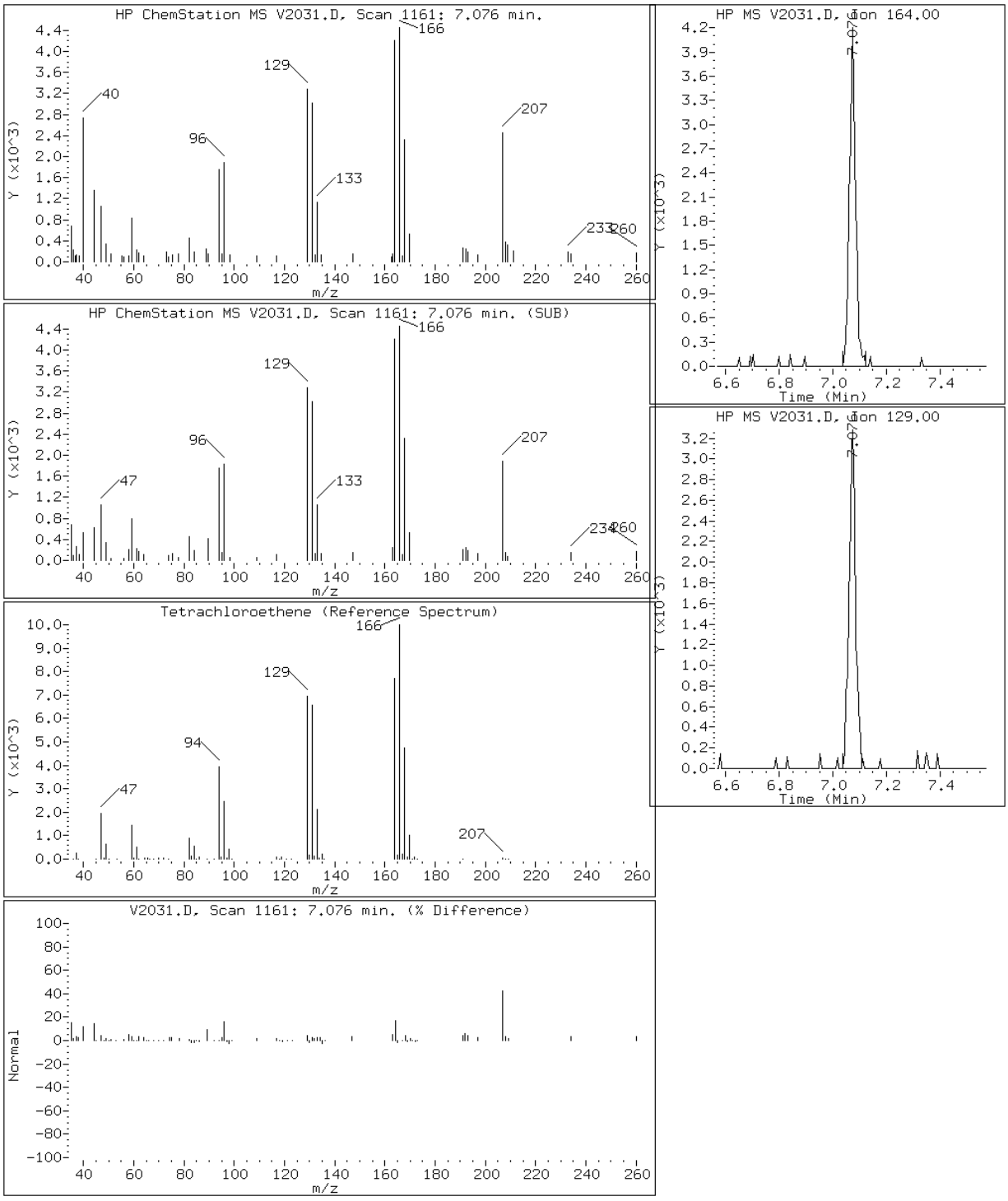
Client ID: MW-26I

Instrument: msv.i

Sample Info: 220-8033-d-5

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



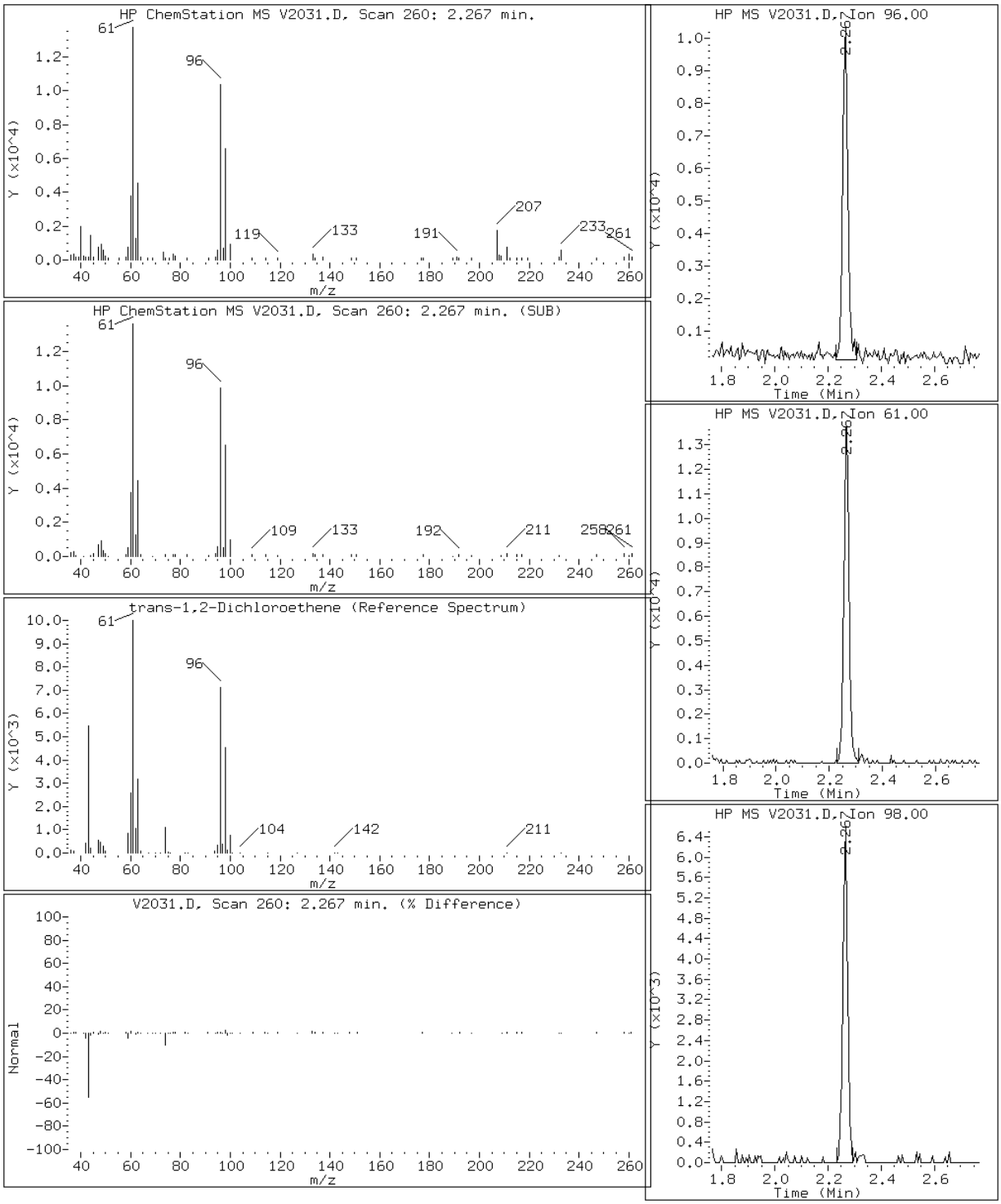
Data File: V2031.D

Date: 25-FEB-2009 12:54

Client ID: MW-26I Instrument: msv.i

Sample Info: 220-8033-d-5 Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-26I | Lab Sample ID: 220-8033-5

Matrix: Water | Lab File ID: V2029.D

Analysis Method: 8260B | Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/25/2009 12:01

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24624 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1100		100	12
156-59-2	cis-1,2-Dichloroethene	270		100	20

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119	53-125	
460-00-4	4-Bromofluorobenzene	90	73-127	
1868-53-7	Dibromofluoromethane	102	54-137	
2037-26-5	Toluene-d8 (Surr)	92	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V2029.D
Lab Smp Id: 220-8033-D-5 Client Smp ID: MW-26I
Inj Date : 25-FEB-2009 12:01 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-d-5
Misc Info : : ;;; ; 8260 ; 20 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V8260LOW.m
Meth Date : 25-Feb-2009 10:24 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 5
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.717	4.717	(1.000)	839307	25.0000	
	20 Methylene Chloride	84	2.144	2.139	(0.455)	8370	1.16871	23
	22 trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	1955	0.28020	6
	33 cis-1,2-Dichloroethene	96	3.345	3.340	(0.709)	105783	13.4472	270
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	174422	25.4902	25
$	55 1,2-Dichloroethane-d4	65	4.396	4.391	(0.932)	216432	29.7384	30
	60 Trichloroethene	130	4.909	4.909	(1.041)	445333	56.5438	1100
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	626622	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	575964	22.9562	23
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	333002	25.0000	
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	189739	22.4271	22
M	126 1,2-Dichloroethene (total)	100				107738	13.7274	270

Data File: V2029.D

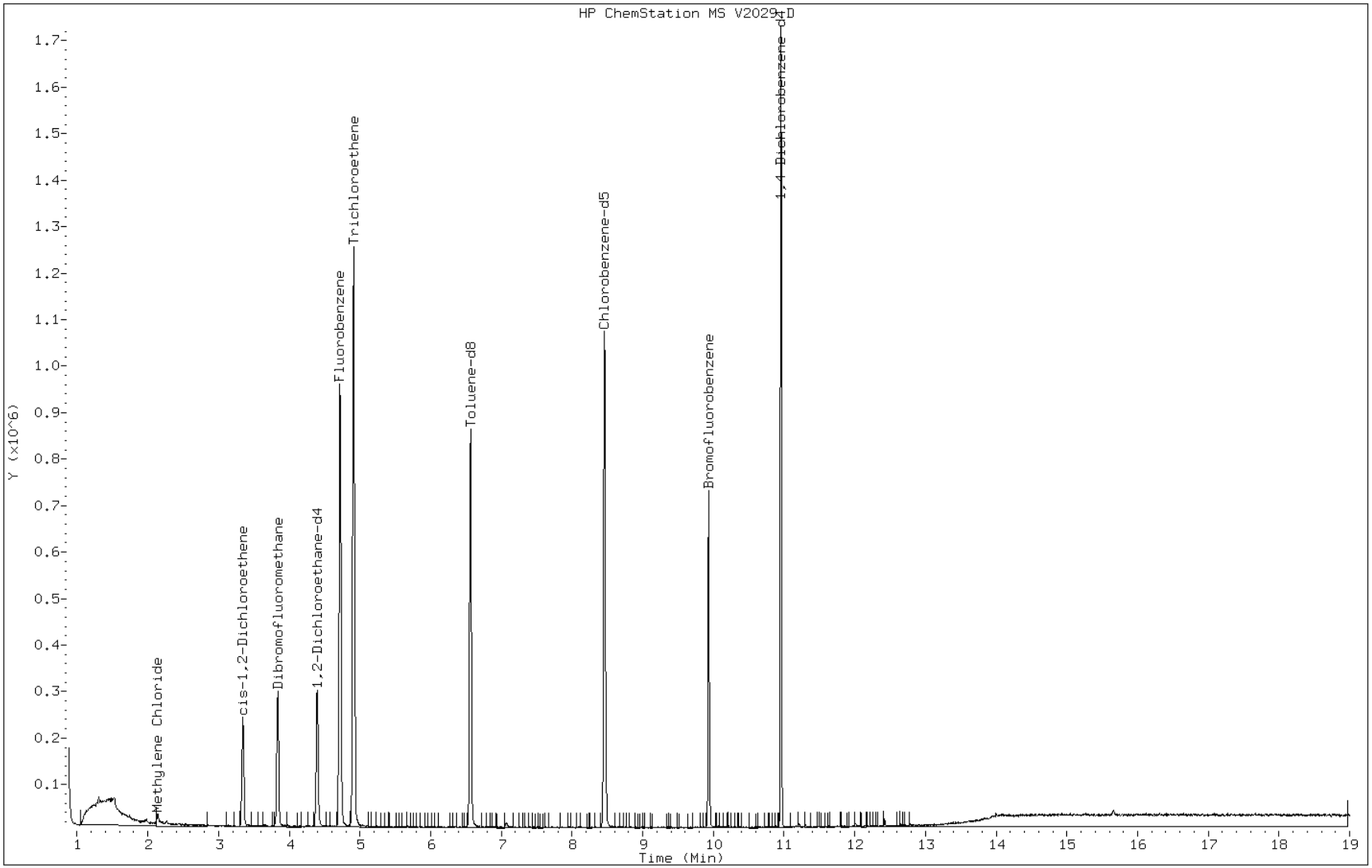
Date: 25-FEB-2009 12:01

Client ID: MW-26I

Instrument: msv.i

Sample Info: 220-8033-d-5

Operator: B.KOSTRZEWSKA



Data File: V2029.D

Date: 25-FEB-2009 12:01

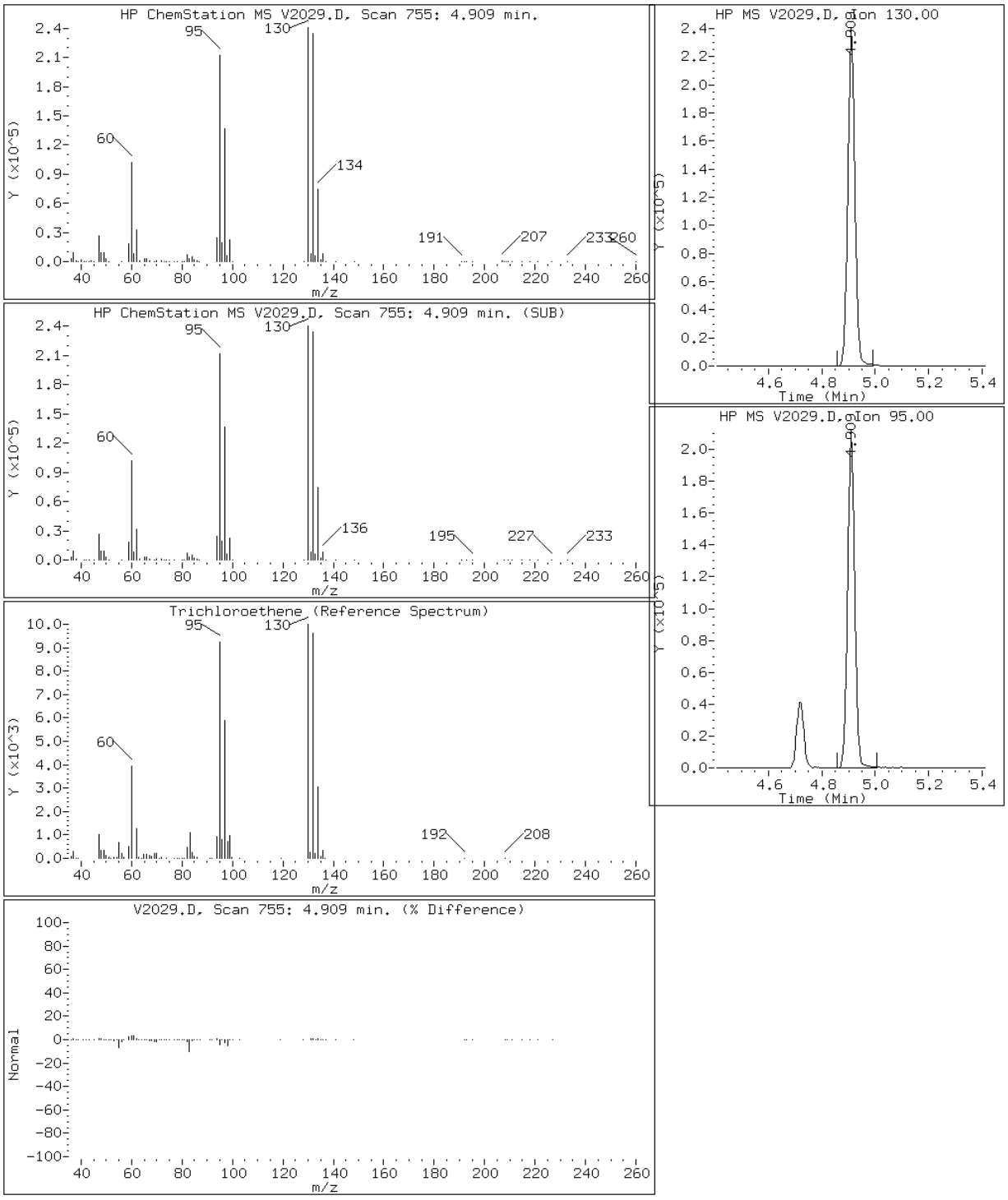
Client ID: MW-26I

Instrument: msv.i

Sample Info: 220-8033-d-5

Operator: B.KOSTRZEWSKA

60 Trichloroethene



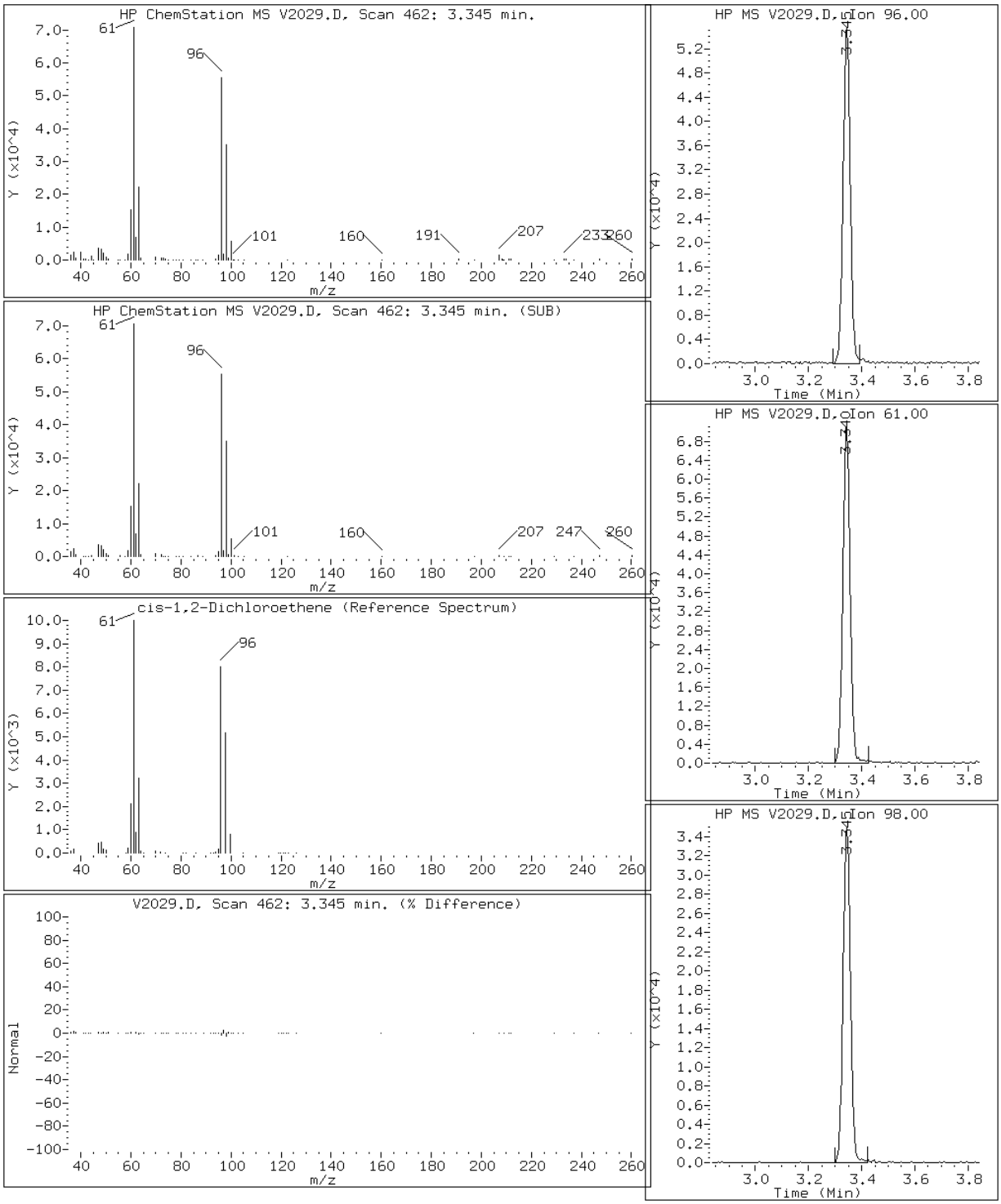
Data File: V2029.D

Date: 25-FEB-2009 12:01

Client ID: MW-26I Instrument: msv.i

Sample Info: 220-8033-d-5 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-30I Lab Sample ID: 220-8033-6

Matrix: Water Lab File ID: V1971.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 20:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U *	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	88		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.4		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-30I Lab Sample ID: 220-8033-6

Matrix: Water Lab File ID: V1971.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 20:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125	53-125	
460-00-4	4-Bromofluorobenzene	81	73-127	
1868-53-7	Dibromofluoromethane	106	54-137	
2037-26-5	Toluene-d8 (Surr)	86	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1971.D
Lab Smp Id: 220-8033-C-6 Client Smp ID: MW-30I
Inj Date : 23-FEB-2009 20:46 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-c-6
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1	Fluorobenzene	96	4.722	4.717	(1.000)	743208	25.0000	
	4	Vinyl Chloride	62	1.093	1.093	(0.231)	1156	0.22480	0.2(M)
	20	Methylene Chloride	84	2.139	2.139	(0.453)	768	0.12110	0.1(MH)
	33	cis-1,2-Dichloroethene	96	3.345	3.340	(0.708)	37947	5.44760	5
$	41	Dibromofluoromethane	111	3.836	3.836	(0.812)	160255	26.4480	26
$	55	1,2-Dichloroethane-d4	65	4.396	4.396	(0.931)	201167	31.2150	31
	60	Trichloroethene	130	4.908	4.909	(1.040)	610609	87.5536	88
*	75	Chlorobenzene-d5	117	8.458	8.458	(1.000)	591783	25.0000	
$	77	Toluene-d8	98	6.563	6.563	(0.776)	511877	21.6029	22
	80	Tetrachloroethene	164	7.075	7.075	(0.837)	3382	0.58199	0.6
*	95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	324453	25.0000	
$	125	Bromofluorobenzene	95	9.931	9.931	(0.906)	166305	20.1751	20
M	126	1,2-Dichloroethene (total)	100				37947	5.44760	5

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1971.D

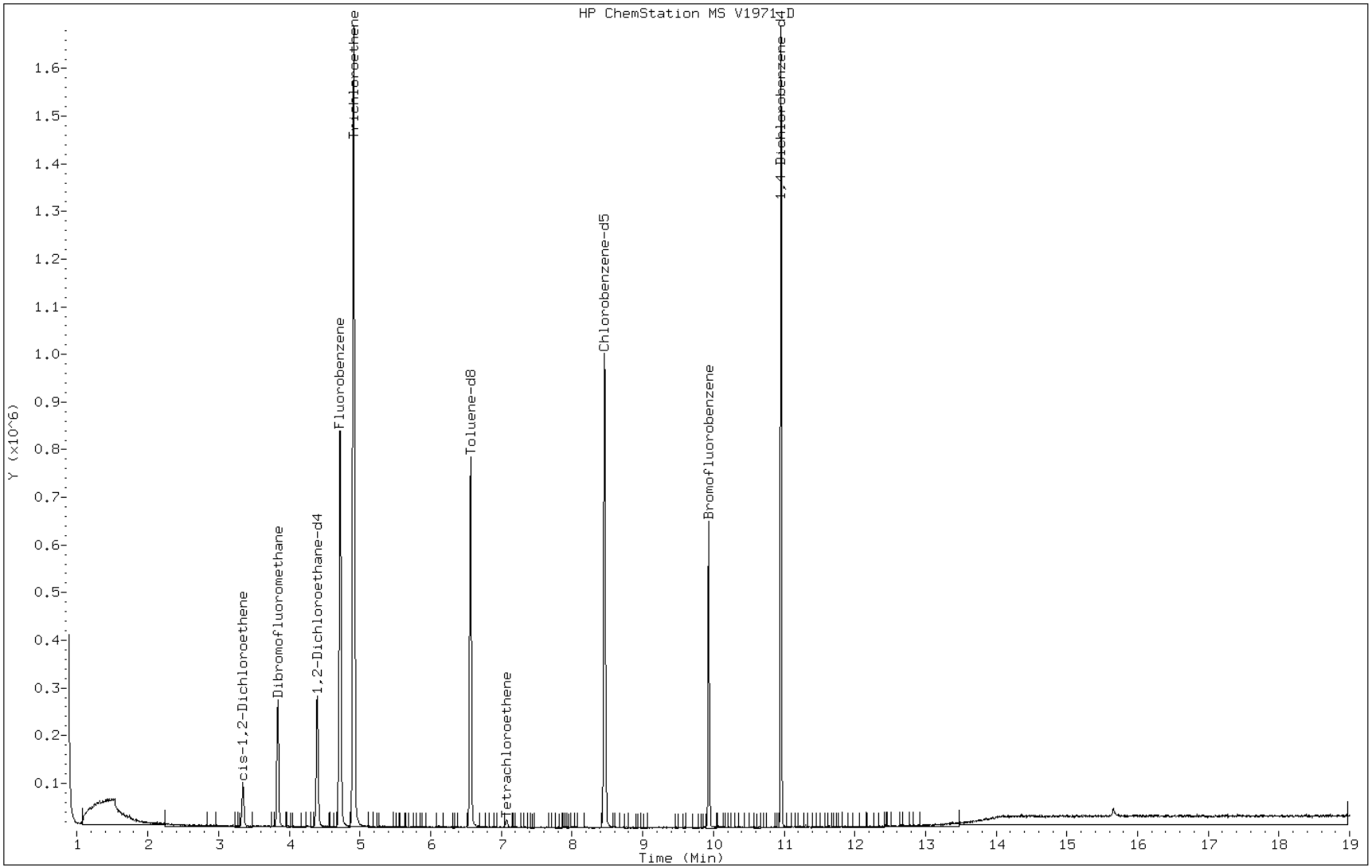
Date: 23-FEB-2009 20:46

Client ID: MW-30I

Instrument: msv.i

Sample Info: 220-8033-c-6

Operator: B.KOSTRZEWSKA



Data File: V1971.D

Date: 23-FEB-2009 20:46

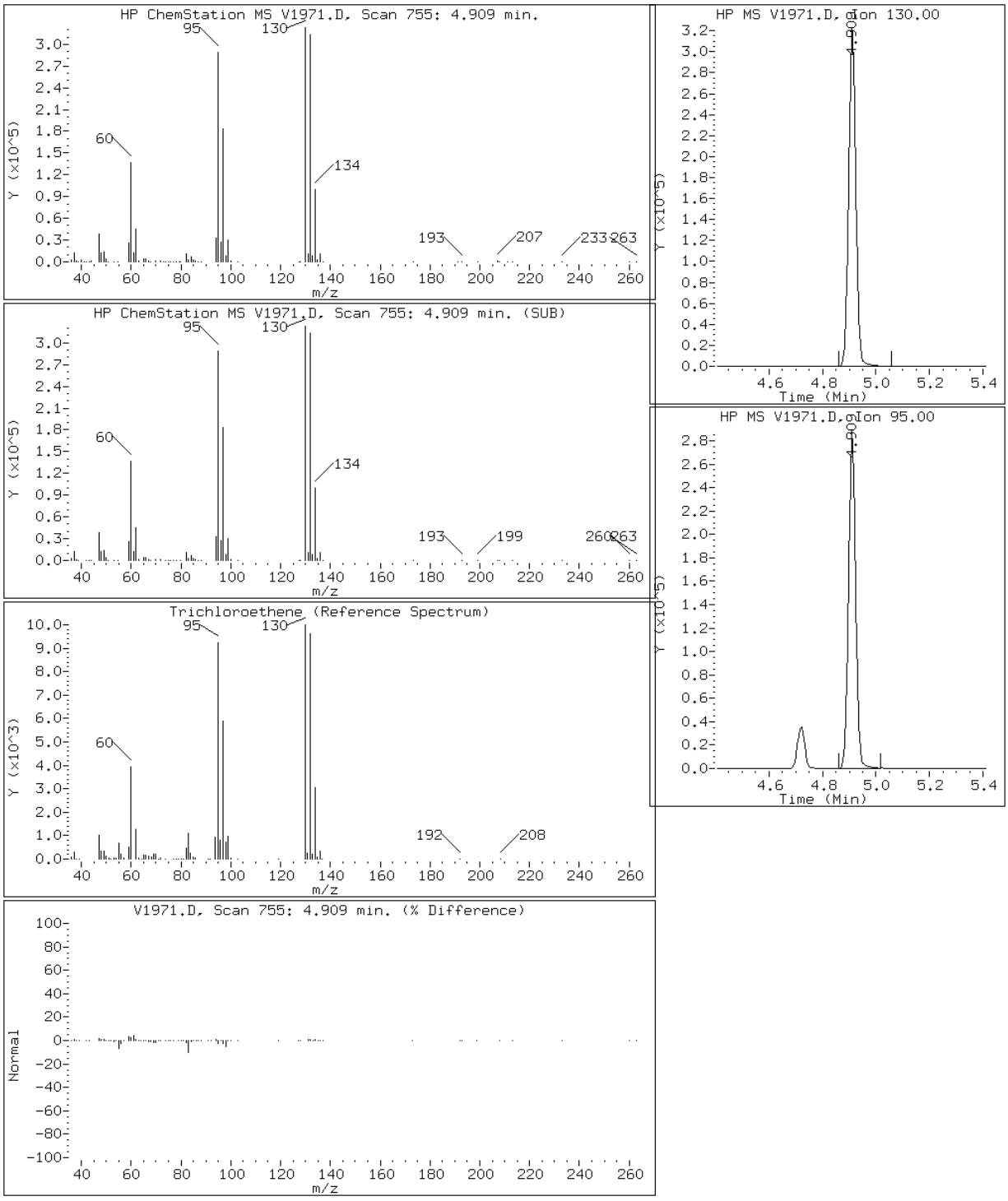
Client ID: MW-30I

Instrument: msv.i

Sample Info: 220-8033-c-6

Operator: B.KOSTRZEWSKA

60 Trichloroethene



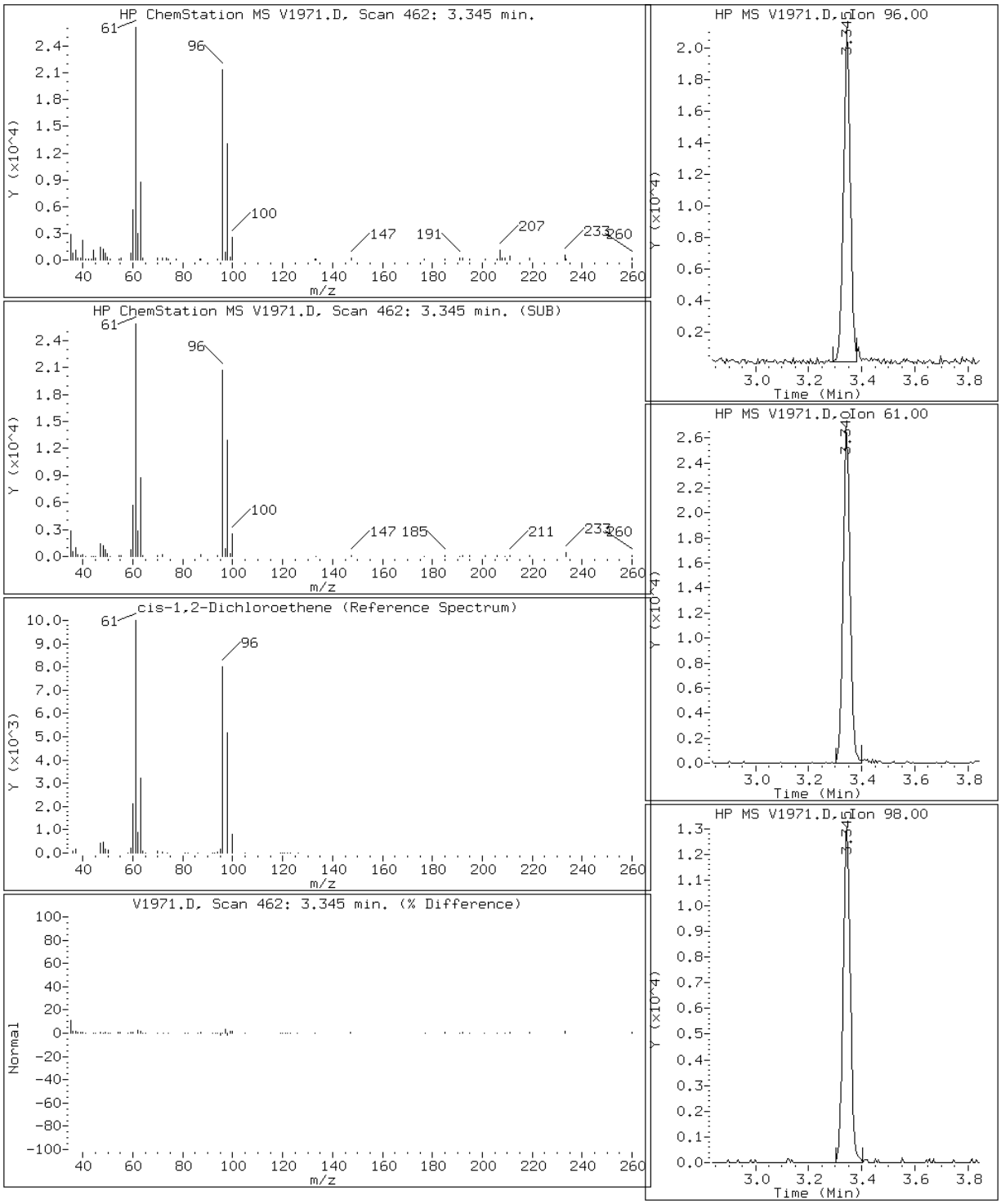
Data File: V1971.D

Date: 23-FEB-2009 20:46

Client ID: MW-30I Instrument: msv.i

Sample Info: 220-8033-c-6 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-31I Lab Sample ID: 220-8033-7

Matrix: Water Lab File ID: V1972.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 21:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U *	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	2.4	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	4.1	J	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	12		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	2.4	J	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-31I Lab Sample ID: 220-8033-7

Matrix: Water Lab File ID: V1972.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 21:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	107	54-137	
2037-26-5	Toluene-d8 (Surr)	88	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1972.D
Lab Smp Id: 220-8033-C-7 Client Smp ID: MW-31I
Inj Date : 23-FEB-2009 21:12 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-c-7
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.716	4.717	(1.000)	727356	25.0000	
	20 Methylene Chloride	84	2.133	2.139	(0.452)	1116	0.17981	0.2
	24 Methyl tert-Butyl Ether	73	2.357	2.358	(0.500)	9264	0.52096	0.5
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	4101	0.40209	0.4(M)
	33 cis-1,2-Dichloroethene	96	3.339	3.340	(0.708)	16533	2.42517	2
	38 Chloroform	83	3.644	3.644	(0.773)	3832	0.37867	0.4
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	158265	26.6889	27
	44 1,1,1-Trichloroethane	97	3.846	3.841	(0.816)	33813	4.08968	4
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	194551	30.8463	31
	60 Trichloroethene	130	4.908	4.909	(1.041)	79450	11.6404	12
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	576369	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	505810	21.9178	22
	80 Tetrachloroethene	164	7.075	7.075	(0.837)	13793	2.43705	2
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	313925	25.0000	
$	125 Bromofluorobenzene	95	9.930	9.931	(0.906)	166561	20.8838	21
M	126 1,2-Dichloroethene (total)	100				16533	2.42517	2

QC Flag Legend

M - Compound response manually integrated.

Data File: V1972.D

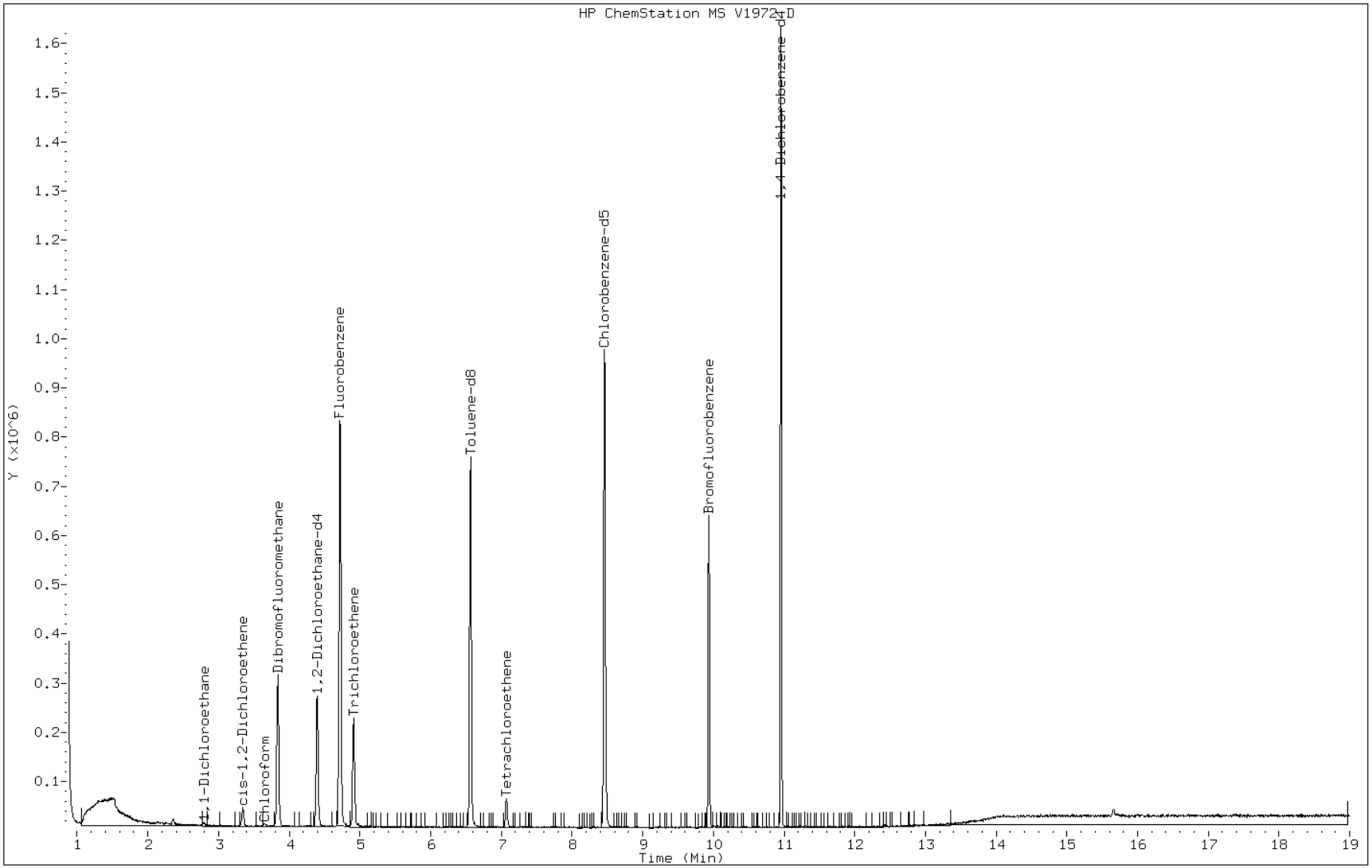
Date: 23-FEB-2009 21:12

Client ID: MW-31I

Instrument: msv.i

Sample Info: 220-8033-c-7

Operator: B.KOSTRZEWSKA



Data File: V1972.D

Date: 23-FEB-2009 21:12

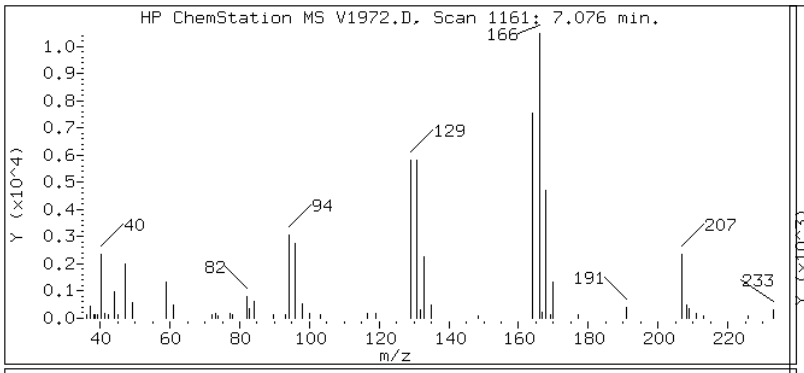
Client ID: MW-31I

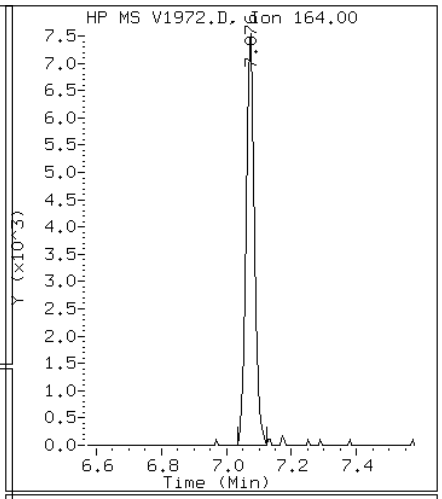
Instrument: msv.i

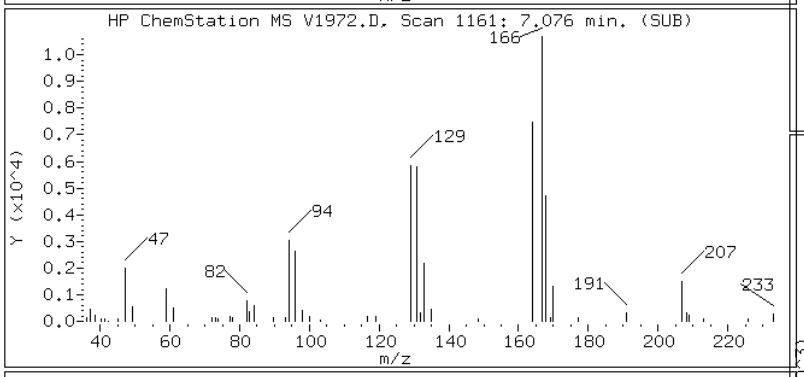
Sample Info: 220-8033-c-7

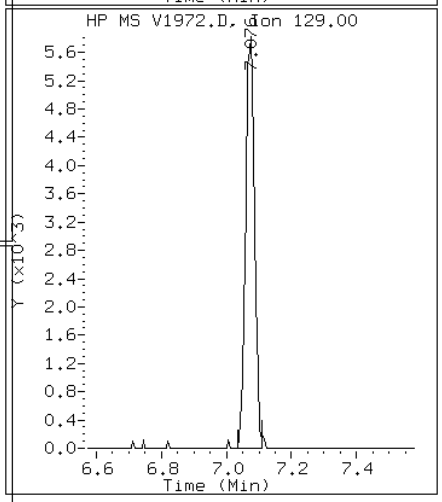
Operator: B.KOSTRZEWSKA

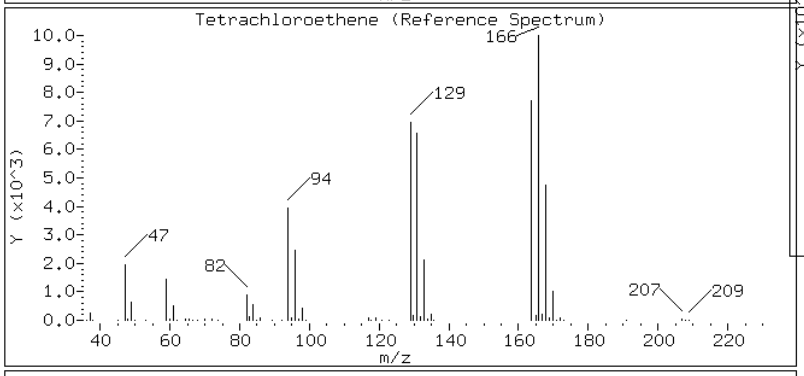
80 Tetrachloroethene

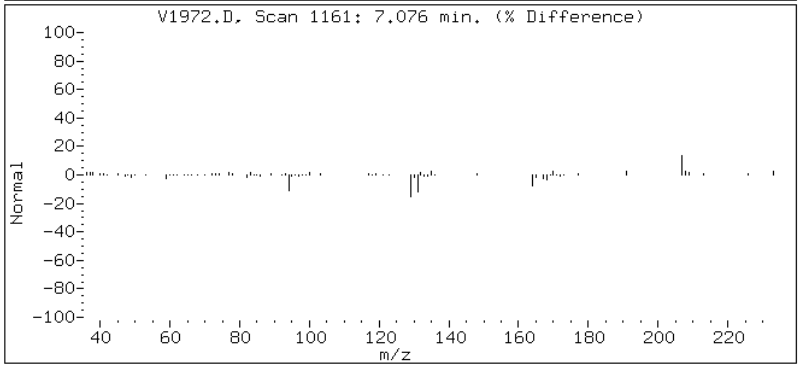












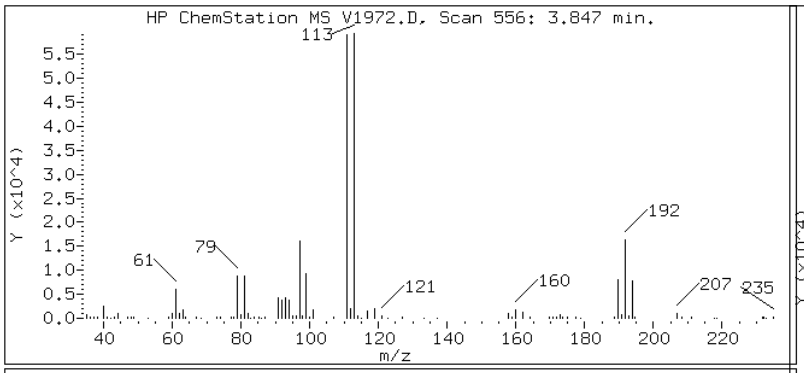
Data File: V1972.D

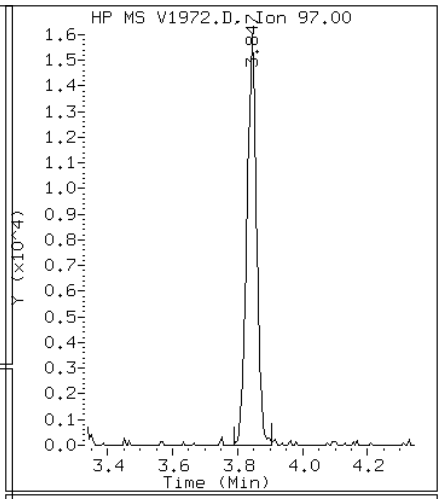
Date: 23-FEB-2009 21:12

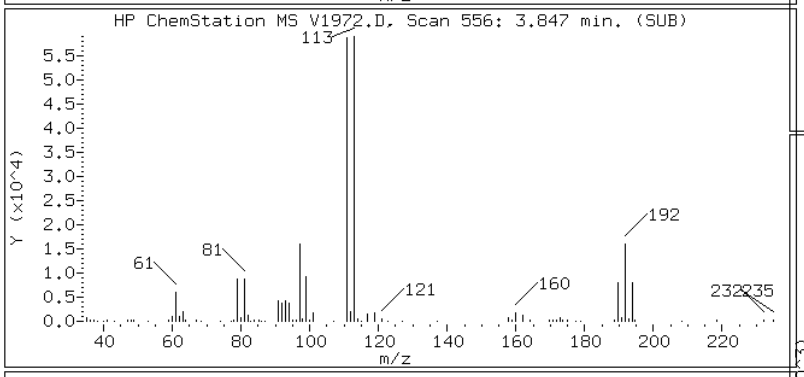
Client ID: MW-31I Instrument: msv.i

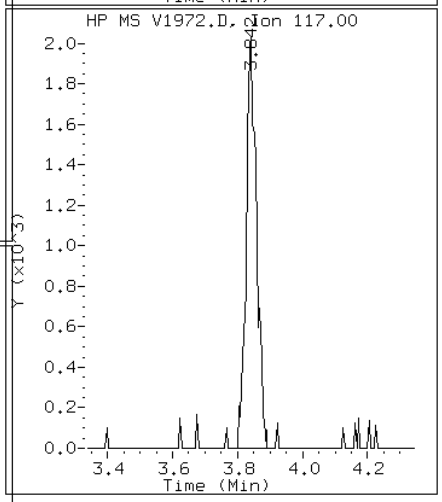
Sample Info: 220-8033-c-7 Operator: B.KOSTRZEWSKA

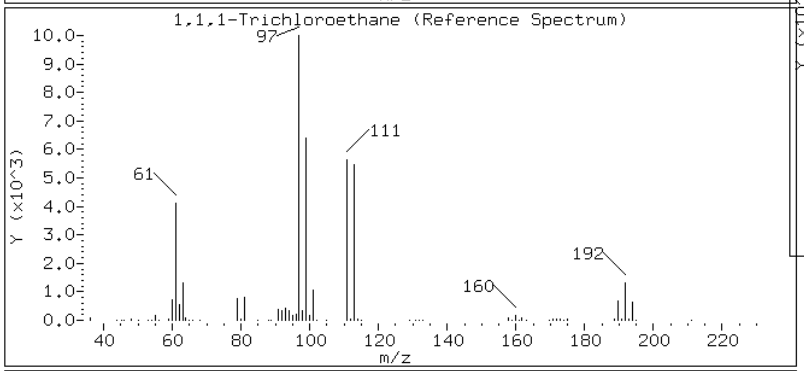
44 1,1,1-Trichloroethane

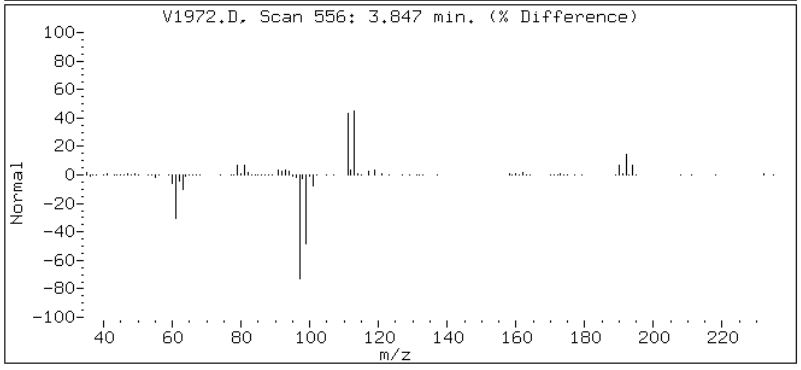












Data File: V1972.D

Date: 23-FEB-2009 21:12

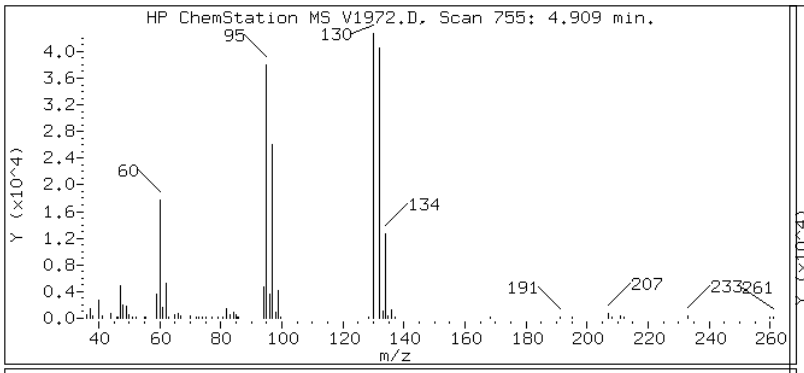
Client ID: MW-31I

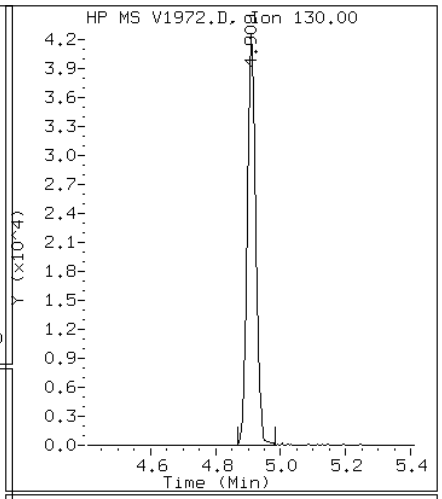
Instrument: msv.i

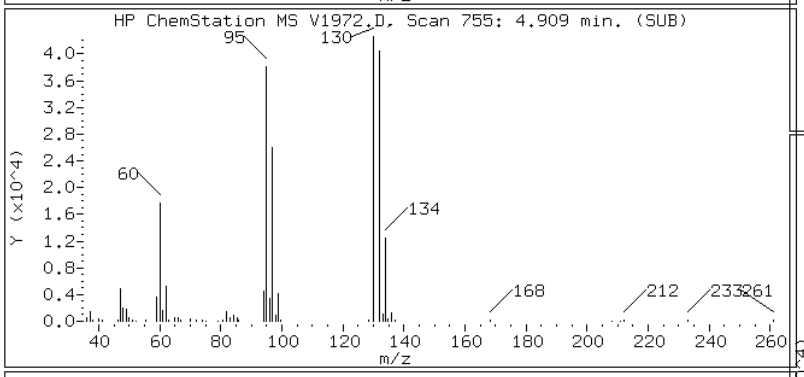
Sample Info: 220-8033-c-7

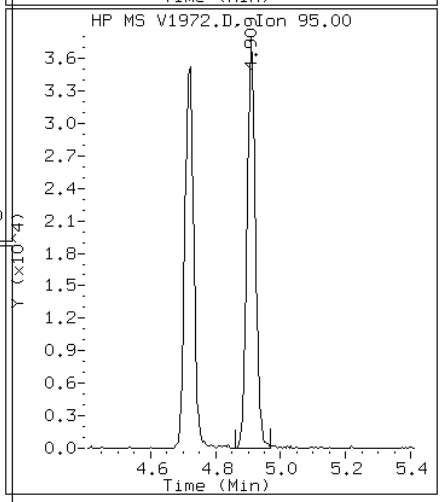
Operator: B.KOSTRZEWSKA

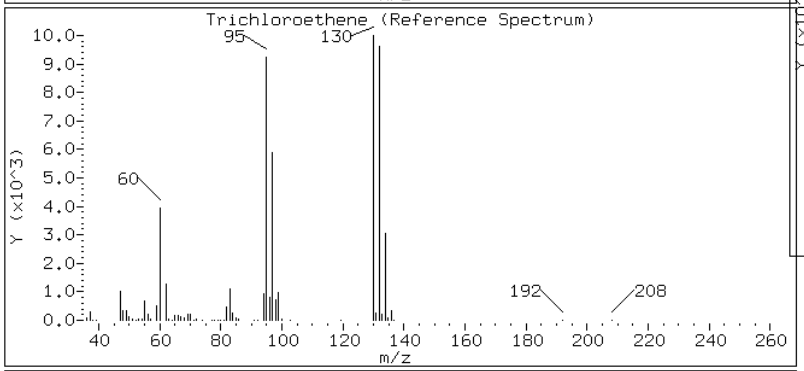
60 Trichloroethene

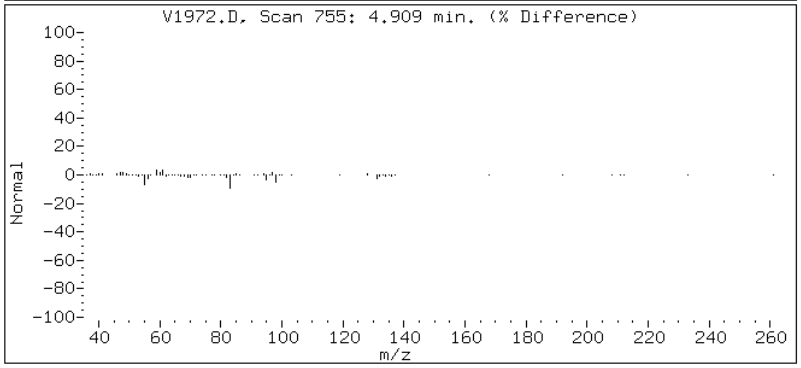












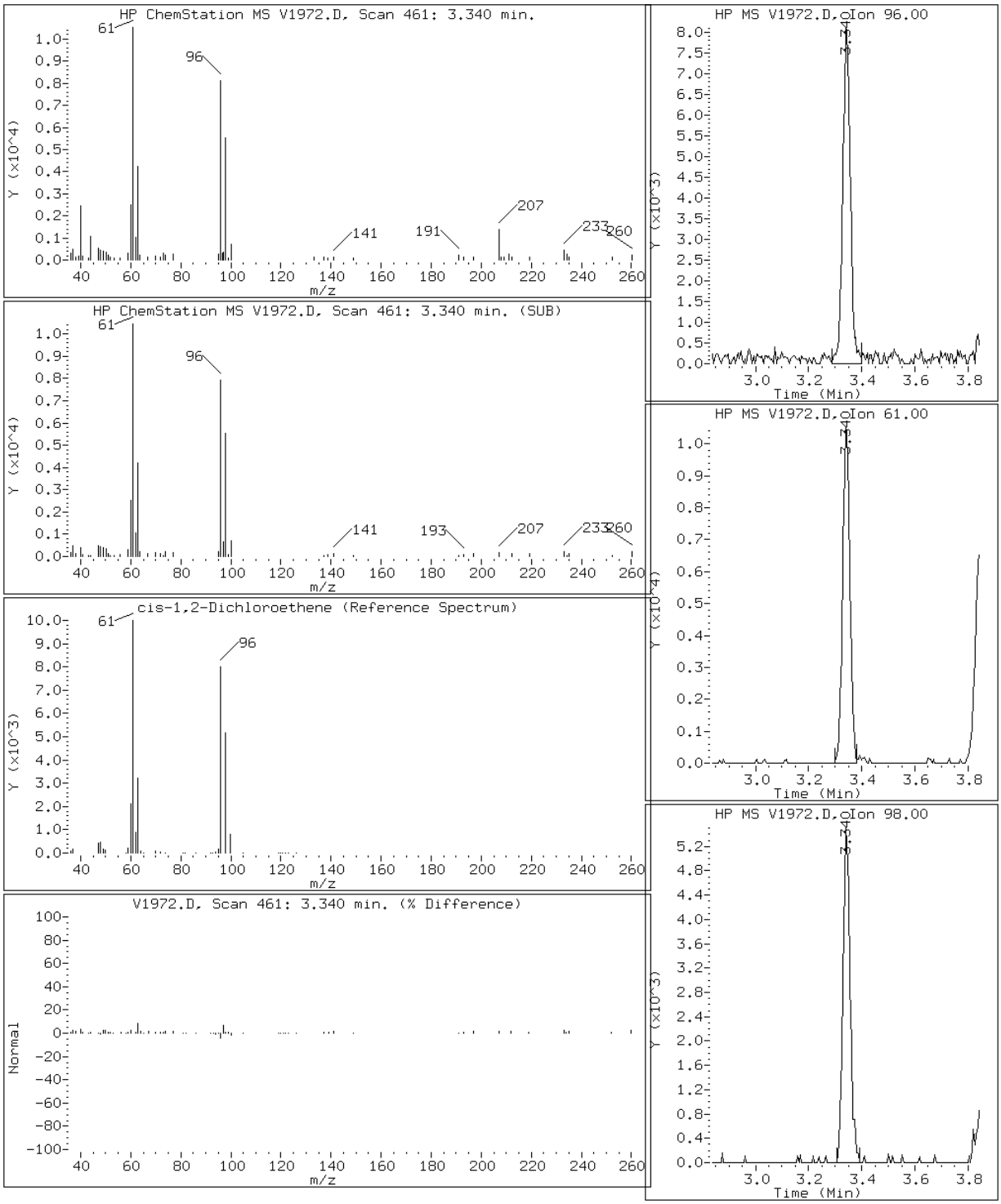
Data File: V1972.D

Date: 23-FEB-2009 21:12

Client ID: MW-31I Instrument: msv.i

Sample Info: 220-8033-c-7 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-33I | Lab Sample ID: 220-8033-8

Matrix: Water | Lab File ID: V1975.D

Analysis Method: 8260B | Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2009 22:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24589 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U *	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	2.3	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-33I Lab Sample ID: 220-8033-8

Matrix: Water Lab File ID: V1975.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 22:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	108	54-137	
2037-26-5	Toluene-d8 (Surr)	87	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1975.D
Lab Smp Id: 220-8033-D-8 Client Smp ID: MW-33I
Inj Date : 23-FEB-2009 22:31 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-d-8
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.717	4.717	(1.000)	714189	25.0000	
	20 Methylene Chloride	84	2.139	2.139	(0.454)	1050	0.17230	0.2
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	157190	26.9963	27
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	193068	31.1755	31
	60 Trichloroethene	130	4.909	4.909	(1.041)	15674	2.33877	2
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	567605	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	492012	21.6491	22
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	310843	25.0000	
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	165272	20.9277	21

Data File: V1975.D

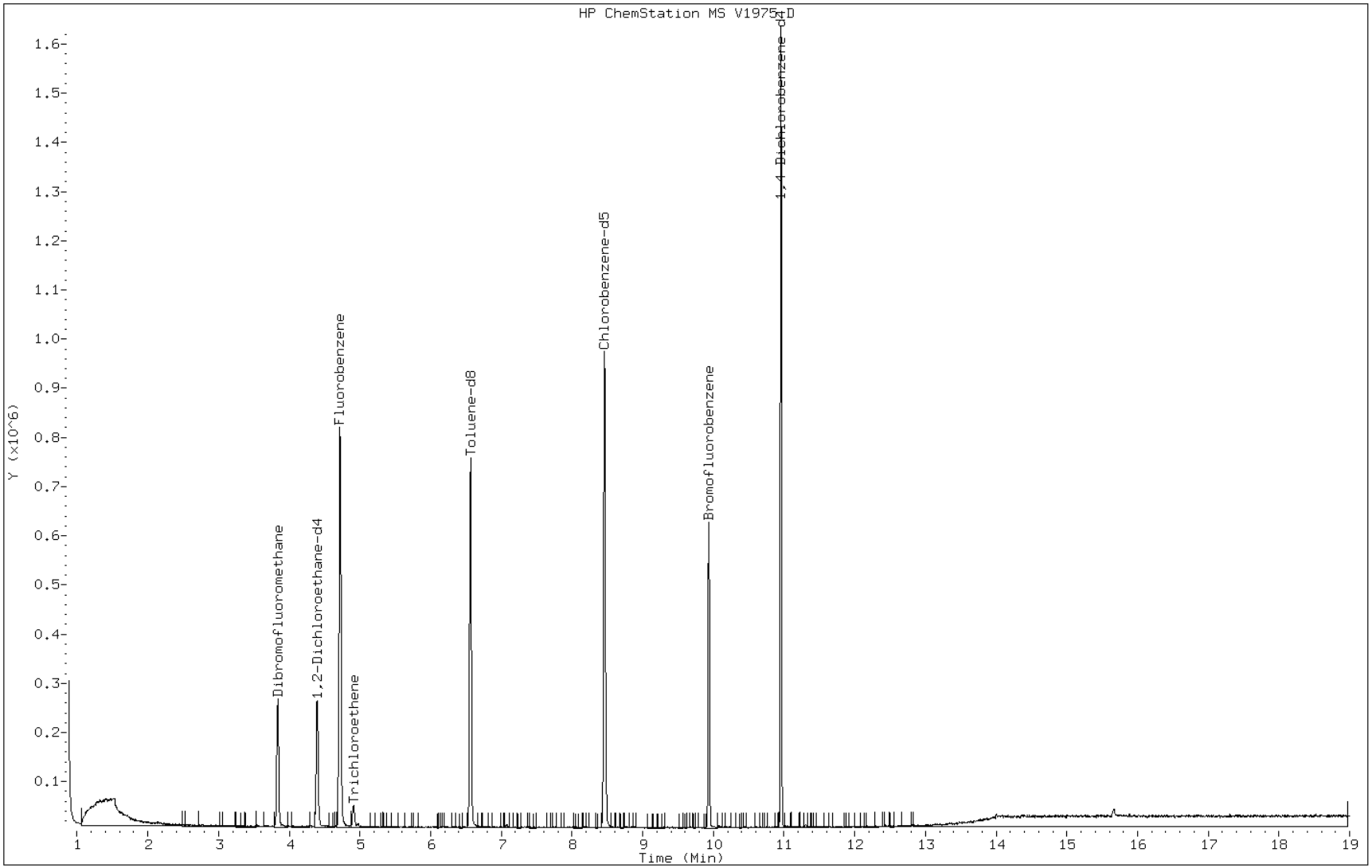
Date: 23-FEB-2009 22:31

Client ID: MW-33I

Instrument: msv.i

Sample Info: 220-8033-d-8

Operator: B.KOSTRZEWSKA



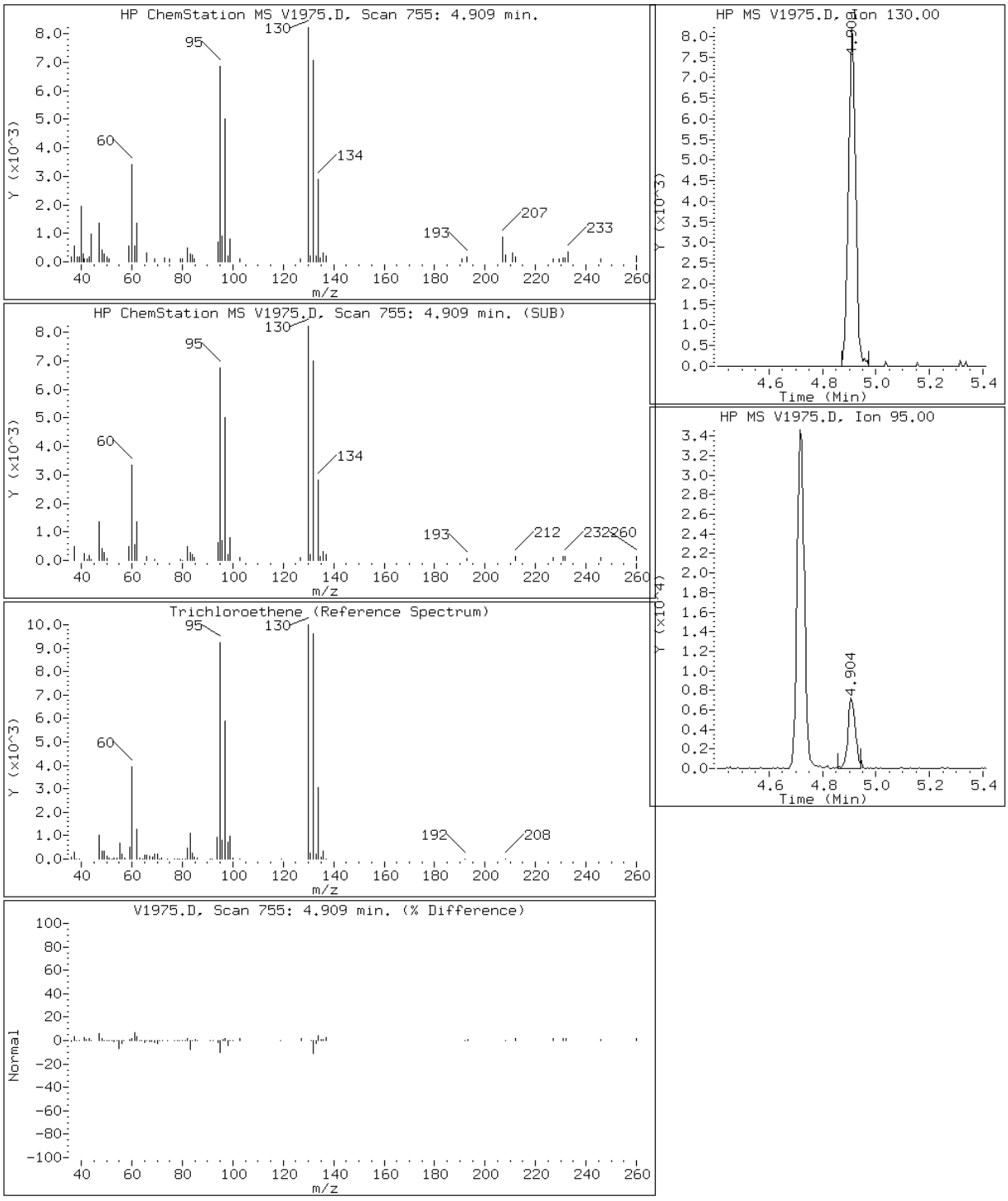
Data File: V1975.D

Date: 23-FEB-2009 22:31

Client ID: MW-33I Instrument: msv.i

Sample Info: 220-8033-d-8 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-34I | Lab Sample ID: 220-8033-9

Matrix: Water | Lab File ID: V1973.D

Analysis Method: 8260B | Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2009 21:38

Soil Aliquot Vol: | Dilution Factor: 20

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24589 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	200	U	200	21
71-43-2	Benzene	100	U	100	15
75-27-4	Bromodichloromethane	100	U	100	9.6
75-25-2	Bromoform	100	U	100	9.2
74-83-9	Bromomethane	100	U	100	42
78-93-3	Methyl Ethyl Ketone	200	U	200	22
75-15-0	Carbon disulfide	100	U	100	18
56-23-5	Carbon tetrachloride	100	U	100	21
108-90-7	Chlorobenzene	100	U	100	14
75-00-3	Chloroethane	100	U	100	21
67-66-3	Chloroform	100	U	100	13
74-87-3	Chloromethane	100	U	100	22
124-48-1	Dibromochloromethane	100	U	100	11
75-34-3	1,1-Dichloroethane	100	U	100	21
107-06-2	1,2-Dichloroethane	100	U *	100	14
75-35-4	1,1-Dichloroethene	53	J	100	17
78-87-5	1,2-Dichloropropane	100	U	100	14
10061-01-5	cis-1,3-Dichloropropene	100	U	100	5.6
10061-02-6	trans-1,3-Dichloropropene	100	U	100	11
100-41-4	Ethylbenzene	100	U	100	17
591-78-6	2-Hexanone	200	U	200	22
75-09-2	Methylene Chloride	17	J	100	16
108-10-1	methyl isobutyl ketone	200	U	200	7.6
100-42-5	Styrene	100	U	100	13
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	16
127-18-4	Tetrachloroethene	100	U	100	16
108-88-3	Toluene	100	U	100	14
71-55-6	1,1,1-Trichloroethane	100	U	100	14
79-00-5	1,1,2-Trichloroethane	100	U	100	13
75-01-4	Vinyl chloride	24	J	100	20
1330-20-7	Xylenes, Total	100	U	100	45
156-59-2	cis-1,2-Dichloroethene	180		100	20
156-60-5	trans-1,2-Dichloroethene	100	U	100	15

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-34I Lab Sample ID: 220-8033-9

Matrix: Water Lab File ID: V1973.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 21:38

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	123	53-125	
460-00-4	4-Bromofluorobenzene	82	73-127	
1868-53-7	Dibromofluoromethane	106	54-137	
2037-26-5	Toluene-d8 (Surr)	87	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1973.D
Lab Smp Id: 220-8033-C-9 Client Smp ID: MW-34I
Inj Date : 23-FEB-2009 21:38 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-c-9
Misc Info : : ;;; ; 8260 ;20; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 24
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.716	4.717	(1.000)	733734	25.0000	
	4 Vinyl Chloride	62	1.093	1.093	(0.232)	6059	1.19346	24
	14 1,1-Dichloroethene	96	1.738	1.739	(0.369)	13020	2.67169	53
	20 Methylene Chloride	84	2.139	2.139	(0.454)	5187	0.82847	16
	22 trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	1988	0.32592	6
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	2714	0.26379	5(M)
	33 cis-1,2-Dichloroethene	96	3.345	3.340	(0.709)	60410	8.78432	180
	38 Chloroform	83	3.638	3.644	(0.771)	1889	0.18504	4
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	158005	26.4134	26
$	55 1,2-Dichloroethane-d4	65	4.391	4.396	(0.931)	195372	30.7072	31
	60 Trichloroethene	130	4.909	4.909	(1.041)	1880501	273.122	5500(A)
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	571352	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	499008	21.8129	22
	80 Tetrachloroethene	164	7.065	7.075	(0.835)	935	0.16665	3(M)
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	314931	25.0000	
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	164292	20.5335	20
M	126 1,2-Dichloroethene (total)	100				62398	9.11025	180

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

QC Flag Legend

M - Compound response manually integrated.

Data File: V1973.D

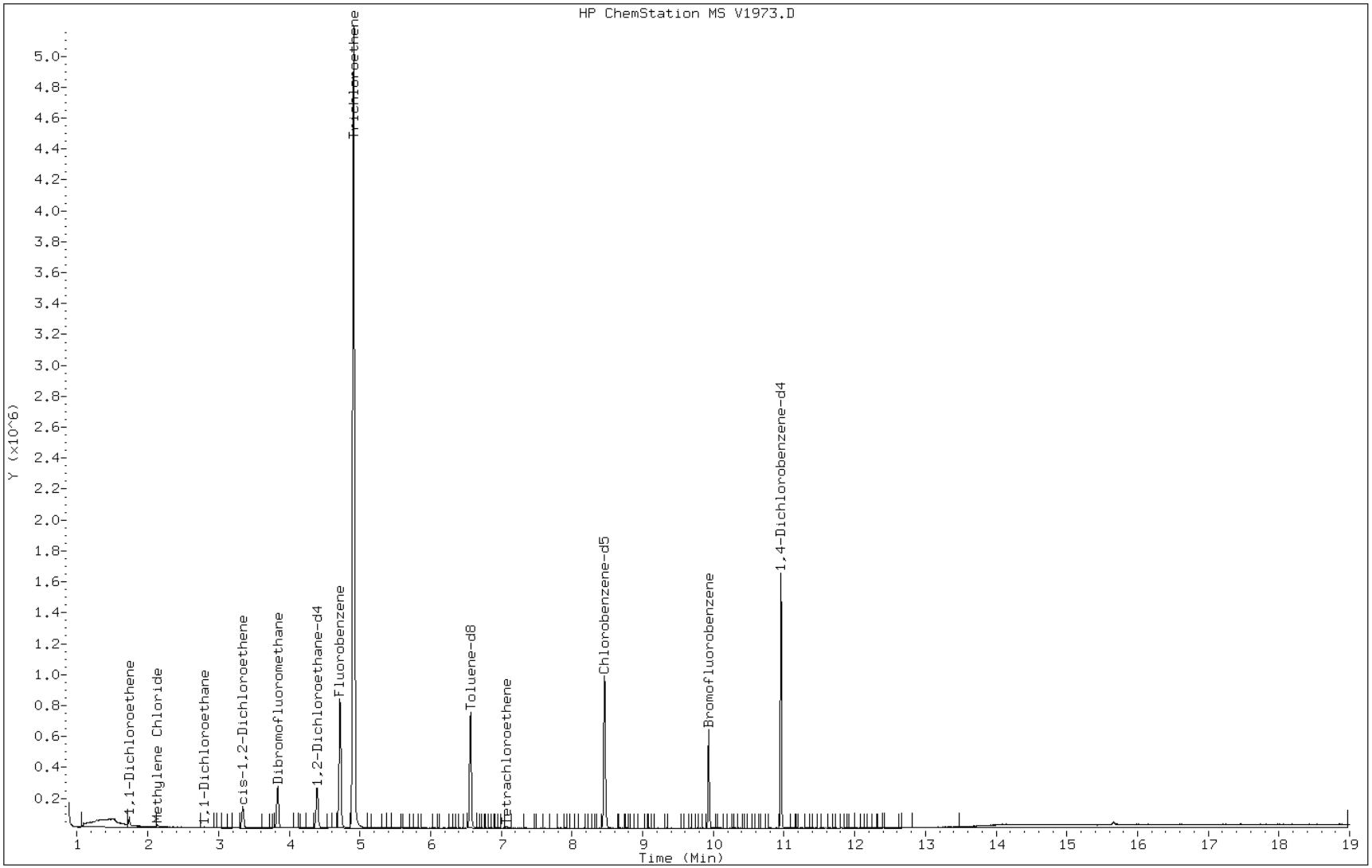
Date: 23-FEB-2009 21:38

Client ID: MW-34I

Instrument: msv.i

Sample Info: 220-8033-c-9

Operator: B.KOSTRZEWSKA



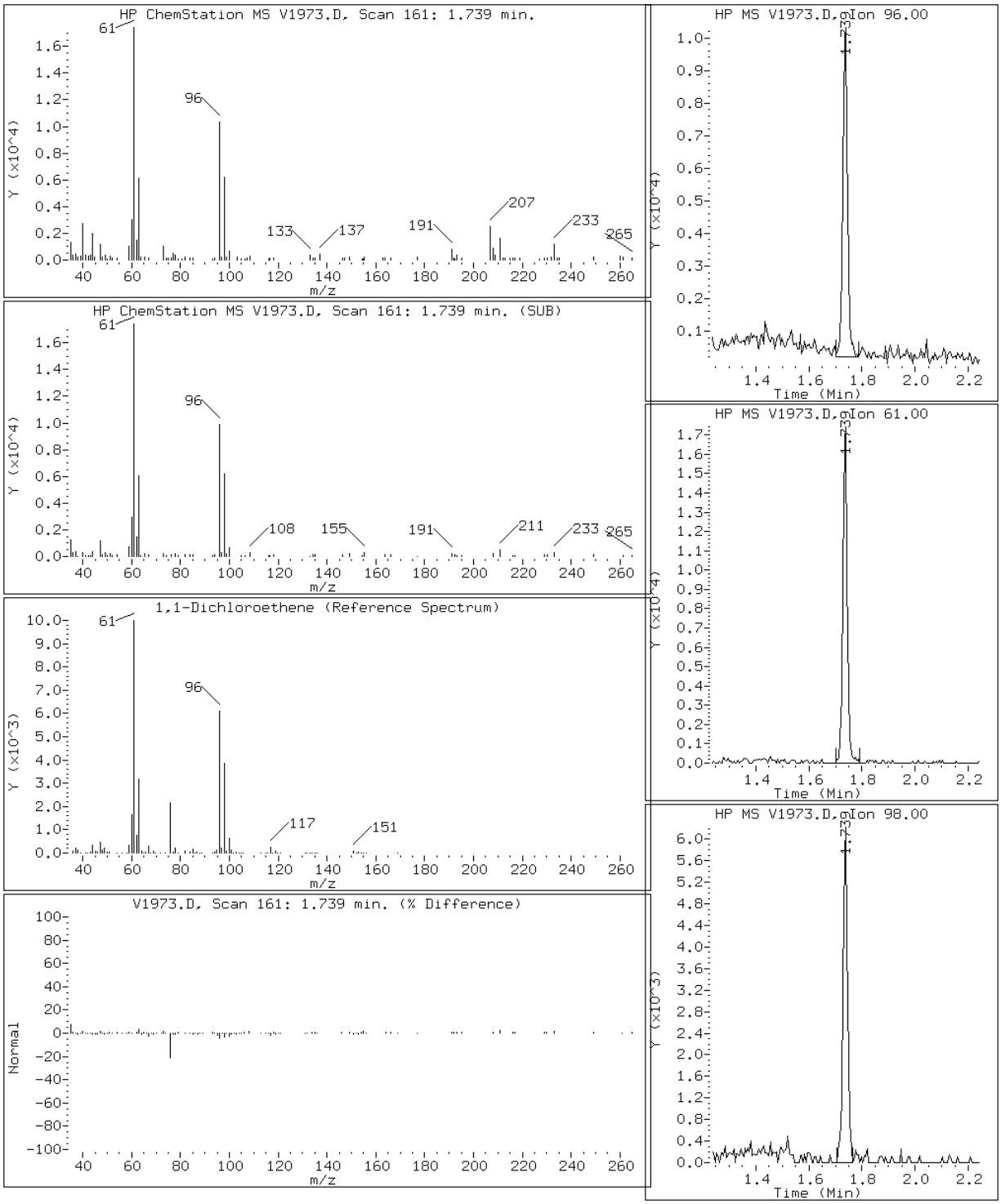
Data File: V1973.D

Date: 23-FEB-2009 21:38

Client ID: MW-34I Instrument: msv.i

Sample Info: 220-8033-c-9 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: V1973.D

Date: 23-FEB-2009 21:38

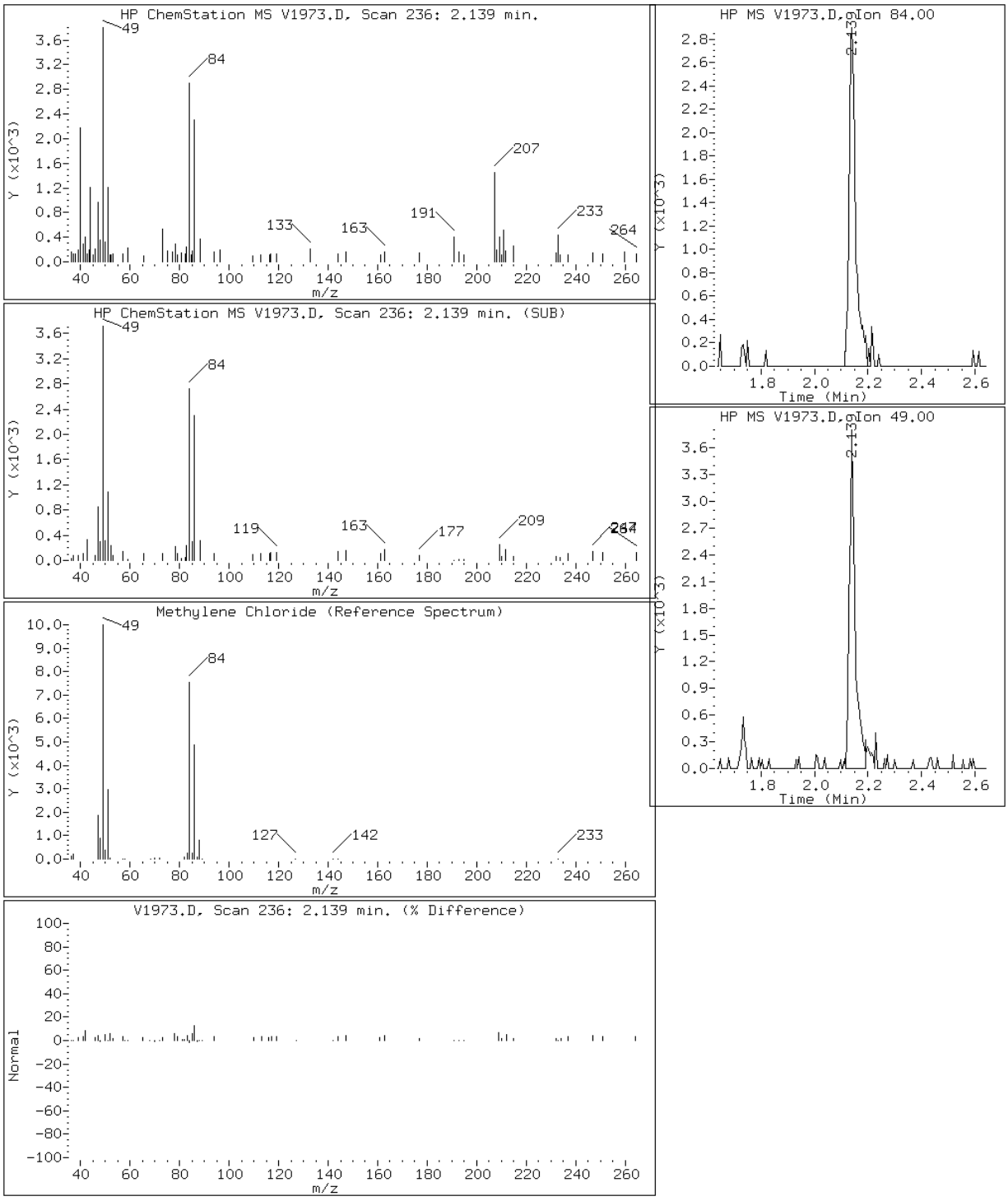
Client ID: MW-34I

Instrument: msv.i

Sample Info: 220-8033-c-9

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



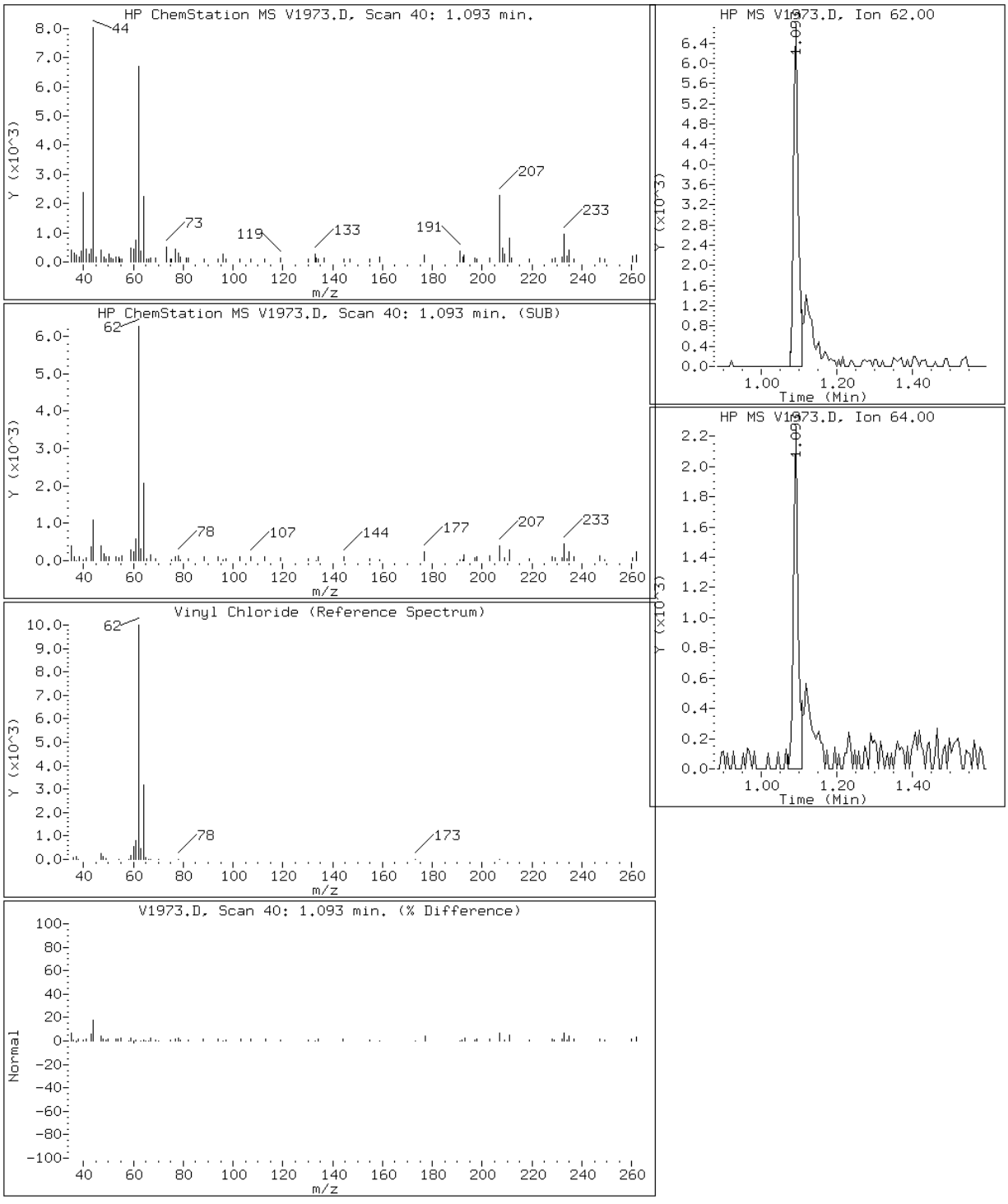
Data File: V1973.D

Date: 23-FEB-2009 21:38

Client ID: MW-34I Instrument: msv.i

Sample Info: 220-8033-c-9 Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



Data File: V1973.D

Date: 23-FEB-2009 21:38

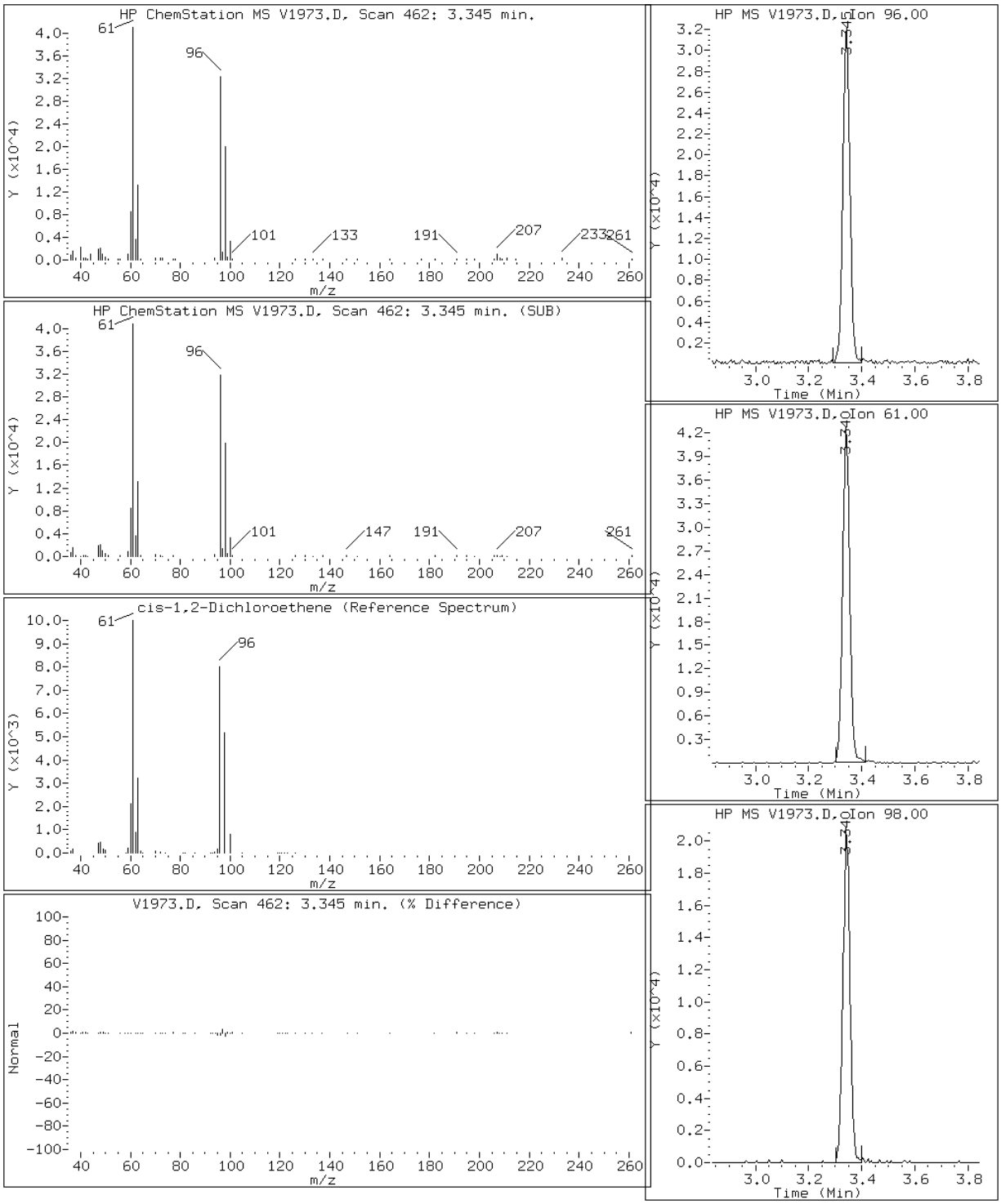
Client ID: MW-34I

Instrument: msv.i

Sample Info: 220-8033-c-9

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-34I Lab Sample ID: 220-8033-9

Matrix: Water Lab File ID: V2010.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/24/2009 19:31

Soil Aliquot Vol: Dilution Factor: 100

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24575 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	5700		500	62

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109	53-125	
460-00-4	4-Bromofluorobenzene	86	73-127	
1868-53-7	Dibromofluoromethane	100	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V2010.D
Lab Smp Id: 220-8033-D-9 Client Smp ID: MW-34I
Inj Date : 24-FEB-2009 19:31 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-d-9
Misc Info : : ;;; ; 8260 ; 100 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V8260LOW.m
Meth Date : 24-Feb-2009 09:32 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 24
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	100.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.716	4.716	(1.000)	914805	25.0000	
4	Vinyl Chloride	62	1.093	1.093	(0.232)	1957	0.30918	31(M)
14	1,1-Dichloroethene	96	1.738	1.738	(0.369)	3836	0.63134	63
20	Methylene Chloride	84	2.139	2.139	(0.454)	7102	0.90981	91
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	782	0.10283	10(M)
33	cis-1,2-Dichloroethene	96	3.345	3.339	(0.709)	16683	1.94573	190
38	Chloroform	83	3.649	3.644	(0.774)	1310	0.10293	10
$ 41	Dibromofluoromethane	111	3.836	3.836	(0.813)	185543	24.8776	25
$ 55	1,2-Dichloroethane-d4	65	4.391	4.391	(0.931)	215537	27.1713	27
60	Trichloroethene	130	4.908	4.909	(1.041)	486014	56.6163	5700
* 75	Chlorobenzene-d5	117	8.458	8.458	(1.000)	687796	25.0000	
$ 77	Toluene-d8	98	6.563	6.563	(0.776)	627824	22.7975	23
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	377303	25.0000	
$ 125	Bromofluorobenzene	95	9.930	9.931	(0.906)	206064	21.4968	21
M 126	1,2-Dichloroethene (total)	100				17465	2.04856	200

QC Flag Legend

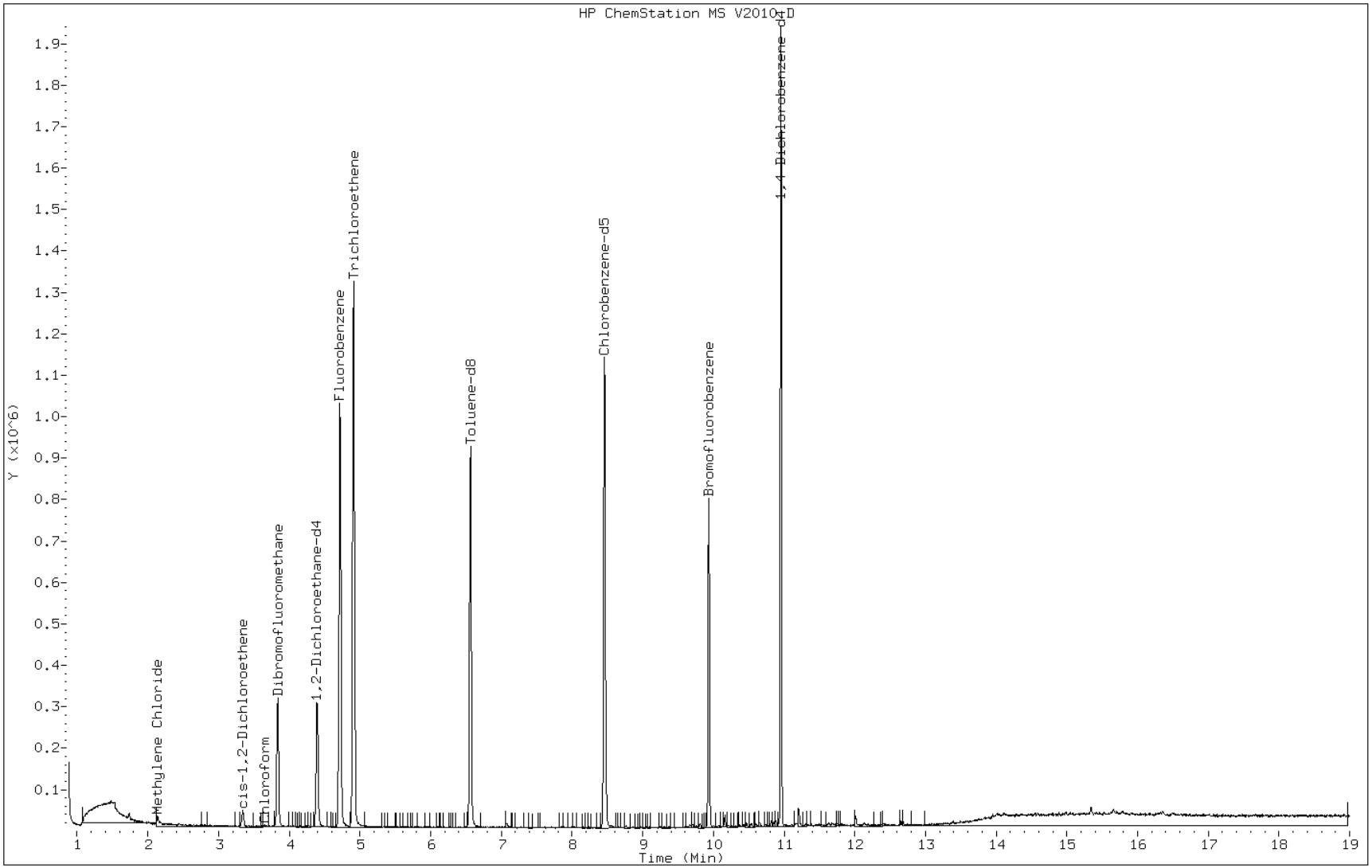
M - Compound response manually integrated.

Data File: V2010.D

Date: 24-FEB-2009 19:31

Client ID: MW-34I Instrument: msv.i

Sample Info: 220-8033-d-9 Operator: B.KOSTRZEWSKA



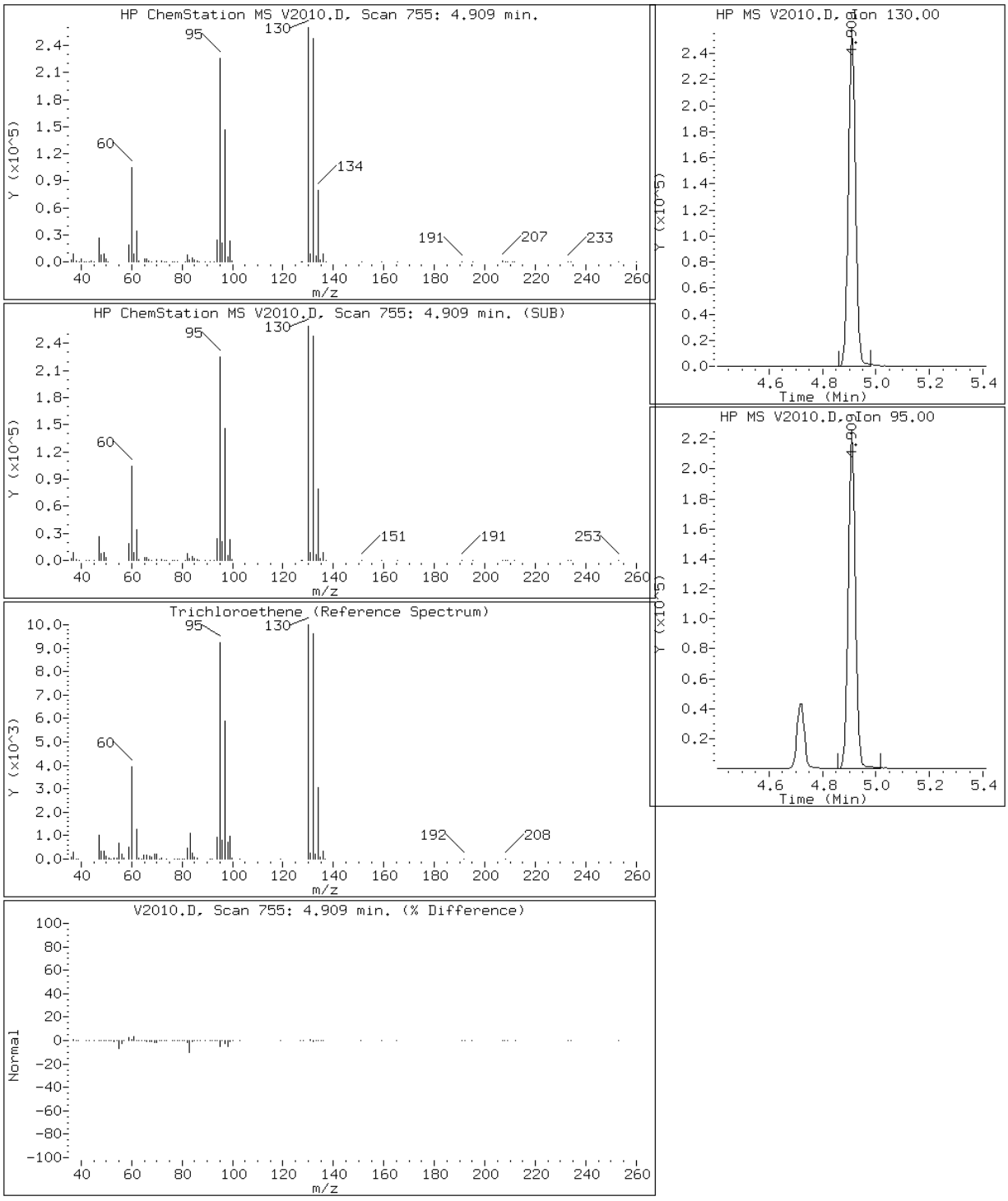
Data File: V2010.D

Date: 24-FEB-2009 19:31

Client ID: MW-34I Instrument: msv.i

Sample Info: 220-8033-d-9 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-35I Lab Sample ID: 220-8033-10

Matrix: Water Lab File ID: V1974.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 22:05

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	40	U	40	4.1
71-43-2	Benzene	20	U	20	3.0
75-27-4	Bromodichloromethane	20	U	20	1.9
75-25-2	Bromoform	20	U	20	1.8
74-83-9	Bromomethane	20	U	20	8.5
78-93-3	Methyl Ethyl Ketone	40	U	40	4.4
75-15-0	Carbon disulfide	20	U	20	3.6
56-23-5	Carbon tetrachloride	20	U	20	4.3
108-90-7	Chlorobenzene	20	U	20	2.9
75-00-3	Chloroethane	20	U	20	4.2
67-66-3	Chloroform	20	U	20	2.7
74-87-3	Chloromethane	20	U	20	4.4
124-48-1	Dibromochloromethane	20	U	20	2.2
75-34-3	1,1-Dichloroethane	20	U	20	4.1
107-06-2	1,2-Dichloroethane	20	U *	20	2.9
75-35-4	1,1-Dichloroethene	20	U	20	3.3
78-87-5	1,2-Dichloropropane	20	U	20	2.8
10061-01-5	cis-1,3-Dichloropropene	20	U	20	1.1
10061-02-6	trans-1,3-Dichloropropene	20	U	20	2.3
100-41-4	Ethylbenzene	20	U	20	3.5
591-78-6	2-Hexanone	40	U	40	4.4
75-09-2	Methylene Chloride	20	U	20	3.1
108-10-1	methyl isobutyl ketone	40	U	40	1.5
100-42-5	Styrene	20	U	20	2.6
79-34-5	1,1,2,2-Tetrachloroethane	20	U	20	3.2
127-18-4	Tetrachloroethene	20	U	20	3.2
108-88-3	Toluene	20	U	20	2.9
71-55-6	1,1,1-Trichloroethane	20	U	20	2.8
79-00-5	1,1,2-Trichloroethane	20	U	20	2.6
75-01-4	Vinyl chloride	20	U	20	4.0
1330-20-7	Xylenes, Total	20	U	20	9.1
156-59-2	cis-1,2-Dichloroethene	10	J	20	4.0
156-60-5	trans-1,2-Dichloroethene	20	U	20	3.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-35I Lab Sample ID: 220-8033-10

Matrix: Water Lab File ID: V1974.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 22:05

Soil Aliquot Vol: Dilution Factor: 4

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122	53-125	
460-00-4	4-Bromofluorobenzene	82	73-127	
1868-53-7	Dibromofluoromethane	103	54-137	
2037-26-5	Toluene-d8 (Surr)	88	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1974.D
Lab Smp Id: 220-8033-D-10 Client Smp ID: MW-35I
Inj Date : 23-FEB-2009 22:05 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-d-10
Misc Info : : ;;; ; 8260 ;4; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 25
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	4.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.717	4.717	(1.000)	754463	25.0000	
	14 1,1-Dichloroethene	96	1.739	1.739	(0.369)	3384	0.67531	3
	20 Methylene Chloride	84	2.144	2.139	(0.455)	3472	0.53931	2
	24 Methyl tert-Butyl Ether	73	2.363	2.358	(0.501)	11555	0.62645	2
	31 1,1-Dichloroethane	63	2.790	2.795	(0.592)	5001	0.47271	2(M)
	33 cis-1,2-Dichloroethene	96	3.345	3.340	(0.709)	17963	2.54026	10
	38 Chloroform	83	3.649	3.644	(0.774)	1733	0.16510	0.7
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	158522	25.7717	26
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	199082	30.4306	30
	60 Trichloroethene	130	4.914	4.909	(1.042)	4743650	670.033	2700(A)
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	575214	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	505966	21.9685	22
	80 Tetrachloroethene	164	7.075	7.075	(0.837)	2373	0.42012	2
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	316251	25.0000	
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	164706	20.4994	20
M	126 1,2-Dichloroethene (total)	100				17963	2.54026	10

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: V1974.D

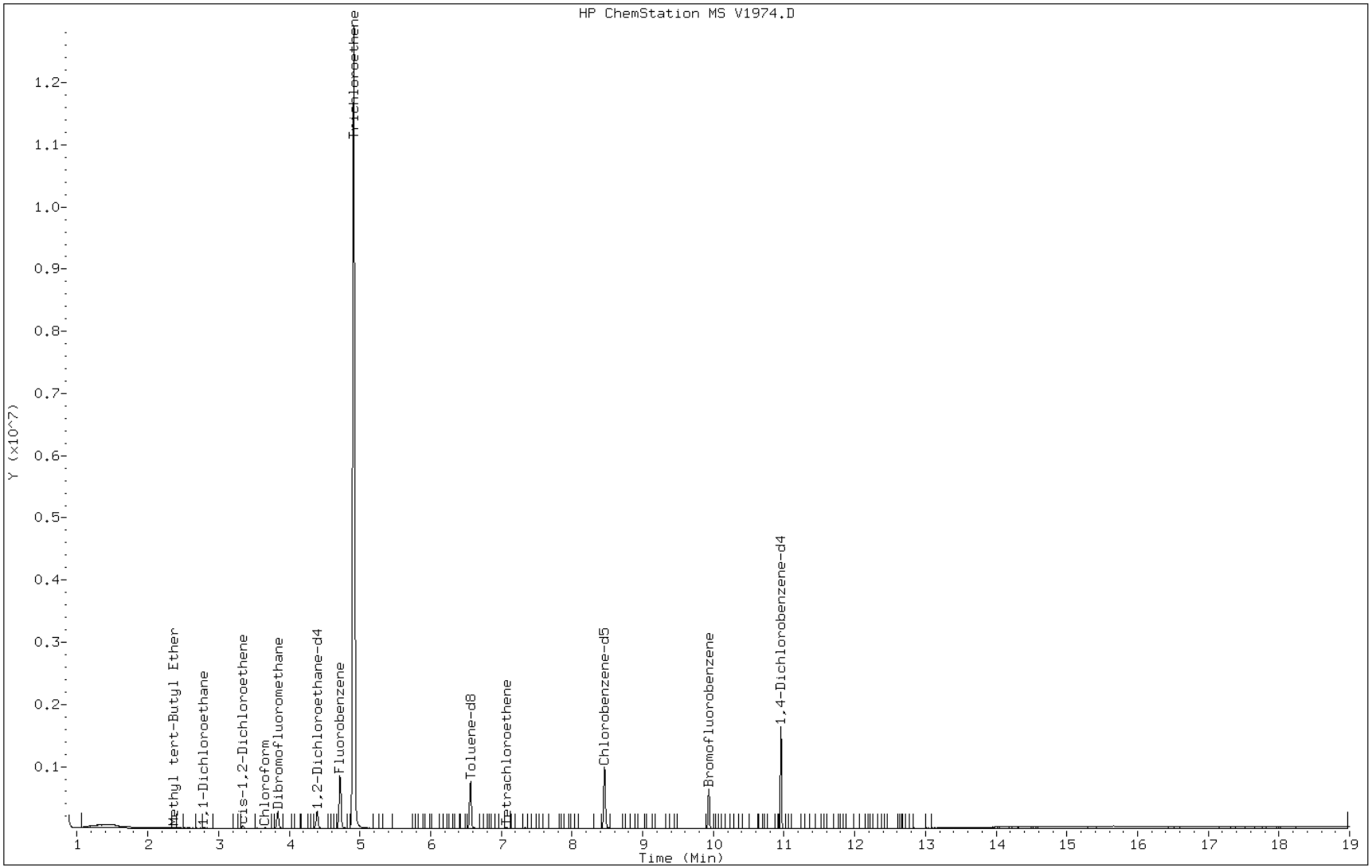
Date: 23-FEB-2009 22:05

Client ID: MW-35I

Instrument: msv.i

Sample Info: 220-8033-d-10

Operator: B.KOSTRZEWSKA



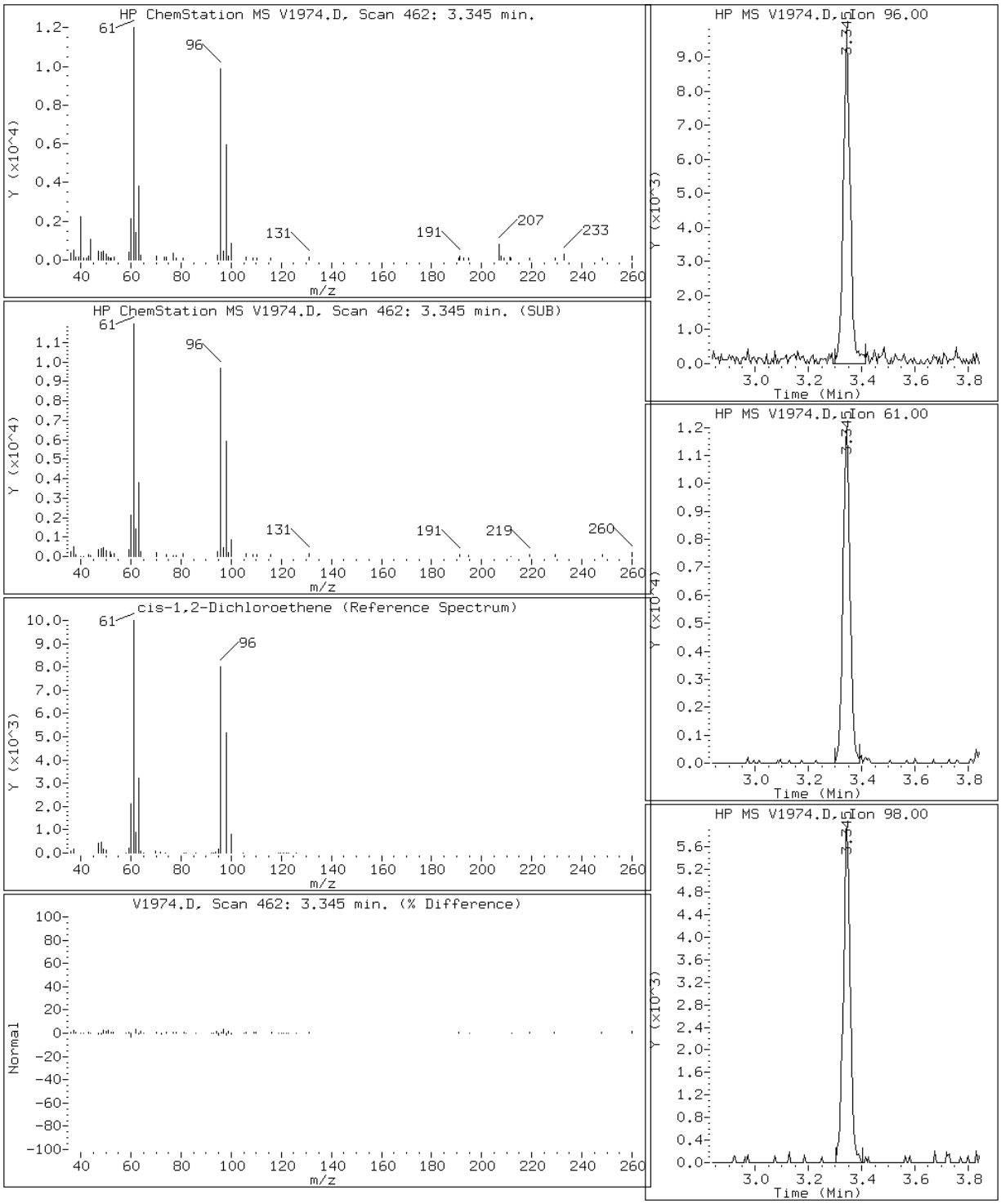
Data File: V1974.D

Date: 23-FEB-2009 22:05

Client ID: MW-35I Instrument: msv.i

Sample Info: 220-8033-d-10 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: MW-35I | Lab Sample ID: 220-8033-10

Matrix: Water | Lab File ID: V2011.D

Analysis Method: 8260B | Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) | Date Analyzed: 02/24/2009 19:57

Soil Aliquot Vol: | Dilution Factor: 40

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24575 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	2900		200	25

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111	53-125	
460-00-4	4-Bromofluorobenzene	85	73-127	
1868-53-7	Dibromofluoromethane	100	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V2011.D
Lab Smp Id: 220-8033-C-10 Client Smp ID: MW-35I
Inj Date : 24-FEB-2009 19:57 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-c-10
Misc Info : : ;;; ; 8260 ; 40 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V8260LOW.m
Meth Date : 24-Feb-2009 09:32 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 25
Dil Factor: 40.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	40.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

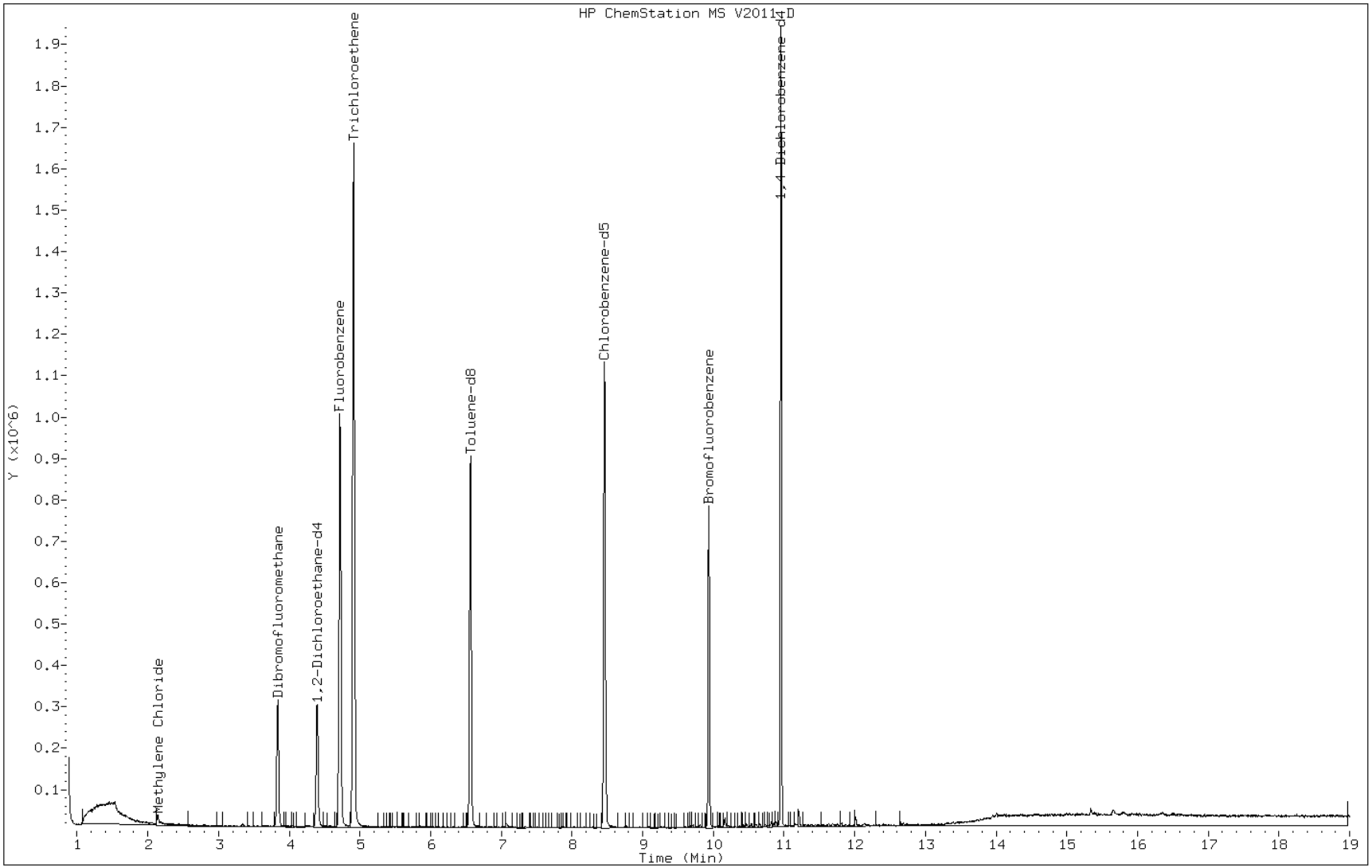
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.716	4.716	(1.000)	898751	25.0000	
	20 Methylene Chloride	84	2.144	2.139	(0.455)	9285	1.21072	48
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	183928	25.1016	25
$	55 1,2-Dichloroethane-d4	65	4.396	4.391	(0.932)	216344	27.7602	28
	60 Trichloroethene	130	4.909	4.909	(1.041)	610215	72.3544	2900
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	675578	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	612592	22.6467	23
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	373546	25.0000	
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	202756	21.3645	21

Data File: V2011.D

Date: 24-FEB-2009 19:57

Client ID: MW-35I Instrument: msv.i

Sample Info: 220-8033-c-10 Operator: B.KOSTRZEWSKA



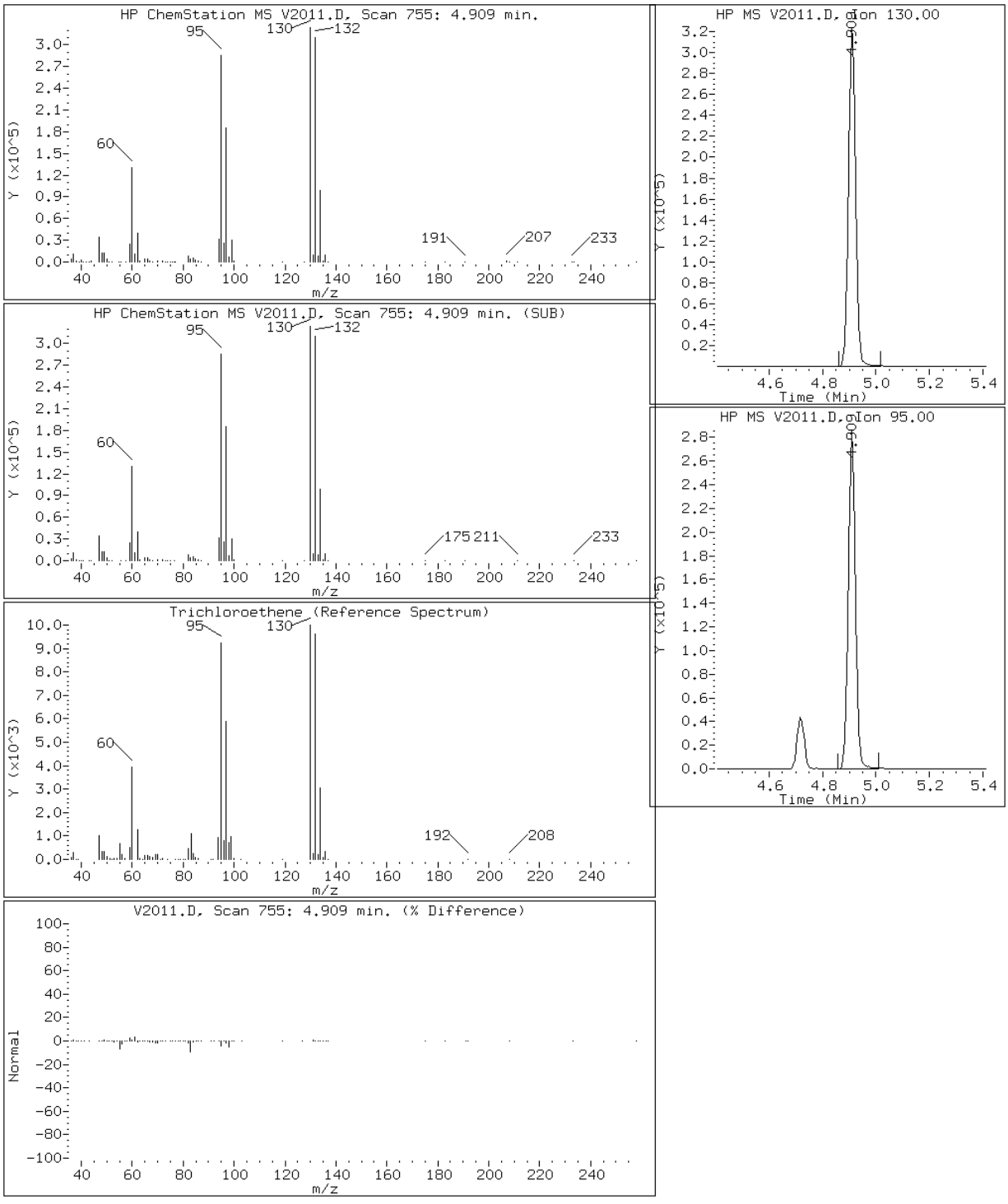
Data File: V2011.D

Date: 24-FEB-2009 19:57

Client ID: MW-35I Instrument: msv.i

Sample Info: 220-8033-c-10 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: DUP-021109 Lab Sample ID: 220-8033-11

Matrix: Water Lab File ID: V2008.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/24/2009 18:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24575 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	0.98	J	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	1.9	J	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	0.81	J	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	7.5		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: DUP-021109 Lab Sample ID: 220-8033-11

Matrix: Water Lab File ID: V2008.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/24/2009 18:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24575 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108	53-125	
460-00-4	4-Bromofluorobenzene	86	73-127	
1868-53-7	Dibromofluoromethane	97	54-137	
2037-26-5	Toluene-d8 (Surr)	90	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V2008.D
Lab Smp Id: 220-8033-D-11 Client Smp ID: DUP-021109
Inj Date : 24-FEB-2009 18:38 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-d-11
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V8260LOW.m
Meth Date : 24-Feb-2009 09:32 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

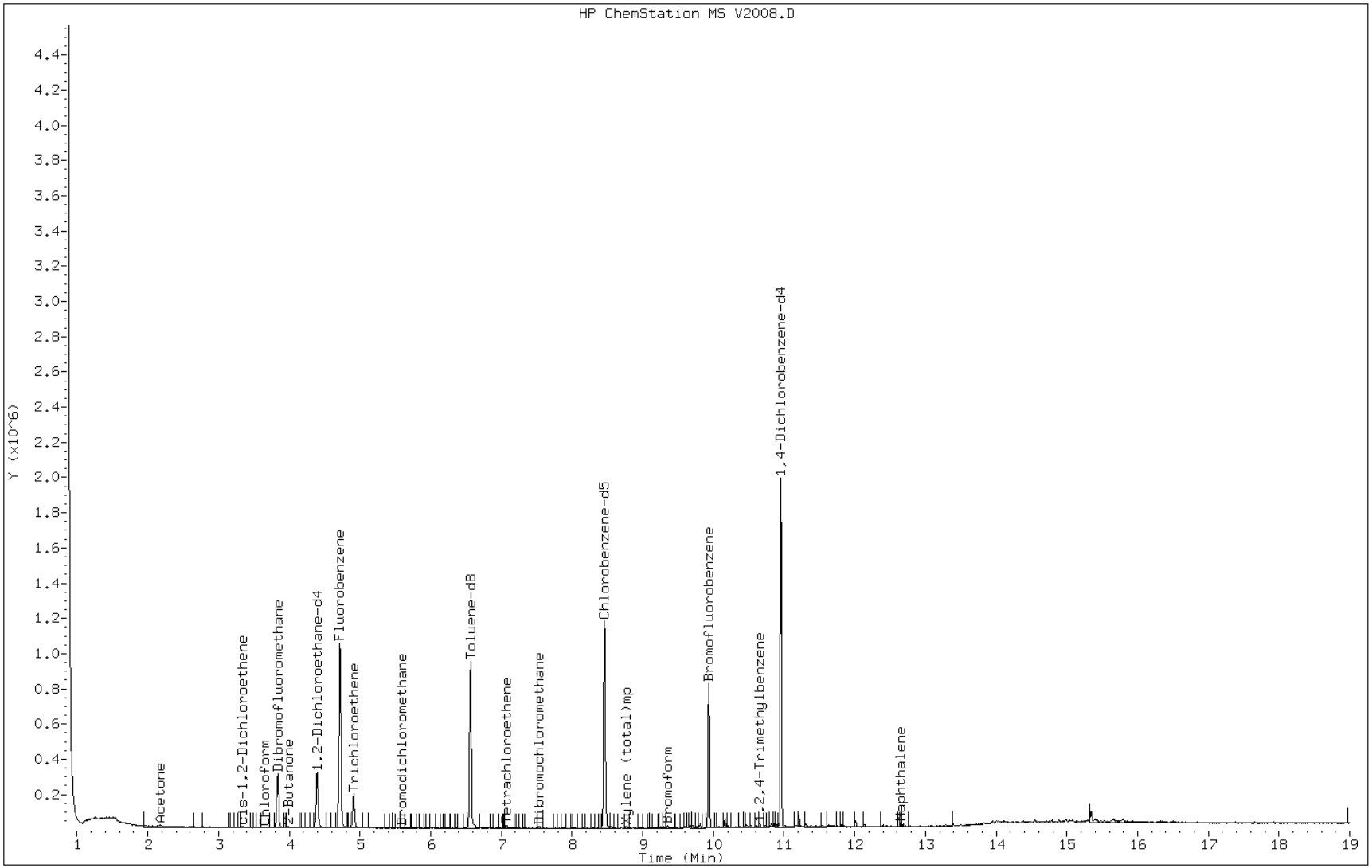
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1	Fluorobenzene	96	4.716	4.716	(1.000)	949278	25.0000	
	21	Acetone	43	2.176	2.176	(0.461)	10041	0.77393	0.8
	33	cis-1,2-Dichloroethene	96	3.345	3.339	(0.709)	2949	0.33145	0.3
	38	Chloroform	83	3.649	3.644	(0.774)	1437	0.10880	0.1
$	41	Dibromofluoromethane	111	3.836	3.836	(0.813)	187239	24.1933	24
	45	2-Butanone	43	3.980	3.980	(0.844)	6507	1.94311	2
$	55	1,2-Dichloroethane-d4	65	4.391	4.391	(0.931)	221414	26.8985	27
	60	Trichloroethene	130	4.909	4.909	(1.041)	67133	7.53640	8
	65	Bromodichloromethane	83	5.597	5.592	(1.187)	2833	0.28929	0.3
*	75	Chlorobenzene-d5	117	8.458	8.458	(1.000)	709979	25.0000	
	76	Toluene	91	6.627	6.622	(0.784)	10480	0.32324	0.3
$	77	Toluene-d8	98	6.563	6.563	(0.776)	637066	22.4103	22
	80	Tetrachloroethene	164	7.081	7.075	(0.837)	2589	0.37136	0.4
	82	Dibromochloromethane	129	7.529	7.534	(0.890)	6496	0.81125	0.8
	91	Xylene (total)mp	106	8.772	8.767	(1.037)	3134	0.23062	0.2
	94	Bromoform	173	9.349	9.343	(1.105)	5374	0.98117	1.0
*	95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	396692	25.0000	
	107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	5047	0.20529	0.2
	123	Naphthalene	128	12.652	12.652	(1.155)	9638	0.28148	0.3
$	125	Bromofluorobenzene	95	9.931	9.931	(0.906)	216873	21.5186	22
M	126	1,2-Dichloroethene (total)	100				2949	0.33145	0.3
M	127	Xylene (total)	100				3134	0.23062	0.2

Data File: V2008.D

Date: 24-FEB-2009 18:38

Client ID: DUP-021109 Instrument: msv.i

Sample Info: 220-8033-d-11 Operator: B.KOSTRZEWSKA



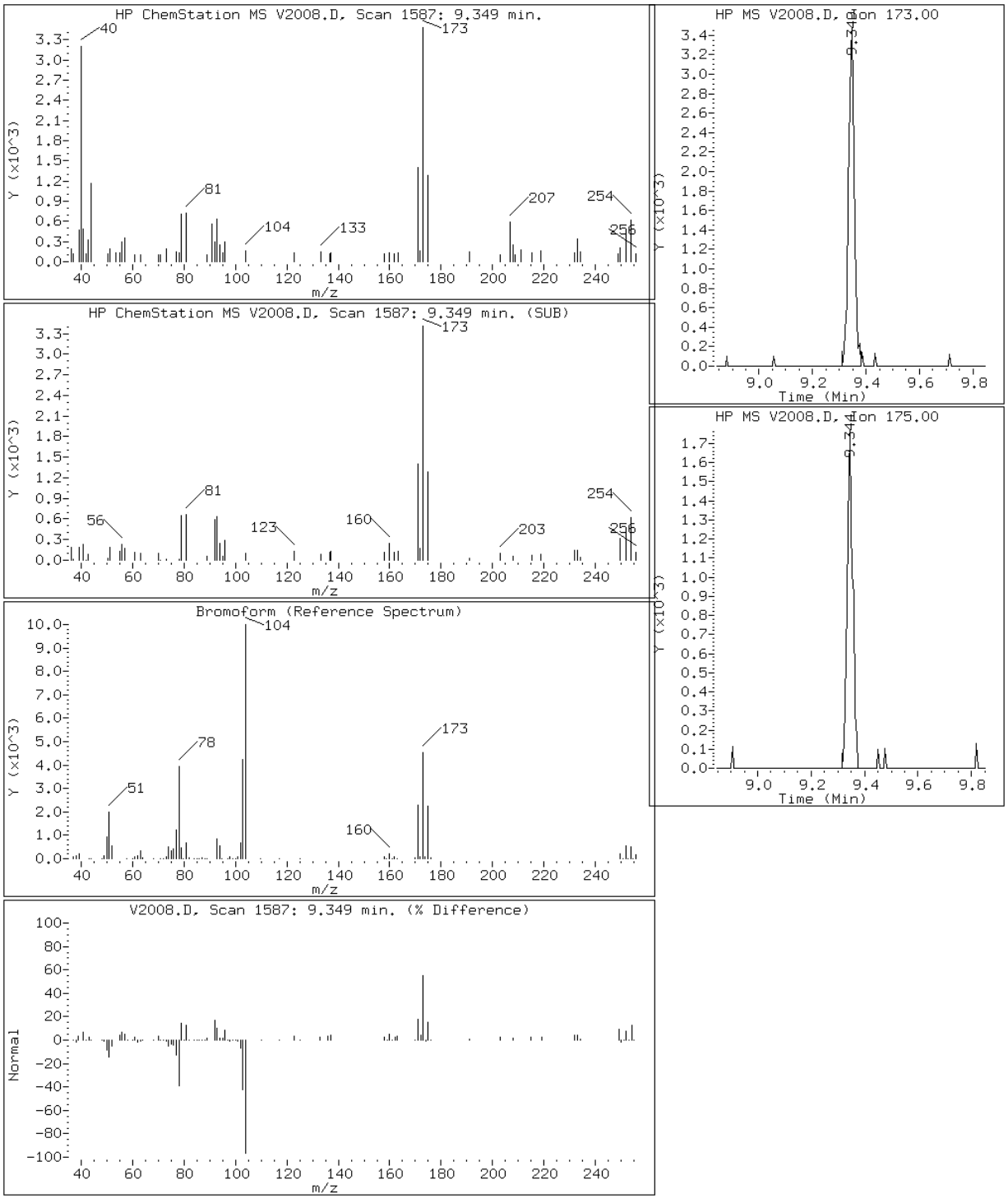
Data File: V2008.D

Date: 24-FEB-2009 18:38

Client ID: DUP-021109 Instrument: msv.i

Sample Info: 220-8033-d-11 Operator: B.KOSTRZEWSKA

94 Bromoform



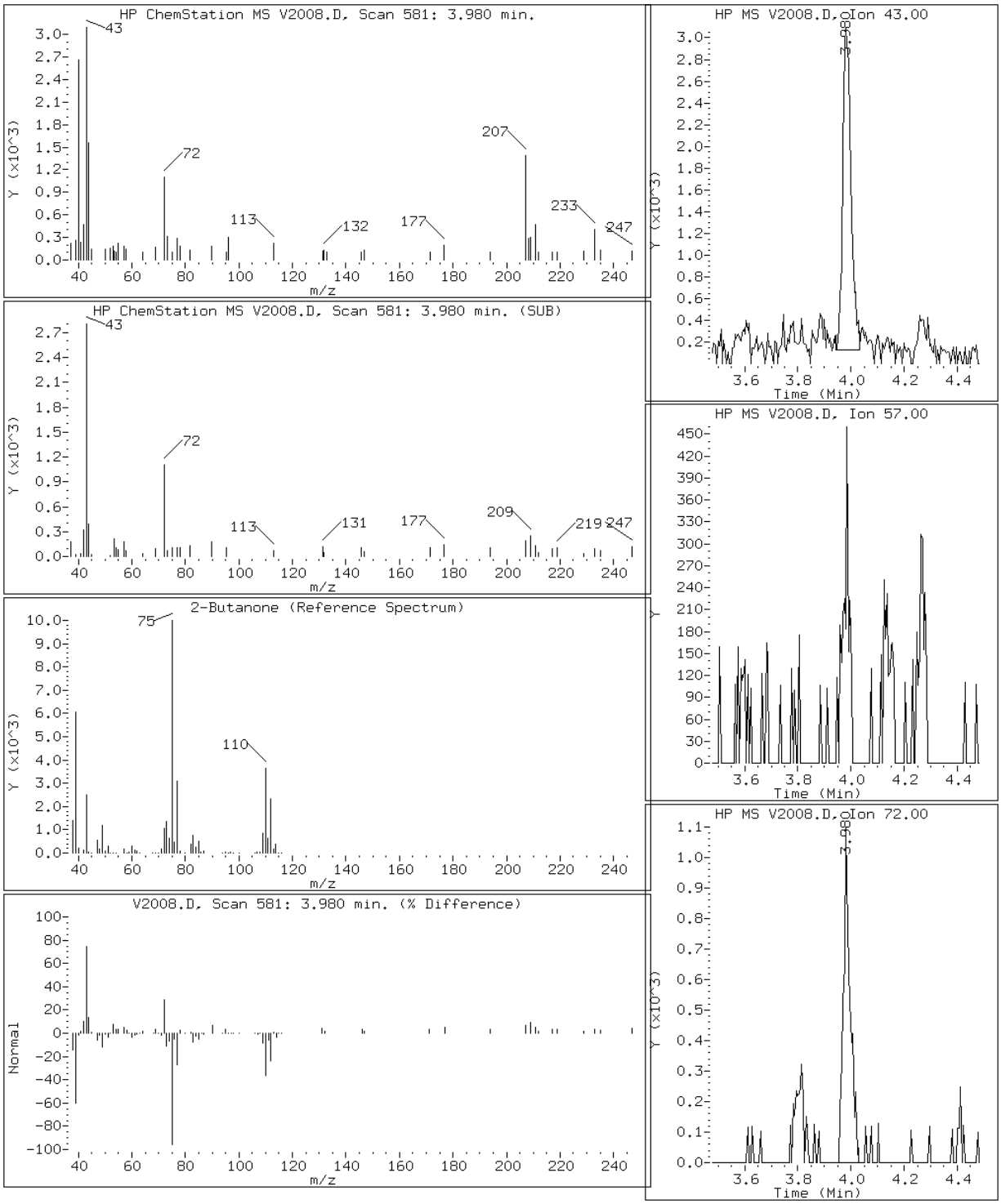
Data File: V2008.D

Date: 24-FEB-2009 18:38

Client ID: DUP-021109 Instrument: msv.i

Sample Info: 220-8033-d-11 Operator: B.KOSTRZEWSKA

45 2-Butanone



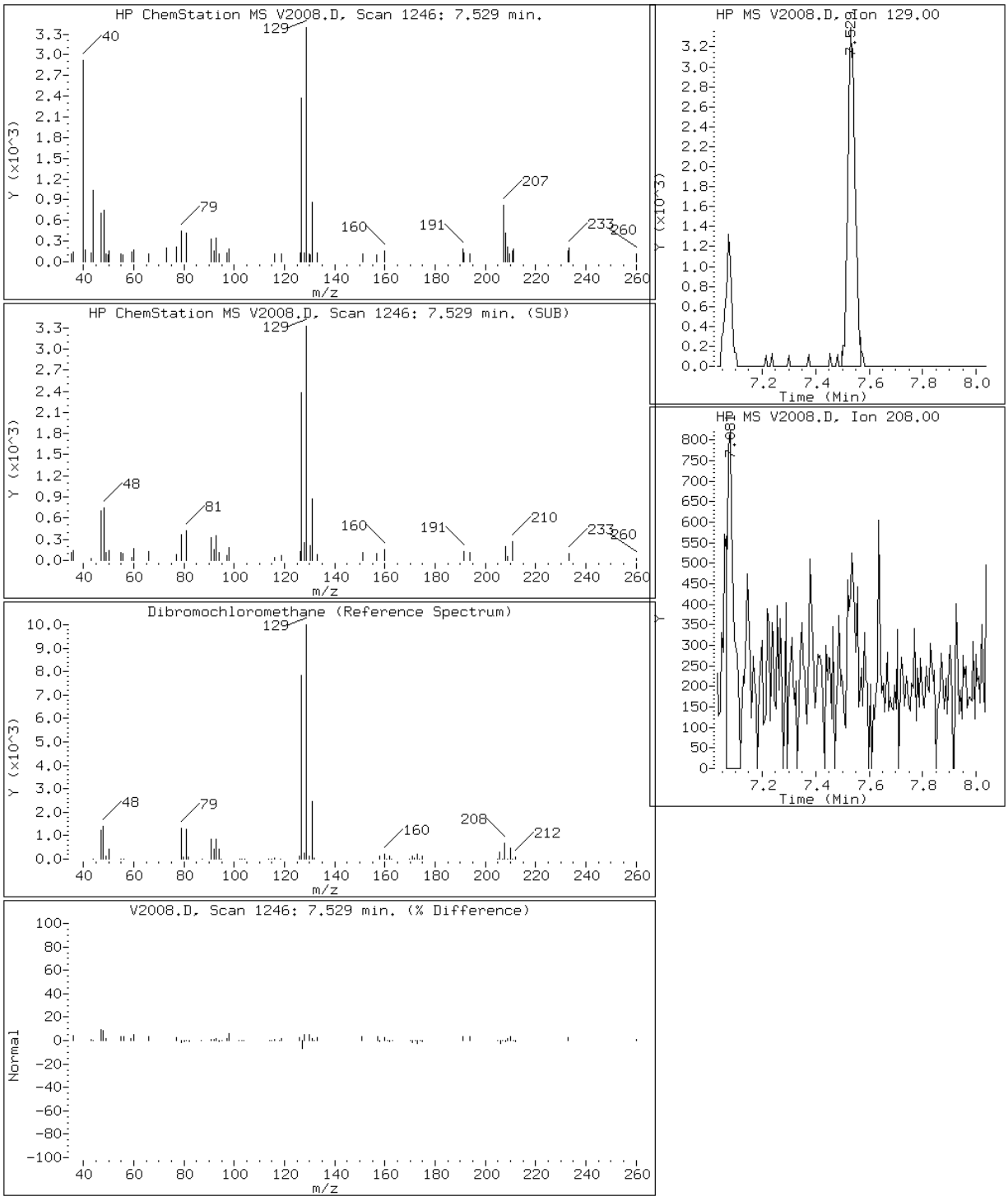
Data File: V2008.D

Date: 24-FEB-2009 18:38

Client ID: DUP-021109 Instrument: msv.i

Sample Info: 220-8033-d-11 Operator: B.KOSTRZEWSKA

82 Dibromochloromethane



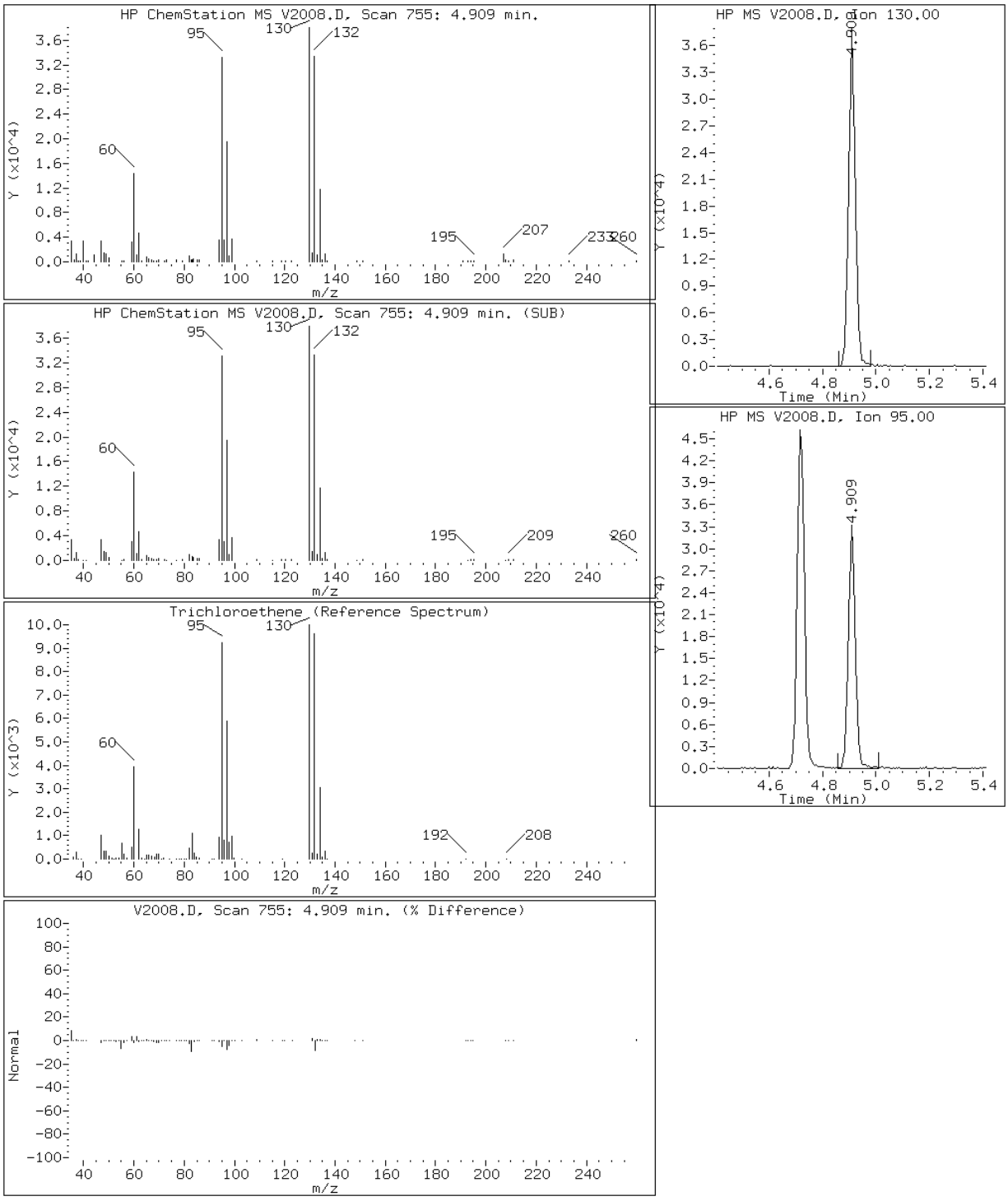
Data File: V2008.D

Date: 24-FEB-2009 18:38

Client ID: DUP-021109 Instrument: msv.i

Sample Info: 220-8033-d-11 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: FB-021109 Lab Sample ID: 220-8033-12

Matrix: Water Lab File ID: V2009.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/24/2009 19:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24575 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: FB-021109 Lab Sample ID: 220-8033-12

Matrix: Water Lab File ID: V2009.D

Analysis Method: 8260B Date Received: 02/12/2009 09:55

Sample wt/vol: 5(mL) Date Analyzed: 02/24/2009 19:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24575 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	100	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V2009.D
Lab Smp Id: 220-8033-C-12 Client Smp ID: FB-021109
Inj Date : 24-FEB-2009 19:04 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8033-c-12
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V8260LOW.m
Meth Date : 24-Feb-2009 09:32 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

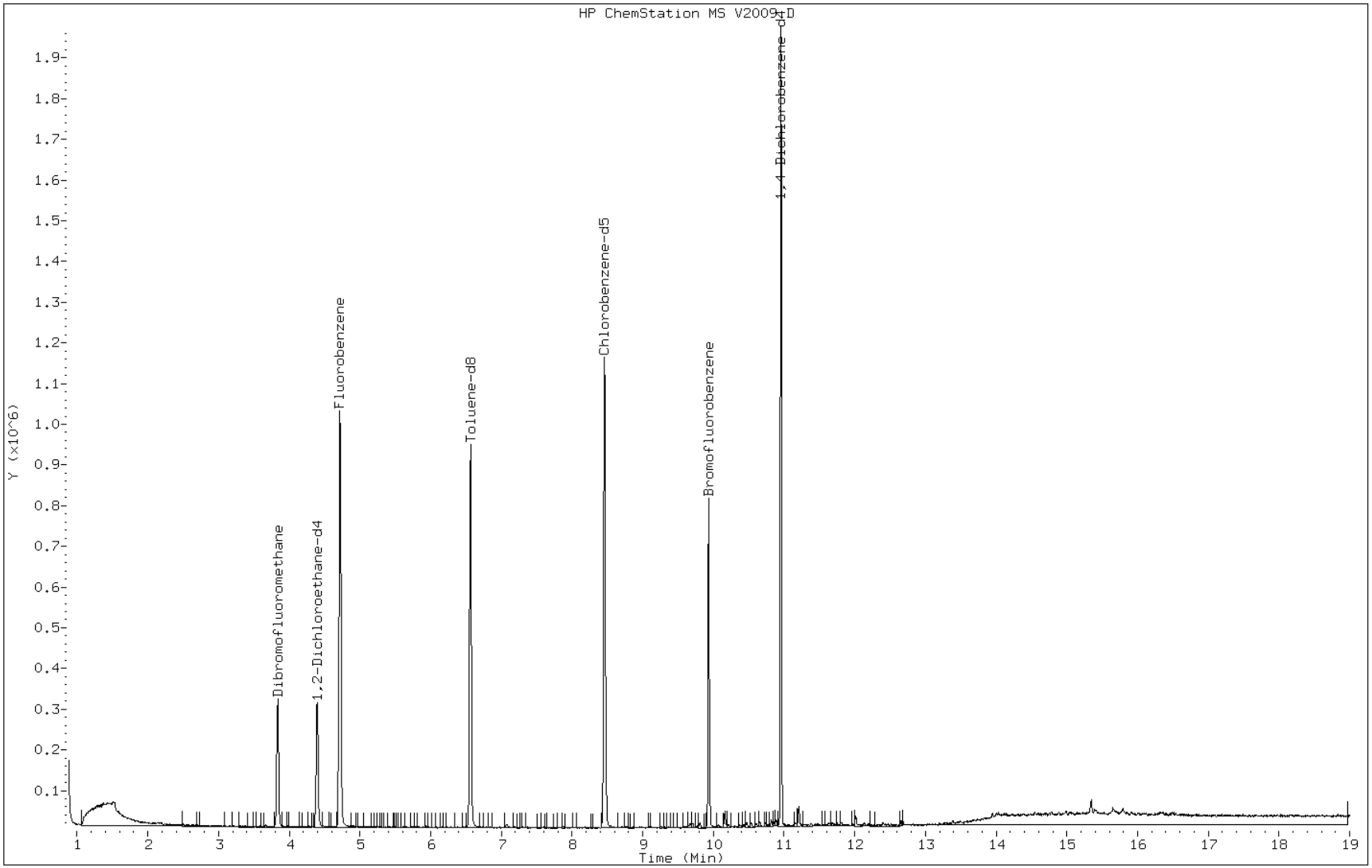
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.716	4.716	(1.000)	920517	25.0000	
	20 Methylene Chloride	84	2.144	2.139	(0.455)	1028	0.13088	0.1
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	186796	24.8902	25
$	55 1,2-Dichloroethane-d4	65	4.396	4.391	(0.932)	217827	27.2895	27
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	700667	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	635174	22.6407	23
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	385806	25.0000	
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	213556	21.7874	22

Data File: V2009.D

Date: 24-FEB-2009 19:04

Client ID: FB-021109 Instrument: msv.i

Sample Info: 220-8033-c-12 Operator: B.KOSTRZEWSKA



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-24442/1	V1794.D
Level 2	IC 220-24442/2	V1795.D
Level 3	IC 220-24442/3	V1796.D
Level 4	ICIS 220-24442/4	V1797.D
Level 5	IC 220-24442/5	V1798.D
Level 6	IC 220-24442/6	V1799.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachloroethane	0 0	0	0	0	0	Ave								15.0			
Pentachloroethane	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.1132 0.0836	0.0805	0.0863	0.0866	0.0857	Ave		0.0893				13.3		15.0			
Chloromethane	0.2555 0.1630	0.1651	0.1502	0.1507	0.1544	Lin	0.0233	0.1623							0.9992		
Vinyl chloride	0.1901 0.1683	0.1755	0.1680	0.1684	0.1677	Ave		0.1730				5.1		30.0			
Bromomethane	0.0666 0.0575	0.0511	0.0641	0.0626	0.0587	Ave		0.0601				9.2		15.0			
Chloroethane	0.1043 0.0541	0.1035	0.0971	0.0898	0.0689	Qua	0.0169	7.3613	51.013						0.9999		
Trichlorofluoromethane	0.2555 0.1597	0.2501	0.2347	0.2269	0.2047	Qua	0.0372	2.8303	5.2213						0.9989		
Dichlorofluoromethane	0.3114 0.2429	0.3251	0.2998	0.2881	0.2724	Ave		0.2900				10.1		15.0			
Ethyl ether	0.1603 0.1077	0.1327	0.1297	0.1209	0.1177	Ave		0.1282				14.1		15.0			
1,1-Dichloro-1-fluoroethane	0.3045 0.2233	0.2814	0.2726	0.2765	0.2643	Ave		0.2704				9.9		15.0			
Ethanol	0.0084 0.0045	0.0067	0.0067	0.0068	0.0061	Qua	0.6400	67.727	821.71						0.9967		
1,1-Dichloroethene	0.1925 0.1549	0.1671	0.1591	0.1642	0.1585	Ave		0.1660				8.2		30.0			
Carbon disulfide	0.6561 0.4915	0.5358	0.5228	0.5177	0.4997	Ave		0.5373				11.2		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2010 0.1673	0.1825	0.1683	0.1728	0.1680	Ave		0.1767				7.5		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.0532 0.0372	0.0448	0.0394	0.0388	0.0381	Ave		0.0419				14.7		15.0			
Iodomethane	0.1330 0.1604	0.1046	0.1219	0.1486	0.1583	Lin	0.0352	0.1615							0.9998		
Acrolein	0.0268 0.0302	0.0349	0.0330	0.0337	0.0327	Ave		0.0319				9.2		15.0			
3-Chloro-1-propene	0.3387 0.2827	0.2885	0.2684	0.2797	0.2869	Ave		0.2908				8.4		15.0			
Isopropyl alcohol	0.0324 0.0265	0.0293	0.0207	0.0224	0.0253	Lin	0.0430	0.0266							0.9987		
Methylene Chloride	+++++ 0.1946	0.2645	0.2164	0.1967	0.1944	Ave		0.2133				14.1		15.0			
Acetone	+++++ 0.0633	0.1193	0.1193	0.0730	0.0665	Lin	-0.141	0.0614							0.9993		
trans-1,2-Dichloroethene	0.2532 0.1931	0.2091	0.1992	0.1971	0.1952	Ave		0.2078				11.0		15.0			
Methyl acetate	0.9201 0.8198	0.8701	0.8436	0.8210	0.8235	Ave		0.8497				4.7		15.0			
Methyl tert-butyl ether	0.5885 0.6206	0.6082	0.6106	0.6190	0.6204	Ave		0.6112				2.0		15.0			
2-Methyl-2-propanol	0.0363 0.0249	0.0252	0.0210	0.0214	0.0237	Lin	0.1858	0.0249							0.9989		
Acetonitrile	0.0287 0.0297	0.0269	0.0295	0.0275	0.0284	Ave		0.0284				3.8		15.0			
Isopropyl ether	0.6911 0.6599	0.6506	0.6318	0.6556	0.6675	Ave		0.6594				3.0		15.0			
2-Chloro-1,3-butadiene	0.1707 0.1595	0.1598	0.1520	0.1571	0.1597	Ave		0.1598				3.8		15.0			
1,1-Dichloroethane	0.4085 0.3278	0.3552	0.3392	0.3388	0.3339	Ave		0.3506				8.5		15.0			
Acrylonitrile	0.0706 0.0817	0.0733	0.0754	0.0808	0.0814	Ave		0.0772				6.1		15.0			
Tert-butyl ethyl ether	0.6004 0.6316	0.5997	0.5937	0.6196	0.6326	Ave		0.6129				2.8		15.0			
Vinyl acetate	0.3574 0.4637	0.4082	0.3829	0.4261	0.4519	Ave		0.4150				9.8		15.0			
cis-1,2-Dichloroethene	0.2775 0.2217	0.2364	0.2235	0.2239	0.2229	Ave		0.2343				9.3		15.0			
2,2-Dichloropropane	0.1780 0.2425	0.1718	0.1668	0.2039	0.2306	Lin	0.0596	0.2440							0.9989		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Bromopropane	0.3436 0.2905	0.3151	0.3007	0.2990	0.2914	Ave		0.3067				6.6		15.0			
Cyclohexane	0.3021 0.2700	0.2836	0.2693	0.2775	0.2704	Ave		0.2788				4.5		15.0			
Chlorobromomethane	0.1295 0.1086	0.1182	0.1166	0.1164	0.1135	Ave		0.1171				5.9		15.0			
Chloroform	0.3937 0.3265	0.3580	0.3429	0.3333	0.3327	Ave		0.3478				7.2		30.0			
Carbon tetrachloride	0.2327 0.2305	0.2246	0.2147	0.2315	0.2309	Ave		0.2275				3.0		15.0			
Tetrahydrofuran	0.0821 0.0760	0.0764	0.0726	0.0729	0.0750	Ave		0.0758				4.6		15.0			
Ethyl acetate	0.0289 0.0258	0.0221	0.0231	0.0248	0.0253	Ave		0.0250				9.5		15.0			
Methyl acrylate	0.1838 0.1931	0.1722	0.1735	0.1840	0.1890	Ave		0.1826				4.5		15.0			
1,1,1-Trichloroethane	0.3121 0.2745	0.2852	0.2708	0.2823	0.2803	Ave		0.2842				5.2		15.0			
1,1-Dichloropropene	0.3055 0.2610	0.2622	0.2553	0.2558	0.2605	Ave		0.2667				7.2		15.0			
2-Butanone (MEK)	+++++ 0.0904	0.0942	0.0826	0.0856	0.0882	Ave		0.0882				5.0		15.0			
1-Chlorobutane	0.4753 0.3908	0.4025	0.3873	0.3976	0.3938	Ave		0.4079				8.2		15.0			
Benzene	0.9658 0.7867	0.8240	0.8040	0.8060	0.7949	Ave		0.8302				8.1		15.0			
n-Heptane	0.2179 0.1791	0.1880	0.1677	0.1809	0.1797	Ave		0.1855				9.2		15.0			
Propionitrile	0.0327 0.0330	0.0317	0.0326	0.0319	0.0327	Ave		0.0324				1.6		15.0			
Methacrylonitrile	0.1407 0.1433	0.1496	0.1480	0.1366	0.1407	Ave		0.1431				3.4		15.0			
Isobutyl alcohol	0.0035 0.0024	0.0033	0.0028	0.0027	0.0025	Lin	-0.396	0.0024							0.9996		
Tert-amyl methyl ether	0.5437 0.6032	0.5481	0.5523	0.5798	0.6000	Ave		0.5712				4.7		15.0			
1,2-Dichloroethane	0.2697 0.2415	0.2582	0.2592	0.2515	0.2460	Ave		0.2543				4.0		15.0			
tert-Butyl Formate	0.0295 0.0311	0.0184	0.0177	0.0190	0.0243	Qua	0.0286	47.390	-124.6						0.9992		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylcyclohexane	0.2877 0.2802	0.2737	0.2526	0.2701	0.2777	Ave		0.2737				4.4		15.0			
Isopropyl acetate	0.0071 0.0078	0.0106	0.0073	0.0073	0.0077	Lin	0.0141	0.0078							0.9997		
Trichloroethene	0.2686 0.2240	0.2332	0.2253	0.2297	0.2268	Ave		0.2346				7.2		15.0			
Dibromomethane	0.1378 0.1232	0.1213	0.1263	0.1212	0.1230	Ave		0.1255				5.0		15.0			
n-Butanol	0.0056 0.0060	0.0044	0.0046	0.0048	0.0054	Ave		0.0051				12.5		15.0			
1,2-Dichloropropane	0.2243 0.1994	0.2151	0.2006	0.2004	0.1996	Ave		0.2066				5.1		30.0			
Dichlorobromomethane	0.2752 0.2557	0.2585	0.2520	0.2501	0.2560	Ave		0.2579				3.5		15.0			
1,4-Dioxane	0.0017 0.0017	0.0014	0.0012	0.0016	0.0015	Ave		0.0015				12.0		15.0			
Methyl methacrylate	0.1713 0.1773	0.1561	0.1499	0.1640	0.1723	Ave		0.1651				6.4		15.0			
2-Chloroethyl vinyl ether	0.0661 0.0781	0.0684	0.0614	0.0674	0.0744	Ave		0.0693				8.7		15.0			
n-Propyl acetate	0.0241 0.0258	0.0231	0.0212	0.0227	0.0247	Ave		0.0236				6.9		15.0			
cis-1,3-Dichloropropene	0.3225 0.3262	0.2967	0.3029	0.3176	0.3298	Ave		0.3160				4.2		15.0			
Toluene	1.2998 1.0816	1.1398	1.1006	1.1153	1.1127	Ave		1.1416				7.0		30.0			
Chloroacetonitrile	0.0054 0.0078	0.0060	0.0066	0.0069	0.0074	Ave		0.0067				13.2		15.0			
2-Nitropropane	0.0526 0.0577	0.0537	0.0496	0.0533	0.0564	Ave		0.0539				5.3		15.0			
1,1-Dichloroacetone	0.1171 0.1434	0.1224	0.1228	0.1295	0.1398	Ave		0.1292				8.1		15.0			
Tetrachloroethene	0.2782 0.2397	0.2409	0.2308	0.2412	0.2422	Ave		0.2455				6.7		15.0			
4-Methyl-2-pentanone (MIBK)	0.2600 0.2466	0.2197	0.2096	0.2300	0.2447	Ave		0.2351				8.0		15.0			
trans-1,3-Dichloropropene	0.2637 0.3029	0.2680	0.2683	0.2883	0.3009	Ave		0.2820				6.2		15.0			
1,1,2-Trichloroethane	0.1894 0.1856	0.1840	0.1834	0.1858	0.1859	Ave		0.1857				1.1		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.2359 0.3046	0.2580	0.2579	0.2847	0.3029	Ave		0.2740				10.1		15.0			
Chlorodibromomethane	0.2806 0.2936	0.2720	0.2680	0.2840	0.2937	Ave		0.2820				3.8		15.0			
1,3-Dichloropropane	0.4478 0.4270	0.4361	0.4205	0.4298	0.4360	Ave		0.4329				2.2		15.0			
Ethylene Dibromide	0.2435 0.2599	0.2463	0.2436	0.2560	0.2621	Ave		0.2519				3.3		15.0			
2-Hexanone	0.1266 0.1825	0.1658	0.1549	0.1710	0.1818	Ave		0.1638				12.8		15.0			
Chlorobenzene	0.8501 0.7403	0.7737	0.7460	0.7516	0.7550	Ave		0.7695				5.3		15.0			
n-Butyl acetate	0.1536 0.1250	0.1270	0.1205	0.1225	0.1281	Ave		0.1294				9.4		15.0			
1-Chlorohexane	0.2933 0.3635	0.2949	0.2780	0.2986	0.3803	Ave		0.3181				13.4		15.0			
Ethylbenzene	0.4255 0.3877	0.3921	0.3812	0.3909	0.3902	Ave		0.3946				4.0		30.0			
1,1,1,2-Tetrachloroethane	0.2767 0.2663	0.2548	0.2552	0.2649	0.2693	Ave		0.2645				3.2		15.0			
m-Xylene & p-Xylene	0.5081 0.4717	0.4619	0.4651	0.4834	0.4811	Ave		0.4785				3.5		15.0			
o-Xylene	0.4705 0.4638	0.4592	0.4480	0.4646	0.4694	Ave		0.4626				1.8		15.0			
Bromoform	0.1853 0.2061	0.1839	0.1829	0.1940	0.2051	Ave		0.1929				5.5		15.0			
Styrene	0.6723 0.7849	0.6850	0.7076	0.7717	0.7921	Ave		0.7356				7.3		15.0			
Isopropylbenzene	2.0149 1.9055	1.8042	1.8097	1.9237	1.9382	Ave		1.8994				4.2		15.0			
Bromobenzene	0.6899 0.6127	0.6234	0.6090	0.6205	0.6219	Ave		0.6296				4.8		15.0			
N-Propylbenzene	2.2425 2.0922	2.0488	2.0146	2.1485	2.1386	Ave		2.1142				3.8		15.0			
1,1,2,2-Tetrachloroethane	0.5384 0.5217	0.5563	0.5305	0.5187	0.5279	Ave		0.5322				2.6		15.0			
2-Chlorotoluene	1.6725 1.5071	1.5350	1.5381	1.5598	1.5435	Ave		1.5593				3.7		15.0			
4-Ethyltoluene	1.9932 1.9069	1.8369	1.8606	1.9530	1.9515	Ave		1.9170				3.1		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.1960 0.1774	0.1807	0.1865	0.1828	0.1806	Ave		0.1840				3.6		15.0			
1,3,5-Trimethylbenzene	1.5800 1.5289	1.4750	1.4906	1.5679	1.5502	Ave		1.5321				2.8		15.0			
trans-1,4-Dichloro-2-butene	0.1393 0.1453	0.1307	0.1289	0.1398	0.1444	Ave		0.1381				5.0		15.0			
4-Chlorotoluene	1.6008 1.4124	1.4453	1.4285	1.4614	1.4386	Ave		1.4645				4.7		15.0			
tert-Butylbenzene	1.3693 1.3291	1.2412	1.2696	1.3416	1.3590	Ave		1.3183				3.9		15.0			
1,2,4-Trimethylbenzene	1.5910 1.5480	1.4855	1.5047	1.5824	1.5845	Ave		1.5493				2.9		15.0			
sec-Butylbenzene	1.8401 1.7773	1.6969	1.7024	1.7893	1.8019	Ave		1.7680				3.2		15.0			
4-Isopropyltoluene	1.5946 1.6166	1.4671	1.4745	1.6114	1.6388	Ave		1.5672				4.9		15.0			
1,3-Dichlorobenzene	1.1439 1.0280	1.0457	1.0666	1.0484	1.0531	Ave		1.0643				3.8		15.0			
1,4-Dichlorobenzene	1.2210 1.0721	1.1121	1.1150	1.0876	1.0910	Ave		1.1165				4.8		15.0			
p-Diethylbenzene	0.9055 0.9059	0.7643	0.8081	0.8878	0.9084	Ave		0.8633				7.2		15.0			
Benzyl chloride	0.2648 0.2587	0.2488	0.2383	0.2470	0.2559	Ave		0.2523				3.7		15.0			
n-Butylbenzene	1.3700 1.3189	1.2758	1.2705	1.3411	1.3358	Ave		1.3187				3.0		15.0			
1,2-Dichlorobenzene	1.1400 1.0346	1.0909	1.0566	1.0382	1.0443	Ave		1.0674				3.8		15.0			
1,2,4,5-Tetramethylbenzene	1.4834 1.6673	1.4131	1.4229	1.5866	1.6701	Ave		1.5406				7.6		15.0			
1,2-Dibromo-3-Chloropropane	0.1356 0.1071	0.1075	0.1075	0.1027	0.1068	Ave		0.1112				10.9		15.0			
Nitrobenzene	0.0480 0.0605	0.0408	0.0399	0.0448	0.0544	Lin	0.9040	0.0608							0.9962		
Hexachlorobutadiene	0.6303 0.3552	0.3482	0.3308	0.3402	0.3508	Ave		0.3926				29.8	*	15.0			
1,2,4-Trichlorobenzene	0.8676 0.8176	0.7775	0.7849	0.7929	0.8055	Ave		0.8077				4.0		15.0			
Naphthalene	2.2909 2.1749	2.0969	2.0627	2.1384	2.1835	Ave		2.1579				3.7		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.8850 0.7974	0.7914	0.7574	0.7783	0.7927	Ave		0.8004				5.5		15.0			
Dibromofluoromethane	0.2127 0.1976	0.2120	0.2004	0.2000	0.2002	Ave		0.2038				3.3		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2306 0.2024	0.2300	0.2152	0.2144	0.2080	Ave		0.2168				5.3		15.0			
Toluene-d8 (Surr)	1.0312 0.9851	0.9923	0.9773	1.0158	1.0043	Ave		1.0010				2.0		15.0			
4-Bromofluorobenzene	0.7287 0.6068	0.6419	0.6068	0.6062	0.6206	Ave		0.6352				7.5		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-24442/1	V1794.D
Level 2	IC 220-24442/2	V1795.D
Level 3	IC 220-24442/3	V1796.D
Level 4	ICIS 220-24442/4	V1797.D
Level 5	IC 220-24442/5	V1798.D
Level 6	IC 220-24442/6	V1799.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Pentachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	3586 495544	10274	26407	104645	256572	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Lin	8095 965725	21065	45939	182059	462031	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Ave	6022 997152	22398	51362	203381	501735	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Ave	2109 340895	6527	19590	75655	175563	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Qua	3306 320589	13215	29699	108473	206021	0.500 100	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Qua	8096 946421	31916	71763	273993	612373	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	9867 1439110	41491	91676	347989	815121	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Ave	5080 638303	16931	39653	146030	352125	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloro-1-fluoroethane	FB	Ave	9647 1323010	35907	83377	333968	790987	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Qua	2672 266881	8585	20516	81660	183406	5.00 1000	20.0	50.0	200	500
1,1-Dichloroethene	FB	Ave	6101 917754	21321	48651	198282	474287	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Ave	20790 2912100	68384	159880	625259	1495220	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	6369 991136	23294	51455	208697	502823	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	1686 220398	5715	12044	46820	113960	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Iodomethane	FB	Lin	4215 950023	13355	37290	179503	473661	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Ave	4246 893823	22257	50457	203754	489021	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Ave	10731 1674640	36825	82074	337800	858427	0.500 100	2.00	5.00	20.0	50.0
Isopropyl alcohol	FB	Lin	1027 157242	3736	6340	27102	75612	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Ave	+++++ 1153160	33759	66166	237544	581763	+++++ 100	2.00	5.00	20.0	50.0
Acetone	FB	Lin	+++++ 374791	15227	36495	88138	199101	+++++ 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	8024 1144280	26687	60907	238107	584004	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	29156 4857060	111043	257975	991578	2464110	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	18646 3676840	77623	186724	747595	1856310	0.500 100	2.00	5.00	20.0	50.0
2-Methyl-2-propanol	FB	Lin	5750 736679	16070	32163	129495	354711	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Ave	9106 1758780	34306	90113	332348	848826	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Ave	21898 3909660	83032	193204	791772	1997330	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	5408 944811	20389	46491	189689	477955	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	12944 1941910	45330	103719	409188	999244	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Ave	4477 968536	18711	46107	195113	487294	1.00 200	4.00	10.0	40.0	100
Tert-butyl ethyl ether	FB	Ave	19024 3741760	76539	181564	748347	1893020	0.500 100	2.00	5.00	20.0	50.0
Vinyl acetate	FB	Ave	11324 2747330	52090	117105	514649	1352280	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	8792 1313580	30173	68348	270473	666837	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Lin	5640 1436880	21931	51014	246252	690139	0.500 100	2.00	5.00	20.0	50.0
1-Bromopropane	FB	Ave	10889 1721170	40214	91965	361163	871891	0.500 100	2.00	5.00	20.0	50.0
Cyclohexane	FB	Ave	9572 1599700	36189	82358	335209	809177	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	4104 643306	15081	35670	140636	339611	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	12474 1934270	45685	104862	402502	995460	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	7375 1365630	28660	65665	279560	691036	0.500 100	2.00	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	5204 900849	19498	44381	176092	448778	1.00 200	4.00	10.0	40.0	100
Ethyl acetate	FB	Ave	1833 305613	5638	14157	59857	151127	1.00 200	4.00	10.0	40.0	100
Methyl acrylate	FB	Ave	5823 1144000	21971	53073	222265	565441	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	9890 1626270	36395	82801	340908	838586	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	9680 1546090	33464	78076	308909	779413	0.500 100	2.00	5.00	20.0	50.0
2-Butanone (MEK)	FB	Ave	+++++ 535665	12019	25253	103350	263991	+++++ 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Ave	15059 2315320	51371	118450	480169	1178450	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	30602 4660750	105166	245880	973413	2378690	0.500 100	2.00	5.00	20.0	50.0
n-Heptane	FB	Ave	6904 1061100	23987	51287	218507	537715	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	10355 1956080	40394	99829	385622	977098	5.00 1000	20.0	50.0	200	500
Methacrylonitrile	FB	Ave	4459 848847	19090	45263	164953	420907	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Lin	1103 143791	4249	8499	32075	75288	5.00 1000	20.0	50.0	200	500
Tert-amyl methyl ether	FB	Ave	17227 3573490	69951	168888	700286	1795290	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	8545 1430630	32949	79281	303696	736207	0.500 100	2.00	5.00	20.0	50.0
tert-Butyl Formate	FB	Qua	935 184237	2353	5406	22928	72616	0.500 100	2.00	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	9116 1659940	34931	77261	326181	830822	0.500 100	2.00	5.00	20.0	50.0
Isopropyl acetate	FB	Lin	452 92258	2715	4455	17704	46236	1.00 200	4.00	10.0	40.0	100
Trichloroethene	FB	Ave	8510 1327110	29759	68915	277392	678655	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	4367 729635	15478	38631	146338	368196	0.500 100	2.00	5.00	20.0	50.0
n-Butanol	FB	Ave	1789 355960	5649	13968	57827	162403	5.00 1000	20.0	50.0	200	500
1,2-Dichloropropane	FB	Ave	7108 1181370	27453	61335	242057	597192	0.500 100	2.00	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	8719 1514930	32993	77058	302101	765874	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Ave	538 100019	1799	3753	19401	44253	5.00 1000	20.0	50.0	200	500
Methyl methacrylate	FB	Ave	5428 1050330	19917	45856	198042	515509	0.500 100	2.00	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	2095 462664	8730	18766	81446	222636	0.500 100	2.00	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	1526 305570	5886	12977	54783	147852	1.00 200	4.00	10.0	40.0	100
cis-1,3-Dichloropropene	FB	Ave	10220 1932560	37867	92629	383568	986831	0.500 100	2.00	5.00	20.0	50.0
Toluene	CBZ	Ave	31231 4847180	110304	254247	1009590	2488940	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Ave	1698 459991	7691	20306	82983	220325	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Ave	3335 683738	13702	30328	128816	337738	1.00 200	4.00	10.0	40.0	100
1,1-Dichloroacetone	CBZ	Ave	14070 3213490	59207	141813	586277	1564030	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Ave	6685 1074060	23309	53309	218325	541857	0.500 100	2.00	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	6248 1104940	21262	48414	208208	547403	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Ave	8356 1794630	34204	82036	348229	900283	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	6002 1099810	23478	56073	224396	556401	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	5667 1365040	24968	59582	257708	677502	0.500 100	2.00	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	6741 1315690	26318	61910	257059	656954	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	10759 1913500	42204	97152	389066	975292	0.500 100	2.00	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	5851 1164750	23840	56275	231758	586274	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Hexanone	CBZ	Ave	3043 817882	16050	35775	154745	406550	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	20427 3317760	74873	172336	680343	1688770	0.500 100	2.00	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	3690 560063	12287	27845	110862	286606	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Ave	7047 1629000	28538	64230	270262	850619	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	10223 1737660	37944	88068	353831	872846	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	6648 1193490	24657	58955	239811	602307	0.500 100	2.00	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	24415 4227800	89405	214870	875063	2152090	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Ave	11304 2078530	44435	103498	420529	1049870	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Ave	4452 923463	17796	42246	175620	458661	0.500 100	2.00	5.00	20.0	50.0
Styrene	CBZ	Ave	16154 3517550	66286	163470	698525	1771820	0.500 100	2.00	5.00	20.0	50.0
Isopropylbenzene	DCB	Ave	25694 4645400	93563	222597	941104	2355460	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	8798 1493640	32327	74909	303574	755769	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	28596 5100570	106248	247799	1051060	2599000	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	6866 1271830	28848	65248	253731	641509	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	21328 3674090	79603	189192	763083	1875790	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	25417 4648760	95260	228856	955420	2371530	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	2500 432605	9372	22940	89404	219512	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	20148 3727430	76490	183348	767016	1883860	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	3554 708514	13559	31714	136749	350970	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Ave	20413 3443390	74952	175703	714913	1748220	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	17462 3240320	64364	156162	656346	1651520	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	DCB	Ave	20289 3773870	77034	185079	774134	1925520	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	23465 4332930	87998	209399	875345	2189790	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	20335 3941120	76083	181363	788321	1991590	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	14587 2506130	54228	131187	512908	1279750	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	15570 2613710	57669	137145	532069	1325870	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	11547 2208430	39635	99395	434302	1103970	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Ave	3377 630721	12900	29317	120845	311005	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	17471 3215460	66163	156271	656095	1623370	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	14538 2522310	56570	129965	507887	1269120	0.500 100	2.00	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Ave	18916 4064850	73280	175019	776178	2029550	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1729 261004	5577	13224	50246	129816	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Lin	6127 1475960	21146	49068	219088	661072	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Ave	8038 865955	18057	40688	166411	426267	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	11064 1993290	40322	96549	387905	978860	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Ave	29214 5302170	108743	253714	1046150	2653540	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	11285 1944000	41043	93157	380748	963289	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	6739 1170940	27052	61295	241581	599007	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	7307 1199020	29356	65816	258997	622495	0.500 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	24776 4414950	96027	225775	919499	2246380	0.500 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	9292 1479410	33287	74632	296563	754149	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24442

SDG No.: 220-8033

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/17/2009 16:12 Calibration End Date: 02/17/2009 18:24 Calibration ID: 2965

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V1794.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 17-FEB-2009 16:12 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;0.5
Misc Info : : ;;; ; 8260 ;1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V8260LOW.m
Meth Date : 19-Feb-2009 08:14 msv.i Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.717	4.717	(1.000)	1584324	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	3586	0.50000	0.0(M)
3	Chloromethane	50	1.087	1.087	(0.231)	8095	0.50000	0.0(M)
4	Vinyl Chloride	62	1.093	1.093	(0.232)	6022	0.50000	0.0(M)
5	Bromomethane	94	1.274	1.274	(0.270)	2109	0.50000	0.0(M)
6	Chloroethane	64	1.344	1.344	(0.285)	3306	0.50000	0.0
7	Trichlorofluoromethane	101	1.429	1.429	(0.303)	8096	0.50000	0.0
8	Dichlorofluoromethane	67	1.456	1.456	(0.309)	9867	0.50000	0.0(TM)
9	Ethyl Ether	45	1.616	1.616	(0.343)	5080	0.50000	0.0(M)
10	Ethanol	45	1.669	1.669	(0.354)	2672	5.00000	0.0(M)
11	Freon 141	81	1.669	1.669	(0.354)	9647	0.50000	0.0
12	Freon 123	67	1.776	1.776	(0.377)	1686	0.50000	0.0(M)
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	6369	0.50000	0.0
14	1,1-Dichloroethene	96	1.739	1.739	(0.369)	6101	0.50000	0.0
15	Carbon Disulfide	76	1.755	1.755	(0.372)	20790	0.50000	0.0
16	Iodomethane	142	1.829	1.829	(0.388)	4215	0.50000	0.0
17	Acrolein	56	1.968	1.968	(0.417)	4246	2.50000	0.0
18	2-Propanol	45	2.096	2.096	(0.444)	1027	0.50000	0.0(M)
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	10731	0.50000	0.0
20	Methylene Chloride	84	2.144	2.144	(0.455)	11813	0.50000	0.0
21	Acetone	43	2.176	2.176	(0.461)	17403	0.50000	0.0(M)
22	trans-1,2-Dichloroethene	96	2.272	2.272	(0.482)	8024	0.50000	0.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	29156	0.50000	0.0
	24 Methyl tert-Butyl Ether	73	2.358	2.358	(0.500)	18646	0.50000	0.0
	25 tert-Butyl alcohol	59	2.454	2.454	(0.520)	5750	2.50000	0.0(M)
	27 Isopropyl ether	45	2.705	2.705	(0.573)	21898	0.50000	0.0
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	19024	0.50000	0.0
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	5408	0.50000	0.0
	30 Acrylonitrile	53	2.838	2.838	(0.602)	4477	1.00000	0.0
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	12944	0.50000	0.0
	32 Vinyl Acetate	43	3.078	3.078	(0.653)	11324	0.50000	0.0(M)
	33 cis-1,2-Dichloroethene	96	3.345	3.345	(0.709)	8792	0.50000	0.0
	34 2,2-Dichloropropane	77	3.446	3.446	(0.731)	5640	0.50000	0.0
	35 Bromochloromethane	128	3.548	3.548	(0.752)	4104	0.50000	0.0
	36 1-Bromopropane	43	3.532	3.532	(0.749)	10889	0.50000	0.0
	37 Cyclohexane	84	3.548	3.548	(0.752)	9572	0.50000	0.0
	38 Chloroform	83	3.649	3.649	(0.774)	12474	0.50000	0.0
	39 Ethyl Acetate	43	3.809	3.809	(0.808)	1833	1.00000	0.0(M)
	40 Methyl Acrylate	55	3.809	3.809	(0.808)	5823	0.50000	0.0(M)
$	41 Dibromofluoromethane	111	3.841	3.841	(0.814)	6739	0.50000	0.0
	42 Tetrahydrofuran	42	3.799	3.799	(0.805)	5204	1.00000	0.0
	43 Carbon Tetrachloride	117	3.772	3.772	(0.800)	7375	0.50000	0.0
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	9890	0.50000	0.0
	45 2-Butanone	43	3.985	3.985	(0.845)	3603	0.50000	0.0
	46 1,1-Dichloropropene	75	3.985	3.985	(0.845)	9680	0.50000	0.0
	47 tert-Amyl methyl ether	73	4.428	4.428	(0.939)	17227	0.50000	0.0
	48 tert-Butyl formate	57	4.626	4.626	(0.981)	935	0.50000	0.0(M)
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	15059	0.50000	0.0
	50 Heptane	43	4.268	4.268	(0.905)	6904	0.50000	0.0(M)
	51 Propionitrile	54	4.284	4.284	(0.908)	10355	5.00000	0.0
	52 Benzene	78	4.252	4.252	(0.902)	30602	0.50000	0.0
	53 2-Methyl-2-Propenenitrile	41	4.306	4.306	(0.913)	4459	0.50000	0.0(M)
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	7307	0.50000	0.0
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	8545	0.50000	0.0(M)
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	9116	0.50000	0.0
	60 Trichloroethene	130	4.909	4.909	(1.041)	8510	0.50000	0.0
	61 Isopropyl Acetate	43	4.893	4.893	(1.037)	452	1.00000	0.0(M)
	62 n-Butanol	56	5.421	5.421	(1.149)	1789	5.00000	0.0(M)
	63 Dibromomethane	93	5.368	5.368	(1.138)	4367	0.50000	0.0
	64 1,2-Dichloropropane	63	5.490	5.490	(1.164)	7108	0.50000	0.0(T)
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	8719	0.50000	0.0
	66 Methyl Methacrylate	69	5.848	5.848	(1.240)	5428	0.50000	0.0
	67 1,4-Dioxane	58	5.843	5.843	(1.239)	538	5.00000	0.0(M)
	68 n-Propyl Acetate	43	6.323	6.323	(1.341)	1526	1.00000	0.0(M)
	69 2-Chloroethylvinylether	63	6.328	6.328	(1.342)	2095	0.50000	0.0(M)
	70 cis-1,3-Dichloropropene	75	6.350	6.350	(1.346)	10220	0.50000	0.0
	71 Chloroacetonitrile	48	6.830	6.830	(1.448)	1698	5.00000	0.0
	72 2-Nitropropane	41	6.905	6.905	(1.464)	3335	1.00000	0.0(T)
	73 trans-1,3-Dichloropropene	75	7.156	7.156	(1.517)	8356	0.50000	0.0
	74 1,1,2-Trichloroethane	97	7.342	7.342	(1.557)	6002	0.50000	0.0
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	1201377	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	31231	0.50000	0.0
$	77 Toluene-d8	98	6.558	6.558	(0.775)	24776	0.50000	0.0
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	14070	2.50000	0.0
	79 4-Methyl-2-Pentanone	43	7.129	7.129	(0.843)	6248	0.50000	0.0(T)
	80 Tetrachloroethene	164	7.070	7.070	(0.836)	6685	0.50000	0.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	7.428	7.428	(0.878)	5667	0.50000	0.0
82	Dibromochloromethane	129	7.529	7.529	(0.890)	6741	0.50000	0.0(T)
83	1,3-Dichloropropane	76	7.657	7.657	(0.905)	10759	0.50000	0.0
84	1,2-Dibromoethane	107	7.780	7.780	(0.920)	5851	0.50000	0.0
85	n-Butyl Acetate	56	8.532	8.532	(1.009)	3690	0.50000	0.0(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	3043	0.50000	0.0(T)
87	1-Chlorohexane	91	8.543	8.543	(1.010)	7047	0.50000	0.0(M)
88	Chlorobenzene	112	8.479	8.479	(1.003)	20427	0.50000	0.0
89	1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	6648	0.50000	0.0(T)
90	Ethylbenzene	106	8.564	8.564	(1.013)	10223	0.50000	0.0
91	Xylene (total)mp	106	8.773	8.773	(1.037)	24415	1.00000	0.0
92	Xylene (total)o	106	9.296	9.296	(1.099)	11304	0.50000	0.0
93	Styrene	104	9.365	9.365	(1.107)	16154	0.50000	0.0
94	Bromoform	173	9.344	9.344	(1.105)	4452	0.50000	0.0
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	637607	25.0000	
96	Isopropylbenzene	105	9.675	9.675	(0.883)	25694	0.50000	0.0
97	Bromobenzene	156	10.011	10.011	(0.914)	8798	0.50000	0.0
98	1,1,2,2-Tetrachloroethane	83	10.182	10.182	(0.929)	6866	0.50000	0.0
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	25417	0.50000	0.0
100	1,2,3-Trichloropropane	110	10.278	10.278	(0.938)	2500	0.50000	0.0
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	3554	1.00000	0.0
102	n-Propylbenzene	91	10.101	10.101	(0.922)	28596	0.50000	0.0
103	2-Chlorotoluene	91	10.214	10.214	(0.932)	21328	0.50000	0.0
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	20413	0.50000	0.0
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	20148	0.50000	0.0
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	17462	0.50000	0.0(H)
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	20289	0.50000	0.0
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	23465	0.50000	0.0
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	20335	0.50000	0.0
110	1,3-Dichlorobenzene	146	10.886	10.886	(0.994)	14587	0.50000	0.0
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	15570	0.50000	0.0
112	1,2-Dichlorobenzene	146	11.308	11.308	(1.032)	14538	0.50000	0.0
113	Benzyl Chloride	126	11.190	11.190	(1.021)	3377	0.50000	0.0
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	11547	0.50000	0.0
115	n-Butylbenzene	91	11.222	11.222	(1.024)	17471	0.50000	0.0
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	18916	0.50000	0.0
119	1,2-Dibromo-3-chloropropane	75	11.932	11.932	(1.089)	1729	0.50000	0.0
120	Nitrobenzene	77	12.332	12.332	(1.126)	6127	5.00000	0.0
121	1,2,4-Trichlorobenzene	180	12.423	12.423	(1.134)	11064	0.50000	0.0
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	8038	0.50000	0.0
123	Naphthalene	128	12.653	12.653	(1.155)	29214	0.50000	0.0
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	11285	0.50000	0.0
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	9292	0.50000	0.0
M 126	1,2-Dichloroethene (total)	100				16816	1.00000	0.0
M 127	Xylene (total)	100				35719	1.50000	0.0

QC Flag Legend

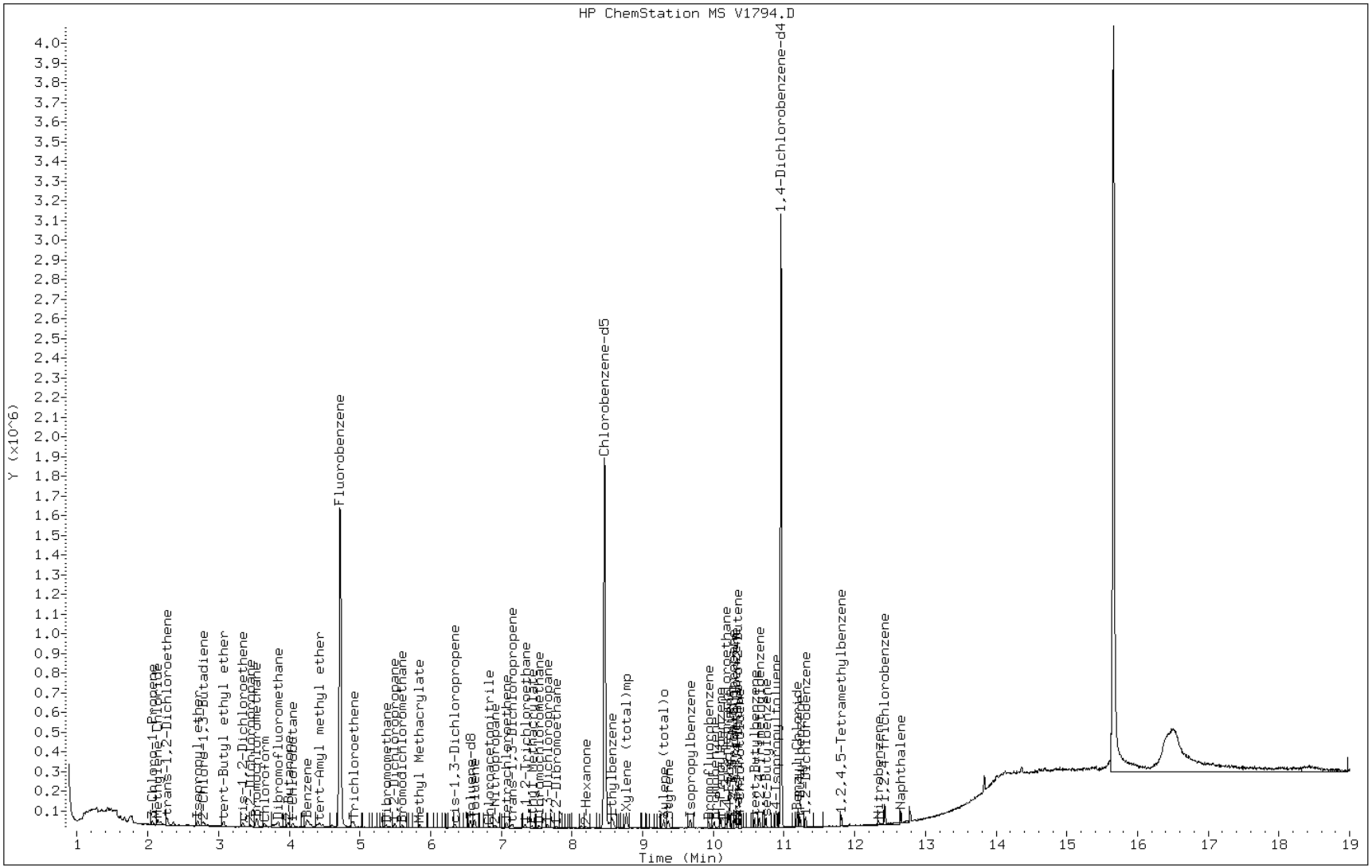
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1794.D

Date: 17-FEB-2009 16:12

Client ID: IC;0.5 Instrument: msv.i

Sample Info: IC;0.5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 02/19/2009

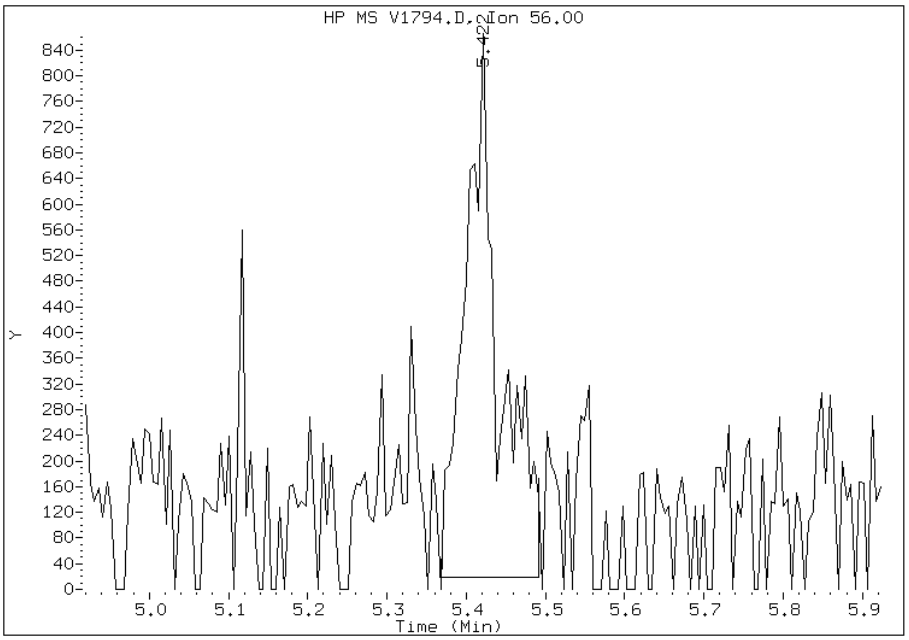
Processing Integration Results

RT: 5.42

Response: 2519

Amount: 24

Conc: 24



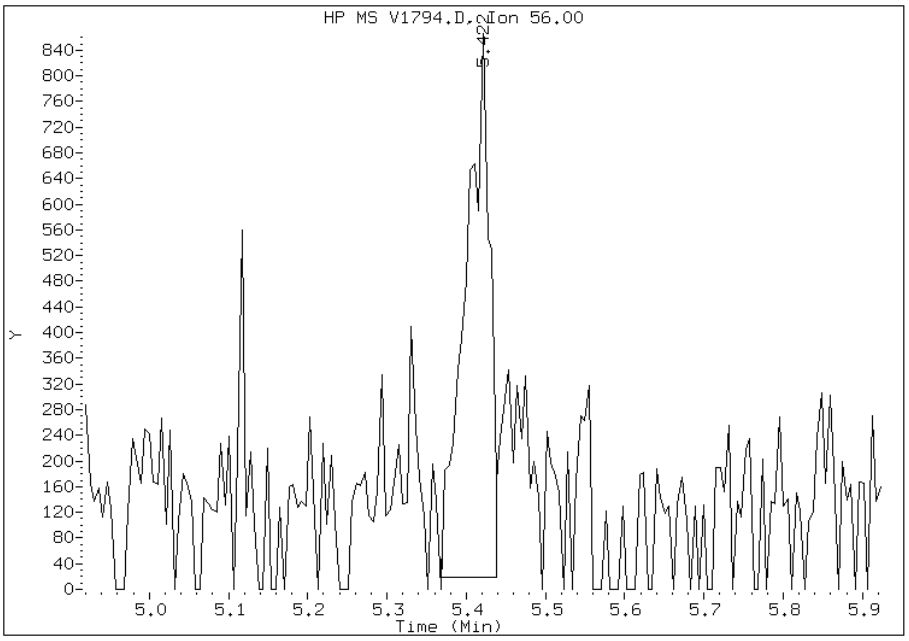
Manual Integration Results

RT: 5.42

Response: 1789

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 40 Methyl Acrylate
CAS #: 96-33-3
Report Date: 02/19/2009

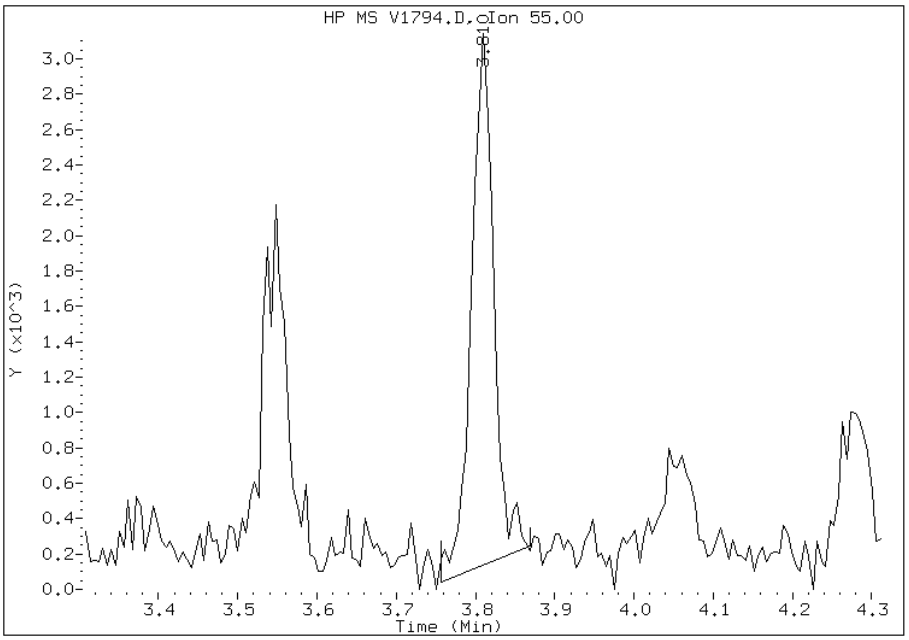
Processing Integration Results

RT: 3.81

Response: 5823

Amount: 0

Conc: 0



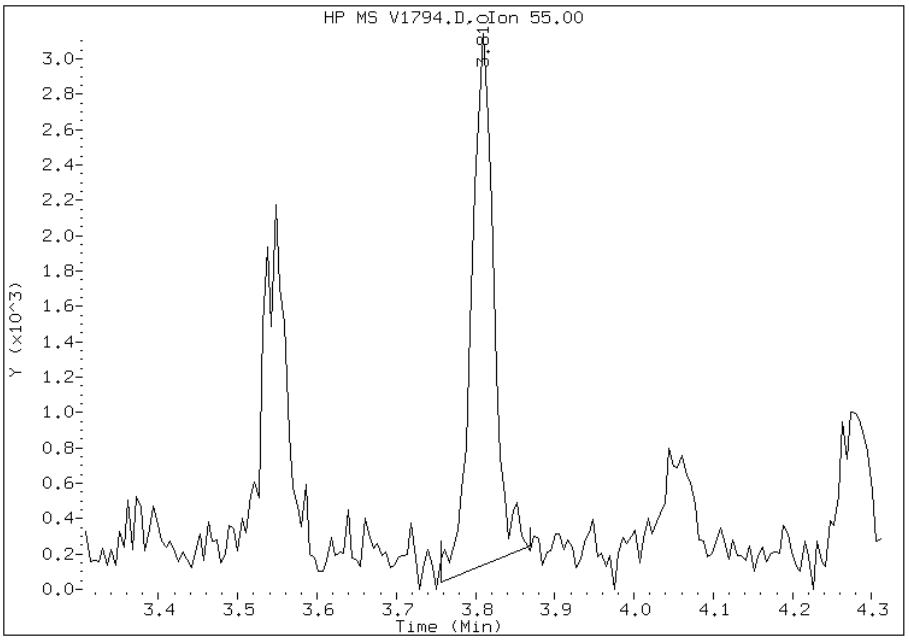
Manual Integration Results

RT: 3.81

Response: 5823

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 02/19/2009

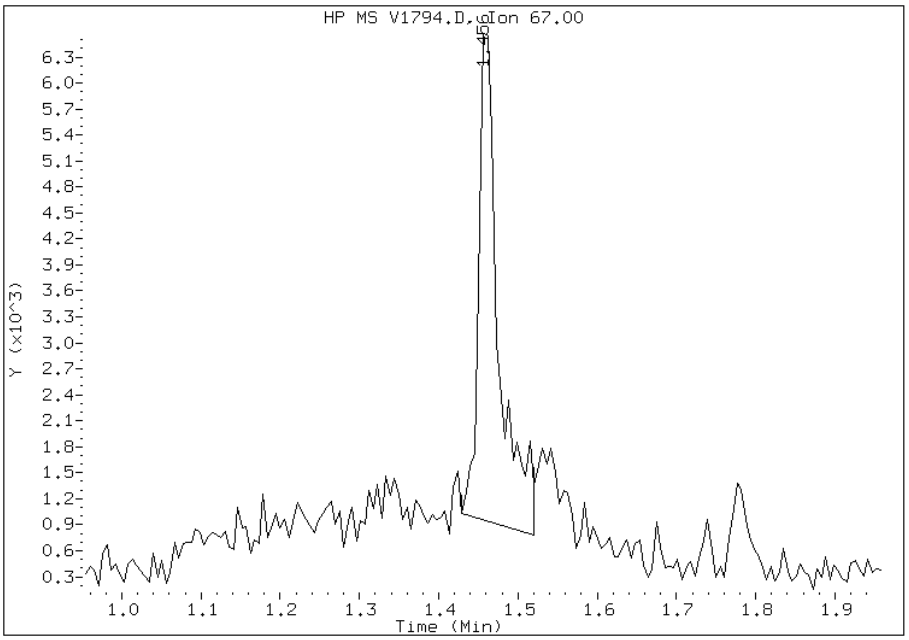
Processing Integration Results

RT: 1.46

Response: 9958

Amount: 0

Conc: 0



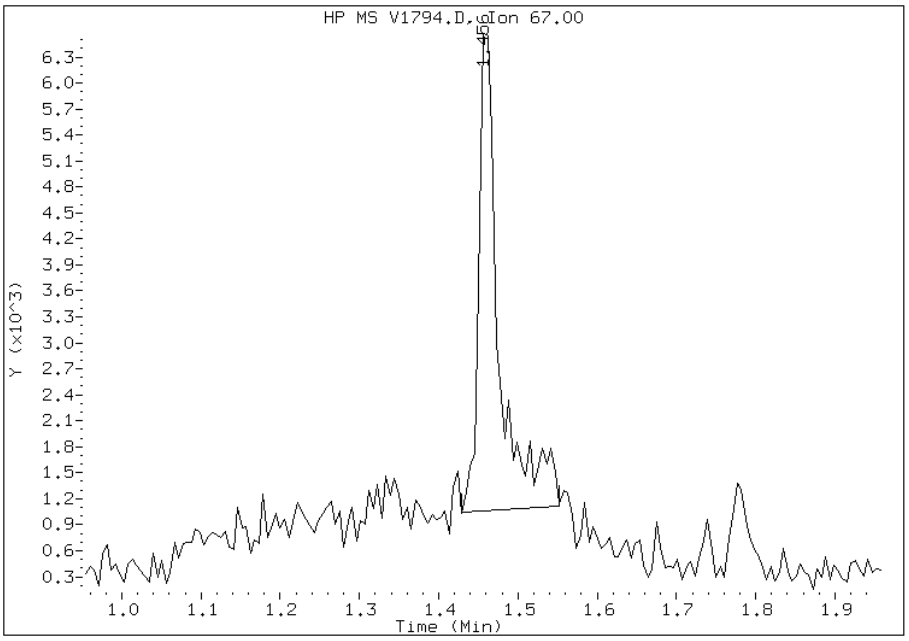
Manual Integration Results

RT: 1.46

Response: 9867

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

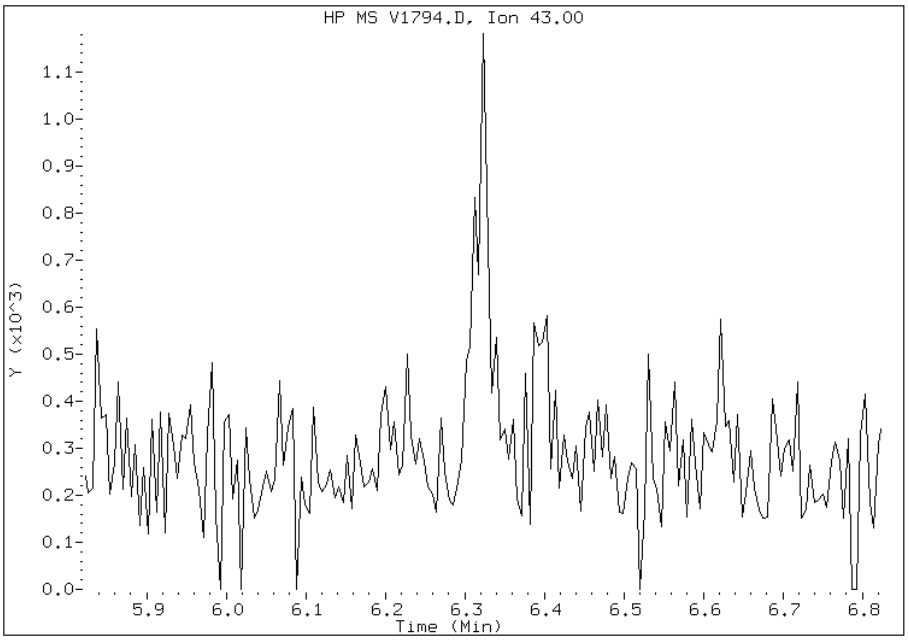
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 6.32



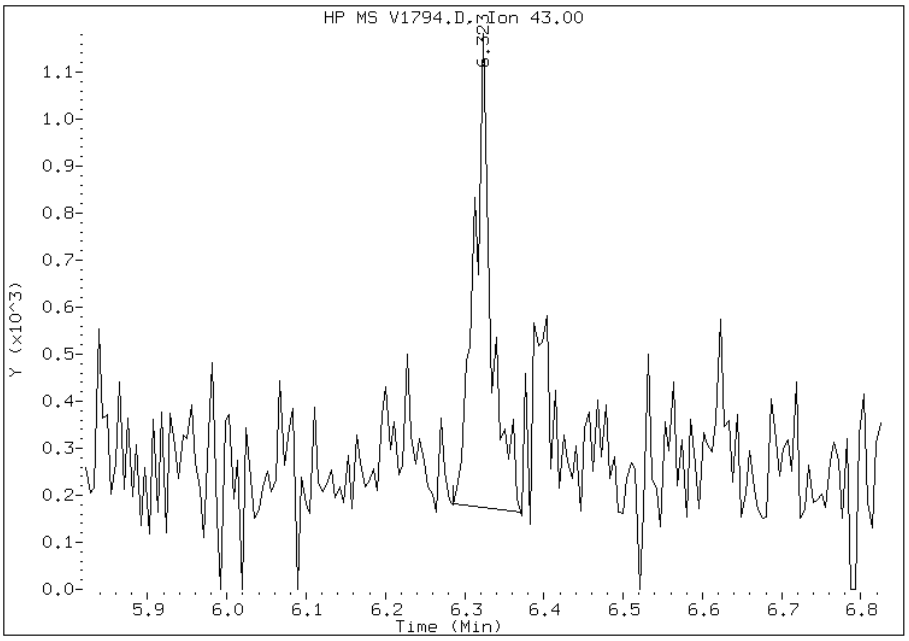
Manual Integration Results

RT: 6.32

Response: 1526

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/19/2009

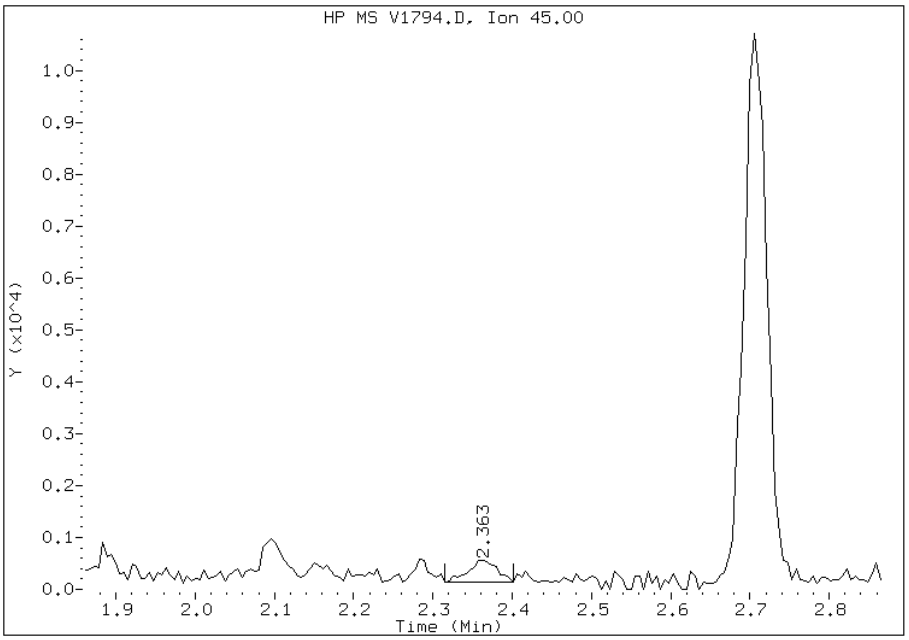
Processing Integration Results

RT: 2.36

Response: 1075

Amount: -0

Conc: -0



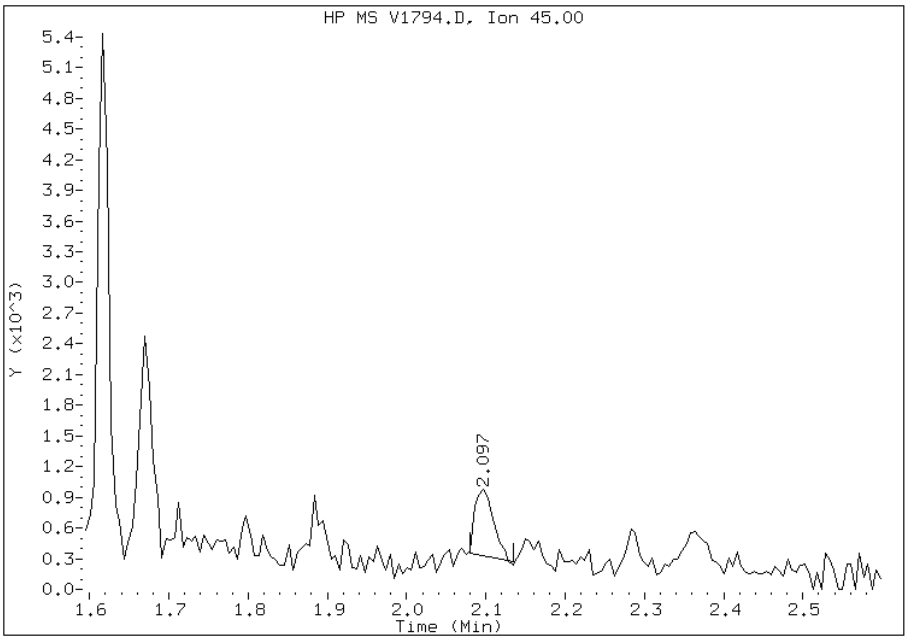
Manual Integration Results

RT: 2.10

Response: 1027

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 02/19/2009

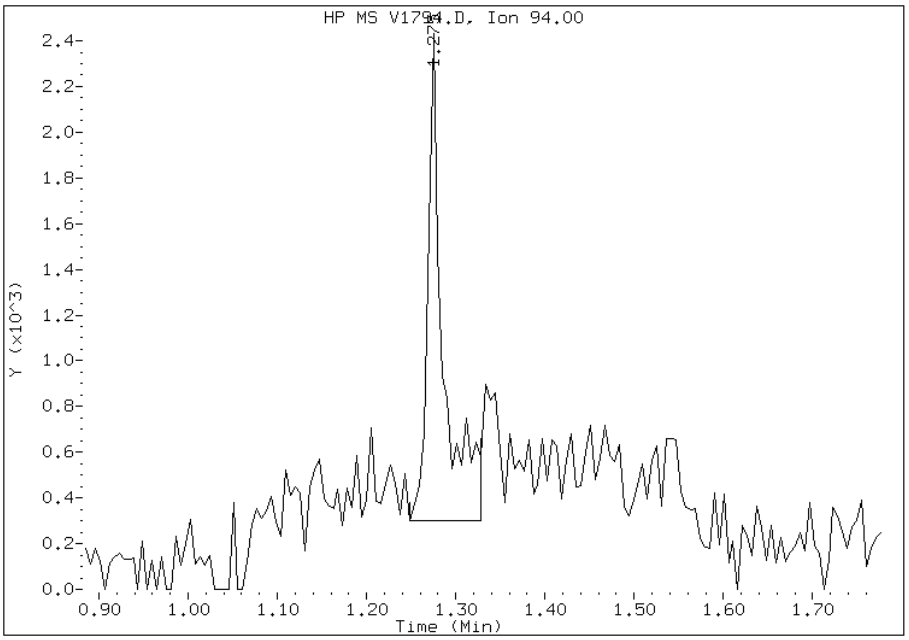
Processing Integration Results

RT: 1.27

Response: 2717

Amount: 1

Conc: 1



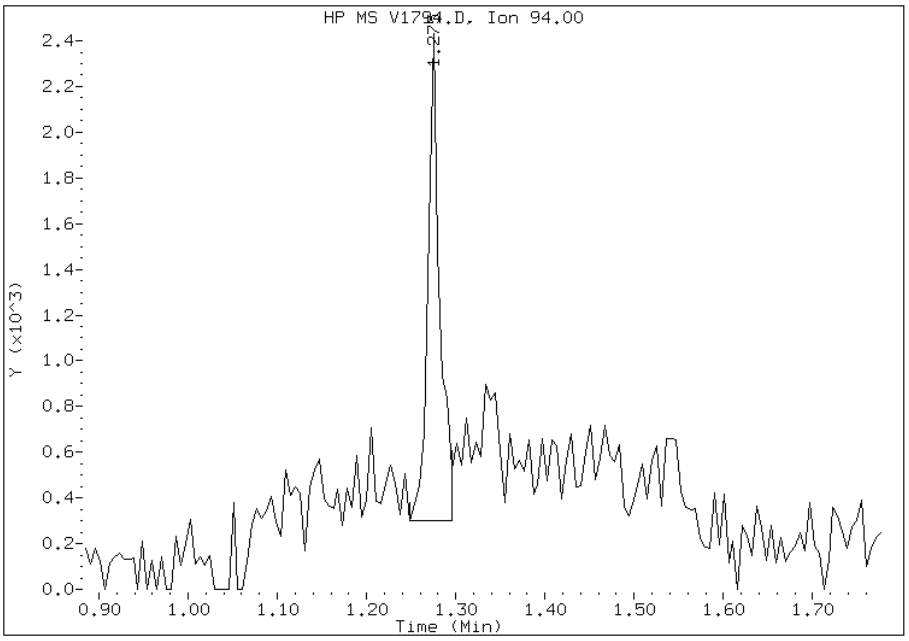
Manual Integration Results

RT: 1.27

Response: 2109

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

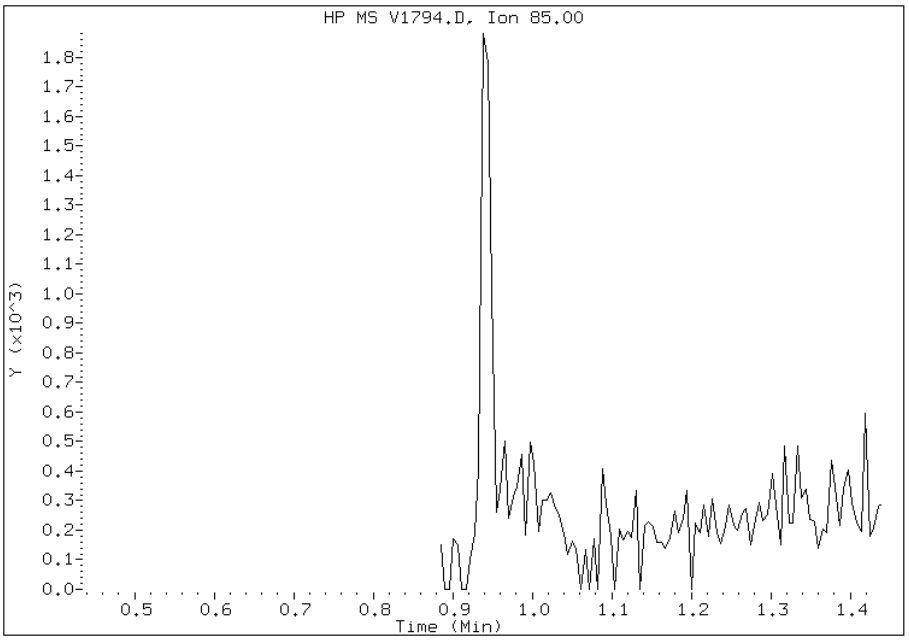
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 0.94



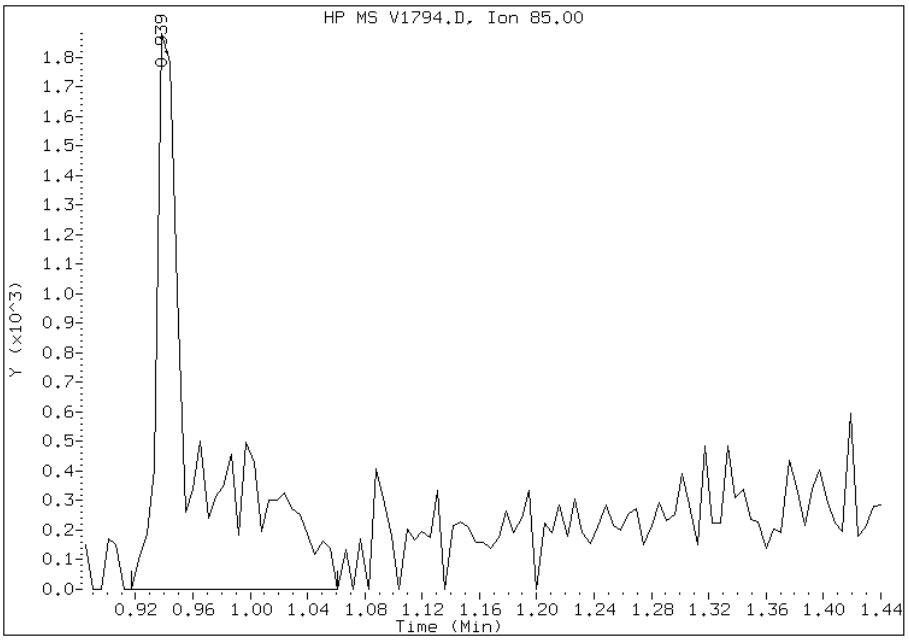
Manual Integration Results

RT: 0.94

Response: 3586

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/19/2009

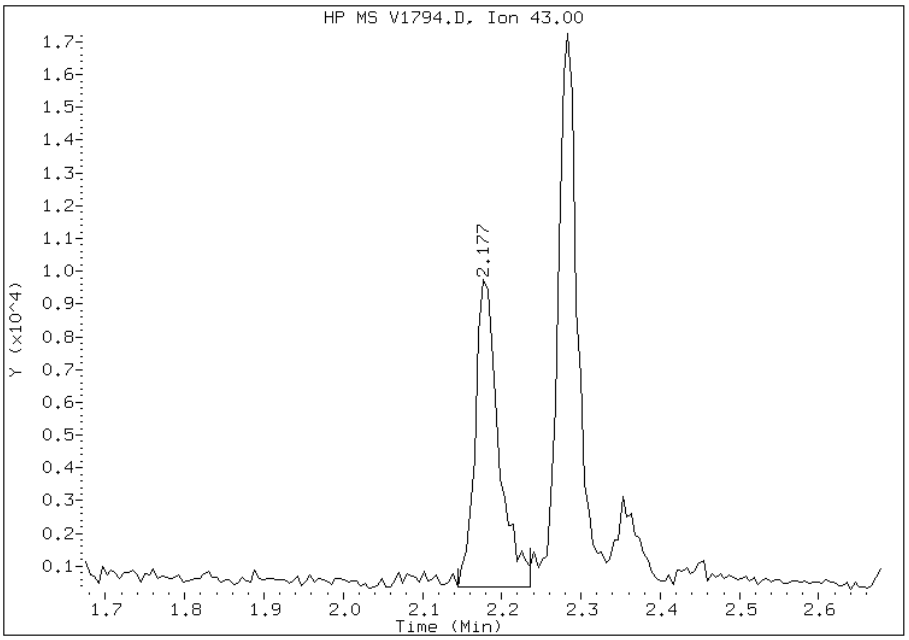
Processing Integration Results

RT: 2.18

Response: 19236

Amount: 3

Conc: 3



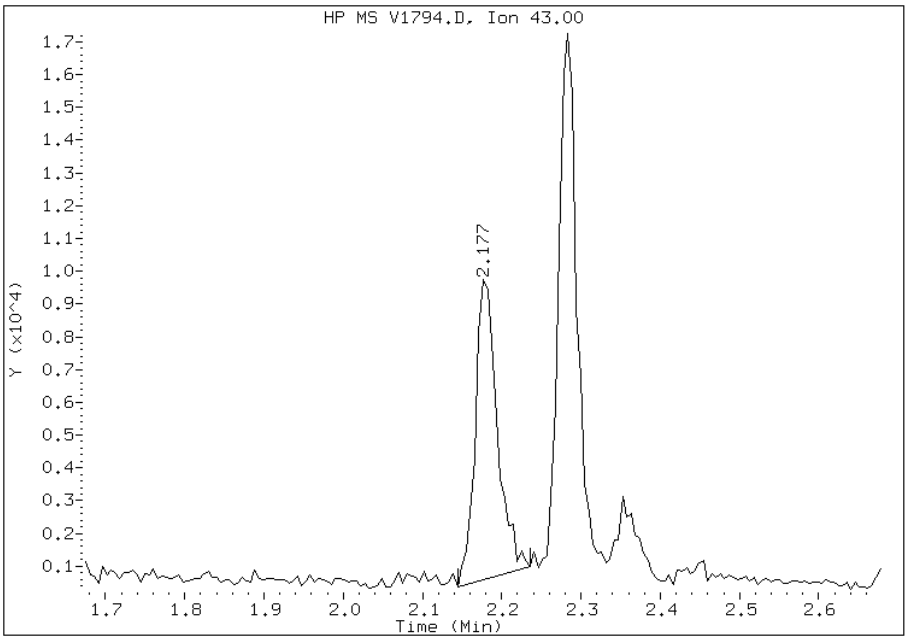
Manual Integration Results

RT: 2.18

Response: 17403

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

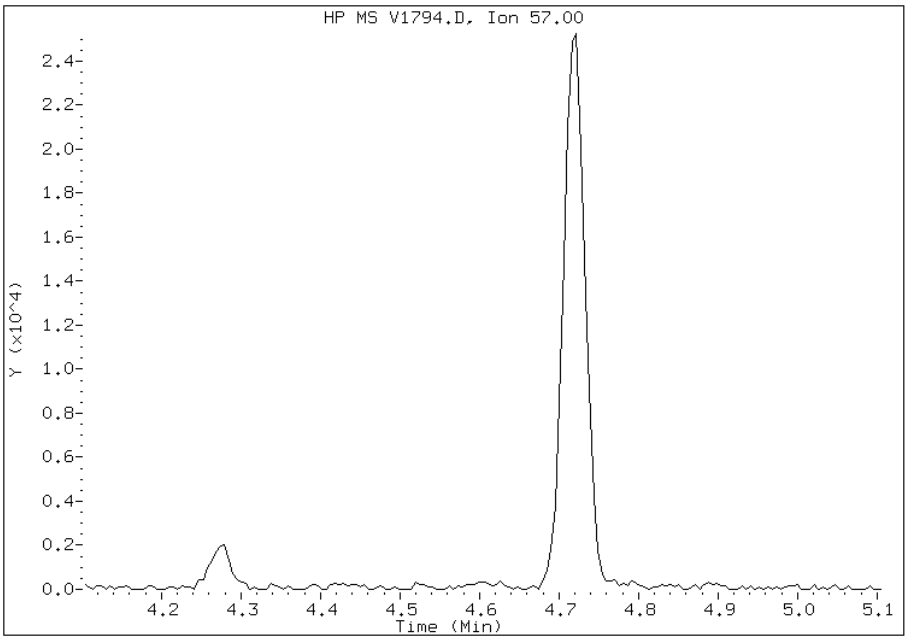
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 48 tert-Butyl formate
CAS #: 762-75-4
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 4.60



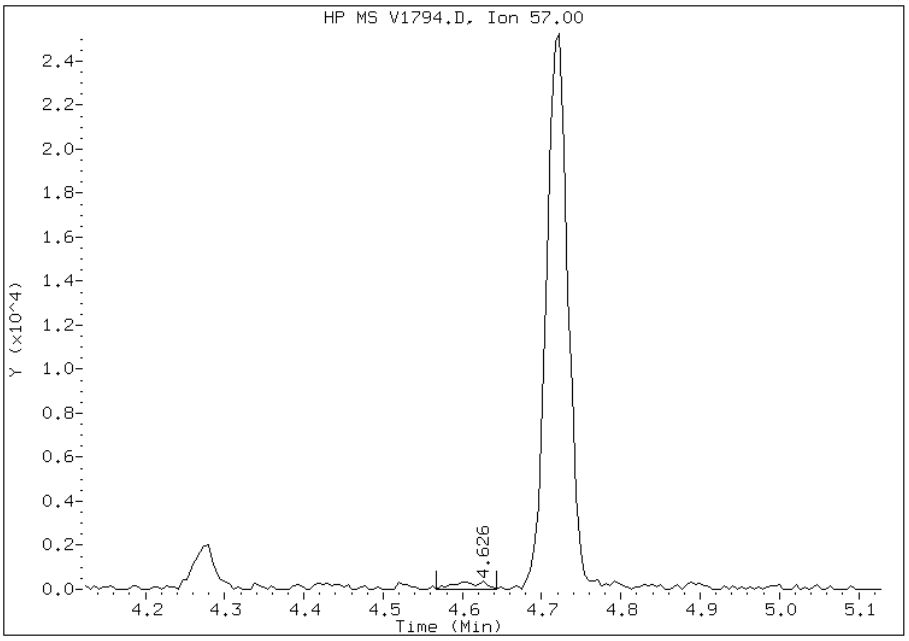
Manual Integration Results

RT: 4.63

Response: 935

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 02/19/2009

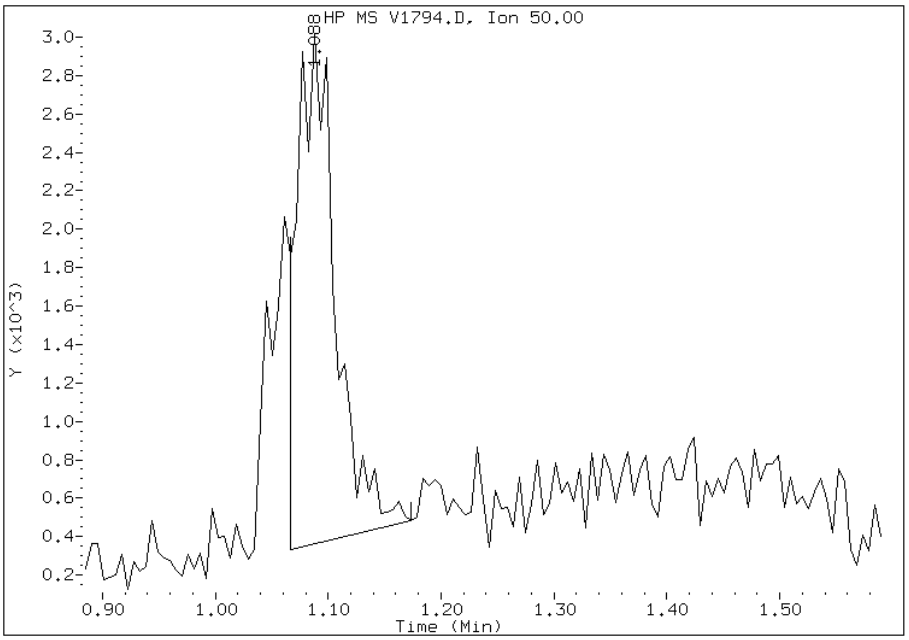
Processing Integration Results

RT: 1.09

Response: 6495

Amount: 1

Conc: 1



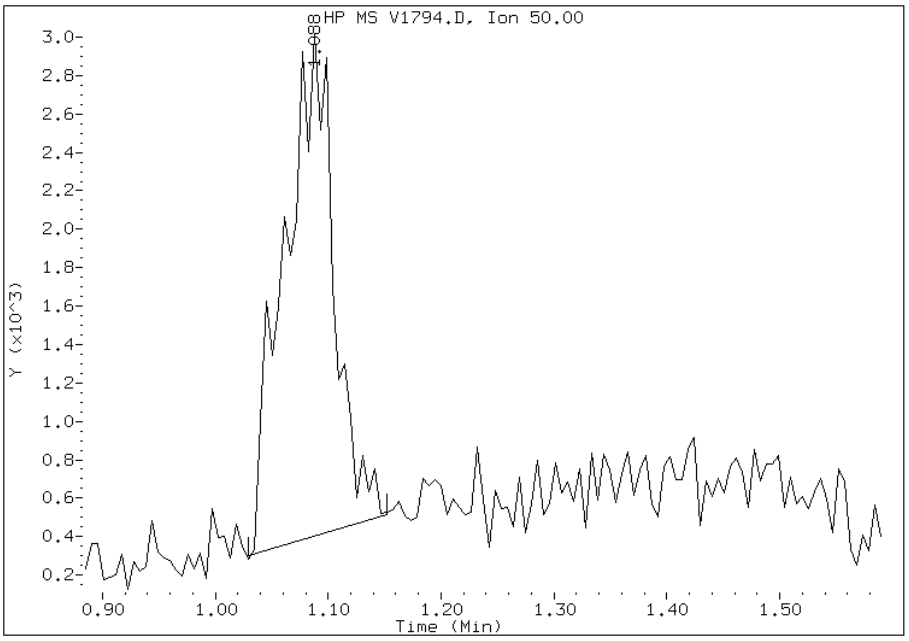
Manual Integration Results

RT: 1.09

Response: 8095

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/19/2009

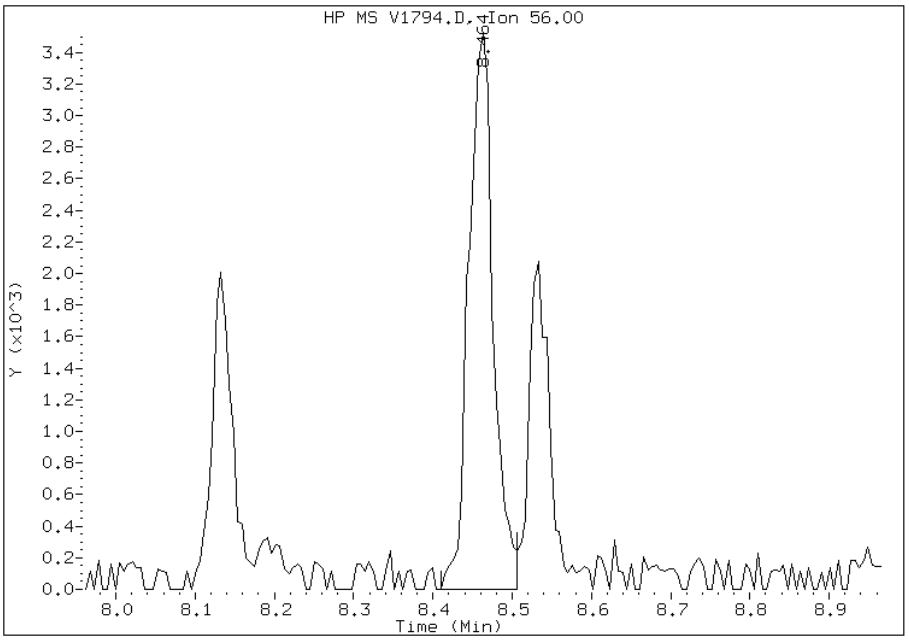
Processing Integration Results

RT: 8.46

Response: 7563

Amount: 2

Conc: 2



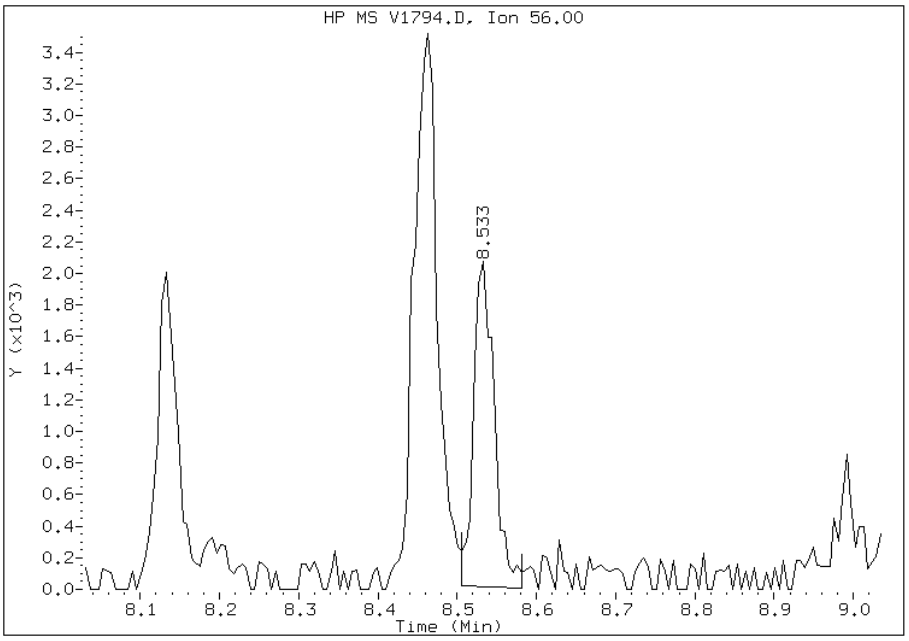
Manual Integration Results

RT: 8.53

Response: 3690

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 02/19/2009

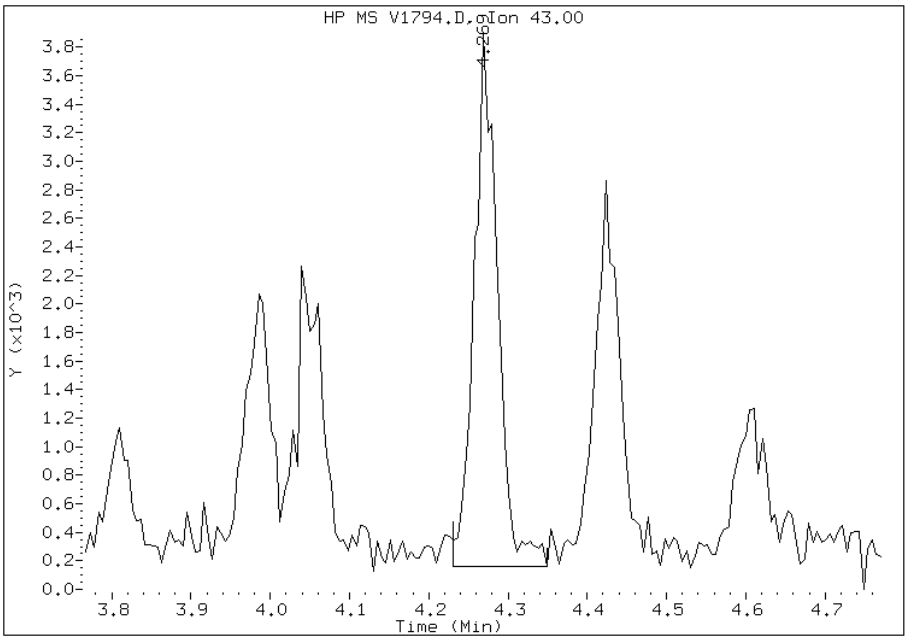
Processing Integration Results

RT: 4.27

Response: 7620

Amount: 0

Conc: 0



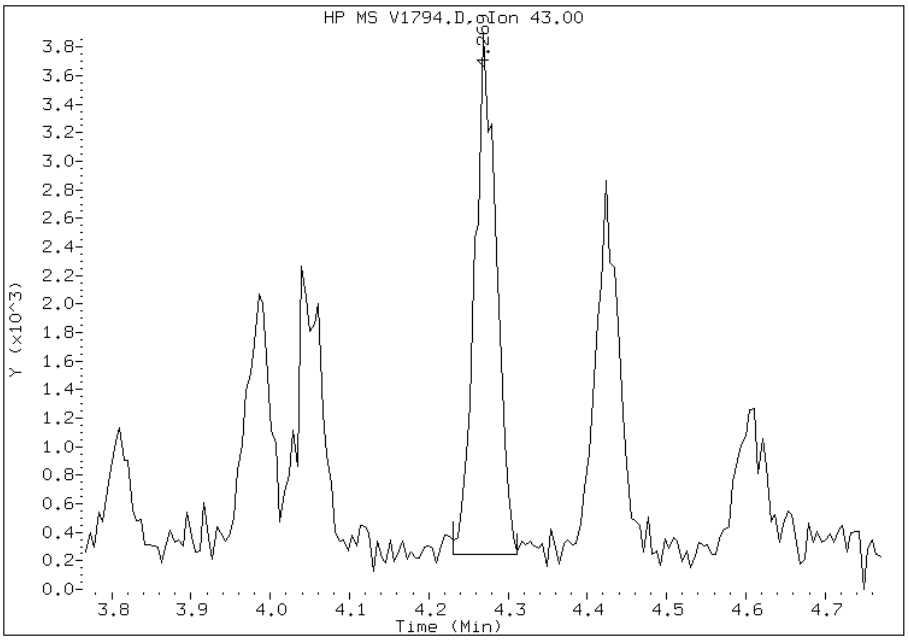
Manual Integration Results

RT: 4.27

Response: 6904

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

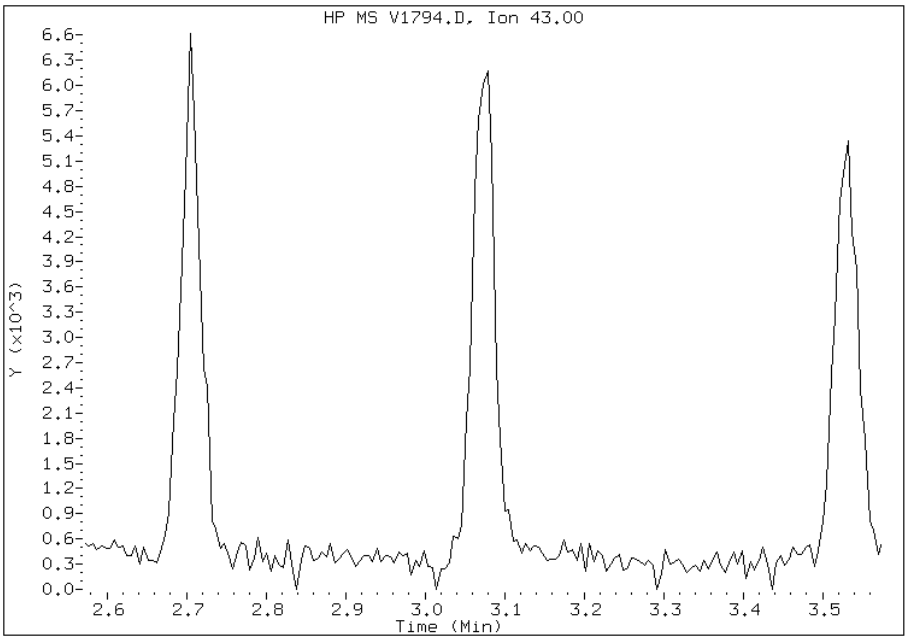
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 3.07



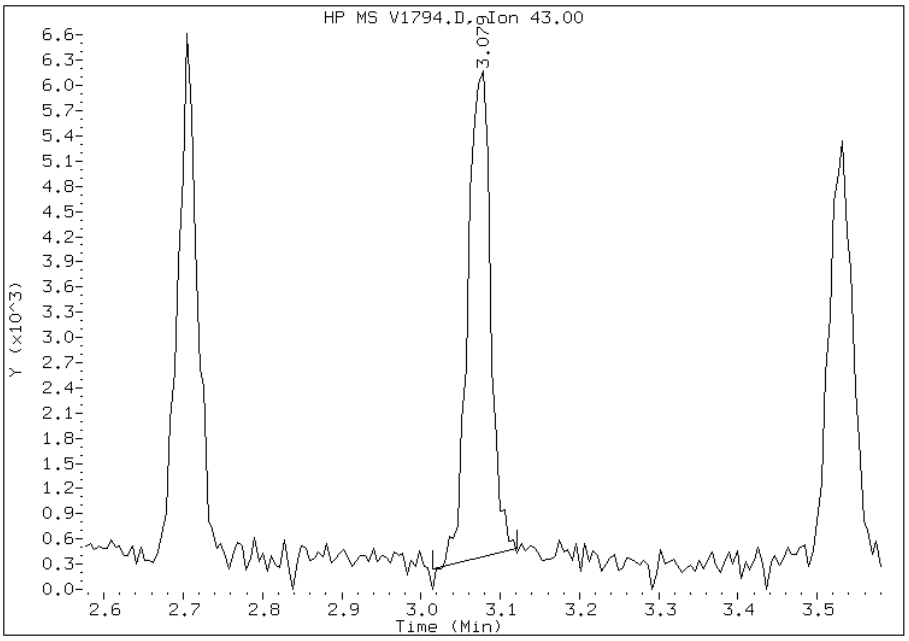
Manual Integration Results

RT: 3.08

Response: 11324

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

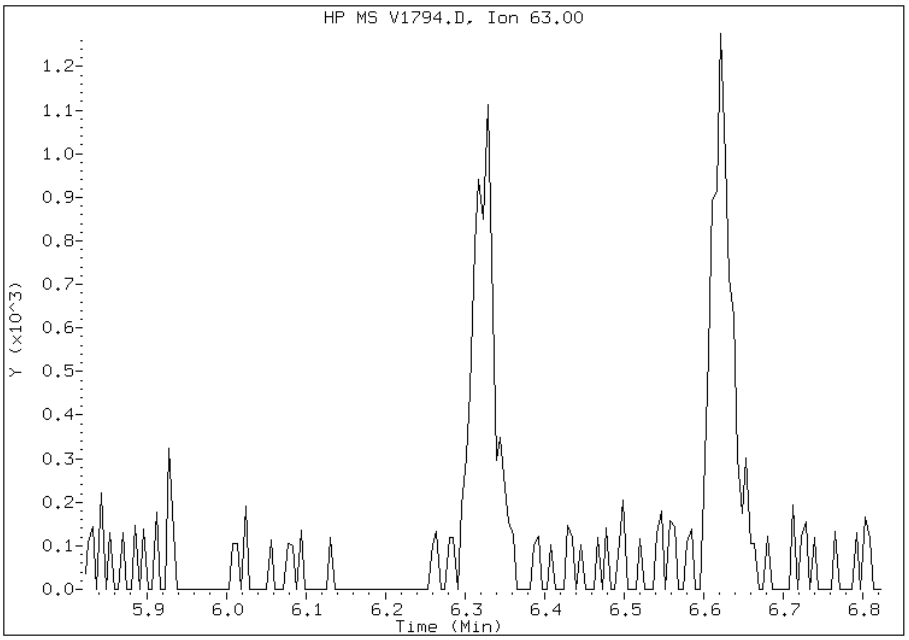
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 69 2-Chloroethylvinylether
CAS #: 110-75-8
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 6.32



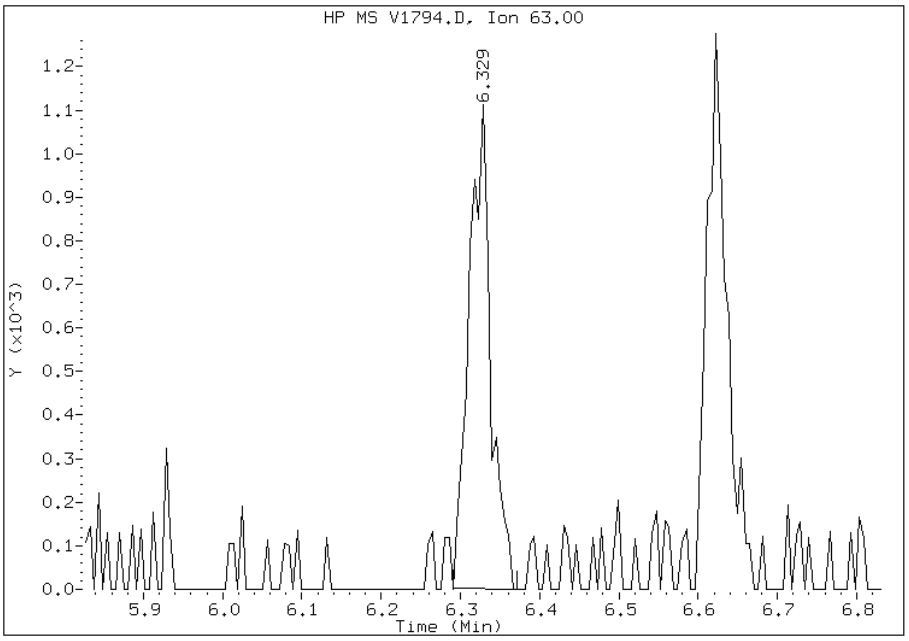
Manual Integration Results

RT: 6.33

Response: 2095

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

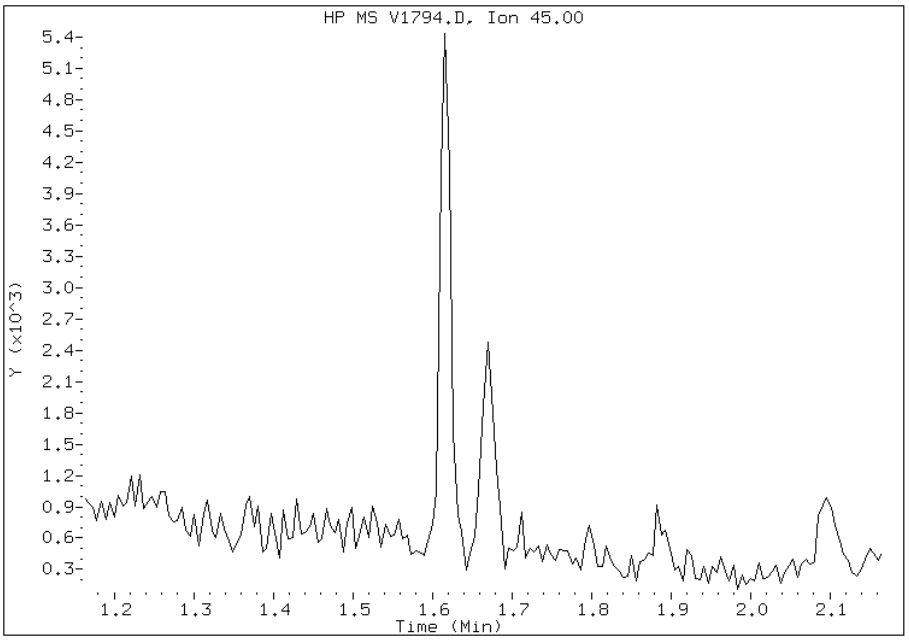
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 1.66



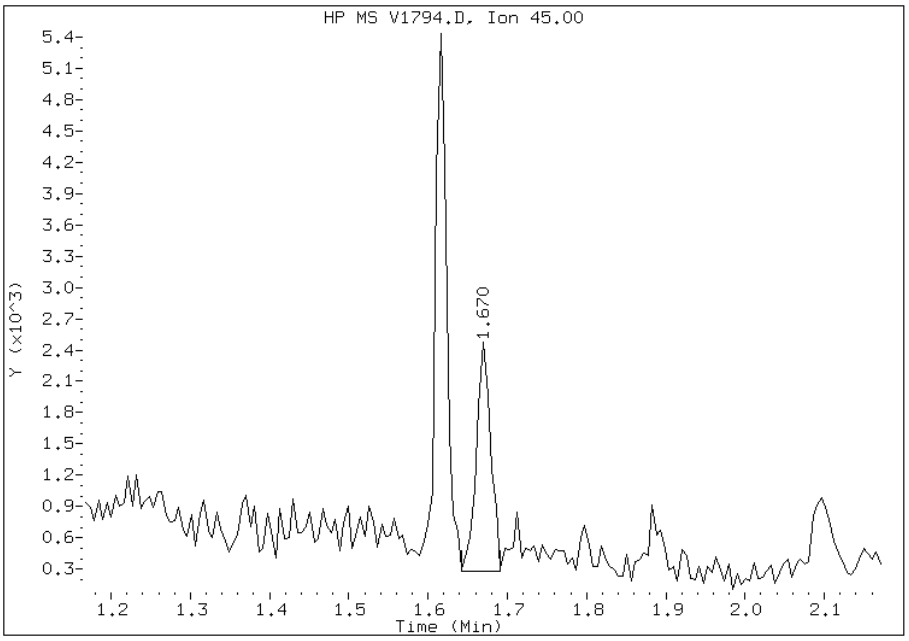
Manual Integration Results

RT: 1.67

Response: 2672

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 02/19/2009

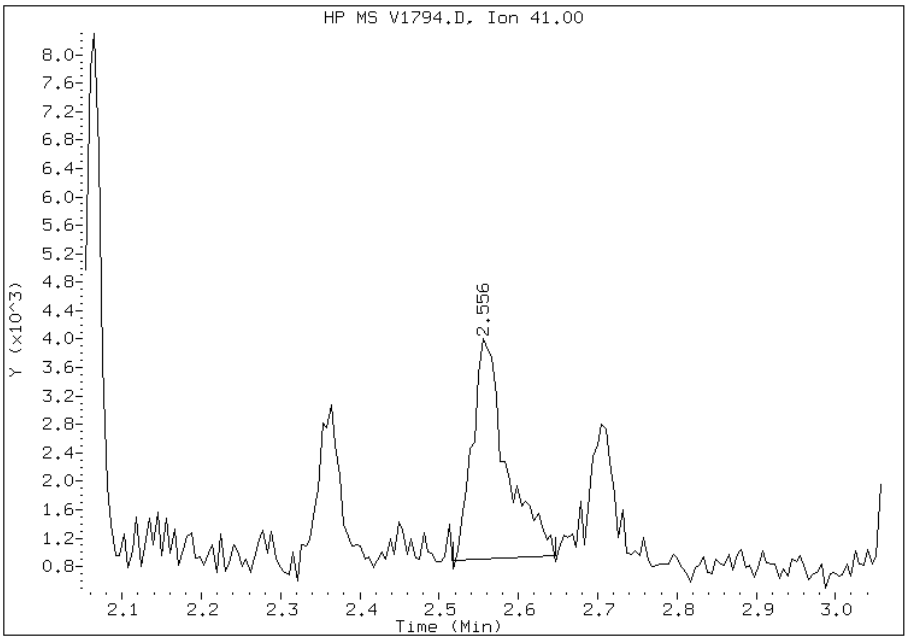
Processing Integration Results

RT: 2.56

Response: 9106

Amount: 0

Conc: 0



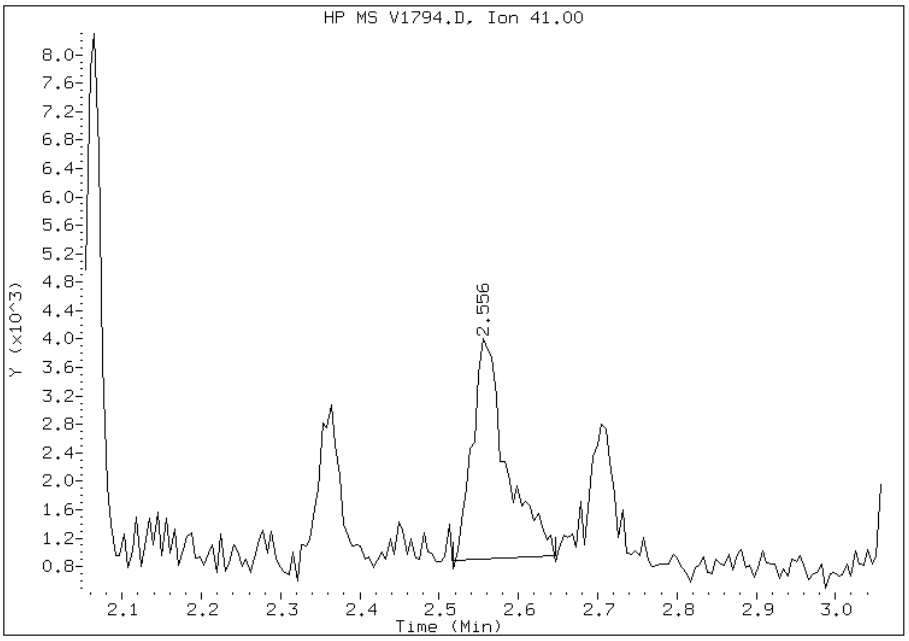
Manual Integration Results

RT: 2.56

Response: 9106

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 02/19/2009

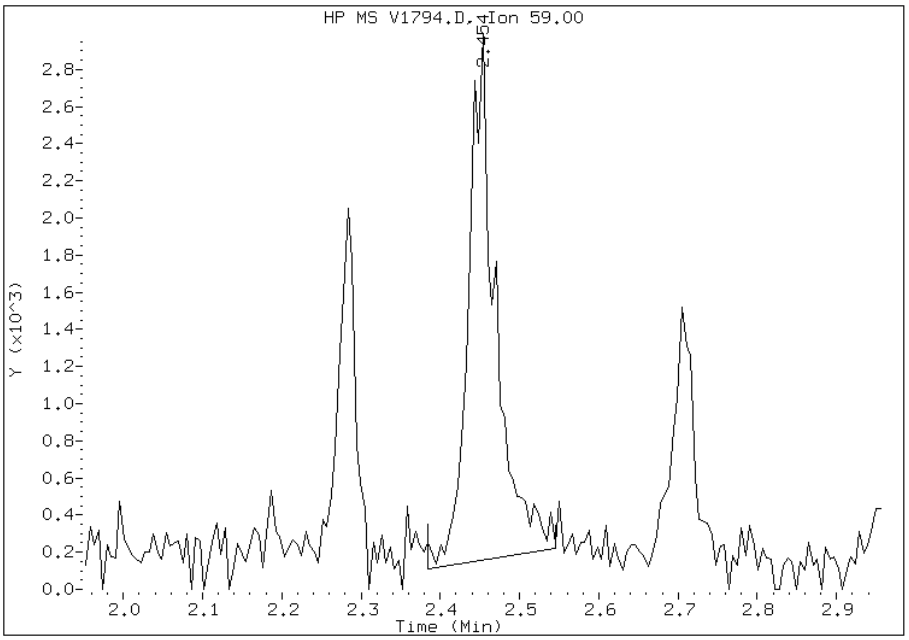
Processing Integration Results

RT: 2.45

Response: 6800

Amount: 4

Conc: 4



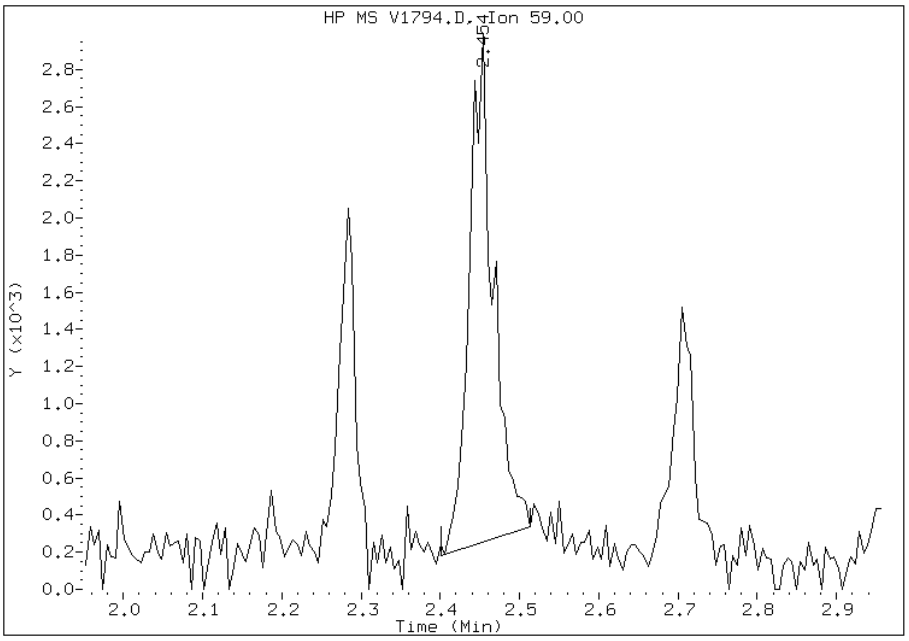
Manual Integration Results

RT: 2.45

Response: 5750

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

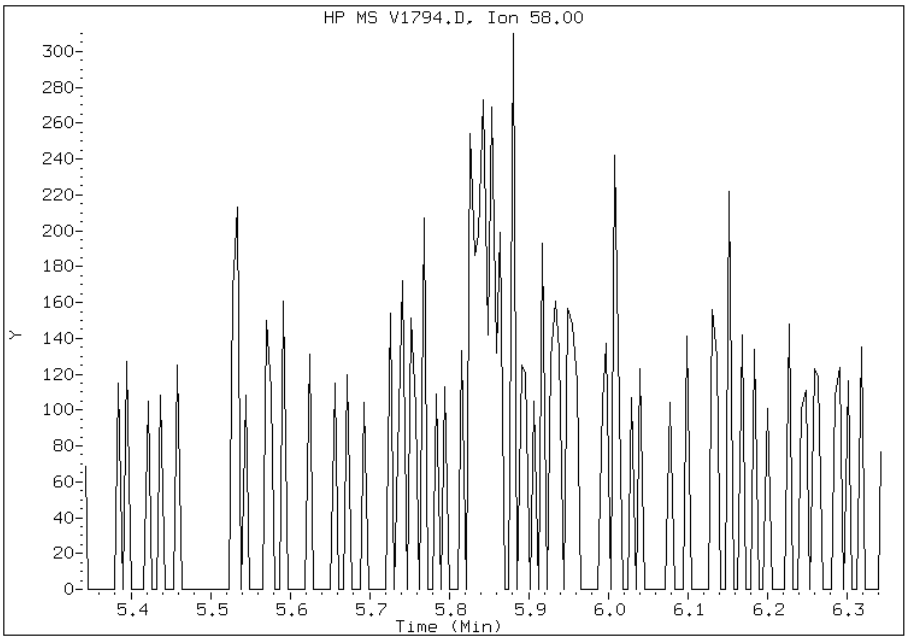
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 5.84



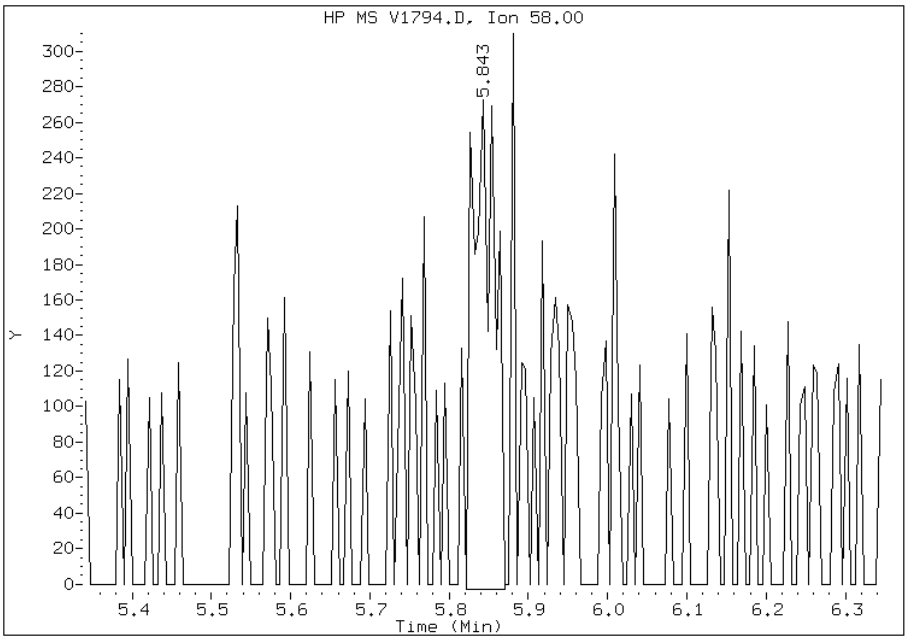
Manual Integration Results

RT: 5.84

Response: 538

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 02/19/2009

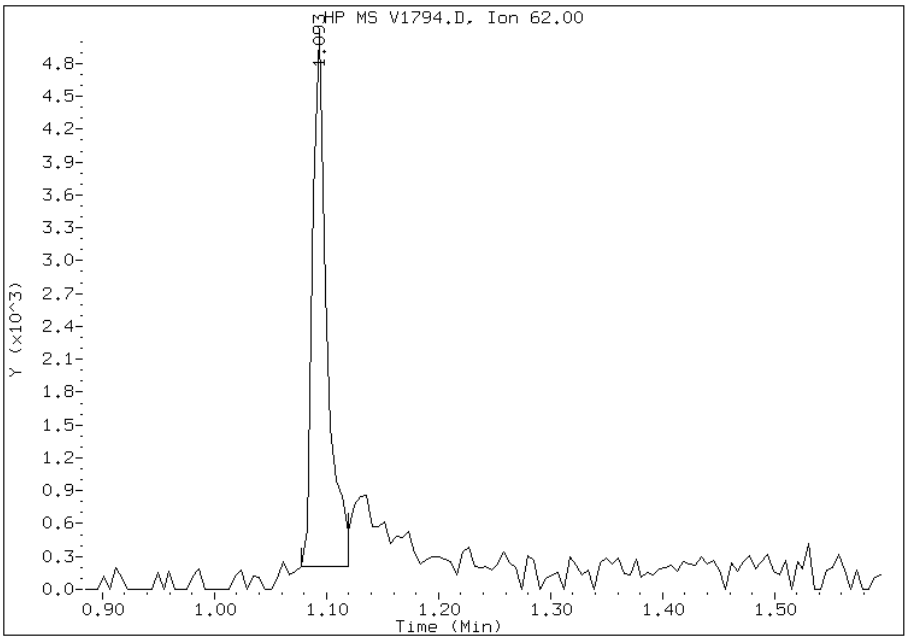
Processing Integration Results

RT: 1.09

Response: 4509

Amount: 0

Conc: 0



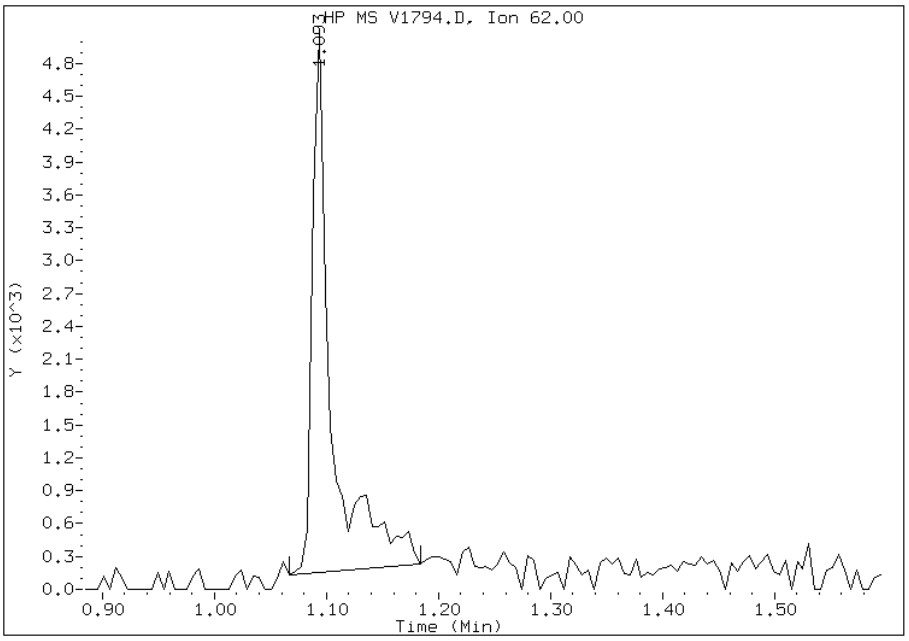
Manual Integration Results

RT: 1.09

Response: 6022

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/19/2009

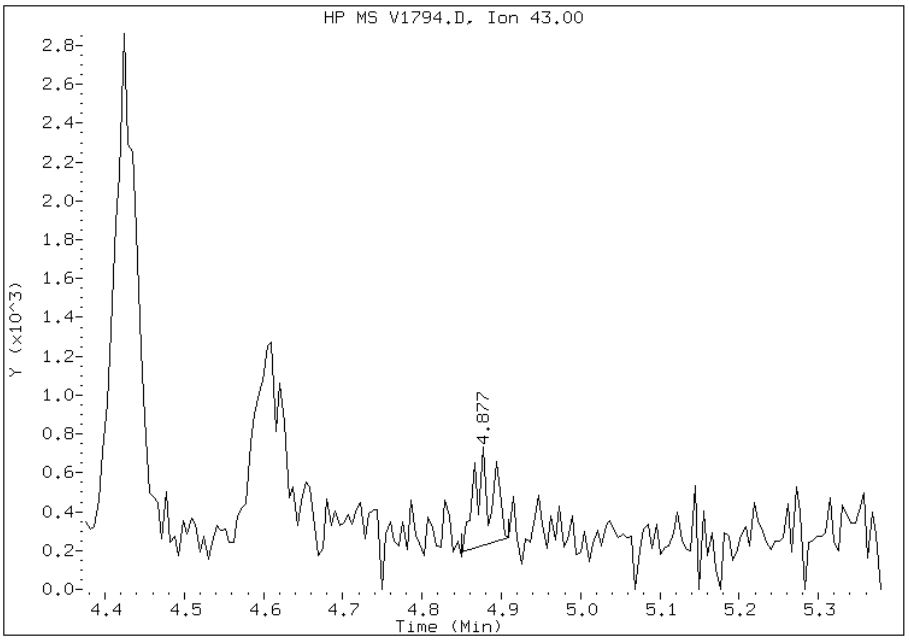
Processing Integration Results

RT: 4.88

Response: 739

Amount: 1

Conc: 1



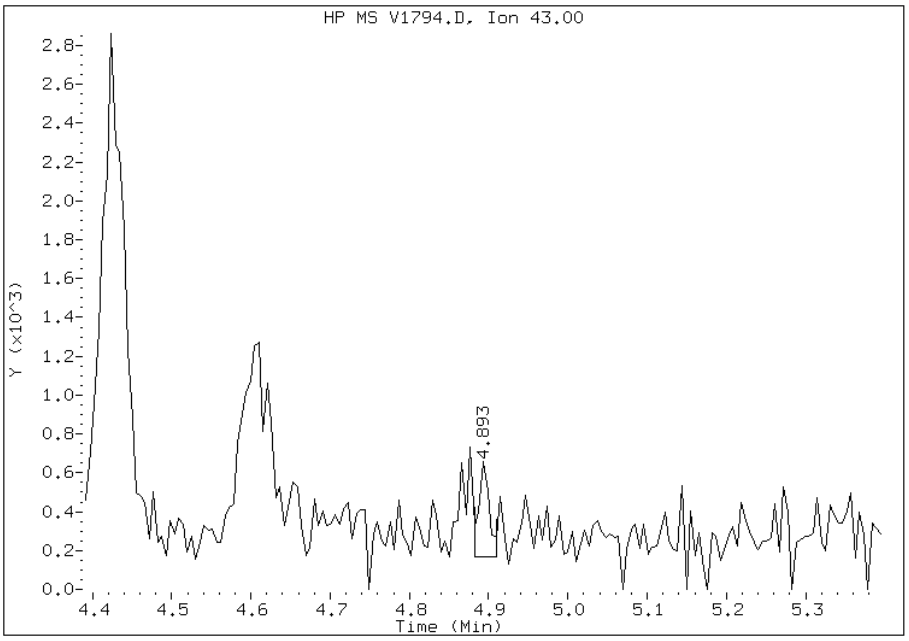
Manual Integration Results

RT: 4.89

Response: 452

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 56 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 02/19/2009

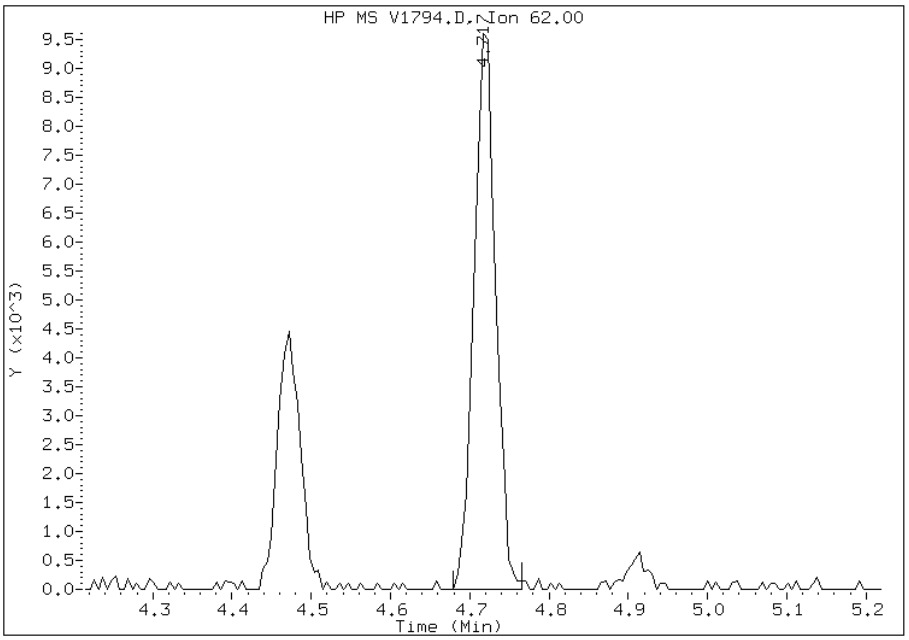
Processing Integration Results

RT: 4.72

Response: 18130

Amount: 1

Conc: 1



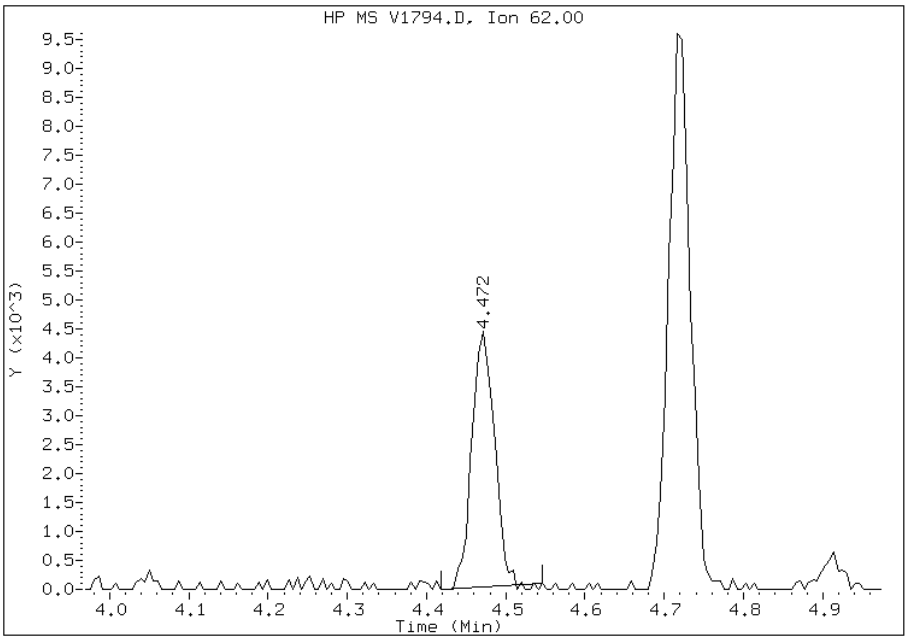
Manual Integration Results

RT: 4.47

Response: 8545

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 9 Ethyl Ether
CAS #: 60-29-7
Report Date: 02/19/2009

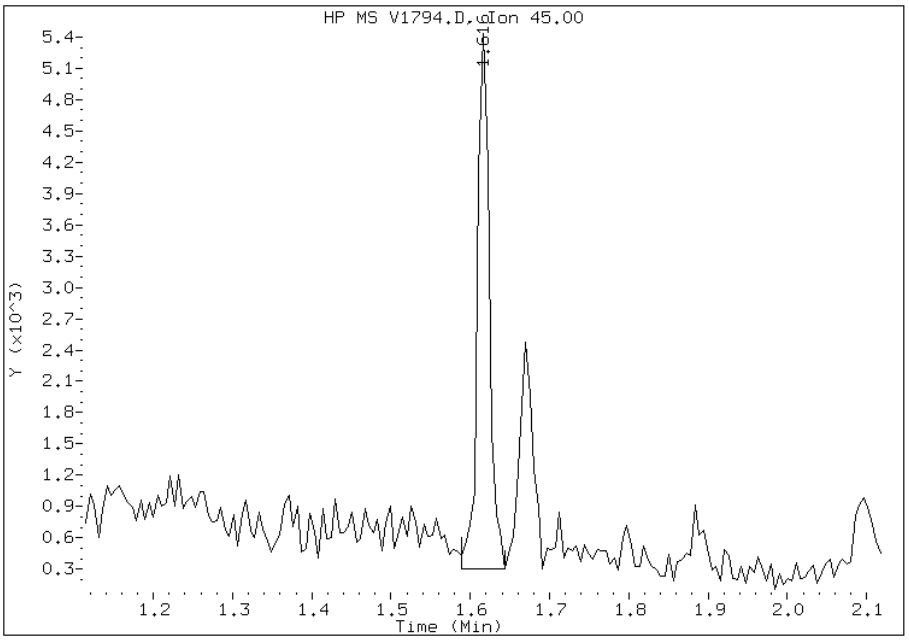
Processing Integration Results

RT: 1.62

Response: 5313

Amount: 1

Conc: 1



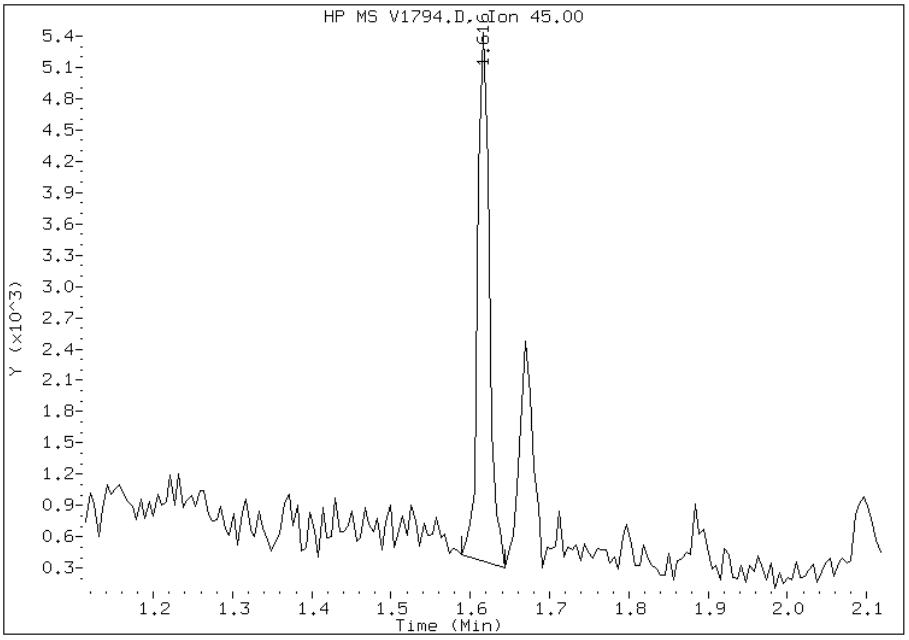
Manual Integration Results

RT: 1.62

Response: 5080

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

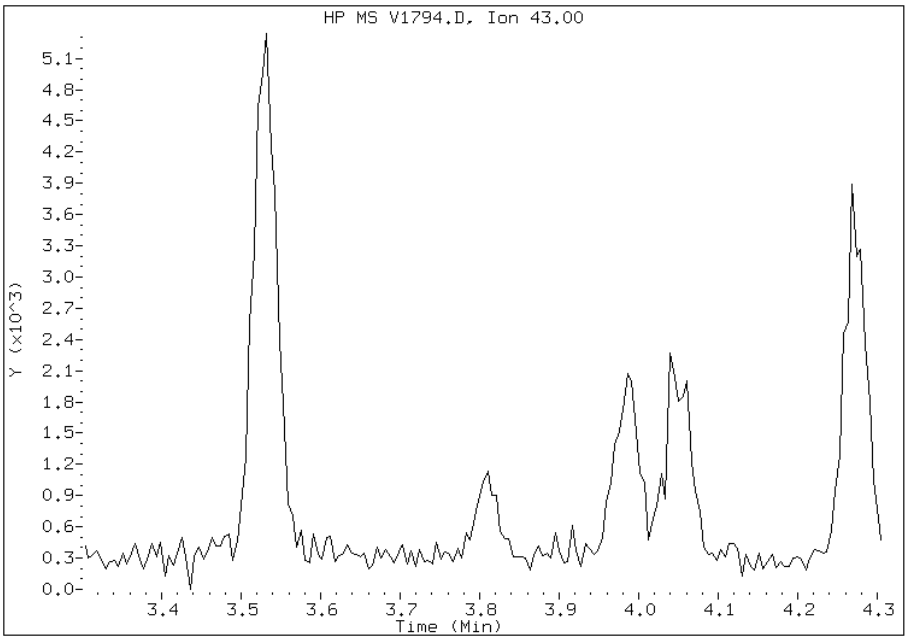
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 3.80



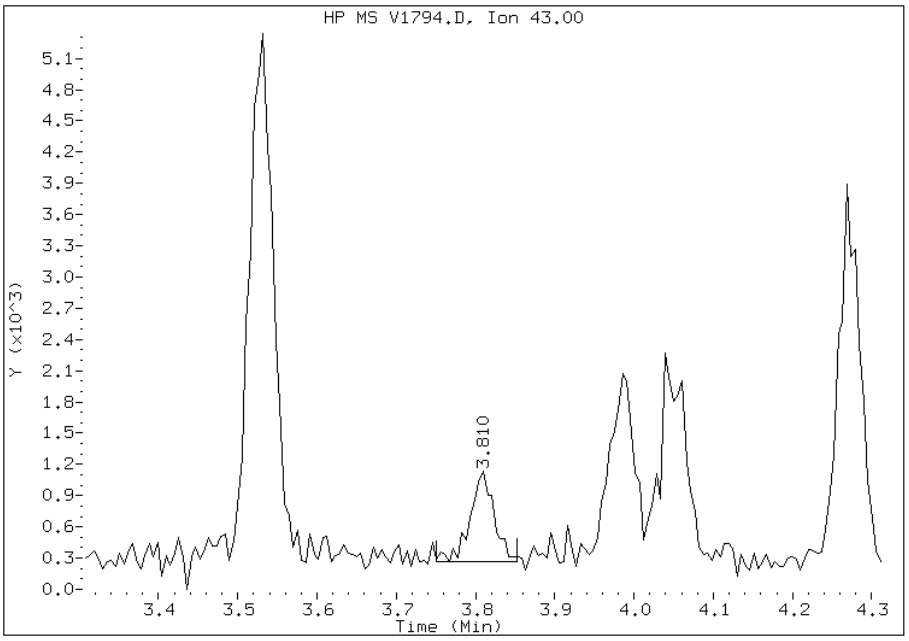
Manual Integration Results

RT: 3.81

Response: 1833

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason:

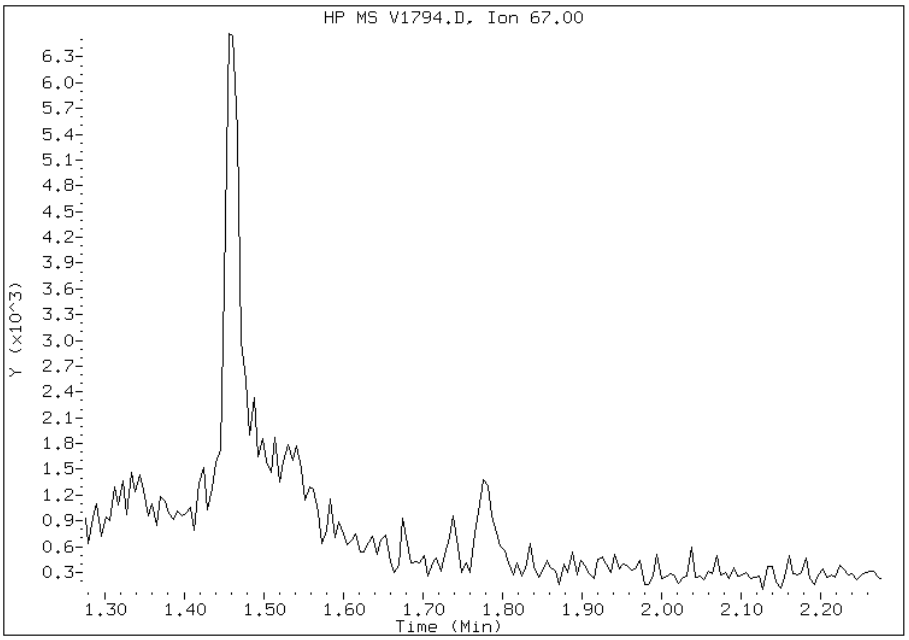
Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 12 Freon 123
CAS #: 306-83-2
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 1.78



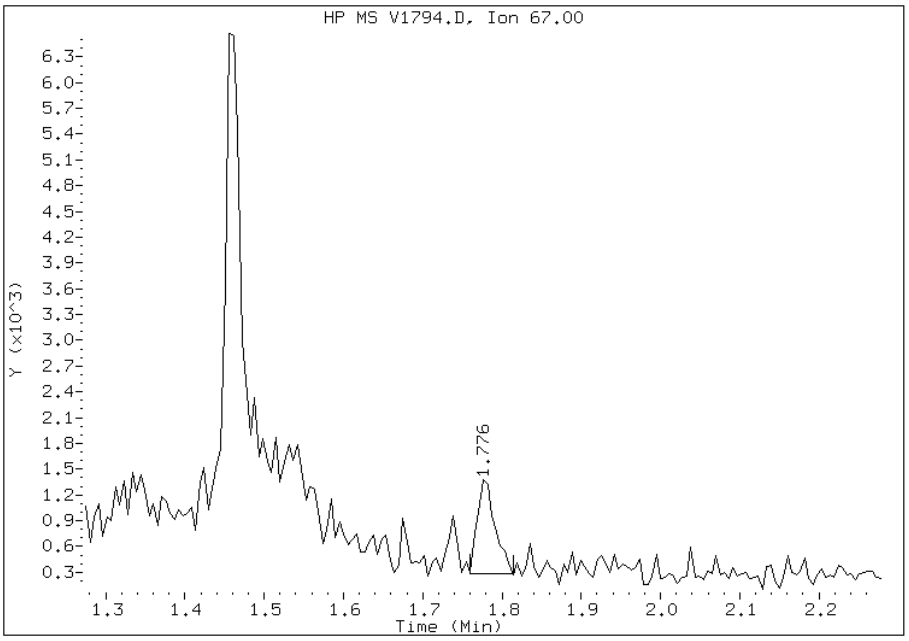
Manual Integration Results

RT: 1.78

Response: 1686

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/19/2009

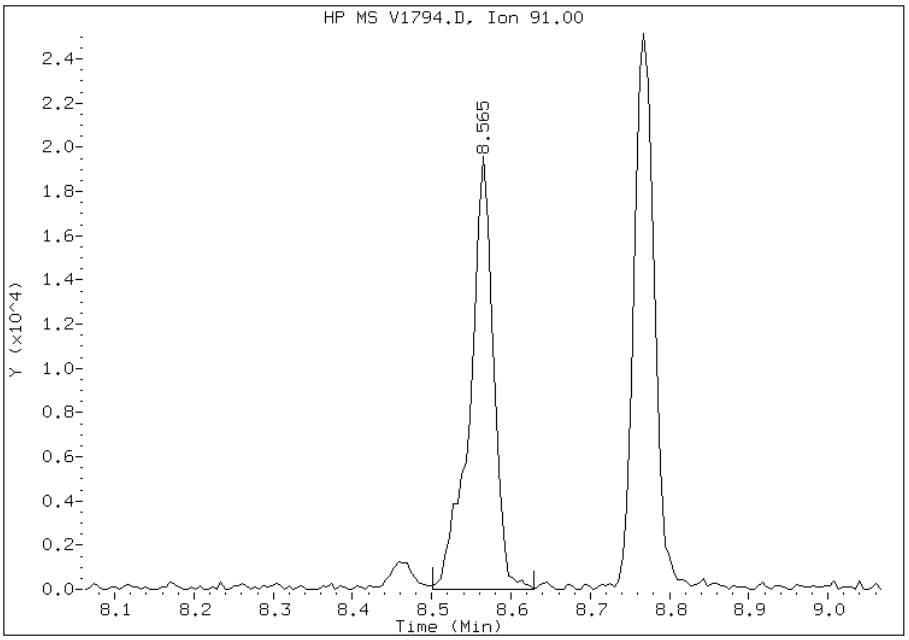
Processing Integration Results

RT: 8.56

Response: 39903

Amount: 2

Conc: 2



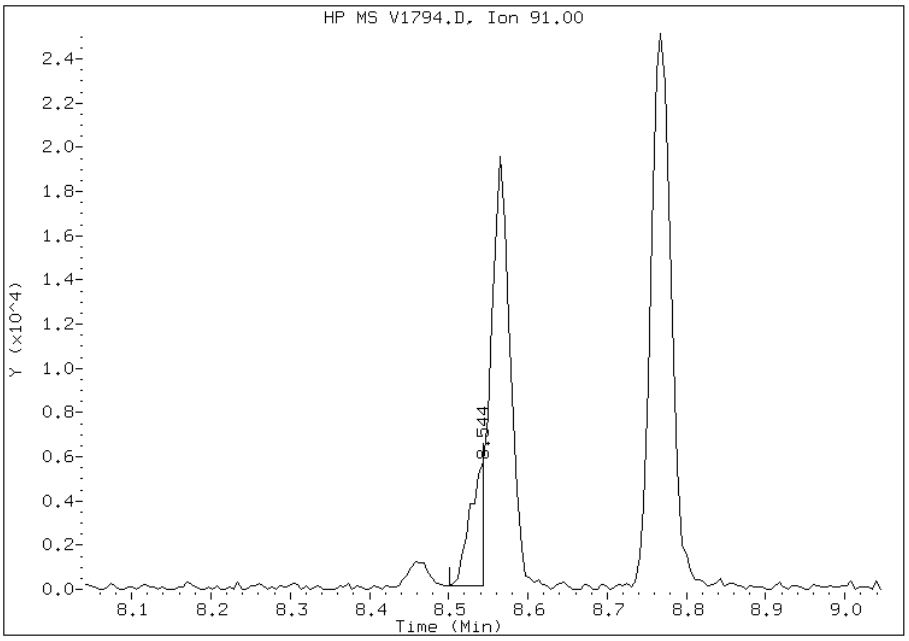
Manual Integration Results

RT: 8.54

Response: 7047

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1794.D
Inj. Date and Time: 17-FEB-2009 16:12
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/19/2009

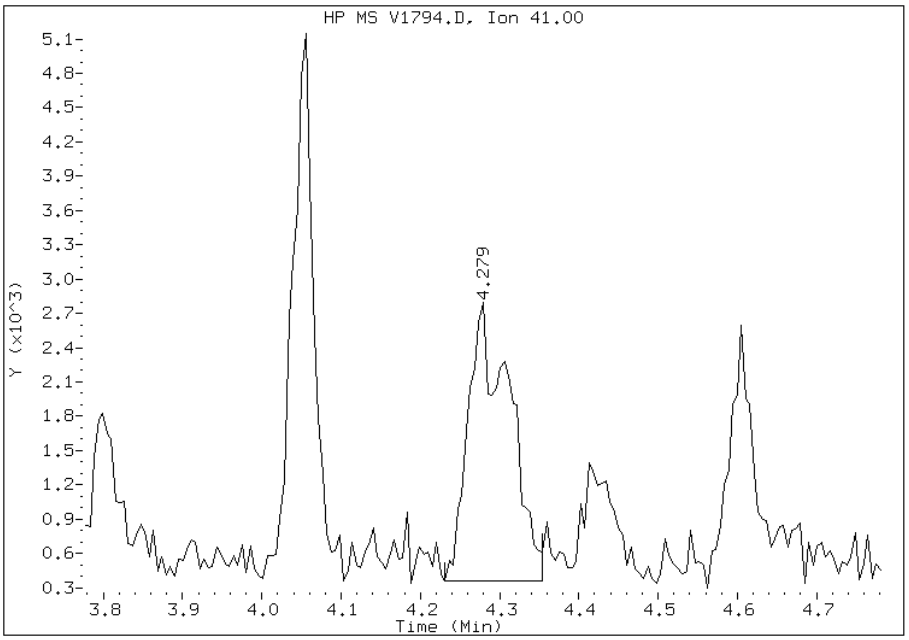
Processing Integration Results

RT: 4.28

Response: 8862

Amount: 1

Conc: 1



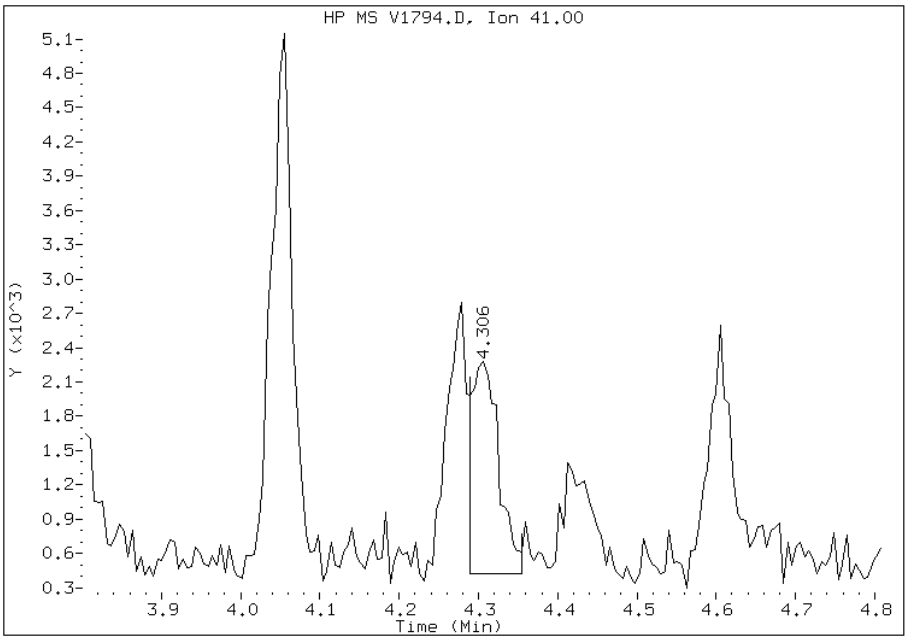
Manual Integration Results

RT: 4.31

Response: 4459

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V1795.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 17-FEB-2009 16:39 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;2
Misc Info : : ;;; ; 8260 ;1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V8260LOW.m
Meth Date : 19-Feb-2009 08:14 msv.i Quant Type: ISTD
Cal Date : 17-FEB-2009 16:12 Cal File: V1794.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.722	4.722	(1.000)	1595289	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	10274	2.00000	1(M)
3	Chloromethane	50	1.093	1.093	(0.232)	21065	2.00000	1(M)
4	Vinyl Chloride	62	1.093	1.093	(0.232)	22398	2.00000	2
5	Bromomethane	94	1.274	1.274	(0.270)	6527	2.00000	2
6	Chloroethane	64	1.349	1.349	(0.286)	13215	2.00000	2(M)
7	Trichlorofluoromethane	101	1.429	1.429	(0.303)	31916	2.00000	2
8	Dichlorofluoromethane	67	1.461	1.461	(0.309)	41491	2.00000	2
9	Ethyl Ether	45	1.616	1.616	(0.342)	16931	2.00000	2
10	Ethanol	45	1.669	1.669	(0.354)	8585	20.0000	16
11	Freon 141	81	1.669	1.669	(0.354)	35907	2.00000	2
12	Freon 123	67	1.781	1.781	(0.377)	5715	2.00000	2
13	Trichlorotrifluoroethane	101	1.771	1.771	(0.375)	23294	2.00000	2
14	1,1-Dichloroethene	96	1.739	1.739	(0.368)	21321	2.00000	2
15	Carbon Disulfide	76	1.755	1.755	(0.372)	68384	2.00000	2
16	Iodomethane	142	1.829	1.829	(0.387)	13355	2.00000	2
17	Acrolein	56	1.968	1.968	(0.417)	22257	10.0000	13
18	2-Propanol	45	2.096	2.096	(0.444)	3736	2.00000	2
19	3-Chloro-1-Propene	41	2.064	2.064	(0.437)	36825	2.00000	2
20	Methylene Chloride	84	2.139	2.139	(0.453)	33759	2.00000	0.0
21	Acetone	43	2.181	2.181	(0.462)	15227	2.00000	0.0(M)
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.480)	26687	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	111043	2.00000	2
	24 Methyl tert-Butyl Ether	73	2.363	2.363	(0.500)	77623	2.00000	2
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	16070	10.0000	7
	26 Acetonitrile	41	2.555	2.555	(0.541)	34306	20.0000	19
	27 Isopropyl ether	45	2.704	2.704	(0.573)	83032	2.00000	2
	28 tert-Butyl ethyl ether	59	3.073	3.073	(0.651)	76539	2.00000	2
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.587)	20389	2.00000	2
	30 Acrylonitrile	53	2.843	2.843	(0.602)	18711	4.00000	4
	31 1,1-Dichloroethane	63	2.795	2.795	(0.592)	45330	2.00000	2
	32 Vinyl Acetate	43	3.073	3.073	(0.651)	52090	2.00000	2
	33 cis-1,2-Dichloroethene	96	3.345	3.345	(0.708)	30173	2.00000	2
	34 2,2-Dichloropropane	77	3.452	3.452	(0.731)	21931	2.00000	2
	35 Bromochloromethane	128	3.542	3.542	(0.750)	15081	2.00000	2
	36 1-Bromopropane	43	3.532	3.532	(0.748)	40214	2.00000	2
	37 Cyclohexane	84	3.542	3.542	(0.750)	36189	2.00000	2
	38 Chloroform	83	3.649	3.649	(0.773)	45685	2.00000	2
	39 Ethyl Acetate	43	3.804	3.804	(0.806)	5638	4.00000	3(M)
	40 Methyl Acrylate	55	3.809	3.809	(0.807)	21971	2.00000	2
$	41 Dibromofluoromethane	111	3.841	3.841	(0.814)	27052	2.00000	2
	42 Tetrahydrofuran	42	3.799	3.799	(0.804)	19498	4.00000	4
	43 Carbon Tetrachloride	117	3.772	3.772	(0.799)	28660	2.00000	2
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	36395	2.00000	2
	45 2-Butanone	43	3.980	3.980	(0.843)	12019	2.00000	0.0
	46 1,1-Dichloropropene	75	3.985	3.985	(0.844)	33464	2.00000	2
	47 tert-Amyl methyl ether	73	4.428	4.428	(0.938)	69951	2.00000	2
	48 tert-Butyl formate	57	4.604	4.604	(0.975)	2353	2.00000	1
	49 1-Chlorobutane	56	4.049	4.049	(0.858)	51371	2.00000	2
	50 Heptane	43	4.274	4.274	(0.905)	23987	2.00000	2
	51 Propionitrile	54	4.284	4.284	(0.907)	40394	20.0000	19
	52 Benzene	78	4.247	4.247	(0.899)	105166	2.00000	2
	53 2-Methyl-2-Propenenitrile	41	4.311	4.311	(0.913)	19090	2.00000	2(H)
	54 Isobutyl alcohol	42	4.434	4.434	(0.939)	4249	20.0000	19
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.931)	29356	2.00000	2
	56 1,2-Dichloroethane	62	4.471	4.471	(0.947)	32949	2.00000	2(H)
	59 Methyl Cyclohexane	83	4.893	4.893	(1.036)	34931	2.00000	2
	60 Trichloroethene	130	4.909	4.909	(1.040)	29759	2.00000	2
	61 Isopropyl Acetate	43	4.887	4.887	(1.035)	2715	4.00000	6(TM)
	62 n-Butanol	56	5.421	5.421	(1.148)	5649	20.0000	16
	63 Dibromomethane	93	5.368	5.368	(1.137)	15478	2.00000	2
	64 1,2-Dichloropropane	63	5.490	5.490	(1.163)	27453	2.00000	2(T)
	65 Bromodichloromethane	83	5.592	5.592	(1.184)	32993	2.00000	2
	66 Methyl Methacrylate	69	5.848	5.848	(1.238)	19917	2.00000	2
	67 1,4-Dioxane	58	5.848	5.848	(1.238)	1799	20.0000	17(M)
	68 n-Propyl Acetate	43	6.328	6.328	(1.340)	5886	4.00000	4(M)
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.339)	8730	2.00000	2
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.344)	37867	2.00000	2
	71 Chloroacetonitrile	48	6.830	6.830	(1.446)	7691	20.0000	22
	72 2-Nitropropane	41	6.899	6.899	(1.461)	13702	4.00000	4
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.515)	34204	2.00000	2
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.554)	23478	2.00000	2
*	75 Chlorobenzene-d5	117	8.463	8.463	(1.000)	1209684	25.0000	
	76 Toluene	91	6.622	6.622	(0.782)	110304	2.00000	2
$	77 Toluene-d8	98	6.563	6.563	(0.776)	96027	2.00000	2
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	59207	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.129	7.129	(0.842)	21262	2.00000	2
80	Tetrachloroethene	164	7.075	7.075	(0.836)	23309	2.00000	2
81	Ethyl Methacrylate	69	7.433	7.433	(0.878)	24968	2.00000	2
82	Dibromochloromethane	129	7.534	7.534	(0.890)	26318	2.00000	2
83	1,3-Dichloropropane	76	7.657	7.657	(0.905)	42204	2.00000	2
84	1,2-Dibromoethane	107	7.775	7.775	(0.919)	23840	2.00000	2
85	n-Butyl Acetate	56	8.532	8.532	(1.008)	12287	2.00000	2(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	16050	2.00000	3
87	1-Chlorohexane	91	8.543	8.543	(1.009)	28538	2.00000	2(M)
88	Chlorobenzene	112	8.484	8.484	(1.003)	74873	2.00000	2
89	1,1,1,2-Tetrachloroethane	131	8.591	8.591	(1.015)	24657	2.00000	2
90	Ethylbenzene	106	8.564	8.564	(1.012)	37944	2.00000	2
91	Xylene (total)mp	106	8.767	8.767	(1.036)	89405	4.00000	4
92	Xylene (total)o	106	9.301	9.301	(1.099)	44435	2.00000	2
93	Styrene	104	9.365	9.365	(1.107)	66286	2.00000	2
94	Bromoform	173	9.349	9.349	(1.105)	17796	2.00000	2
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	648231	25.0000	
96	Isopropylbenzene	105	9.674	9.674	(0.883)	93563	2.00000	2
97	Bromobenzene	156	10.011	10.011	(0.914)	32327	2.00000	2
98	1,1,2,2-Tetrachloroethane	83	10.181	10.181	(0.929)	28848	2.00000	2
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	95260	2.00000	2
100	1,2,3-Trichloropropane	110	10.278	10.278	(0.938)	9372	2.00000	2
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	13559	4.00000	4
102	n-Propylbenzene	91	10.101	10.101	(0.922)	106248	2.00000	2
103	2-Chlorotoluene	91	10.214	10.214	(0.932)	79603	2.00000	2
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	74952	2.00000	2
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	76490	2.00000	2
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	64364	2.00000	2
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	77034	2.00000	2
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	87998	2.00000	2
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	76083	2.00000	2
110	1,3-Dichlorobenzene	146	10.886	10.886	(0.994)	54228	2.00000	2
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	57669	2.00000	2
112	1,2-Dichlorobenzene	146	11.308	11.308	(1.032)	56570	2.00000	2
113	Benzyl Chloride	126	11.190	11.190	(1.021)	12900	2.00000	2
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	39635	2.00000	2
115	n-Butylbenzene	91	11.222	11.222	(1.024)	66163	2.00000	2
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	73280	2.00000	2
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	5577	2.00000	2
120	Nitrobenzene	77	12.332	12.332	(1.126)	21146	20.0000	17
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	40322	2.00000	2
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	18057	2.00000	1
123	Naphthalene	128	12.652	12.652	(1.155)	108743	2.00000	2
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	41043	2.00000	2
$ 125	Bromofluorobenzene	95	9.936	9.936	(0.907)	33287	2.00000	2
M 126	1,2-Dichloroethene (total)	100				56860	4.00000	3
M 127	Xylene (total)	100				133840	6.00000	6

QC Flag Legend

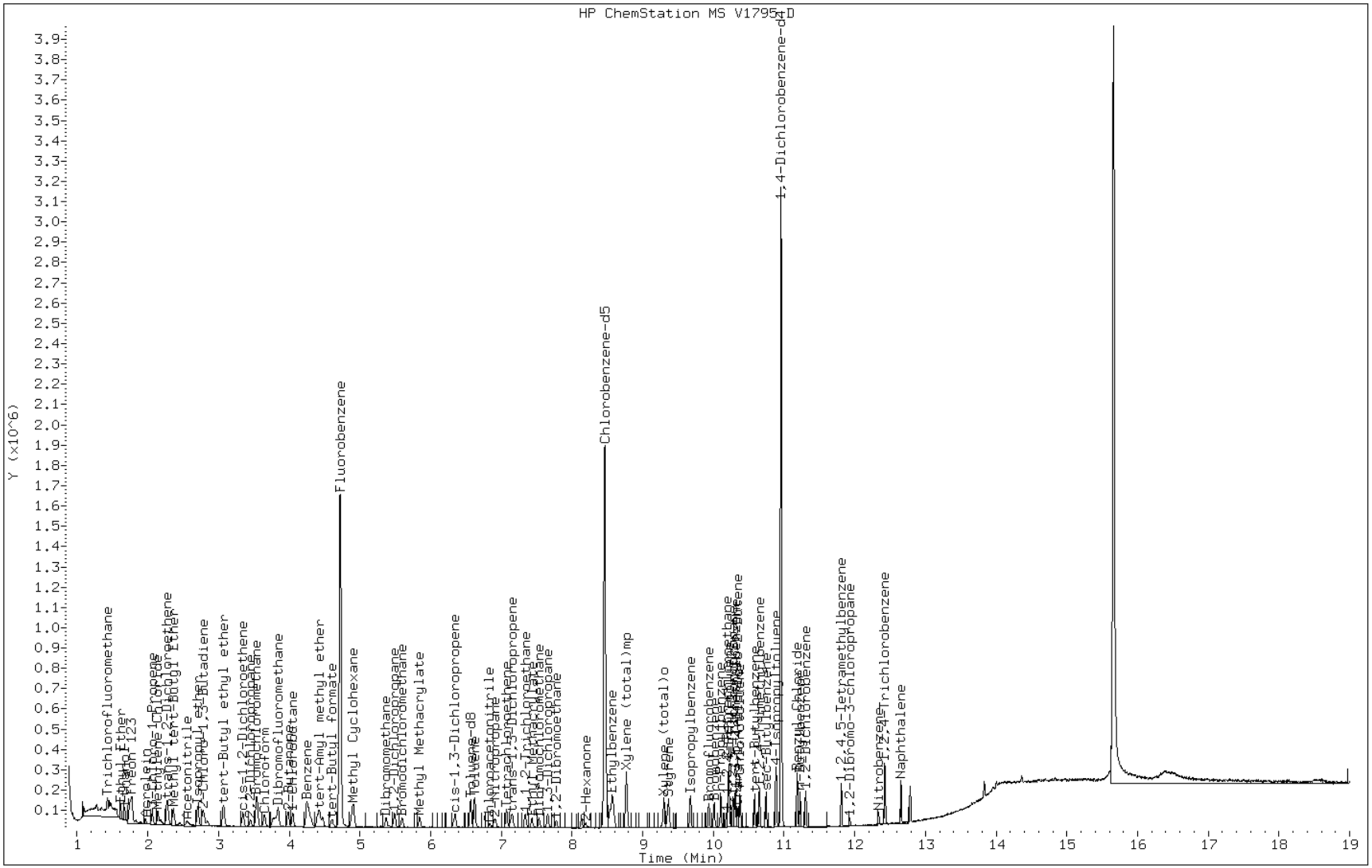
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1795.D

Date: 17-FEB-2009 16:39

Client ID: IC;2 Instrument: msv.i

Sample Info: IC;2 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 02/19/2009

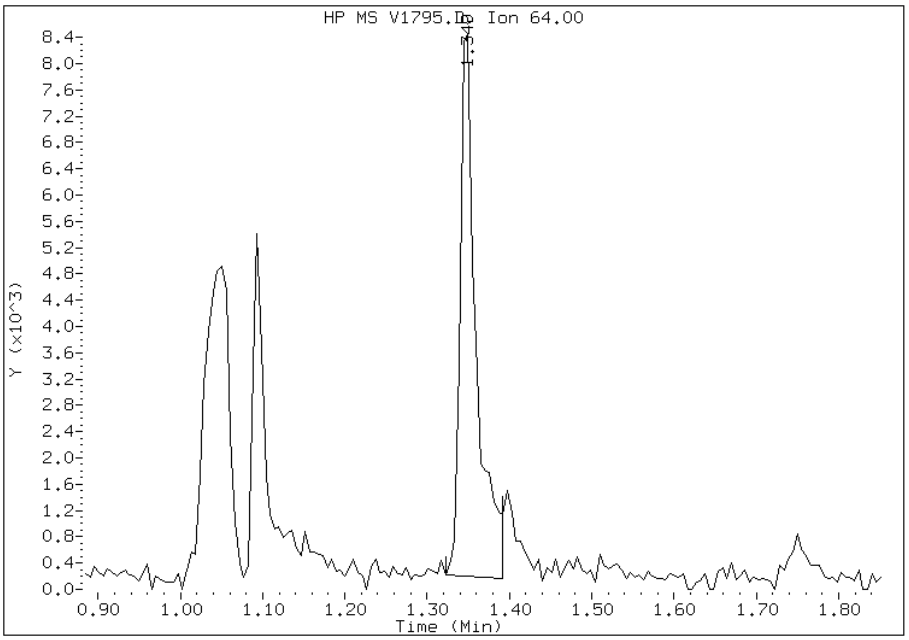
Processing Integration Results

RT: 1.35

Response: 11666

Amount: 2

Conc: 2



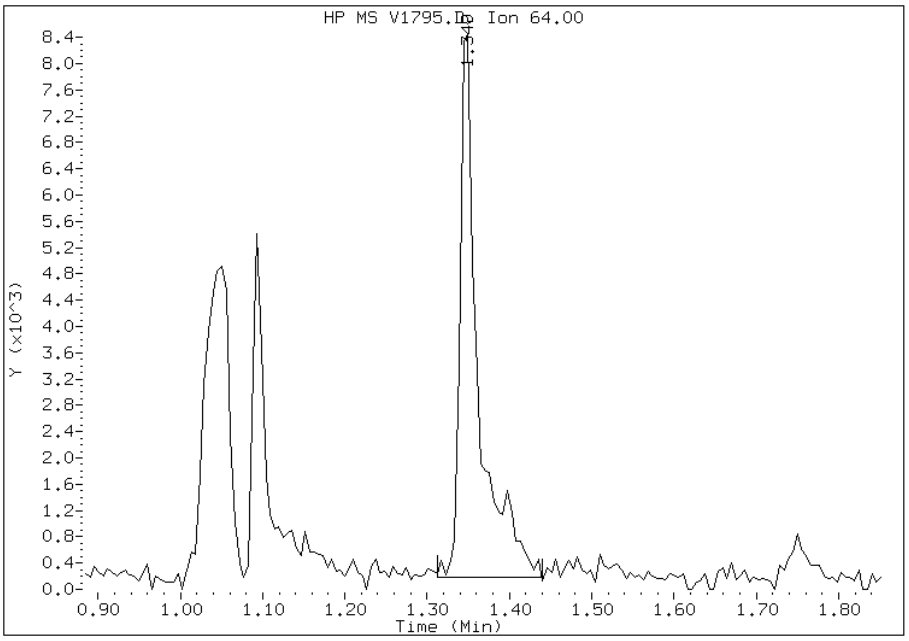
Manual Integration Results

RT: 1.35

Response: 13215

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

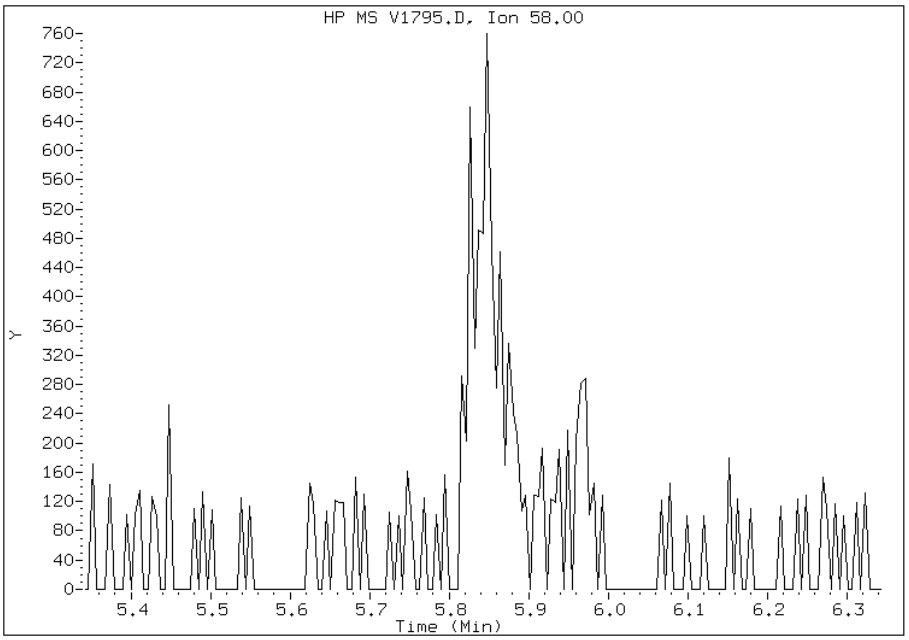
Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 5.84



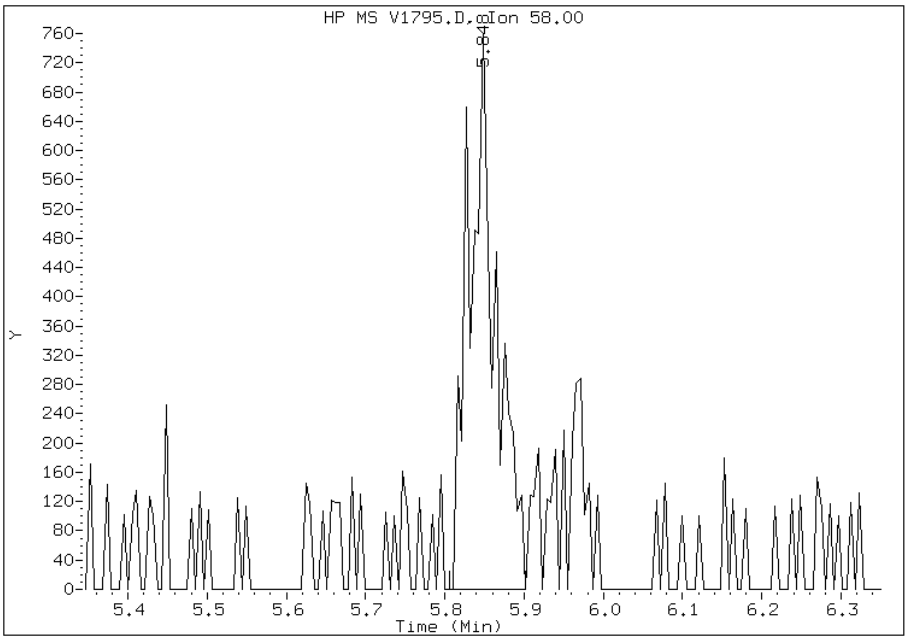
Manual Integration Results

RT: 5.85

Response: 1799

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/19/2009

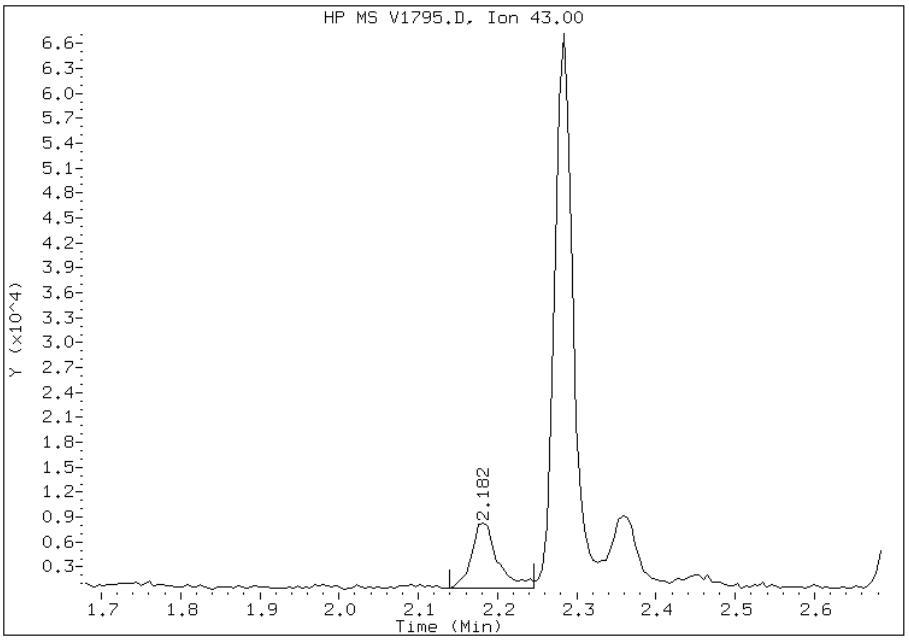
Processing Integration Results

RT: 2.18

Response: 18256

Amount: 2

Conc: 2



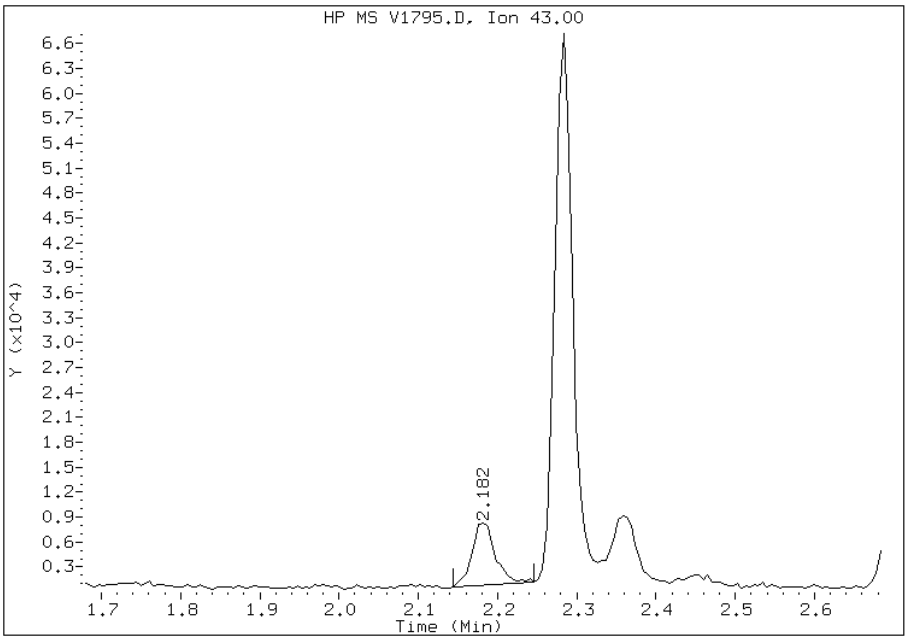
Manual Integration Results

RT: 2.18

Response: 15227

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 02/19/2009

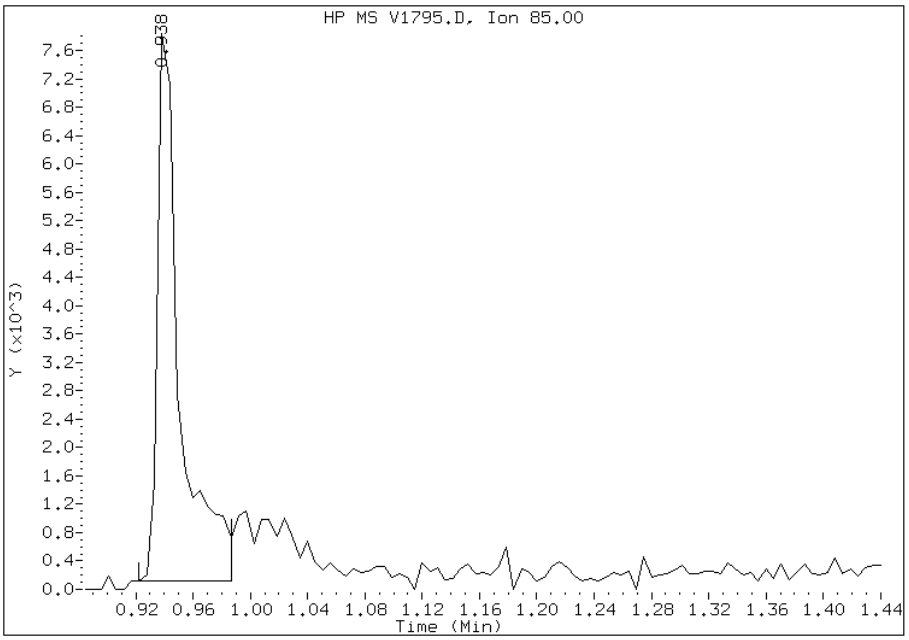
Processing Integration Results

RT: 0.94

Response: 8399

Amount: 2

Conc: 2



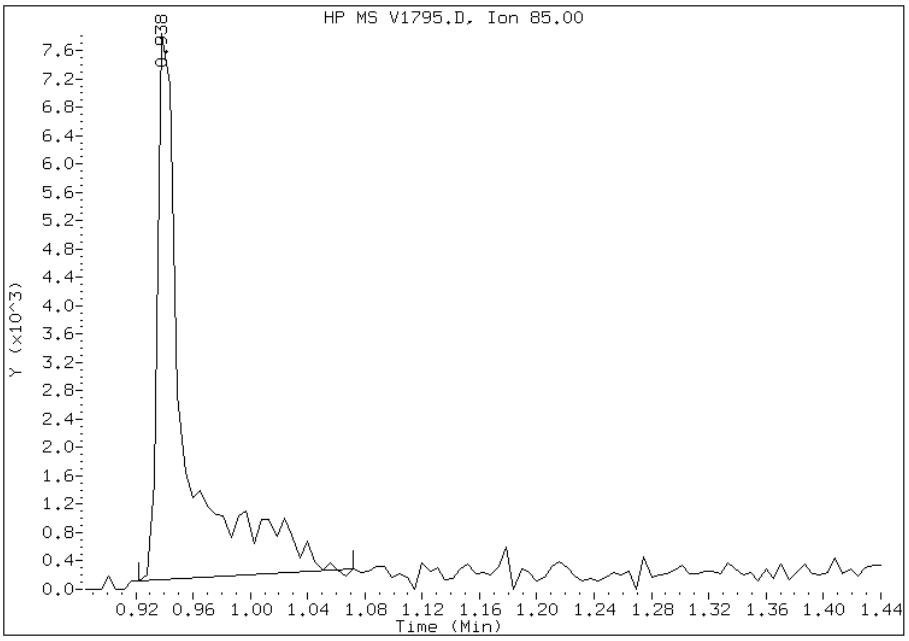
Manual Integration Results

RT: 0.94

Response: 10274

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/19/2009

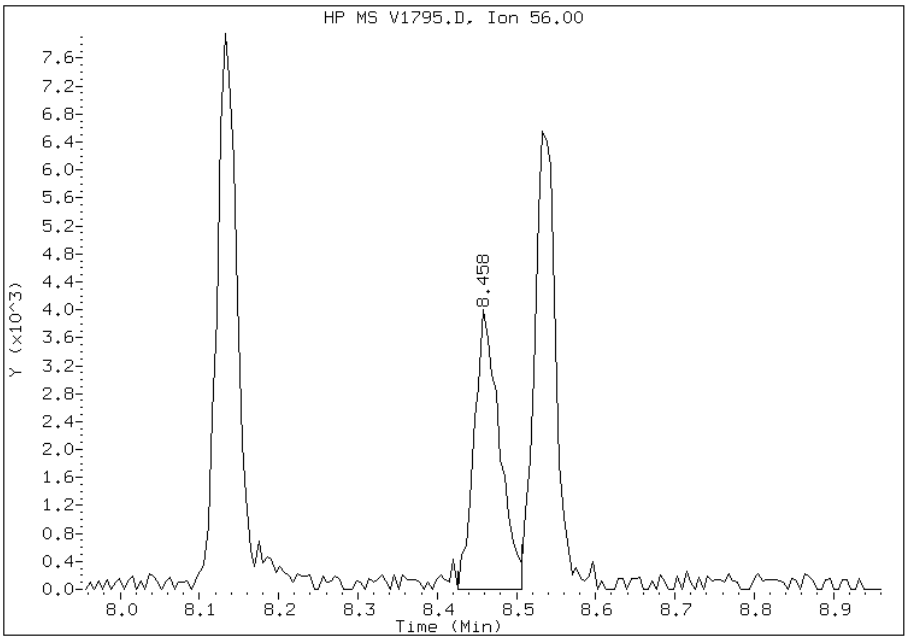
Processing Integration Results

RT: 8.46

Response: 8760

Amount: 2

Conc: 2



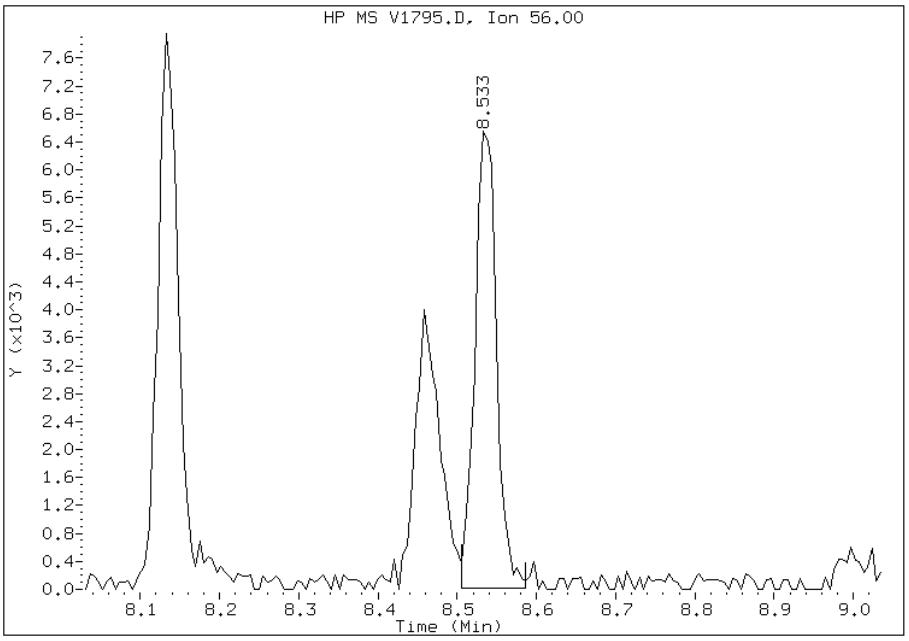
Manual Integration Results

RT: 8.53

Response: 12287

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/19/2009

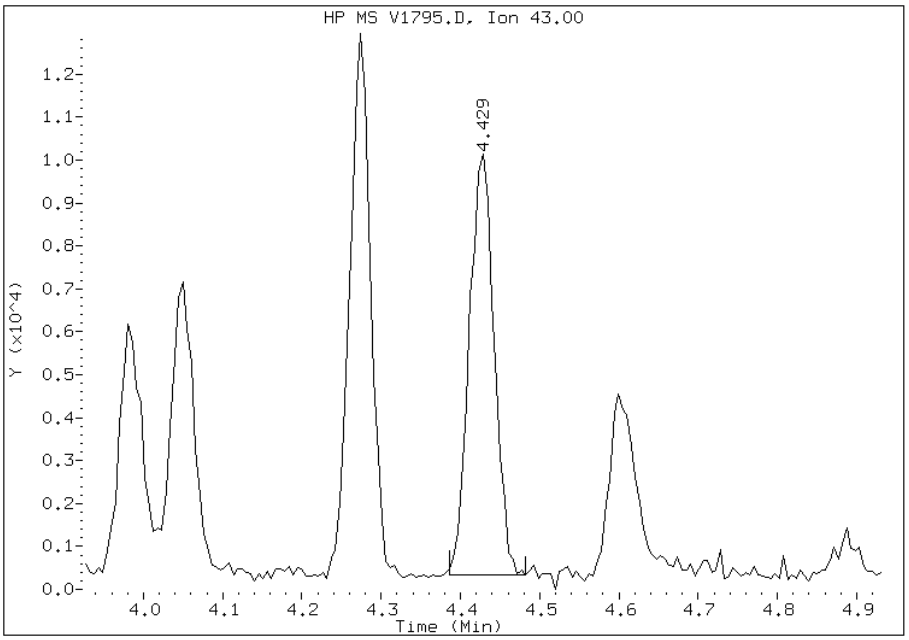
Processing Integration Results

RT: 4.43

Response: 21166

Amount: 4

Conc: 4



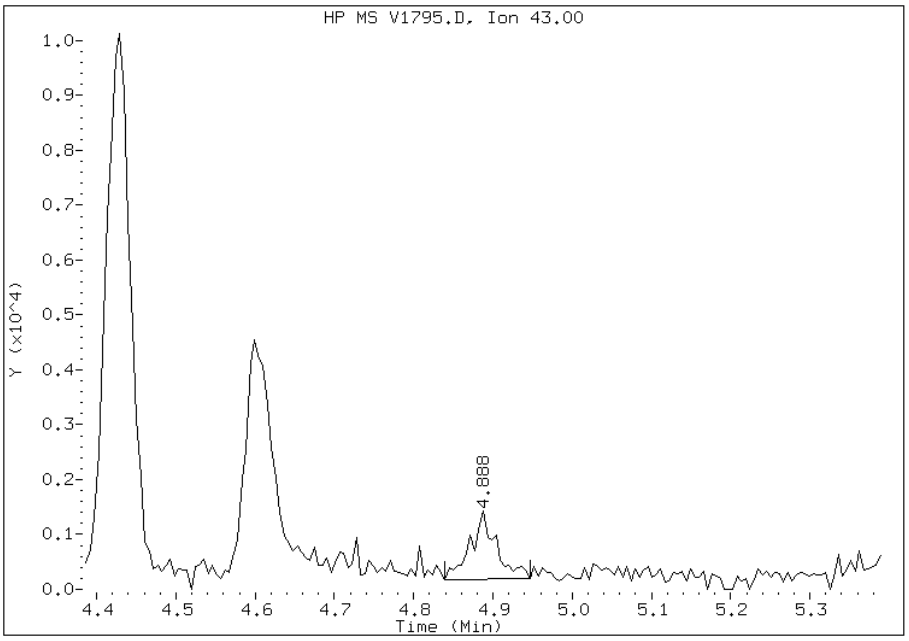
Manual Integration Results

RT: 4.89

Response: 2715

Amount: 6

Conc: 6



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/19/2009

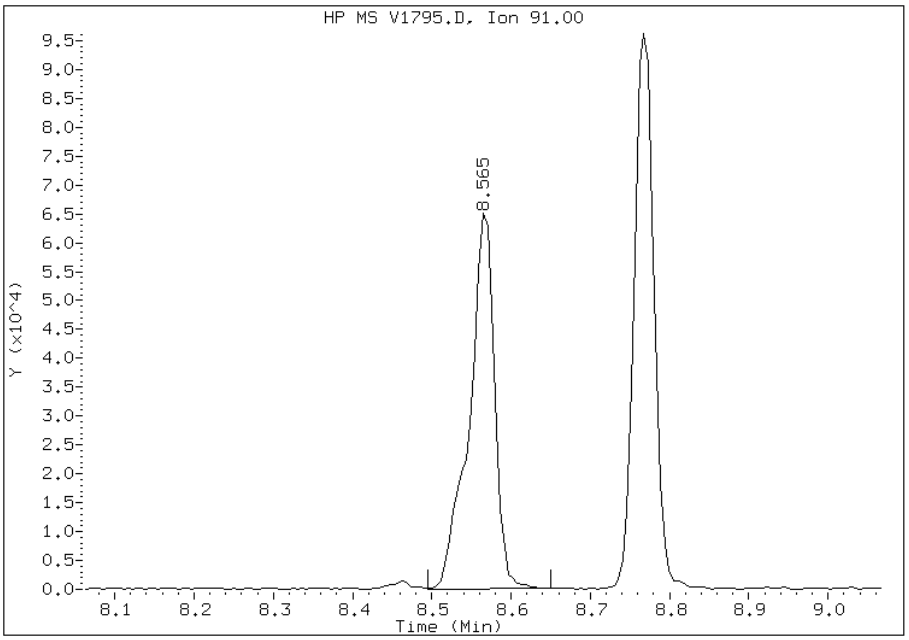
Processing Integration Results

RT: 8.56

Response: 142965

Amount: 2

Conc: 2



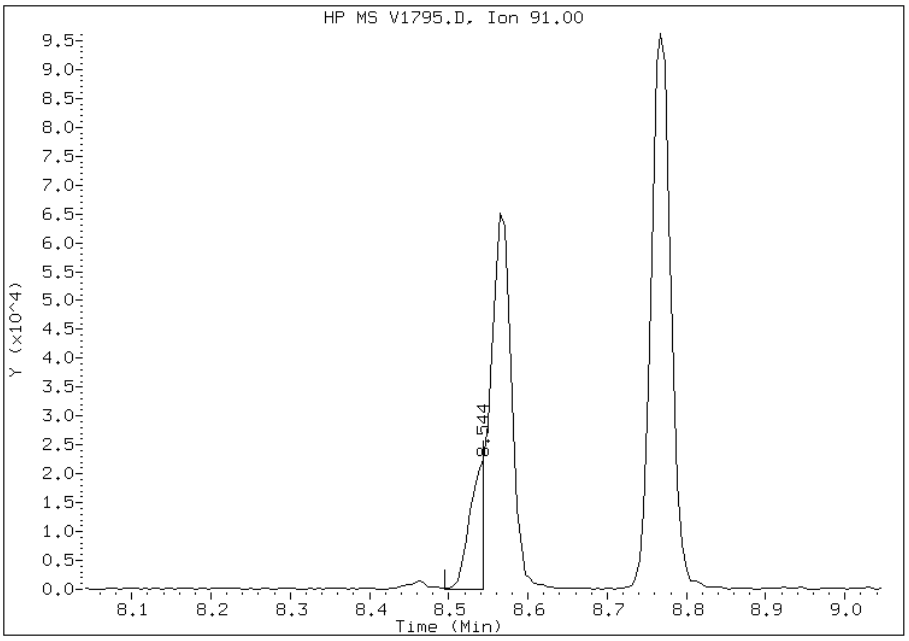
Manual Integration Results

RT: 8.54

Response: 28538

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 02/19/2009

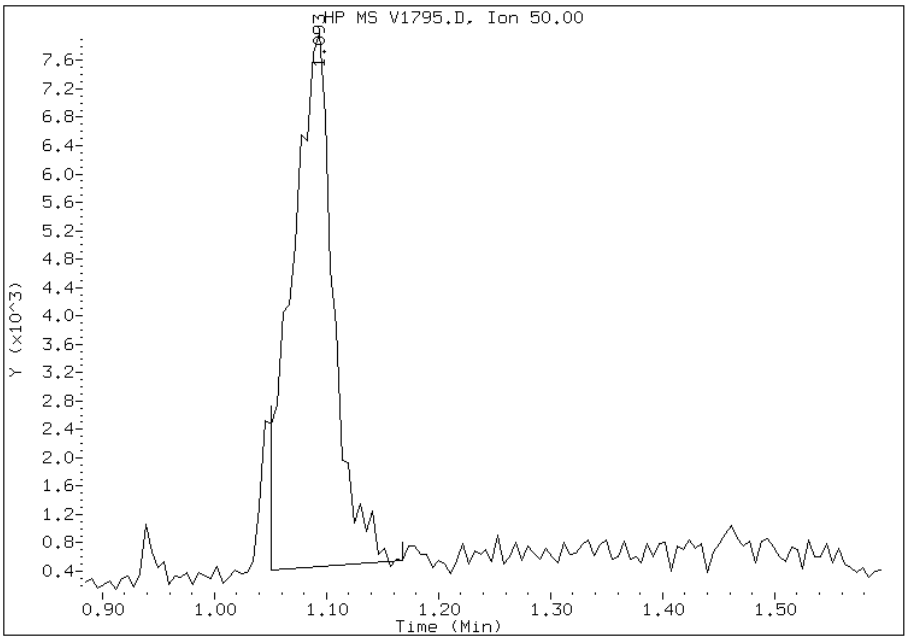
Processing Integration Results

RT: 1.09

Response: 20129

Amount: 2

Conc: 2



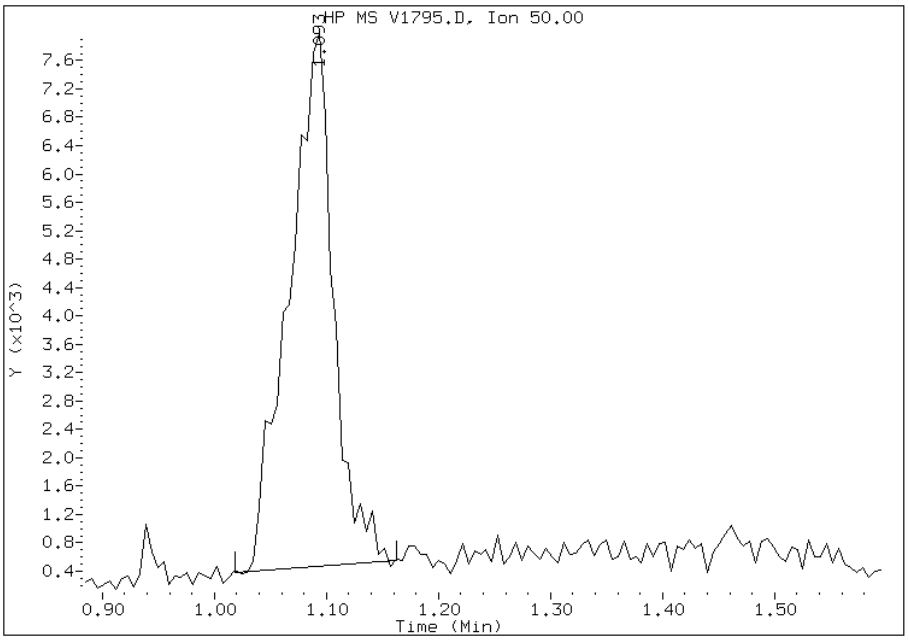
Manual Integration Results

RT: 1.09

Response: 21065

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/19/2009

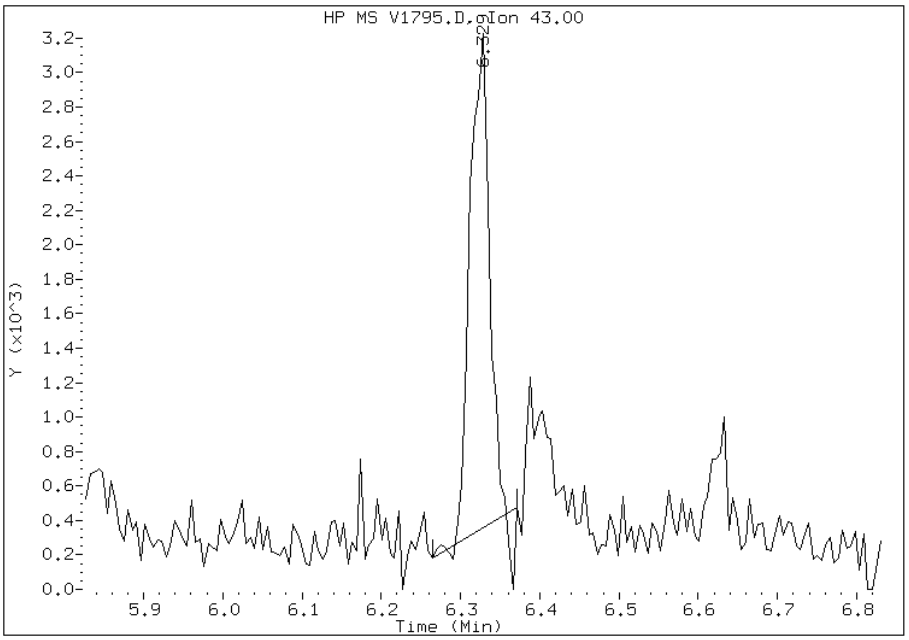
Processing Integration Results

RT: 6.33

Response: 4650

Amount: 4

Conc: 4



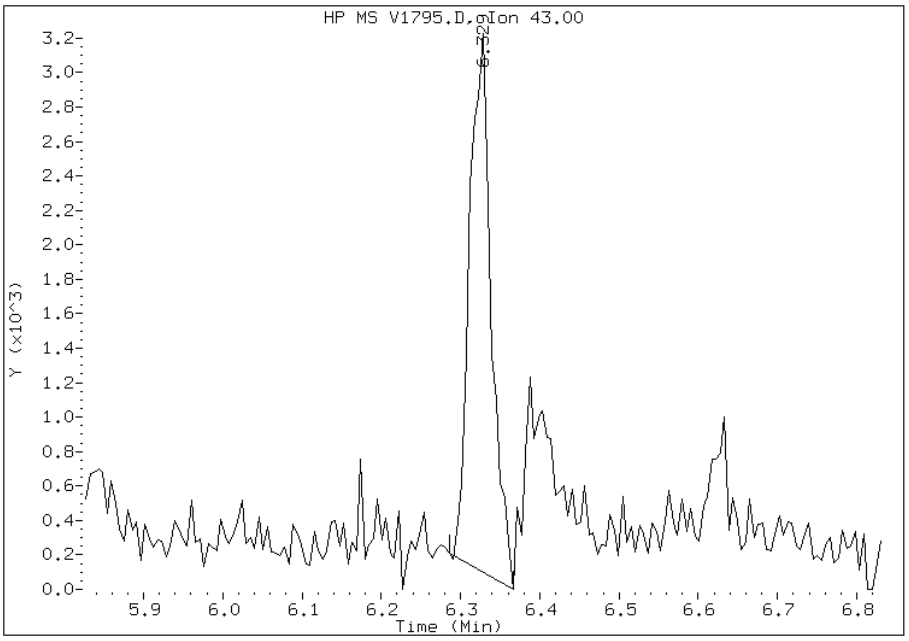
Manual Integration Results

RT: 6.33

Response: 5886

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

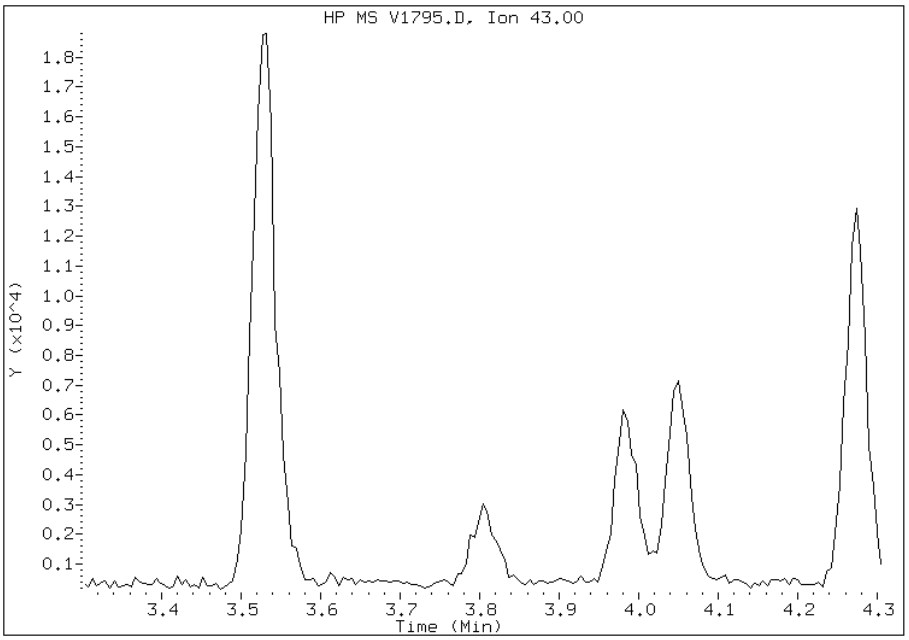
Manual Integration Report

Data File: V1795.D
Inj. Date and Time: 17-FEB-2009 16:39
Instrument ID: msv.i
Client ID: IC;2
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 02/19/2009

Processing Integration Results

Not Detected

Expected RT: 3.80



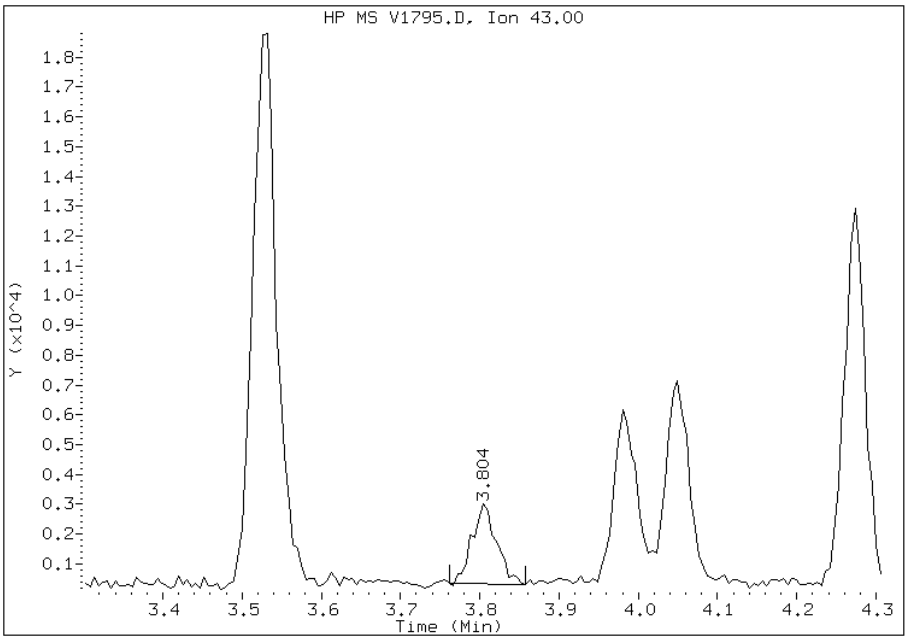
Manual Integration Results

RT: 3.80

Response: 5638

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V1796.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 17-FEB-2009 17:05 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ;1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V8260LOW.m
Meth Date : 19-Feb-2009 08:14 msv.i Quant Type: ISTD
Cal Date : 17-FEB-2009 16:39 Cal File: V1795.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.722	4.722	(1.000)	1529087	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	26407	5.00000	4(M)
3	Chloromethane	50	1.082	1.082	(0.229)	45939	5.00000	5
4	Vinyl Chloride	62	1.093	1.093	(0.231)	51362	5.00000	4
5	Bromomethane	94	1.274	1.274	(0.270)	19590	5.00000	5
6	Chloroethane	64	1.343	1.343	(0.285)	29699	5.00000	5
7	Trichlorofluoromethane	101	1.429	1.429	(0.303)	71763	5.00000	5(M)
8	Dichlorofluoromethane	67	1.461	1.461	(0.309)	91676	5.00000	5
9	Ethyl Ether	45	1.616	1.616	(0.342)	39653	5.00000	4
10	Ethanol	45	1.669	1.669	(0.354)	20516	50.0000	53
11	Freon 141	81	1.669	1.669	(0.354)	83377	5.00000	5
12	Freon 123	67	1.776	1.776	(0.376)	12044	5.00000	4
13	Trichlorotrifluoroethane	101	1.770	1.770	(0.375)	51455	5.00000	4
14	1,1-Dichloroethene	96	1.738	1.738	(0.368)	48651	5.00000	4
15	Carbon Disulfide	76	1.754	1.754	(0.372)	159880	5.00000	4
16	Iodomethane	142	1.829	1.829	(0.387)	37290	5.00000	6
17	Acrolein	56	1.962	1.962	(0.416)	50457	25.0000	27
18	2-Propanol	45	2.096	2.096	(0.444)	6340	5.00000	4(M)
19	3-Chloro-1-Propene	41	2.064	2.064	(0.437)	82074	5.00000	4
20	Methylene Chloride	84	2.144	2.144	(0.454)	66166	5.00000	4
21	Acetone	43	2.181	2.181	(0.462)	36495	5.00000	5(M)
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.480)	60907	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	257975	5.00000	5
	24 Methyl tert-Butyl Ether	73	2.363	2.363	(0.500)	186724	5.00000	5
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	32163	25.0000	23
	26 Acetonitrile	41	2.555	2.555	(0.541)	90113	50.0000	53
	27 Isopropyl ether	45	2.704	2.704	(0.573)	193204	5.00000	5
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	181564	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.779	2.779	(0.589)	46491	5.00000	5
	30 Acrylonitrile	53	2.843	2.843	(0.602)	46107	10.0000	10
	31 1,1-Dichloroethane	63	2.795	2.795	(0.592)	103719	5.00000	4
	32 Vinyl Acetate	43	3.073	3.073	(0.651)	117105	5.00000	5
	33 cis-1,2-Dichloroethene	96	3.345	3.345	(0.708)	68348	5.00000	4
	34 2,2-Dichloropropane	77	3.451	3.451	(0.731)	51014	5.00000	5
	35 Bromochloromethane	128	3.548	3.548	(0.751)	35670	5.00000	5
	36 1-Bromopropane	43	3.532	3.532	(0.748)	91965	5.00000	4
	37 Cyclohexane	84	3.542	3.542	(0.750)	82358	5.00000	4
	38 Chloroform	83	3.649	3.649	(0.773)	104862	5.00000	4
	39 Ethyl Acetate	43	3.804	3.804	(0.806)	14157	10.0000	9
	40 Methyl Acrylate	55	3.809	3.809	(0.807)	53073	5.00000	5
$	41 Dibromofluoromethane	111	3.841	3.841	(0.814)	61295	5.00000	5
	42 Tetrahydrofuran	42	3.798	3.798	(0.804)	44381	10.0000	9
	43 Carbon Tetrachloride	117	3.766	3.766	(0.798)	65665	5.00000	5
	44 1,1,1-Trichloroethane	97	3.846	3.846	(0.815)	82801	5.00000	4
	45 2-Butanone	43	3.985	3.985	(0.844)	25253	5.00000	4
	46 1,1-Dichloropropene	75	3.985	3.985	(0.844)	78076	5.00000	4
	47 tert-Amyl methyl ether	73	4.428	4.428	(0.938)	168888	5.00000	5
	48 tert-Butyl formate	57	4.604	4.604	(0.975)	5406	5.00000	5
	49 1-Chlorobutane	56	4.049	4.049	(0.858)	118450	5.00000	4
	50 Heptane	43	4.273	4.273	(0.905)	51287	5.00000	4
	51 Propionitrile	54	4.284	4.284	(0.907)	99829	50.0000	51
	52 Benzene	78	4.247	4.247	(0.899)	245880	5.00000	4
	53 2-Methyl-2-Propenenitrile	41	4.311	4.311	(0.913)	45263	5.00000	5(M)
	54 Isobutyl alcohol	42	4.423	4.423	(0.937)	8499	50.0000	42
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.931)	65816	5.00000	5
	56 1,2-Dichloroethane	62	4.471	4.471	(0.947)	79281	5.00000	5(H)
	59 Methyl Cyclohexane	83	4.887	4.887	(1.035)	77261	5.00000	4
	60 Trichloroethene	130	4.914	4.914	(1.041)	68915	5.00000	4
	61 Isopropyl Acetate	43	4.892	4.892	(1.036)	4455	10.0000	6
	62 n-Butanol	56	5.415	5.415	(1.147)	13968	50.0000	45
	63 Dibromomethane	93	5.367	5.367	(1.137)	38631	5.00000	5
	64 1,2-Dichloropropane	63	5.490	5.490	(1.163)	61335	5.00000	4
	65 Bromodichloromethane	83	5.592	5.592	(1.184)	77058	5.00000	5
	66 Methyl Methacrylate	69	5.842	5.842	(1.237)	45856	5.00000	4
	67 1,4-Dioxane	58	5.842	5.842	(1.237)	3753	50.0000	39
	68 n-Propyl Acetate	43	6.323	6.323	(1.339)	12977	10.0000	9
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.339)	18766	5.00000	4
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.344)	92629	5.00000	5
	71 Chloroacetonitrile	48	6.835	6.835	(1.448)	20306	50.0000	58
	72 2-Nitropropane	41	6.899	6.899	(1.461)	30328	10.0000	9
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.515)	82036	5.00000	5
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.554)	56073	5.00000	5
*	75 Chlorobenzene-d5	117	8.463	8.463	(1.000)	1155079	25.0000	
	76 Toluene	91	6.622	6.622	(0.782)	254247	5.00000	4
$	77 Toluene-d8	98	6.563	6.563	(0.776)	225775	5.00000	5
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.816)	141813	25.0000	26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.134	7.134	(0.843)	48414	5.00000	4
80	Tetrachloroethene	164	7.075	7.075	(0.836)	53309	5.00000	4
81	Ethyl Methacrylate	69	7.433	7.433	(0.878)	59582	5.00000	5
82	Dibromochloromethane	129	7.534	7.534	(0.890)	61910	5.00000	5
83	1,3-Dichloropropane	76	7.657	7.657	(0.905)	97152	5.00000	5
84	1,2-Dibromoethane	107	7.780	7.780	(0.919)	56275	5.00000	5
85	n-Butyl Acetate	56	8.538	8.538	(1.009)	27845	5.00000	4(M)
86	2-Hexanone	43	8.196	8.196	(0.968)	35775	5.00000	5
87	1-Chlorohexane	91	8.543	8.543	(1.009)	64230	5.00000	5(M)
88	Chlorobenzene	112	8.479	8.479	(1.002)	172336	5.00000	4
89	1,1,1,2-Tetrachloroethane	131	8.591	8.591	(1.015)	58955	5.00000	5
90	Ethylbenzene	106	8.564	8.564	(1.012)	88068	5.00000	5
91	Xylene (total)mp	106	8.767	8.767	(1.036)	214870	10.0000	10
92	Xylene (total)o	106	9.301	9.301	(1.099)	103498	5.00000	5
93	Styrene	104	9.365	9.365	(1.107)	163470	5.00000	5
94	Bromoform	173	9.343	9.343	(1.104)	42246	5.00000	5
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	615006	25.0000	
96	Isopropylbenzene	105	9.674	9.674	(0.883)	222597	5.00000	5
97	Bromobenzene	156	10.011	10.011	(0.914)	74909	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	10.181	10.181	(0.929)	65248	5.00000	5
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	228856	5.00000	5
100	1,2,3-Trichloropropane	110	10.277	10.277	(0.938)	22940	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	10.341	10.341	(0.944)	31714	10.0000	10
102	n-Propylbenzene	91	10.101	10.101	(0.922)	247799	5.00000	5
103	2-Chlorotoluene	91	10.213	10.213	(0.932)	189192	5.00000	5
104	4-Chlorotoluene	91	10.373	10.373	(0.947)	175703	5.00000	5
105	1,3,5-Trimethylbenzene	105	10.309	10.309	(0.941)	183348	5.00000	5
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	156162	5.00000	5
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	185079	5.00000	5
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	209399	5.00000	5
109	4-Isopropyltoluene	119	10.880	10.880	(0.993)	181363	5.00000	5
110	1,3-Dichlorobenzene	146	10.891	10.891	(0.994)	131187	5.00000	5
111	1,4-Dichlorobenzene	146	10.971	10.971	(1.001)	137145	5.00000	5
112	1,2-Dichlorobenzene	146	11.307	11.307	(1.032)	129965	5.00000	5
113	Benzyl Chloride	126	11.185	11.185	(1.021)	29317	5.00000	5
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	99395	5.00000	5
115	n-Butylbenzene	91	11.227	11.227	(1.025)	156271	5.00000	5
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	175019	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	11.926	11.926	(1.089)	13224	5.00000	4
120	Nitrobenzene	77	12.332	12.332	(1.126)	49068	50.0000	51
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	96549	5.00000	5
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	40688	5.00000	3
123	Naphthalene	128	12.652	12.652	(1.155)	253714	5.00000	5
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	93157	5.00000	4
$ 125	Bromofluorobenzene	95	9.930	9.930	(0.906)	74632	5.00000	4
M 126	1,2-Dichloroethene (total)	100				129255	10.0000	9
M 127	Xylene (total)	100				318368	15.0000	14

QC Flag Legend

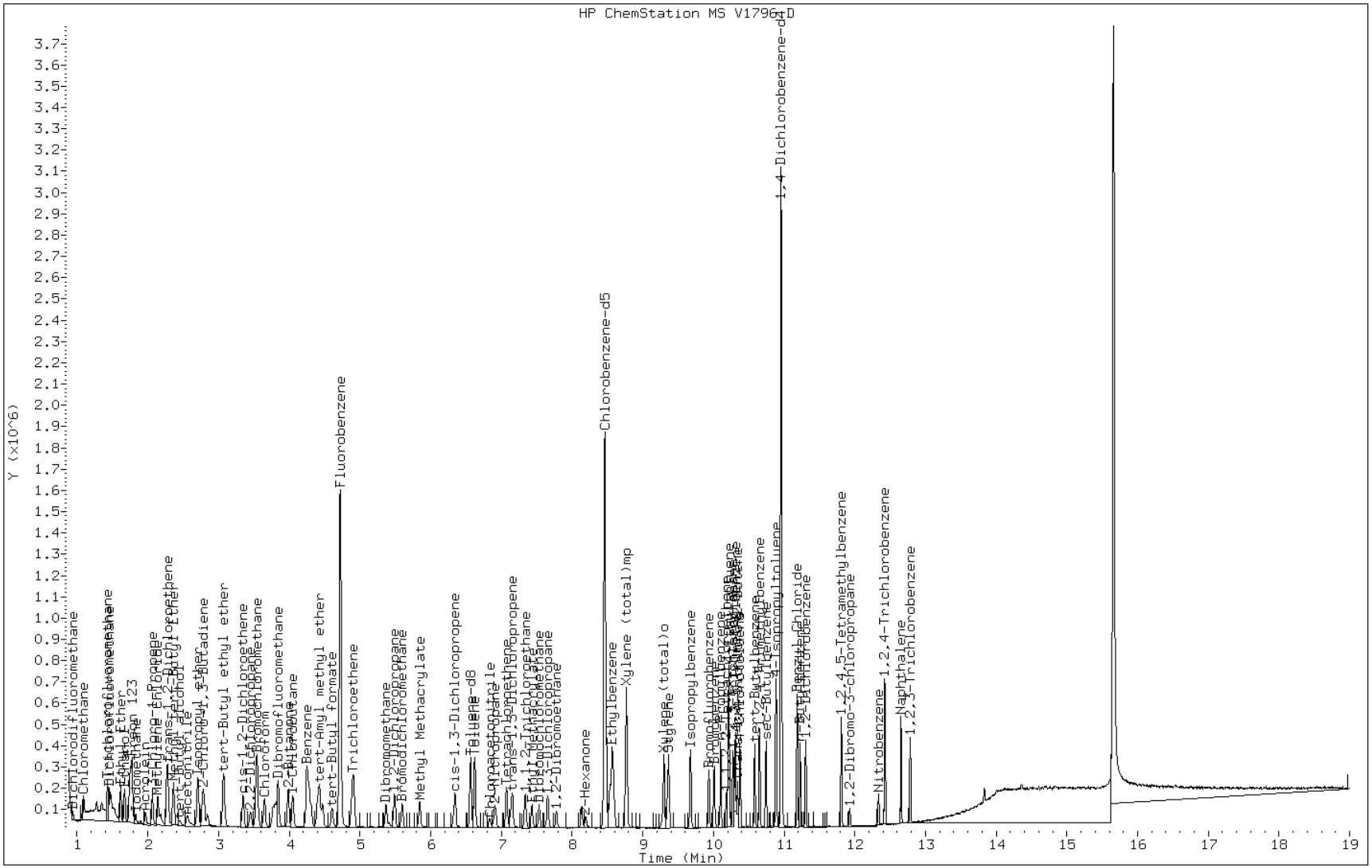
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1796.D

Date: 17-FEB-2009 17:05

Client ID: IC;5 Instrument: msv.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1796.D
Inj. Date and Time: 17-FEB-2009 17:05
Instrument ID: msv.i
Client ID: IC;5
Compound: 7 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 02/19/2009

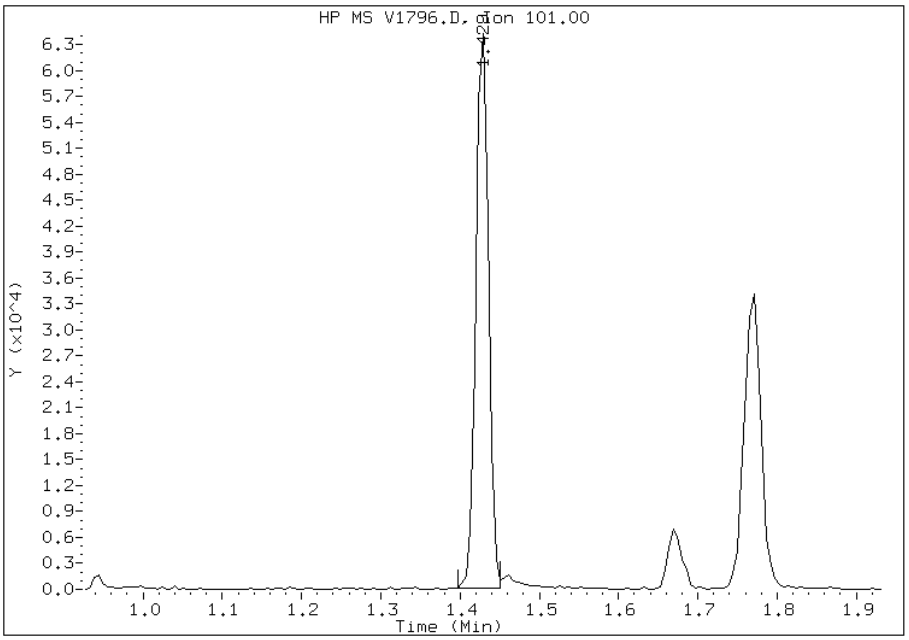
Processing Integration Results

RT: 1.43

Response: 69630

Amount: 5

Conc: 5



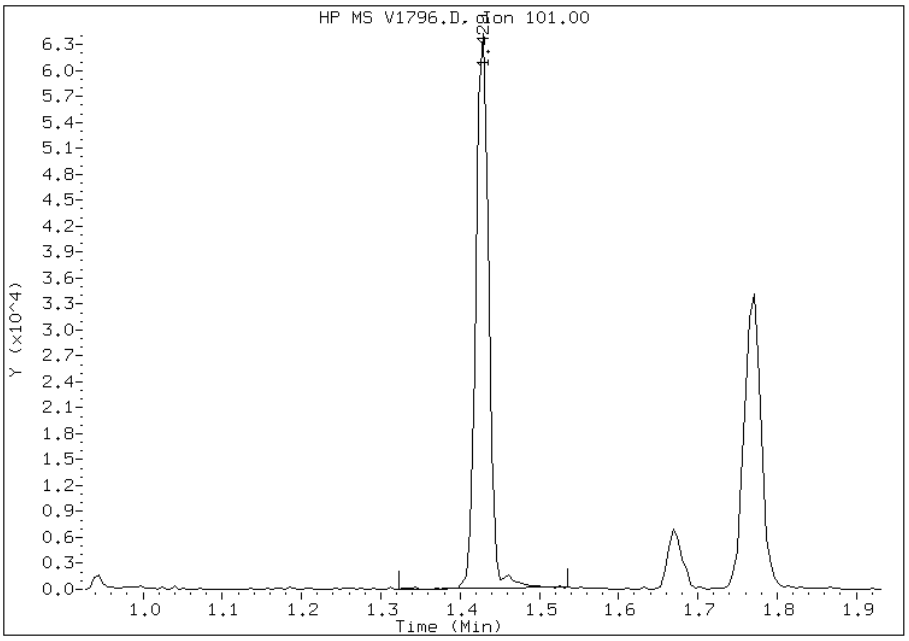
Manual Integration Results

RT: 1.43

Response: 71763

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1796.D
Inj. Date and Time: 17-FEB-2009 17:05
Instrument ID: msv.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/19/2009

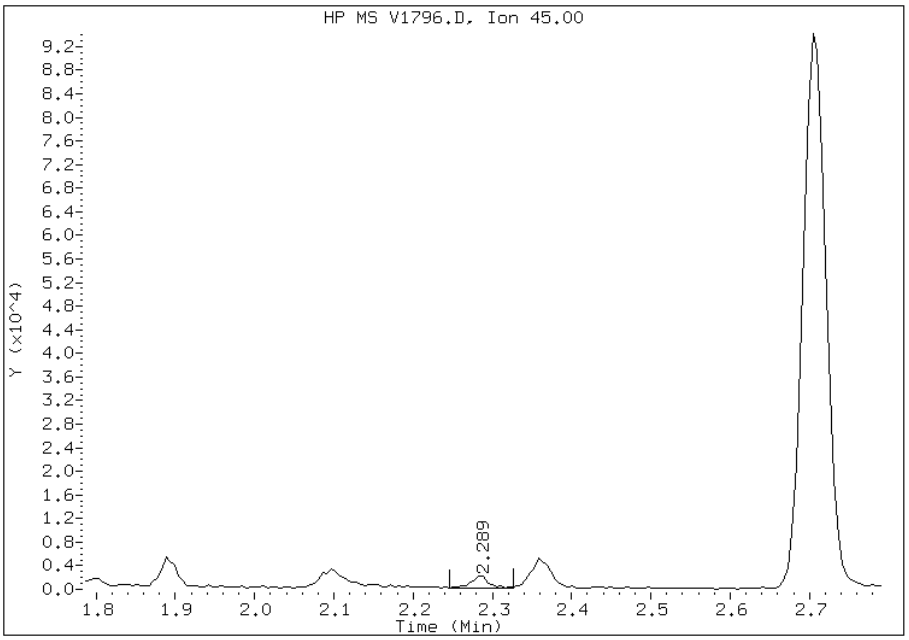
Processing Integration Results

RT: 2.29

Response: 3062

Amount: 2

Conc: 2



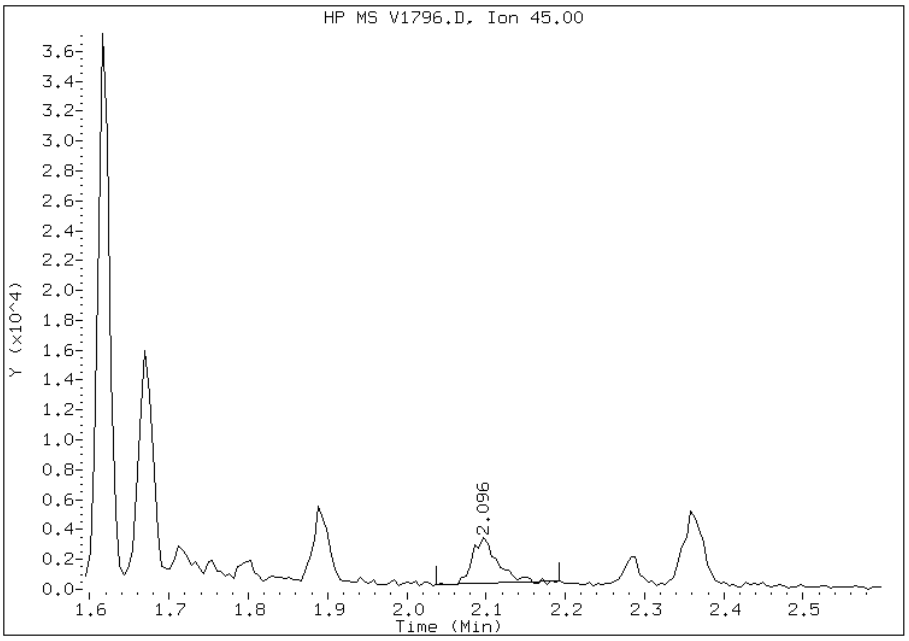
Manual Integration Results

RT: 2.10

Response: 6340

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: V1796.D
Inj. Date and Time: 17-FEB-2009 17:05
Instrument ID: msv.i
Client ID: IC;5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 02/19/2009

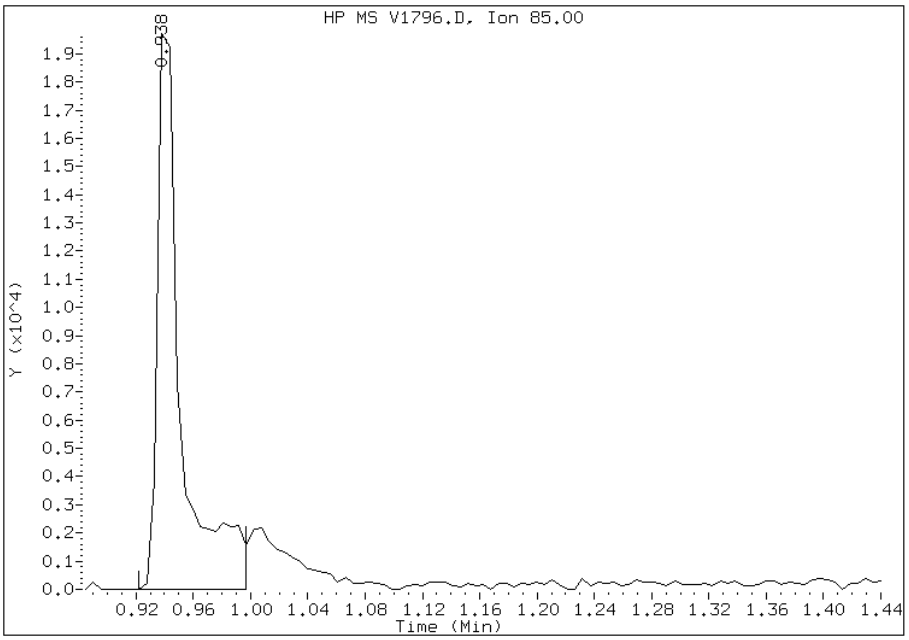
Processing Integration Results

RT: 0.94

Response: 22862

Amount: 6

Conc: 6



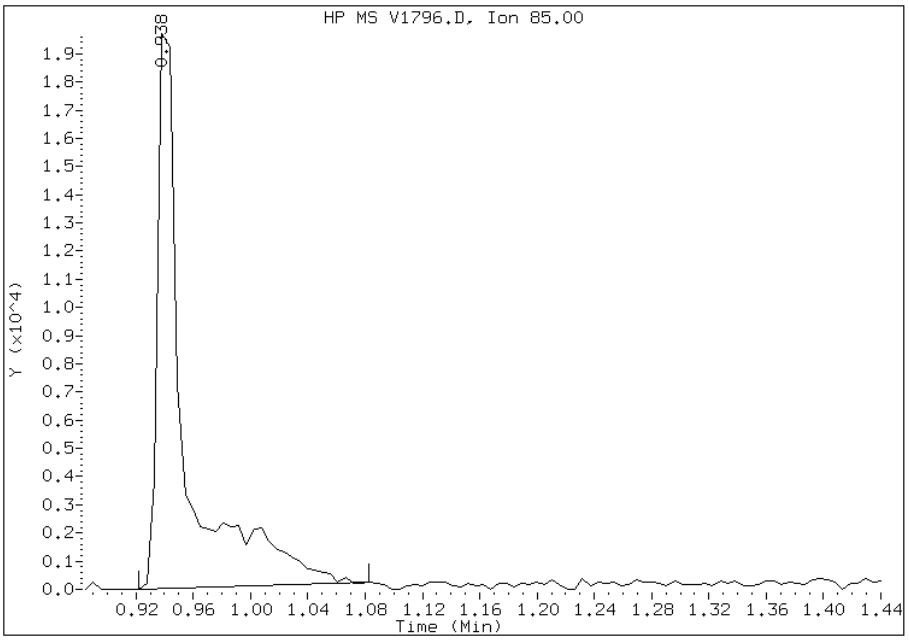
Manual Integration Results

RT: 0.94

Response: 26407

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1796.D
Inj. Date and Time: 17-FEB-2009 17:05
Instrument ID: msv.i
Client ID: IC;5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/19/2009

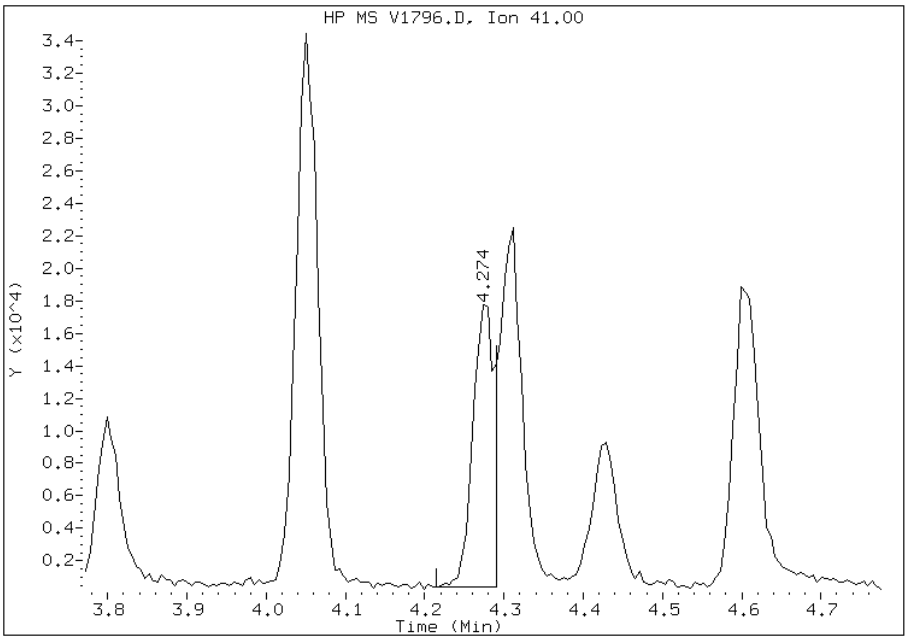
Processing Integration Results

RT: 4.27

Response: 32658

Amount: 3

Conc: 3



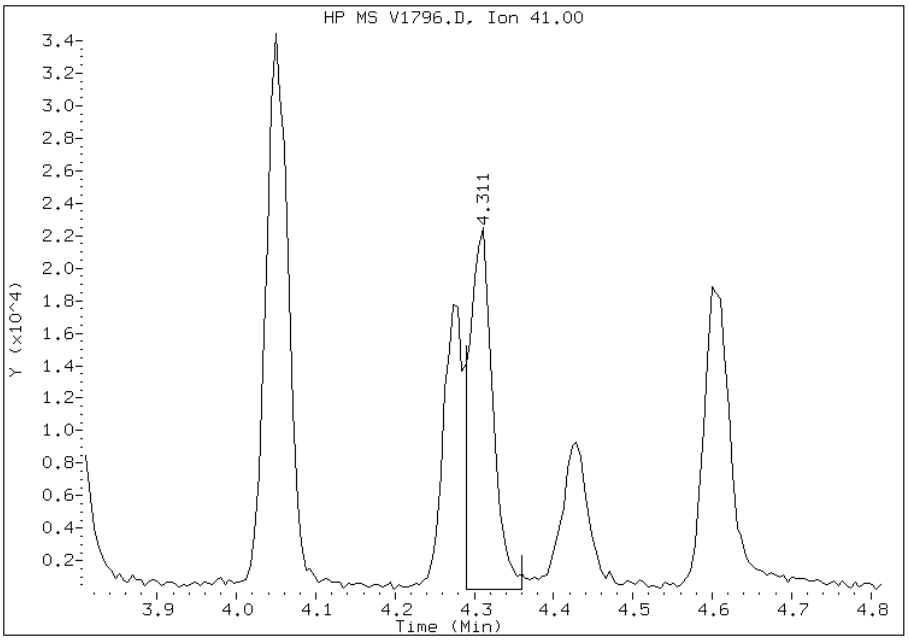
Manual Integration Results

RT: 4.31

Response: 45263

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1796.D
Inj. Date and Time: 17-FEB-2009 17:05
Instrument ID: msv.i
Client ID: IC;5
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/19/2009

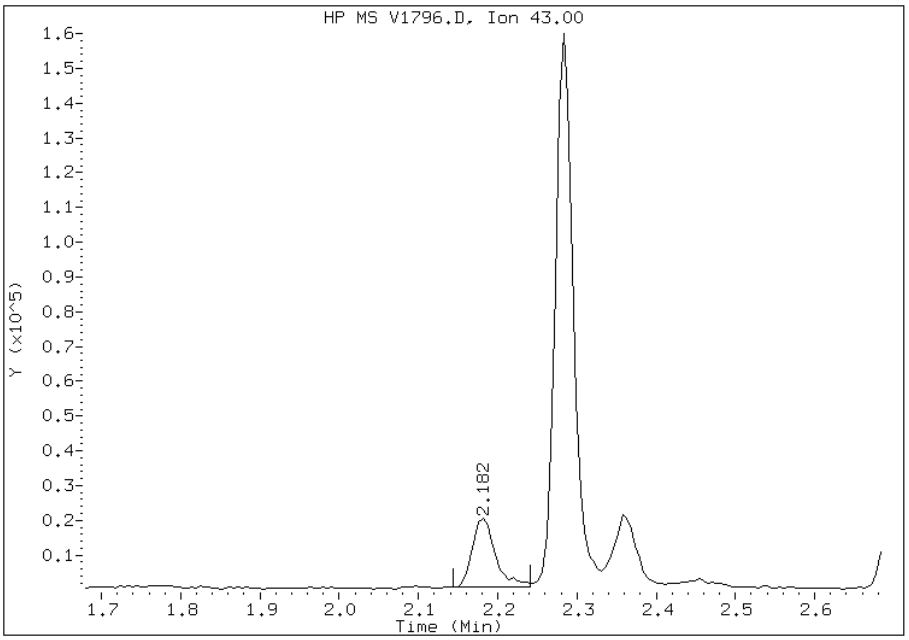
Processing Integration Results

RT: 2.18

Response: 39980

Amount: 7

Conc: 7



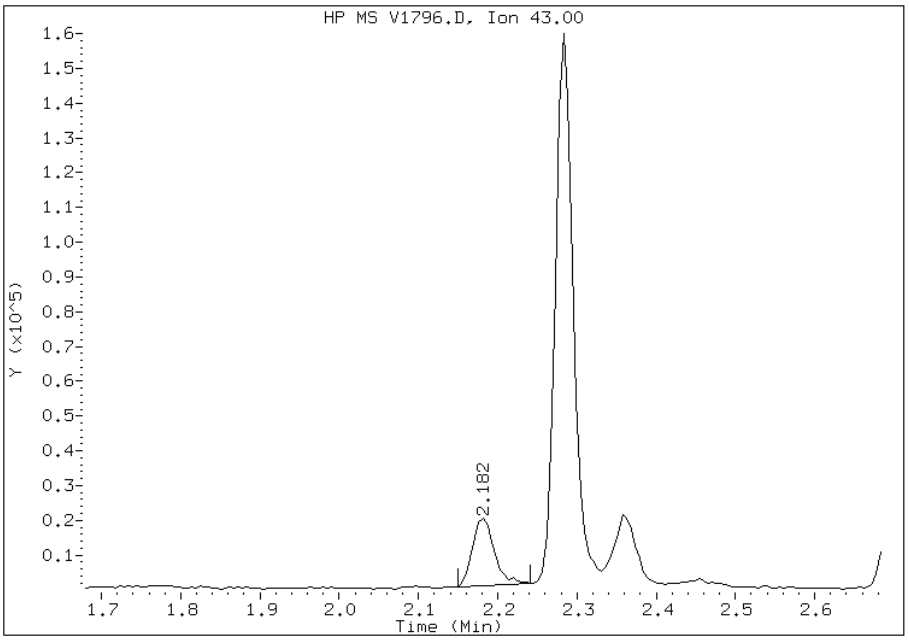
Manual Integration Results

RT: 2.18

Response: 36495

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1796.D
Inj. Date and Time: 17-FEB-2009 17:05
Instrument ID: msv.i
Client ID: IC;5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/19/2009

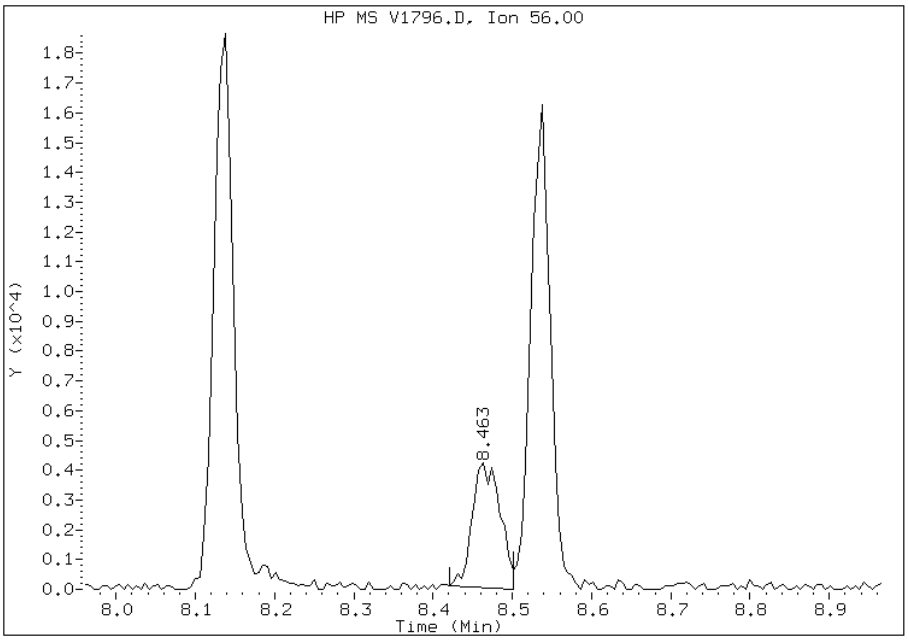
Processing Integration Results

RT: 8.46

Response: 10175

Amount: 2

Conc: 2



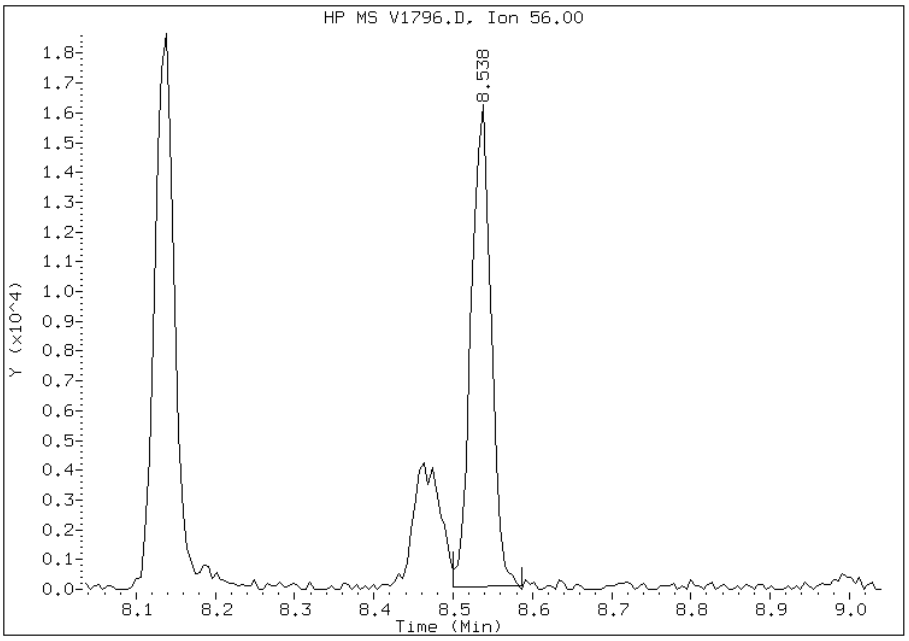
Manual Integration Results

RT: 8.54

Response: 27845

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1796.D
Inj. Date and Time: 17-FEB-2009 17:05
Instrument ID: msv.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/19/2009

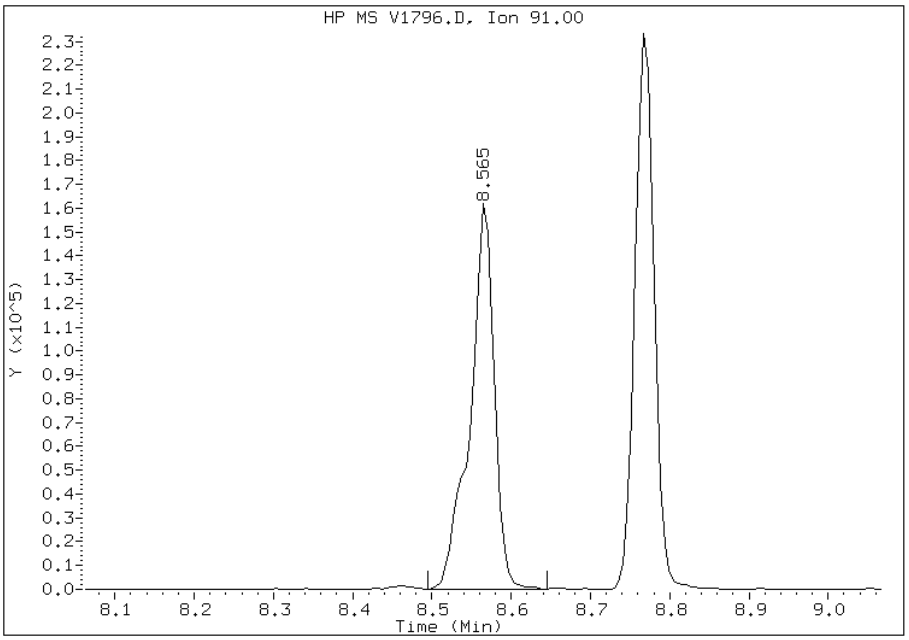
Processing Integration Results

RT: 8.56

Response: 338357

Amount: 11

Conc: 11



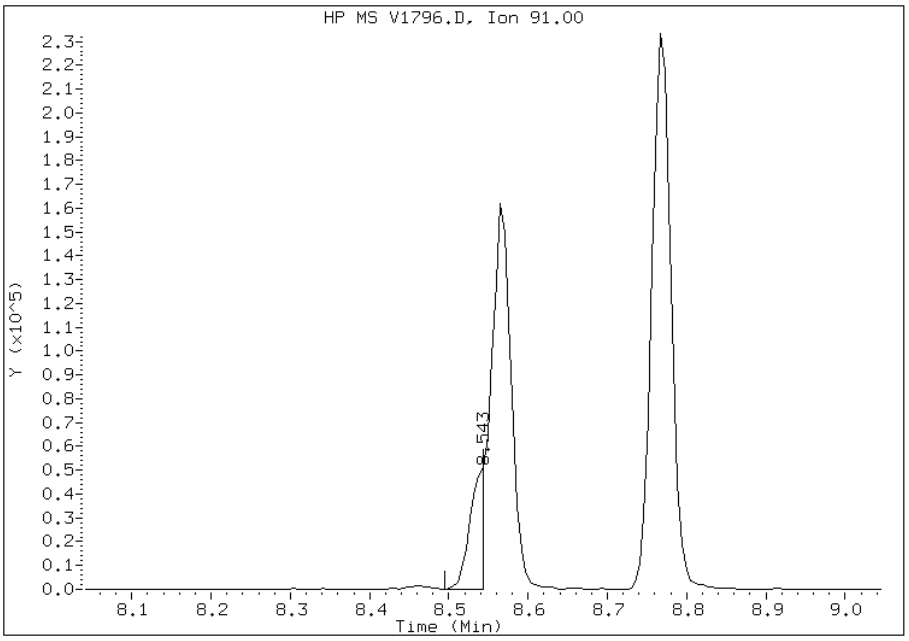
Manual Integration Results

RT: 8.54

Response: 64230

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V1797.D
Lab Smp Id: ICIS Client Smp ID: ICIS
Inj Date : 17-FEB-2009 17:32 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : ICIS
Misc Info : : ;;; ; 8260 ;1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V8260LOW.m
Meth Date : 19-Feb-2009 08:14 msv.i Quant Type: ISTD
Cal Date : 17-FEB-2009 17:05 Cal File: V1796.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.722	4.722	(1.000)	1509690	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	104645	20.0000	18
3	Chloromethane	50	1.077	1.077	(0.228)	182059	20.0000	21
4	Vinyl Chloride	62	1.093	1.093	(0.231)	203381	20.0000	19
5	Bromomethane	94	1.274	1.274	(0.270)	75655	20.0000	21
6	Chloroethane	64	1.343	1.343	(0.285)	108473	20.0000	24
7	Trichlorofluoromethane	101	1.424	1.424	(0.302)	273993	20.0000	26(M)
8	Dichlorofluoromethane	67	1.461	1.461	(0.309)	347989	20.0000	18
9	Ethyl Ether	45	1.616	1.616	(0.342)	146030	20.0000	17
10	Ethanol	45	1.669	1.669	(0.354)	81660	200.000	150
11	Freon 141	81	1.669	1.669	(0.354)	333968	20.0000	19
12	Freon 123	67	1.781	1.781	(0.377)	46820	20.0000	17
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	208697	20.0000	19
14	1,1-Dichloroethene	96	1.738	1.738	(0.368)	198282	20.0000	19
15	Carbon Disulfide	76	1.754	1.754	(0.372)	625259	20.0000	18
16	Iodomethane	142	1.829	1.829	(0.387)	179503	20.0000	24
17	Acrolein	56	1.963	1.963	(0.416)	203754	100.000	110
18	2-Propanol	45	2.096	2.096	(0.444)	27102	20.0000	22
19	3-Chloro-1-Propene	41	2.064	2.064	(0.437)	337800	20.0000	19
20	Methylene Chloride	84	2.139	2.139	(0.453)	237544	20.0000	16
21	Acetone	43	2.181	2.181	(0.462)	88138	20.0000	12
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.480)	238107	20.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	991578	20.0000	19
	24 Methyl tert-Butyl Ether	73	2.363	2.363	(0.500)	747595	20.0000	20
	25 tert-Butyl alcohol	59	2.454	2.454	(0.520)	129495	100.000	110
	26 Acetonitrile	41	2.555	2.555	(0.541)	332348	200.000	190
	27 Isopropyl ether	45	2.704	2.704	(0.573)	791772	20.0000	20
	28 tert-Butyl ethyl ether	59	3.073	3.073	(0.651)	748347	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.587)	189689	20.0000	20
	30 Acrylonitrile	53	2.843	2.843	(0.602)	195113	40.0000	44
	31 1,1-Dichloroethane	63	2.795	2.795	(0.592)	409188	20.0000	18
	32 Vinyl Acetate	43	3.073	3.073	(0.651)	514649	20.0000	22
	33 cis-1,2-Dichloroethene	96	3.345	3.345	(0.708)	270473	20.0000	18
	34 2,2-Dichloropropane	77	3.452	3.452	(0.731)	246252	20.0000	25
	35 Bromochloromethane	128	3.548	3.548	(0.751)	140636	20.0000	19
	36 1-Bromopropane	43	3.526	3.526	(0.747)	361163	20.0000	19
	37 Cyclohexane	84	3.542	3.542	(0.750)	335209	20.0000	19
	38 Chloroform	83	3.649	3.649	(0.773)	402502	20.0000	18
	39 Ethyl Acetate	43	3.804	3.804	(0.806)	59857	40.0000	40
	40 Methyl Acrylate	55	3.809	3.809	(0.807)	222265	20.0000	21
$	41 Dibromofluoromethane	111	3.841	3.841	(0.814)	241581	20.0000	19
	42 Tetrahydrofuran	42	3.798	3.798	(0.804)	176092	40.0000	38
	43 Carbon Tetrachloride	117	3.772	3.772	(0.799)	279560	20.0000	21
	44 1,1,1-Trichloroethane	97	3.846	3.846	(0.815)	340908	20.0000	20
	45 2-Butanone	43	3.985	3.985	(0.844)	103350	20.0000	19
	46 1,1-Dichloropropene	75	3.985	3.985	(0.844)	308909	20.0000	19
	47 tert-Amyl methyl ether	73	4.428	4.428	(0.938)	700286	20.0000	21
	48 tert-Butyl formate	57	4.610	4.610	(0.976)	22928	20.0000	9
	49 1-Chlorobutane	56	4.049	4.049	(0.858)	480169	20.0000	19
	50 Heptane	43	4.273	4.273	(0.905)	218507	20.0000	19
	51 Propionitrile	54	4.279	4.279	(0.906)	385622	200.000	200
	52 Benzene	78	4.247	4.247	(0.899)	973413	20.0000	19
	53 2-Methyl-2-Propenenitrile	41	4.305	4.305	(0.912)	164953	20.0000	19(MH)
	54 Isobutyl alcohol	42	4.428	4.428	(0.938)	32075	200.000	200
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.931)	258997	20.0000	19
	56 1,2-Dichloroethane	62	4.471	4.471	(0.947)	303696	20.0000	19(H)
	59 Methyl Cyclohexane	83	4.887	4.887	(1.035)	326181	20.0000	20
	60 Trichloroethene	130	4.909	4.909	(1.040)	277392	20.0000	19
	61 Isopropyl Acetate	43	4.887	4.887	(1.035)	17704	40.0000	39
	62 n-Butanol	56	5.410	5.410	(1.146)	57827	200.000	200
	63 Dibromomethane	93	5.368	5.368	(1.137)	146338	20.0000	19
	64 1,2-Dichloropropane	63	5.490	5.490	(1.163)	242057	20.0000	19
	65 Bromodichloromethane	83	5.592	5.592	(1.184)	302101	20.0000	19
	66 Methyl Methacrylate	69	5.848	5.848	(1.238)	198042	20.0000	21
	67 1,4-Dioxane	58	5.842	5.842	(1.237)	19401	200.000	220
	68 n-Propyl Acetate	43	6.323	6.323	(1.339)	54783	40.0000	40
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.339)	81446	20.0000	21
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.344)	383568	20.0000	21
	71 Chloroacetonitrile	48	6.835	6.835	(1.448)	82983	200.000	230
	72 2-Nitropropane	41	6.894	6.894	(1.460)	128816	40.0000	41
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.515)	348229	20.0000	22
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.554)	224396	20.0000	20
*	75 Chlorobenzene-d5	117	8.463	8.463	(1.000)	1131486	25.0000	
	76 Toluene	91	6.622	6.622	(0.782)	1009591	20.0000	19
$	77 Toluene-d8	98	6.563	6.563	(0.776)	919499	20.0000	20
	78 1,1-Dichloro-2-propanone	43	6.915	6.915	(0.817)	586277	100.000	110

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.129	7.129	(0.842)	208208	20.0000	20
80	Tetrachloroethene	164	7.075	7.075	(0.836)	218325	20.0000	19
81	Ethyl Methacrylate	69	7.433	7.433	(0.878)	257708	20.0000	23
82	Dibromochloromethane	129	7.534	7.534	(0.890)	257059	20.0000	21
83	1,3-Dichloropropane	76	7.657	7.657	(0.905)	389066	20.0000	20
84	1,2-Dibromoethane	107	7.780	7.780	(0.919)	231758	20.0000	21
85	n-Butyl Acetate	56	8.532	8.532	(1.008)	110862	20.0000	18
86	2-Hexanone	43	8.191	8.191	(0.968)	154745	20.0000	23
87	1-Chlorohexane	91	8.543	8.543	(1.009)	270262	20.0000	21(M)
88	Chlorobenzene	112	8.479	8.479	(1.002)	680343	20.0000	19
89	1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	239811	20.0000	20
90	Ethylbenzene	106	8.564	8.564	(1.012)	353831	20.0000	20
91	Xylene (total)mp	106	8.767	8.767	(1.036)	875063	40.0000	40
92	Xylene (total)o	106	9.301	9.301	(1.099)	420529	20.0000	20
93	Styrene	104	9.365	9.365	(1.107)	698525	20.0000	22
94	Bromoform	173	9.349	9.349	(1.105)	175620	20.0000	21
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	611513	25.0000	
96	Isopropylbenzene	105	9.674	9.674	(0.883)	941104	20.0000	20
97	Bromobenzene	156	10.011	10.011	(0.914)	303574	20.0000	19
98	1,1,2,2-Tetrachloroethane	83	10.181	10.181	(0.929)	253731	20.0000	19
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	955420	20.0000	20
100	1,2,3-Trichloropropane	110	10.277	10.277	(0.938)	89404	20.0000	19
101	trans-1,4-Dichloro-2-Butene	53	10.341	10.341	(0.944)	136749	40.0000	42
102	n-Propylbenzene	91	10.101	10.101	(0.922)	1051058	20.0000	20
103	2-Chlorotoluene	91	10.213	10.213	(0.932)	763083	20.0000	20
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	714913	20.0000	20
105	1,3,5-Trimethylbenzene	105	10.309	10.309	(0.941)	767016	20.0000	21
106	tert-Butylbenzene	119	10.587	10.587	(0.966)	656346	20.0000	21
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	774134	20.0000	21
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	875345	20.0000	20
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	788321	20.0000	21
110	1,3-Dichlorobenzene	146	10.891	10.891	(0.994)	512908	20.0000	19
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	532069	20.0000	19
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	507887	20.0000	19
113	Benzyl Chloride	126	11.190	11.190	(1.021)	120845	20.0000	20
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	434302	20.0000	21
115	n-Butylbenzene	91	11.222	11.222	(1.024)	656095	20.0000	20
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	776178	20.0000	22
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	50246	20.0000	18
120	Nitrobenzene	77	12.332	12.332	(1.126)	219088	200.000	230
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	387905	20.0000	20
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	166411	20.0000	16
123	Naphthalene	128	12.652	12.652	(1.155)	1046149	20.0000	20
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	380748	20.0000	19
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	296563	20.0000	18
M 126	1,2-Dichloroethene (total)	100				508580	40.0000	36
M 127	Xylene (total)	100				1295592	60.0000	61

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1797.D

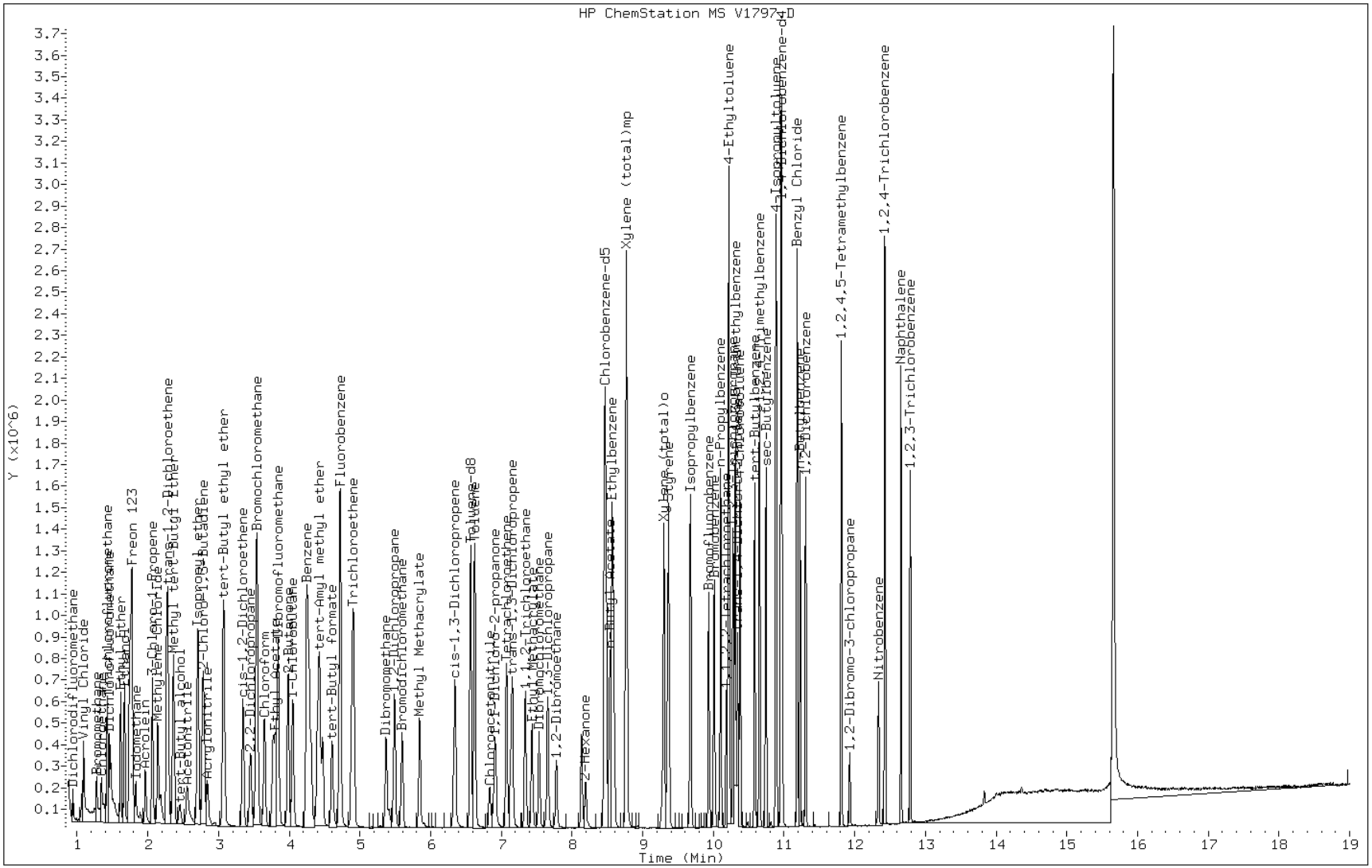
Date: 17-FEB-2009 17:32

Client ID: ICIS

Instrument: msv.i

Sample Info: ICIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1797.D
Inj. Date and Time: 17-FEB-2009 17:32
Instrument ID: msv.i
Client ID: ICIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/19/2009

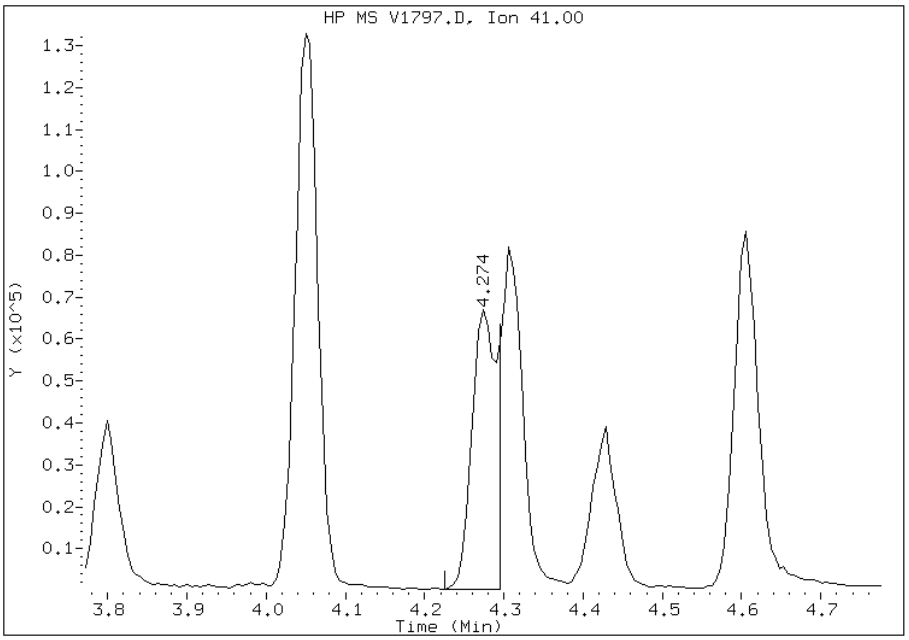
Processing Integration Results

RT: 4.27

Response: 150309

Amount: 18

Conc: 18



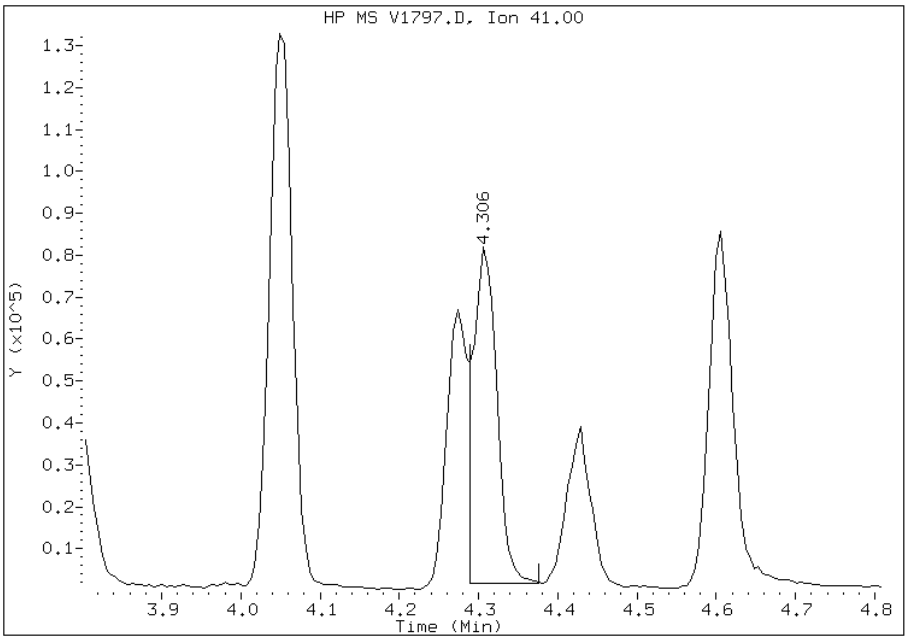
Manual Integration Results

RT: 4.31

Response: 164953

Amount: 19

Conc: 19



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1797.D
Inj. Date and Time: 17-FEB-2009 17:32
Instrument ID: msv.i
Client ID: ICIS
Compound: 7 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 02/19/2009

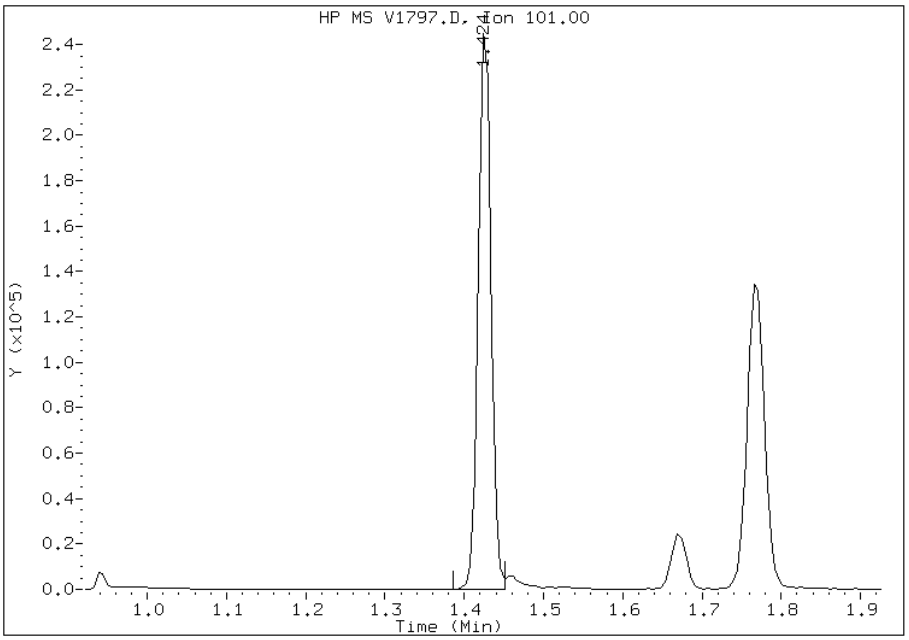
Processing Integration Results

RT: 1.42

Response: 269466

Amount: 19

Conc: 19



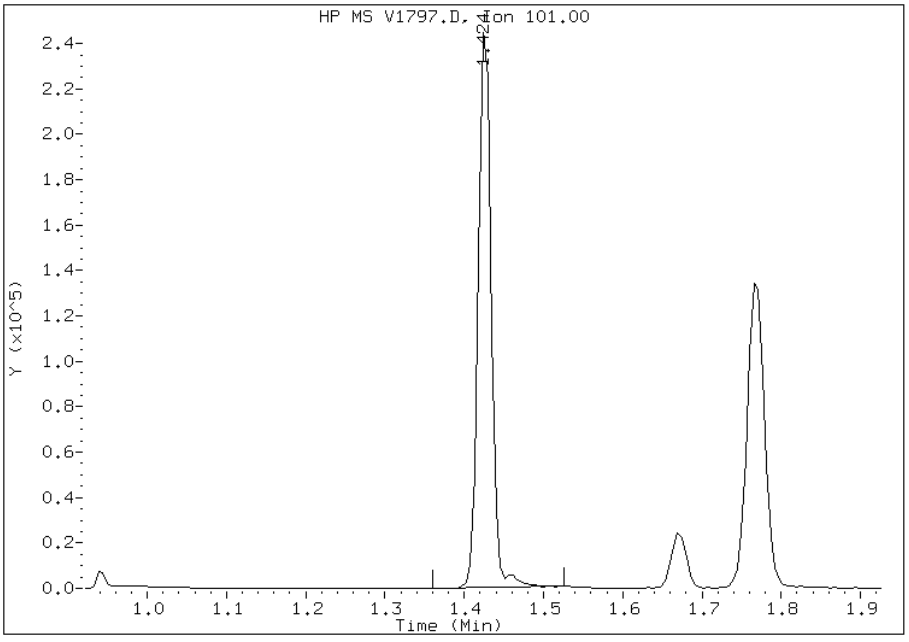
Manual Integration Results

RT: 1.42

Response: 273993

Amount: 26

Conc: 26



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1797.D
Inj. Date and Time: 17-FEB-2009 17:32
Instrument ID: msv.i
Client ID: ICIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/19/2009

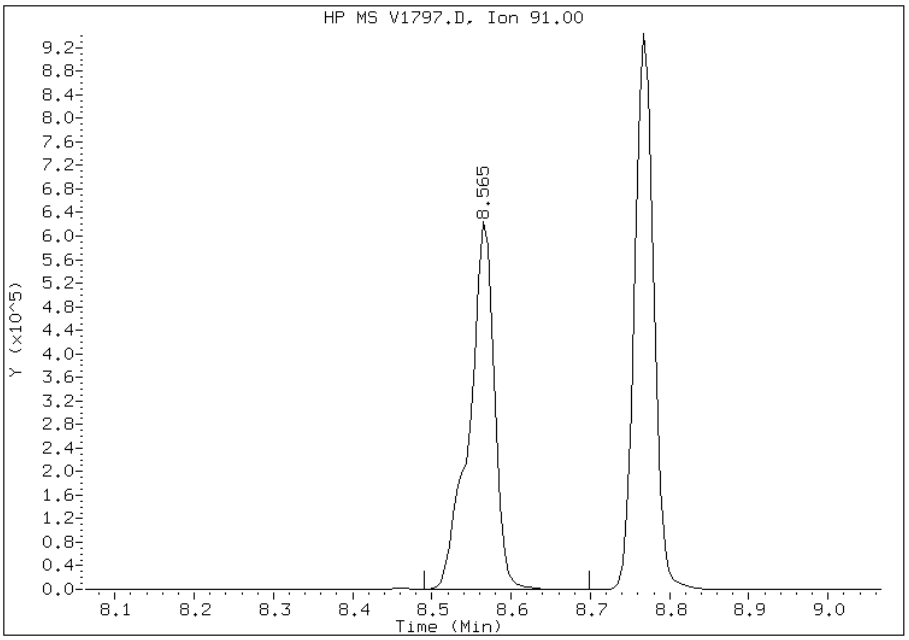
Processing Integration Results

RT: 8.56

Response: 1354194

Amount: 51

Conc: 51



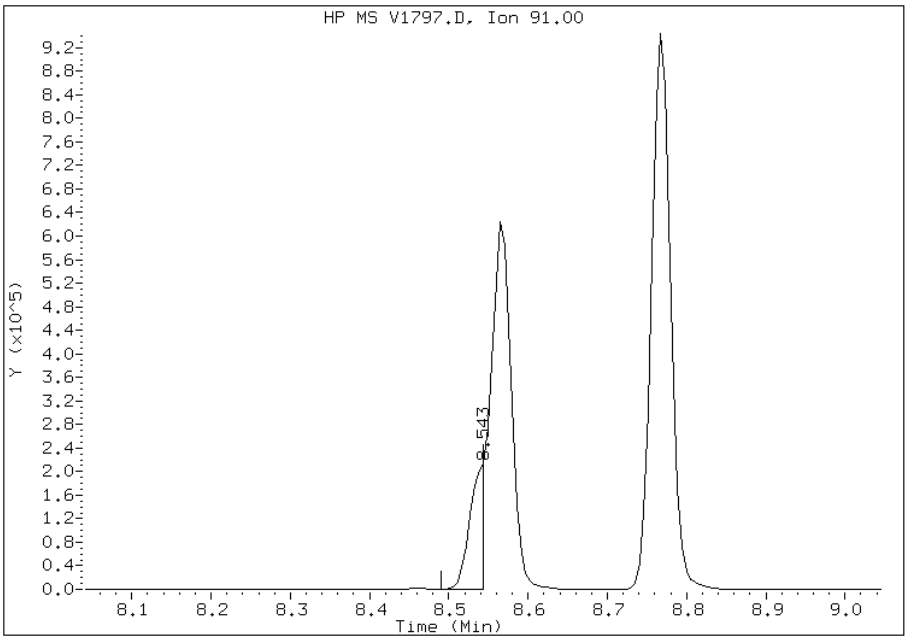
Manual Integration Results

RT: 8.54

Response: 270262

Amount: 21

Conc: 21



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V1798.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 17-FEB-2009 17:58 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;50
Misc Info : : ;;; ; 8260 ;1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V8260LOW.m
Meth Date : 19-Feb-2009 08:14 msv.i Quant Type: ISTD
Cal Date : 17-FEB-2009 17:32 Cal File: V1797.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1 Fluorobenzene	96	4.722	4.722	(1.000)	1496139	25.0000	
2 Dichlorodifluoromethane	85	0.938	0.938	(0.199)	256572	50.0000	47
3 Chloromethane	50	1.077	1.077	(0.228)	462031	50.0000	52
4 Vinyl Chloride	62	1.093	1.093	(0.231)	501735	50.0000	48
5 Bromomethane	94	1.274	1.274	(0.270)	175563	50.0000	48
6 Chloroethane	64	1.338	1.338	(0.283)	206021	50.0000	42
7 Trichlorofluoromethane	101	1.423	1.423	(0.302)	612373	50.0000	47(M)
8 Dichlorofluoromethane	67	1.455	1.455	(0.308)	815121	50.0000	44
9 Ethyl Ether	45	1.616	1.616	(0.342)	352125	50.0000	43
10 Ethanol	45	1.669	1.669	(0.354)	183406	500.000	430
11 Freon 141	81	1.669	1.669	(0.354)	790987	50.0000	46
12 Freon 123	67	1.781	1.781	(0.377)	113960	50.0000	43
13 Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	502823	50.0000	46
14 1,1-Dichloroethene	96	1.733	1.733	(0.367)	474287	50.0000	46
15 Carbon Disulfide	76	1.749	1.749	(0.370)	1495220	50.0000	45
16 Iodomethane	142	1.829	1.829	(0.387)	473661	50.0000	53
17 Acrolein	56	1.962	1.962	(0.416)	489021	250.000	250
18 2-Propanol	45	2.107	2.107	(0.446)	75612	50.0000	57
19 3-Chloro-1-Propene	41	2.064	2.064	(0.437)	858427	50.0000	49
20 Methylene Chloride	84	2.139	2.139	(0.453)	581763	50.0000	43
21 Acetone	43	2.181	2.181	(0.462)	199101	50.0000	48
22 trans-1,2-Dichloroethene	96	2.267	2.267	(0.480)	584004	50.0000	45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	2464114	50.0000	48
	24 Methyl tert-Butyl Ether	73	2.363	2.363	(0.500)	1856313	50.0000	51
	25 tert-Butyl alcohol	59	2.459	2.459	(0.521)	354711	250.000	280
	26 Acetonitrile	41	2.555	2.555	(0.541)	848826	500.000	500
	27 Isopropyl ether	45	2.710	2.710	(0.574)	1997327	50.0000	51
	28 tert-Butyl ethyl ether	59	3.073	3.073	(0.651)	1893023	50.0000	52
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.587)	477955	50.0000	50
	30 Acrylonitrile	53	2.843	2.843	(0.602)	487294	100.000	110
	31 1,1-Dichloroethane	63	2.795	2.795	(0.592)	999244	50.0000	46
	32 Vinyl Acetate	43	3.073	3.073	(0.651)	1352281	50.0000	57
	33 cis-1,2-Dichloroethene	96	3.345	3.345	(0.708)	666837	50.0000	46
	34 2,2-Dichloropropane	77	3.451	3.451	(0.731)	690139	50.0000	56
	35 Bromochloromethane	128	3.548	3.548	(0.751)	339611	50.0000	47
	36 1-Bromopropane	43	3.526	3.526	(0.747)	871891	50.0000	46
	37 Cyclohexane	84	3.542	3.542	(0.750)	809177	50.0000	48
	38 Chloroform	83	3.649	3.649	(0.773)	995460	50.0000	47
	39 Ethyl Acetate	43	3.804	3.804	(0.806)	151127	100.000	100
	40 Methyl Acrylate	55	3.804	3.804	(0.806)	565441	50.0000	53
$	41 Dibromofluoromethane	111	3.836	3.836	(0.812)	599007	50.0000	48
	42 Tetrahydrofuran	42	3.798	3.798	(0.804)	448778	100.000	99
	43 Carbon Tetrachloride	117	3.772	3.772	(0.799)	691036	50.0000	51
	44 1,1,1-Trichloroethane	97	3.846	3.846	(0.815)	838586	50.0000	49
	45 2-Butanone	43	3.985	3.985	(0.844)	263991	50.0000	50
	46 1,1-Dichloropropene	75	3.985	3.985	(0.844)	779413	50.0000	48
	47 tert-Amyl methyl ether	73	4.428	4.428	(0.938)	1795287	50.0000	54
	48 tert-Butyl formate	57	4.604	4.604	(0.975)	72616	50.0000	39
	49 1-Chlorobutane	56	4.049	4.049	(0.858)	1178448	50.0000	47
	50 Heptane	43	4.273	4.273	(0.905)	537715	50.0000	48
	51 Propionitrile	54	4.284	4.284	(0.907)	977098	500.000	510
	52 Benzene	78	4.247	4.247	(0.899)	2378690	50.0000	47
	53 2-Methyl-2-Propenenitrile	41	4.311	4.311	(0.913)	420907	50.0000	49(M)
	54 Isobutyl alcohol	42	4.428	4.428	(0.938)	75288	500.000	480
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.931)	622495	50.0000	47
	56 1,2-Dichloroethane	62	4.471	4.471	(0.947)	736207	50.0000	47
	59 Methyl Cyclohexane	83	4.887	4.887	(1.035)	830822	50.0000	51
	60 Trichloroethene	130	4.914	4.914	(1.041)	678655	50.0000	47
	61 Isopropyl Acetate	43	4.887	4.887	(1.035)	46236	100.000	110
	62 n-Butanol	56	5.410	5.410	(1.146)	162403	500.000	560
	63 Dibromomethane	93	5.367	5.367	(1.137)	368196	50.0000	48
	64 1,2-Dichloropropane	63	5.490	5.490	(1.163)	597192	50.0000	47
	65 Bromodichloromethane	83	5.597	5.597	(1.185)	765874	50.0000	49
	66 Methyl Methacrylate	69	5.842	5.842	(1.237)	515509	50.0000	54
	67 1,4-Dioxane	58	5.842	5.842	(1.237)	44253	500.000	500
	68 n-Propyl Acetate	43	6.323	6.323	(1.339)	147852	100.000	110
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.339)	222636	50.0000	56
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.344)	986831	50.0000	53
	71 Chloroacetonitrile	48	6.835	6.835	(1.448)	220325	500.000	590
	72 2-Nitropropane	41	6.899	6.899	(1.461)	337738	100.000	110
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.515)	900283	50.0000	55
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.554)	556401	50.0000	50
*	75 Chlorobenzene-d5	117	8.463	8.463	(1.000)	1118414	25.0000	
	76 Toluene	91	6.622	6.622	(0.782)	2488937	50.0000	48
$	77 Toluene-d8	98	6.563	6.563	(0.776)	2246376	50.0000	50
	78 1,1-Dichloro-2-propanone	43	6.915	6.915	(0.817)	1564031	250.000	280

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.134	7.134	(0.843)	547403	50.0000	53
80	Tetrachloroethene	164	7.075	7.075	(0.836)	541857	50.0000	49
81	Ethyl Methacrylate	69	7.433	7.433	(0.878)	677502	50.0000	58
82	Dibromochloromethane	129	7.534	7.534	(0.890)	656954	50.0000	53
83	1,3-Dichloropropane	76	7.657	7.657	(0.905)	975292	50.0000	50
84	1,2-Dibromoethane	107	7.780	7.780	(0.919)	586274	50.0000	53
85	n-Butyl Acetate	56	8.538	8.538	(1.009)	286606	50.0000	49
86	2-Hexanone	43	8.191	8.191	(0.968)	406550	50.0000	59
87	1-Chlorohexane	91	8.548	8.548	(1.010)	850619	50.0000	65(M)
88	Chlorobenzene	112	8.479	8.479	(1.002)	1688773	50.0000	48
89	1,1,1,2-Tetrachloroethane	131	8.591	8.591	(1.015)	602307	50.0000	51
90	Ethylbenzene	106	8.570	8.570	(1.013)	872846	50.0000	49
91	Xylene (total)mp	106	8.767	8.767	(1.036)	2152091	100.000	100
92	Xylene (total)o	106	9.301	9.301	(1.099)	1049865	50.0000	51
93	Styrene	104	9.365	9.365	(1.107)	1771820	50.0000	56
94	Bromoform	173	9.349	9.349	(1.105)	458661	50.0000	55
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	607630	25.0000	
96	Isopropylbenzene	105	9.674	9.674	(0.883)	2355461	50.0000	51
97	Bromobenzene	156	10.011	10.011	(0.914)	755769	50.0000	49
98	1,1,2,2-Tetrachloroethane	83	10.181	10.181	(0.929)	641509	50.0000	49
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	2371530	50.0000	51
100	1,2,3-Trichloropropane	110	10.277	10.277	(0.938)	219512	50.0000	48
101	trans-1,4-Dichloro-2-Butene	53	10.341	10.341	(0.944)	350970	100.000	110
102	n-Propylbenzene	91	10.101	10.101	(0.922)	2599001	50.0000	50
103	2-Chlorotoluene	91	10.213	10.213	(0.932)	1875787	50.0000	49
104	4-Chlorotoluene	91	10.373	10.373	(0.947)	1748216	50.0000	48
105	1,3,5-Trimethylbenzene	105	10.309	10.309	(0.941)	1883859	50.0000	51
106	tert-Butylbenzene	119	10.587	10.587	(0.966)	1651522	50.0000	52
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	1925517	50.0000	51
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	2189786	50.0000	51
109	4-Isopropyltoluene	119	10.880	10.880	(0.993)	1991592	50.0000	53
110	1,3-Dichlorobenzene	146	10.891	10.891	(0.994)	1279752	50.0000	49
111	1,4-Dichlorobenzene	146	10.971	10.971	(1.001)	1325867	50.0000	48
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	1269121	50.0000	48
113	Benzyl Chloride	126	11.190	11.190	(1.021)	311005	50.0000	51
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	1103971	50.0000	54
115	n-Butylbenzene	91	11.222	11.222	(1.024)	1623367	50.0000	51
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	2029548	50.0000	56
119	1,2-Dibromo-3-chloropropane	75	11.926	11.926	(1.089)	129816	50.0000	47
120	Nitrobenzene	77	12.332	12.332	(1.126)	661072	500.000	600
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	978860	50.0000	50
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	426267	50.0000	42
123	Naphthalene	128	12.652	12.652	(1.155)	2653537	50.0000	51
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	963289	50.0000	49
$ 125	Bromofluorobenzene	95	9.930	9.930	(0.906)	754149	50.0000	48
M 126	1,2-Dichloroethene (total)	100				1250841	100.000	92
M 127	Xylene (total)	100				3201956	150.000	150

QC Flag Legend

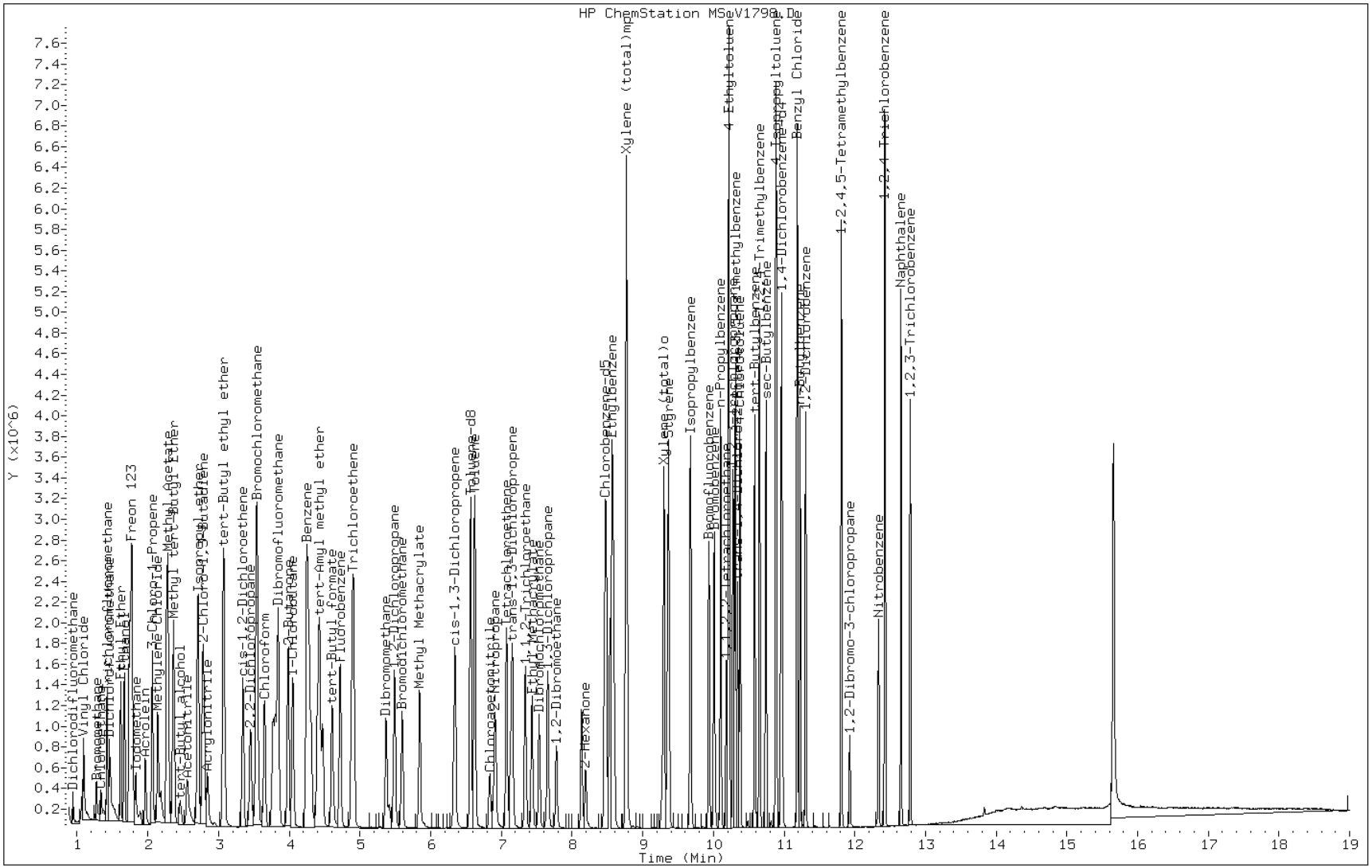
M - Compound response manually integrated.

Data File: V1798.D

Date: 17-FEB-2009 17:58

Client ID: IC;50 Instrument: msv.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1798.D
Inj. Date and Time: 17-FEB-2009 17:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/19/2009

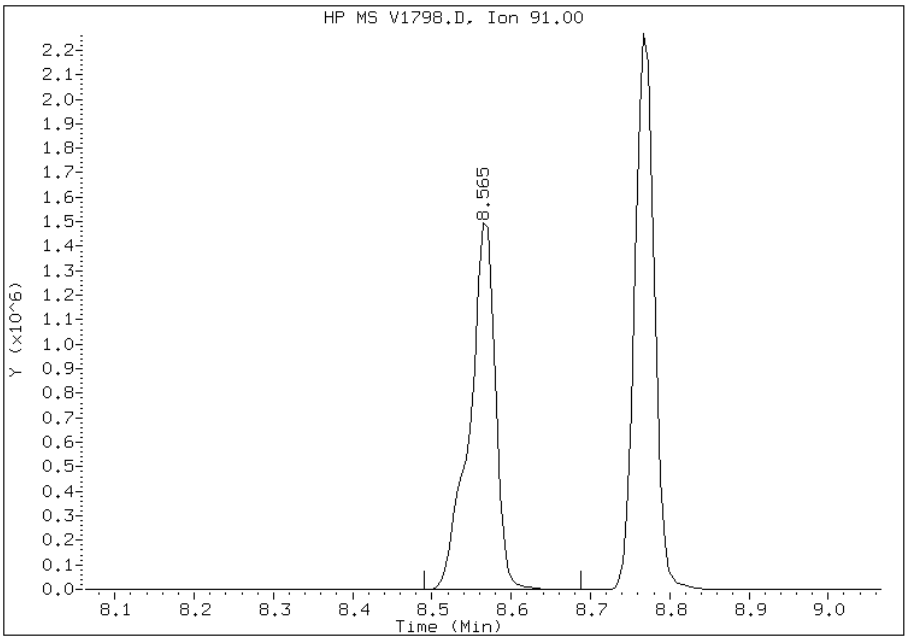
Processing Integration Results

RT: 8.56

Response: 3345569

Amount: 109

Conc: 109



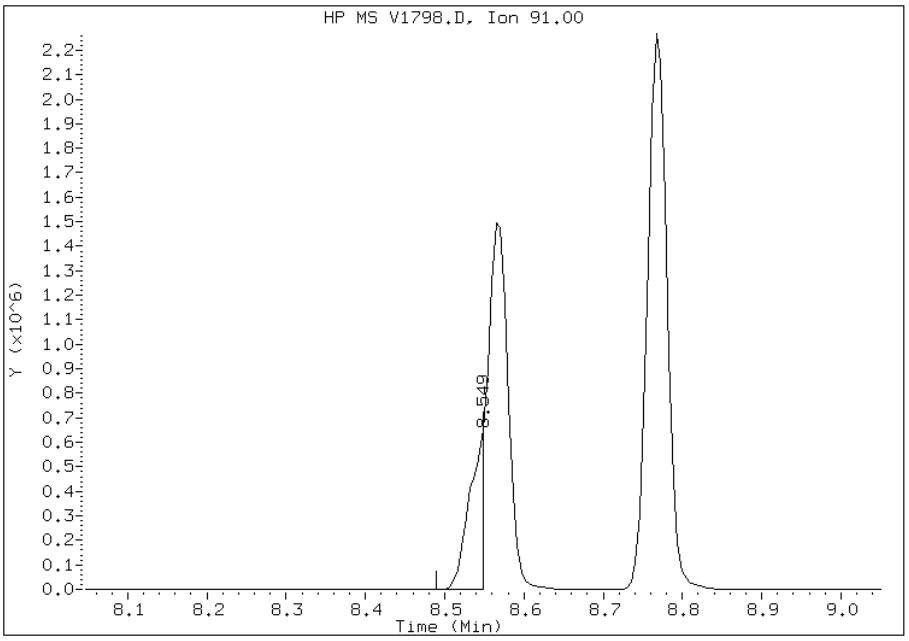
Manual Integration Results

RT: 8.55

Response: 850619

Amount: 65

Conc: 65



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1798.D
Inj. Date and Time: 17-FEB-2009 17:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/19/2009

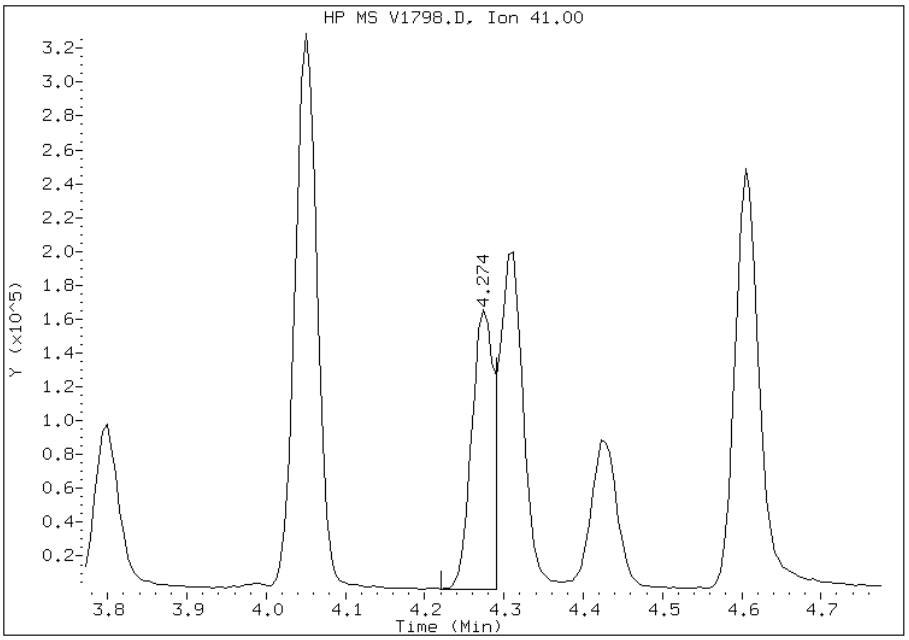
Processing Integration Results

RT: 4.27

Response: 323895

Amount: 40

Conc: 40



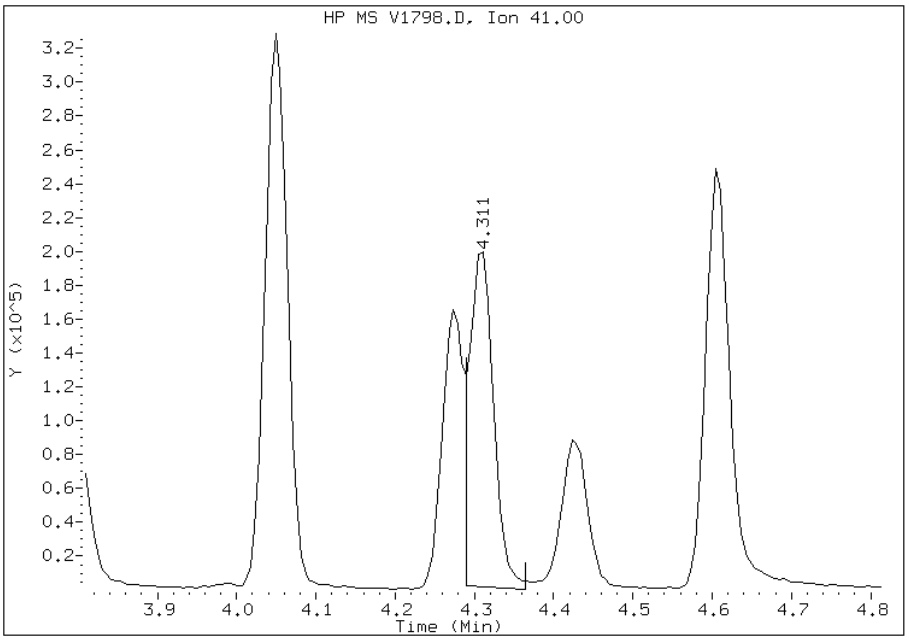
Manual Integration Results

RT: 4.31

Response: 420907

Amount: 49

Conc: 49



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: V1798.D
Inj. Date and Time: 17-FEB-2009 17:58
Instrument ID: msv.i
Client ID: IC;50
Compound: 7 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 02/19/2009

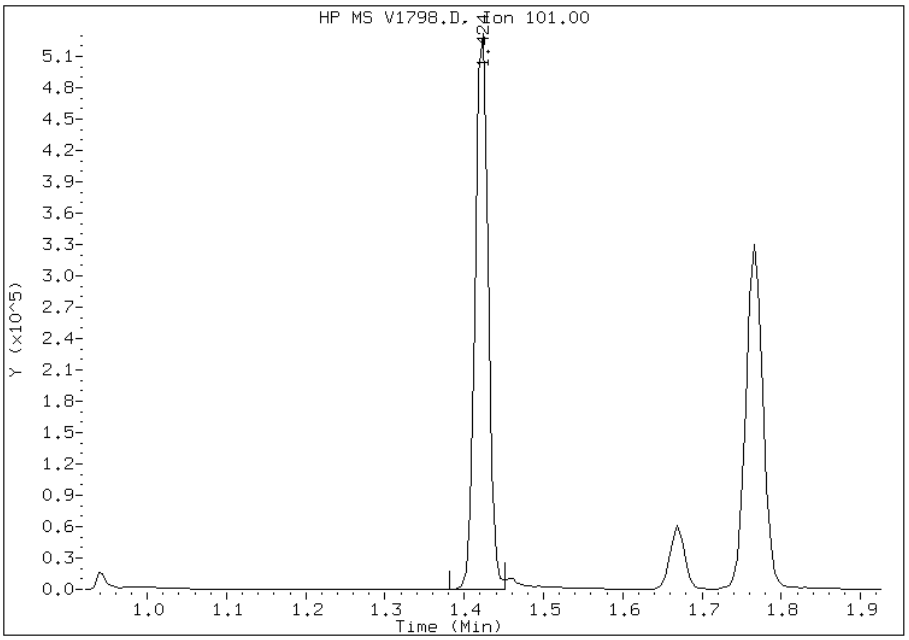
Processing Integration Results

RT: 1.42

Response: 598673

Amount: 46

Conc: 46



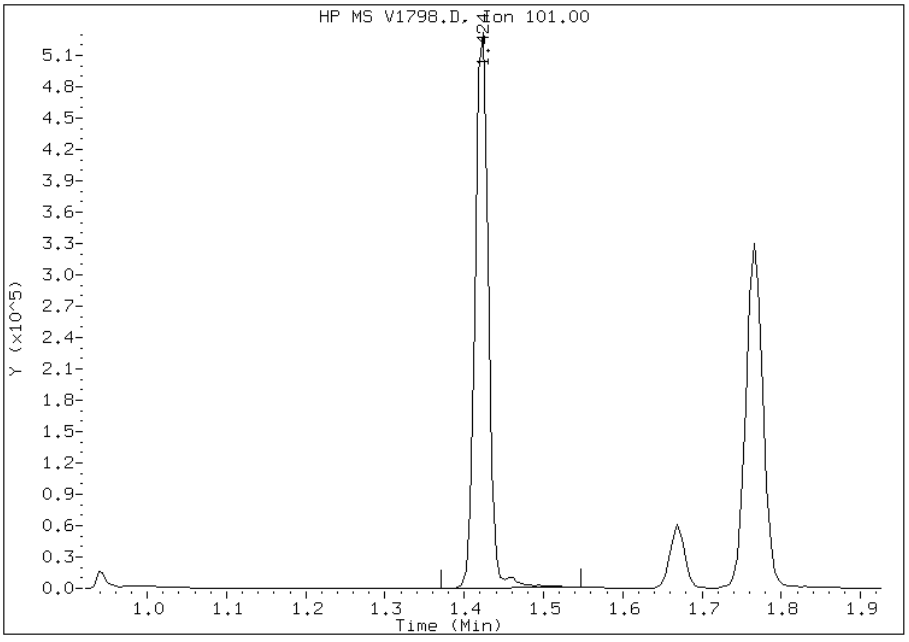
Manual Integration Results

RT: 1.42

Response: 612373

Amount: 47

Conc: 47



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V1799.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 17-FEB-2009 18:24 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ;1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091791.b\V8260LOW.m
Meth Date : 19-Feb-2009 08:14 msv.i Quant Type: ISTD
Cal Date : 17-FEB-2009 17:58 Cal File: V1798.D
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1 Fluorobenzene	96	4.717	4.717	(1.000)	1481172	25.0000	
2 Dichlorodifluoromethane	85	0.938	0.938	(0.199)	495544	100.000	92
3 Chloromethane	50	1.077	1.077	(0.228)	965725	100.000	100(A)
4 Vinyl Chloride	62	1.093	1.093	(0.232)	997152	100.000	97
5 Bromomethane	94	1.274	1.274	(0.270)	340895	100.000	95
6 Chloroethane	64	1.338	1.338	(0.284)	320589	100.000	100(A)
7 Trichlorofluoromethane	101	1.413	1.413	(0.300)	946421	100.000	86
8 Dichlorofluoromethane	67	1.456	1.456	(0.309)	1439107	100.000	81
9 Ethyl Ether	45	1.621	1.621	(0.344)	638303	100.000	81
10 Ethanol	45	1.664	1.664	(0.353)	266881	1000.00	790
11 Freon 141	81	1.664	1.664	(0.353)	1323007	100.000	80
12 Freon 123	67	1.776	1.776	(0.377)	220398	100.000	87
13 Trichlorotrifluoroethane	101	1.760	1.760	(0.373)	991136	100.000	94
14 1,1-Dichloroethene	96	1.733	1.733	(0.368)	917754	100.000	92
15 Carbon Disulfide	76	1.749	1.749	(0.371)	2912095	100.000	90
16 Iodomethane	142	1.824	1.824	(0.387)	950023	100.000	100(A)
17 Acrolein	56	1.968	1.968	(0.417)	893823	500.000	470
18 2-Propanol	45	2.112	2.112	(0.448)	157242	100.000	100(A)
19 3-Chloro-1-Propene	41	2.059	2.059	(0.437)	1674643	100.000	97
20 Methylene Chloride	84	2.139	2.139	(0.454)	1153162	100.000	89
21 Acetone	43	2.187	2.187	(0.464)	374791	100.000	97
22 trans-1,2-Dichloroethene	96	2.262	2.262	(0.480)	1144280	100.000	92

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	4857061	100.000	96
	24 Methyl tert-Butyl Ether	73	2.363	2.363	(0.501)	3676843	100.000	100(A)
	25 tert-Butyl alcohol	59	2.470	2.470	(0.524)	736679	500.000	530(A)
	26 Acetonitrile	41	2.560	2.560	(0.543)	1758778	1000.00	1000(A)
	27 Isopropyl ether	45	2.710	2.710	(0.575)	3909659	100.000	100(A)
	28 tert-Butyl ethyl ether	59	3.073	3.073	(0.652)	3741759	100.000	100(A)
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	944811	100.000	100
	30 Acrylonitrile	53	2.843	2.843	(0.603)	968536	200.000	210(A)
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	1941910	100.000	92
	32 Vinyl Acetate	43	3.073	3.073	(0.652)	2747334	100.000	110(A)
	33 cis-1,2-Dichloroethene	96	3.345	3.345	(0.709)	1313575	100.000	94
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	1436876	100.000	100(A)
	35 Bromochloromethane	128	3.548	3.548	(0.752)	643306	100.000	91
	36 1-Bromopropane	43	3.526	3.526	(0.748)	1721167	100.000	94
	37 Cyclohexane	84	3.542	3.542	(0.751)	1599699	100.000	96
	38 Chloroform	83	3.649	3.649	(0.774)	1934270	100.000	93
	39 Ethyl Acetate	43	3.804	3.804	(0.807)	305613	200.000	210(A)
	40 Methyl Acrylate	55	3.809	3.809	(0.808)	1143996	100.000	110(A)
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	1170943	100.000	96
	42 Tetrahydrofuran	42	3.799	3.799	(0.805)	900849	200.000	200(A)
	43 Carbon Tetrachloride	117	3.767	3.767	(0.799)	1365629	100.000	100(A)
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	1626267	100.000	96
	45 2-Butanone	43	3.985	3.985	(0.845)	535665	100.000	100(A)
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	1546090	100.000	97
	47 tert-Amyl methyl ether	73	4.428	4.428	(0.939)	3573487	100.000	110(A)
	48 tert-Butyl formate	57	4.604	4.604	(0.976)	184237	100.000	44
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	2315320	100.000	95
	50 Heptane	43	4.274	4.274	(0.906)	1061096	100.000	96
	51 Propionitrile	54	4.290	4.290	(0.909)	1956081	1000.00	1000(A)
	52 Benzene	78	4.247	4.247	(0.900)	4660753	100.000	94
	53 2-Methyl-2-Propenenitrile	41	4.311	4.311	(0.914)	848847	100.000	100(AM)
	54 Isobutyl alcohol	42	4.428	4.428	(0.939)	143791	1000.00	960
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	1199017	100.000	92
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	1430628	100.000	94
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	1659942	100.000	100(A)
	60 Trichloroethene	130	4.914	4.914	(1.042)	1327114	100.000	95
	61 Isopropyl Acetate	43	4.887	4.887	(1.036)	92258	200.000	200(A)
	62 n-Butanol	56	5.416	5.416	(1.148)	355960	1000.00	1200(A)
	63 Dibromomethane	93	5.368	5.368	(1.138)	729635	100.000	98
	64 1,2-Dichloropropane	63	5.490	5.490	(1.164)	1181366	100.000	96
	65 Bromodichloromethane	83	5.597	5.597	(1.187)	1514933	100.000	99
	66 Methyl Methacrylate	69	5.843	5.843	(1.239)	1050332	100.000	110(A)
	67 1,4-Dioxane	58	5.843	5.843	(1.239)	100019	1000.00	1100(A)
	68 n-Propyl Acetate	43	6.323	6.323	(1.341)	305570	200.000	220(A)
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.341)	462664	100.000	120(A)
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	1932562	100.000	100(A)
	71 Chloroacetonitrile	48	6.835	6.835	(1.449)	459991	1000.00	1200(A)
	72 2-Nitropropane	41	6.899	6.899	(1.463)	683738	200.000	220(A)
	73 trans-1,3-Dichloropropene	75	7.156	7.156	(1.517)	1794626	100.000	110(A)
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	1099806	100.000	100
*	75 Chlorobenzene-d5	117	8.463	8.463	(1.000)	1120392	25.0000	
	76 Toluene	91	6.622	6.622	(0.782)	4847177	100.000	94
$	77 Toluene-d8	98	6.563	6.563	(0.776)	4414951	100.000	98
	78 1,1-Dichloro-2-propanone	43	6.915	6.915	(0.817)	3213492	500.000	570(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.134	7.134	(0.843)	1104935	100.000	100(A)
80	Tetrachloroethene	164	7.075	7.075	(0.836)	1074057	100.000	97
81	Ethyl Methacrylate	69	7.433	7.433	(0.878)	1365042	100.000	110(A)
82	Dibromochloromethane	129	7.534	7.534	(0.890)	1315693	100.000	100(A)
83	1,3-Dichloropropane	76	7.657	7.657	(0.905)	1913497	100.000	98
84	1,2-Dibromoethane	107	7.780	7.780	(0.919)	1164750	100.000	100(A)
85	n-Butyl Acetate	56	8.538	8.538	(1.009)	560063	100.000	96(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	817882	100.000	110(A)
87	1-Chlorohexane	91	8.548	8.548	(1.010)	1628999	100.000	120(AM)
88	Chlorobenzene	112	8.479	8.479	(1.002)	3317759	100.000	95
89	1,1,1,2-Tetrachloroethane	131	8.591	8.591	(1.015)	1193487	100.000	100(A)
90	Ethylbenzene	106	8.570	8.570	(1.013)	1737663	100.000	98
91	Xylene (total)mp	106	8.767	8.767	(1.036)	4227803	200.000	200
92	Xylene (total)o	106	9.301	9.301	(1.099)	2078533	100.000	100(A)
93	Styrene	104	9.365	9.365	(1.107)	3517549	100.000	110(A)
94	Bromoform	173	9.349	9.349	(1.105)	923463	100.000	110(A)
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	609480	25.0000	
96	Isopropylbenzene	105	9.675	9.675	(0.883)	4645399	100.000	100(A)
97	Bromobenzene	156	10.011	10.011	(0.914)	1493637	100.000	97
98	1,1,2,2-Tetrachloroethane	83	10.182	10.182	(0.929)	1271831	100.000	98
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	4648764	100.000	99
100	1,2,3-Trichloropropane	110	10.278	10.278	(0.938)	432605	100.000	96
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	708514	200.000	210(A)
102	n-Propylbenzene	91	10.101	10.101	(0.922)	5100574	100.000	99
103	2-Chlorotoluene	91	10.214	10.214	(0.932)	3674091	100.000	96
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	3443391	100.000	96
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	3727428	100.000	100
106	tert-Butylbenzene	119	10.587	10.587	(0.966)	3240324	100.000	100(A)
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	3773874	100.000	100
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	4332927	100.000	100(A)
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	3941119	100.000	100(A)
110	1,3-Dichlorobenzene	146	10.891	10.891	(0.994)	2506127	100.000	96
111	1,4-Dichlorobenzene	146	10.971	10.971	(1.001)	2613705	100.000	95
112	1,2-Dichlorobenzene	146	11.308	11.308	(1.032)	2522310	100.000	96
113	Benzyl Chloride	126	11.190	11.190	(1.021)	630721	100.000	100(A)
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	2208434	100.000	100(A)
115	n-Butylbenzene	91	11.228	11.228	(1.025)	3215464	100.000	100(A)
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	4064849	100.000	110(A)
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	261004	100.000	96
120	Nitrobenzene	77	12.332	12.332	(1.126)	1475958	1000.00	1100(A)
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	1993291	100.000	100(A)
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	865955	100.000	89
123	Naphthalene	128	12.653	12.653	(1.155)	5302169	100.000	100(A)
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	1943996	100.000	100
$ 125	Bromofluorobenzene	95	9.936	9.936	(0.907)	1479411	100.000	95
M 126	1,2-Dichloroethene (total)	100				2457855	200.000	180
M 127	Xylene (total)	100				6306336	300.000	300

QC Flag Legend

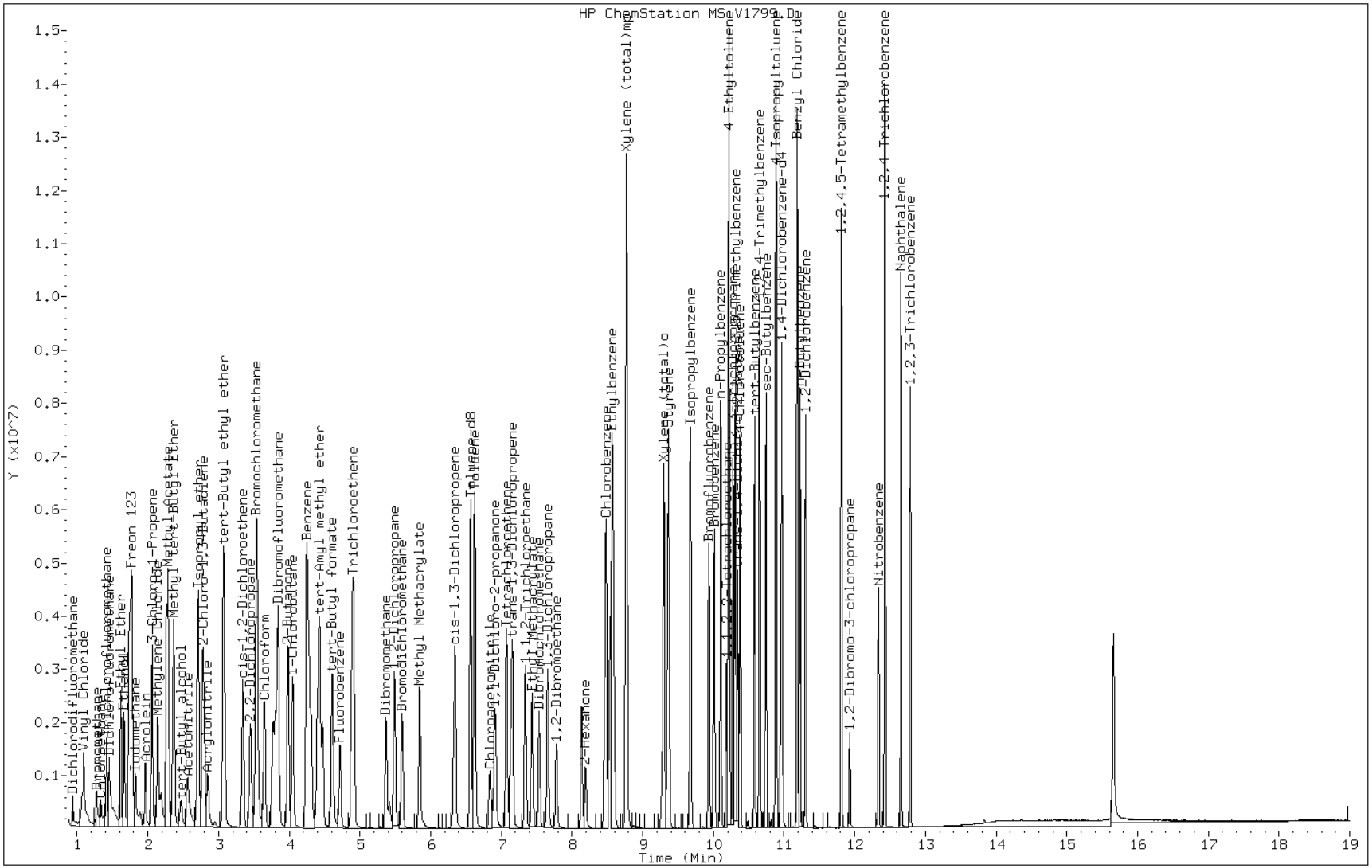
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: V1799.D

Date: 17-FEB-2009 18:24

Client ID: IC;100 Instrument: msv.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1799.D
Inj. Date and Time: 17-FEB-2009 18:24
Instrument ID: msv.i
Client ID: IC;100
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/19/2009

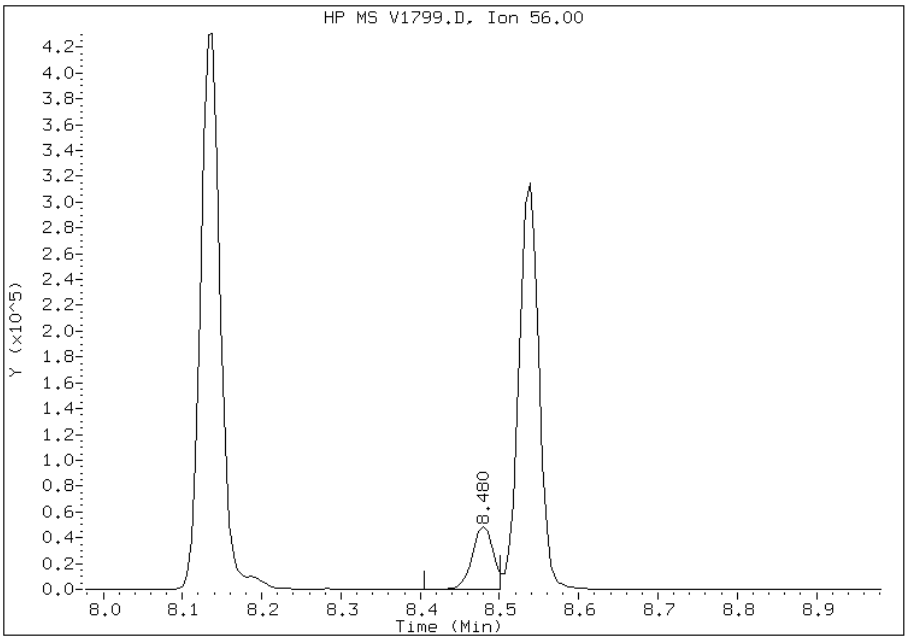
Processing Integration Results

RT: 8.48

Response: 89216

Amount: 18

Conc: 18



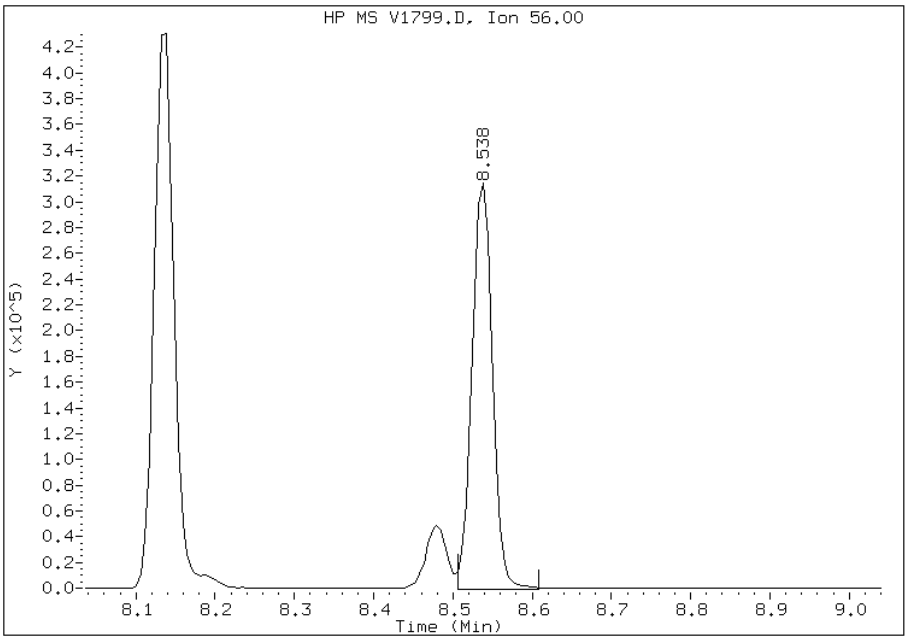
Manual Integration Results

RT: 8.54

Response: 560063

Amount: 96

Conc: 96



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1799.D
Inj. Date and Time: 17-FEB-2009 18:24
Instrument ID: msv.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/19/2009

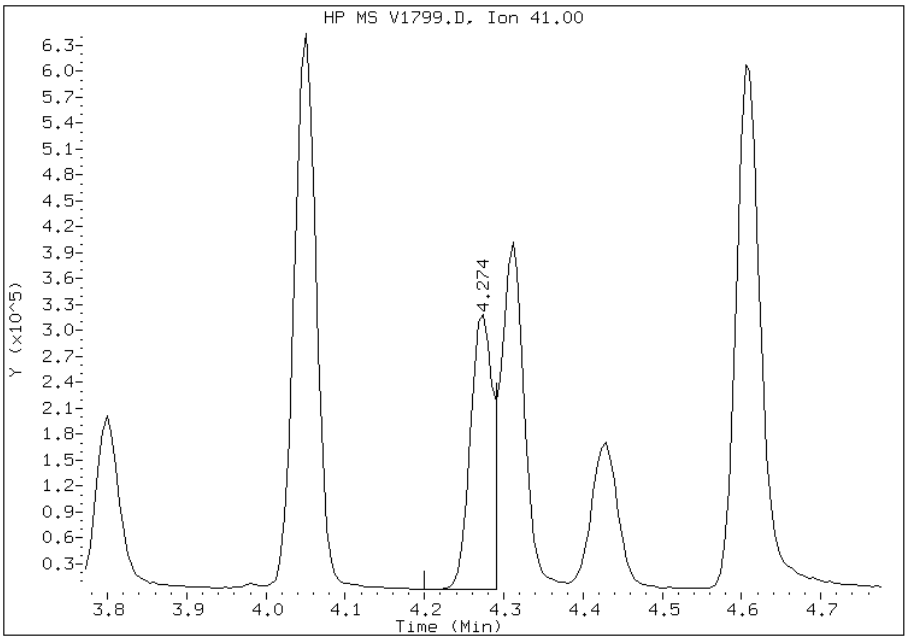
Processing Integration Results

RT: 4.27

Response: 635123

Amount: 81

Conc: 81



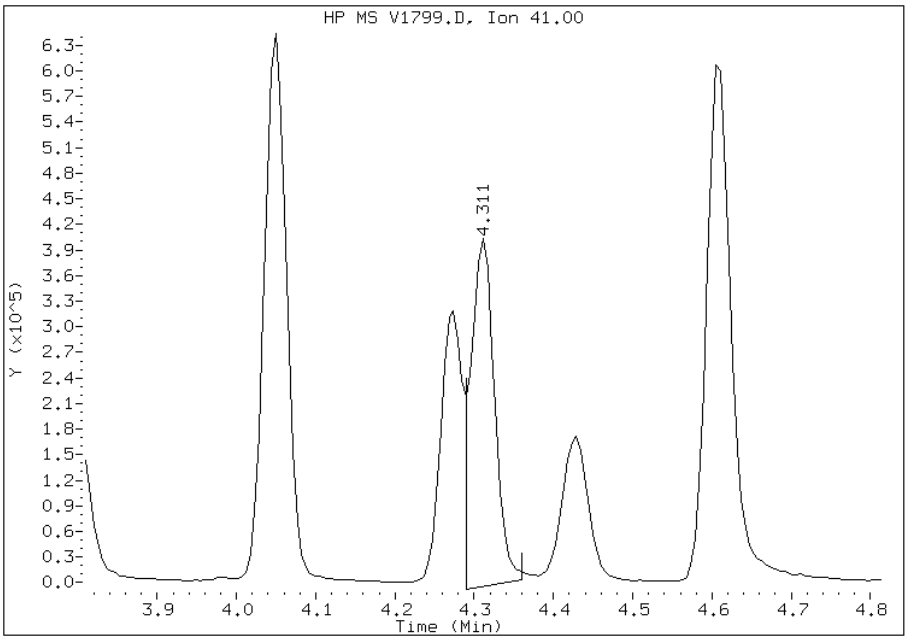
Manual Integration Results

RT: 4.31

Response: 848847

Amount: 100

Conc: 100



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1799.D
Inj. Date and Time: 17-FEB-2009 18:24
Instrument ID: msv.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/19/2009

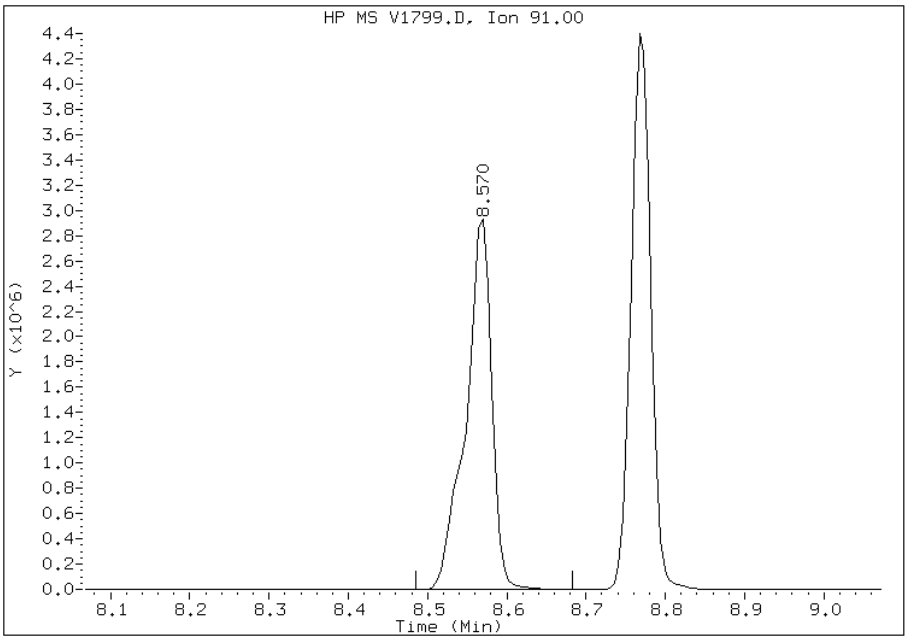
Processing Integration Results

RT: 8.57

Response: 6548673

Amount: 292

Conc: 292



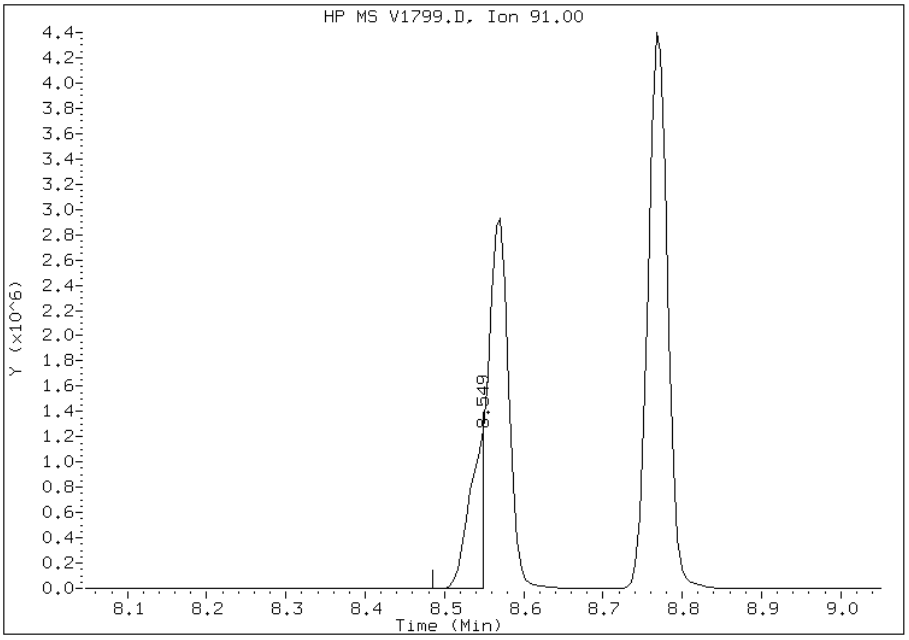
Manual Integration Results

RT: 8.55

Response: 1628999

Amount: 118

Conc: 118



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-24370/1	W2997.D
Level 2	IC 220-24370/2	W2998.D
Level 3	IC 220-24370/3	W2999.D
Level 4	ICIS 220-24370/4	W3000.D
Level 5	IC 220-24370/5	W3001.D
Level 6	IC 220-24370/6	W3002.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachloroethane	0 0	0	0	0	0	Ave								15.0			
Pentachloroethane	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.3598 0.3076	0.4212	0.3270	0.3773	0.2490	Ave		0.3403				17.6	*	15.0			
Chloromethane	0.4625 0.2962	0.3789	0.3159	0.3430	0.2693	Lin	-0.018	0.2913							0.9962		
Vinyl chloride	0.4829 0.3503	0.4896	0.3996	0.4296	0.3029	Lin	-0.022	0.3429							0.9917		
Bromomethane	0.3438 0.1731	0.2955	0.2432	0.2237	0.1683	Lin	-0.082	0.1694							0.9964		
Chloroethane	0.3750 0.1734	0.2650	0.2431	0.2502	0.1677	Lin	-0.098	0.1700							0.9917		
Trichlorofluoromethane	0.9240 0.3195	1.0950	0.8709	0.9547	0.6336	Ave		0.7996				34.9	*	15.0			
Dichlorofluoromethane	0.8682 0.6706	1.0955	0.7705	0.8473	0.6492	Lin	-0.058	0.6605							0.9967		
Ethyl ether	0.2662 0.1652	0.2741	0.1988	0.2087	0.1709	Lin	-0.076	0.1637							0.9977		
1,1-Dichloro-1-fluoroethane	0.9371 0.6696	1.0179	0.8092	0.8566	0.6142	Lin	-0.050	0.6562							0.9941		
Ethanol	0.0254 0.0141	0.0250	0.0165	0.0175	0.0132	Lin	-0.567	0.0138							0.9963		
1,1-Dichloroethene	0.3727 0.2659	0.3832	0.2938	0.3212	0.2348	Lin	-0.024	0.2605							0.9936		
Carbon disulfide	1.0240 0.7735	1.1107	0.8502	0.9360	0.6863	Lin	-0.024	0.7584							0.9938		
1,1,2-Trichloro-1,2,2-trifluoroethane	0.3812 0.3313	0.4775	0.3596	0.3955	0.2655	Ave		0.3684				19.1	*	15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.1359 0.0787	0.1203	0.1008	0.0975	0.0667	Qua	-0.089	15.112	-6.544						0.9916		
Iodomethane	0.1531 0.3015	0.1516	0.1116	0.2339	0.2570	Lin	0.1148	0.3033							0.9946		
Acrolein	0.0319 0.0331	0.0284	0.0219	0.0256	0.0262	Qua	-0.051	43.099	-19.34						0.9998		
3-Chloro-1-propene	0.5239 0.3932	0.5408	0.4174	0.4733	0.3775	Lin	-0.037	0.3883							0.9976		
Isopropyl alcohol	0.0569 0.0414	0.0540	0.0431	0.0412	0.0387	Lin	0.0028	0.0409							0.9988		
Methylene Chloride	+++++ 0.3206	0.5711	0.3790	0.3938	0.3186	Lin	-0.086	0.3138							0.9982		
Acetone	+++++ 0.1244	0.3134	0.1924	0.1686	0.1298	Lin	-0.179	0.1198							0.9974		
trans-1,2-Dichloroethene	0.4328 0.3268	0.4721	0.3689	0.3829	0.3040	Lin	-0.031	0.3214							0.9971		
Methyl acetate	1.6756 1.3441	1.7987	1.4266	1.5883	1.3784	Ave		1.5353				11.8		15.0			
Methyl tert-butyl ether	1.3415 1.2752	1.6120	1.2804	1.5165	1.3043	Ave		1.3883				10.2		15.0			
2-Methyl-2-propanol	0.0950 0.0481	0.0759	0.0511	0.0506	0.0476	Lin	-0.140	0.0476							0.9998		
Acetonitrile	0.0608 0.0400	0.0563	0.0400	0.0453	0.0400	Lin	-0.323	0.0398							0.9993		
Isopropyl ether	0.8991 0.9477	1.1010	0.9008	1.0649	0.9306	Ave		0.9740				8.9		15.0			
2-Chloro-1,3-butadiene	0.2442 0.2757	0.3075	0.2535	0.3108	0.2376	Ave		0.2715				11.7		15.0			
1,1-Dichloroethane	0.7171 0.5972	0.8276	0.6642	0.7176	0.5843	Ave		0.6847				13.2		15.0			
Acrylonitrile	0.1594 0.1329	0.1795	0.1382	0.1529	0.1348	Ave		0.1496				12.1		15.0			
Vinyl acetate	0.6536 0.7985	0.8333	0.7075	0.8881	0.8038	Ave		0.7808				11.0		15.0			
Tert-butyl ethyl ether	1.0844 1.1998	1.3459	1.1266	1.3643	1.2022	Ave		1.2205				9.3		15.0			
cis-1,2-Dichloroethene	0.5011 0.3890	0.5176	0.4087	0.4551	0.3744	Ave		0.4410				13.6		15.0			
2,2-Dichloropropane	0.8435 0.6089	0.8302	0.6640	0.7339	0.5708	Lin	-0.034	0.5998							0.9968		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Bromopropane	0.4970 0.4311	0.5471	0.4443	0.5021	0.3919	Ave		0.4689				12.0		15.0			
Chlorobromomethane	0.2351 0.1912	0.2840	0.2341	0.2574	0.2077	Ave		0.2349				14.2		15.0			
Cyclohexane	0.3789 0.4598	0.5072	0.4221	0.5334	0.3672	Qua	-0.051	2.7437	-0.289						0.9909		
Chloroform	0.8850 0.6908	0.9672	0.7684	0.8317	0.6854	Ave		0.8048				13.8		30.0			
Carbon tetrachloride	0.6719 0.6145	0.8727	0.6695	0.7334	0.5396	Lin	-0.017	0.6026							0.9935		
Tetrahydrofuran	0.1190 0.1206	0.1324	0.1133	0.1317	0.1228	Ave		0.1233				6.1		15.0			
Methyl acrylate	0.3164 0.3454	0.3707	0.3126	0.3776	0.3445	Ave		0.3445				7.8		15.0			
Ethyl acetate	0.0575 0.0442	0.0567	0.0409	0.0520	0.0454	Ave		0.0494				14.0		15.0			
1,1,1-Trichloroethane	0.7773 0.7008	0.9507	0.7605	0.8339	0.6312	Ave		0.7757				14.2		15.0			
2-Butanone (MEK)	+++++ 0.1623	0.2229	0.1656	0.1825	0.1626	Ave		0.1792				14.4		15.0			
1,1-Dichloropropene	0.5015 0.5108	0.5887	0.5141	0.5876	0.4392	Ave		0.5237				10.9		15.0			
1-Chlorobutane	0.6233 0.6914	0.8223	0.6888	0.7955	0.6102	Ave		0.7053				12.4		15.0			
Benzene	1.5536 1.3795	1.7400	1.3972	1.6281	1.3070	Ave		1.5009				11.1		15.0			
n-Heptane	0.2455 0.2290	0.2593	0.1950	0.2551	0.1787	Ave		0.2271				14.6		15.0			
Propionitrile	0.0577 0.0542	0.0694	0.0560	0.0617	0.0545	Ave		0.0589				9.9		15.0			
Methacrylonitrile	0.2668 0.2401	0.3144	0.2188	0.2868	0.2366	Ave		0.2606				13.7		15.0			
Tert-amyl methyl ether	0.9512 1.1962	1.2198	1.0351	1.3194	1.1828	Ave		1.1507				11.6		15.0			
Isobutyl alcohol	0.0062 0.0052	0.0096	0.0062	0.0070	0.0057	Lin	-0.918	0.0052							0.9955		
1,2-Dichloroethane	0.7860 0.6311	0.9022	0.7030	0.7791	0.6503	Ave		0.7420				13.6		15.0			
tert-Butyl Formate	0.0778 0.1126	0.1174	0.1159	0.1476	0.1361	Qua	0.0444	5.1196	8.0740						0.9996		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	0.0040 0.0108	0.0108	0.0102	0.0149	0.0071	Ave		0.0097				38.2	*	15.0			
Methylcyclohexane	0.4893 0.4787	0.4945	0.4247	0.5149	0.3702	Ave		0.4620				11.7		15.0			
Trichloroethene	0.4980 0.4325	0.5548	0.4624	0.5058	0.4030	Ave		0.4761				11.5		15.0			
Dibromomethane	0.2579 0.2624	0.3470	0.2773	0.3075	0.2620	Ave		0.2857				12.3		15.0			
n-Butanol	0.0057 0.0090	0.0059	0.0057	0.0062	0.0077	Lin	1.1264	0.0090							0.9931		
1,2-Dichloropropane	0.3733 0.3334	0.4113	0.3459	0.3760	0.3259	Ave		0.3610				8.9		30.0			
Dichlorobromomethane	0.5984 0.5661	0.7411	0.5819	0.6672	0.5615	Ave		0.6194				11.4		15.0			
1,4-Dioxane	0.0029 0.0031	0.0025	0.0022	0.0028	0.0028	Ave		0.0027				11.8		15.0			
Methyl methacrylate	0.2036 0.3410	0.2901	0.2492	0.3384	0.3328	Lin	0.0252	0.3422							0.9998		
n-Propyl acetate	0.0338 0.0543	0.0495	0.0446	0.0575	0.0524	Lin	0.0217	0.0543							0.9994		
2-Chloroethyl vinyl ether	0.1096 0.1662	0.1442	0.1212	0.1716	0.1604	Lin	0.0204	0.1664							0.9995		
cis-1,3-Dichloropropene	0.5200 0.6476	0.6646	0.5840	0.7222	0.6351	Ave		0.6289				11.1		15.0			
Toluene	1.4044 1.5692	1.7878	1.4820	1.7917	1.5064	Ave		1.5902				10.3		30.0			
Chloroacetonitrile	0.0087 0.0121	0.0066	0.0109	0.0133	0.0123	Lin	-0.007	0.0122							0.9994		
2-Nitropropane	0.1304 0.1494	0.1637	0.1369	0.1613	0.1519	Ave		0.1489				8.8		15.0			
1,1-Dichloroacetone	0.1703 0.2084	0.2058	0.1747	0.2224	0.2144	Ave		0.1994				10.8		15.0			
Tetrachloroethene	0.3745 0.3373	0.4242	0.3438	0.3778	0.3031	Ave		0.3601				11.6		15.0			
4-Methyl-2-pentanone (MIBK)	0.2456 0.3317	0.2814	0.2543	0.3338	0.3340	Ave		0.2968				14.0		15.0			
trans-1,3-Dichloropropene	0.5140 0.6771	0.6397	0.5909	0.7508	0.6806	Ave		0.6422				12.8		15.0			
1,1,2-Trichloroethane	0.3797 0.3623	0.4176	0.3570	0.4170	0.3645	Ave		0.3830				7.2		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.2836 0.4365	0.3439	0.3095	0.4304	0.4350	Lin	0.0247	0.4395							0.9999		
Chlorodibromomethane	0.4681 0.4793	0.5341	0.4445	0.5342	0.4902	Ave		0.4917				7.4		15.0			
1,3-Dichloropropane	0.5972 0.6165	0.7054	0.6113	0.6984	0.6278	Ave		0.6428				7.3		15.0			
Ethylene Dibromide	0.3587 0.3921	0.4300	0.3677	0.4307	0.4004	Ave		0.3966				7.6		15.0			
2-Hexanone	0.1749 0.2398	0.1716	0.1716	0.2433	0.2380	Lin	0.0216	0.2412							0.9998		
Chlorobenzene	1.1987 1.0771	1.2554	1.0948	1.2339	1.0653	Ave		1.1542				7.3		15.0			
n-Butyl acetate	0.1489 0.1622	0.2017	0.1352	0.1866	0.1454	Lin	0.0027	0.1602							0.9955		
1-Chlorohexane	0.4005 0.4374	0.4790	0.3132	0.5144	0.3111	Ave		0.4093				20.6	*	15.0			
Ethylbenzene	0.4903 0.5588	0.6060	0.5287	0.6337	0.5376	Ave		0.5592				9.4		30.0			
1,1,1,2-Tetrachloroethane	0.4127 0.4368	0.5163	0.4182	0.4994	0.4432	Ave		0.4544				9.5		15.0			
m-Xylene & p-Xylene	0.5306 0.6832	0.7032	0.6261	0.7728	0.6608	Ave		0.6628				12.2		15.0			
o-Xylene	0.4928 0.6588	0.6138	0.5626	0.7359	0.6415	Ave		0.6176				13.5		15.0			
Bromoform	0.2986 0.3557	0.3454	0.3109	0.3826	0.3599	Ave		0.3422				9.3		15.0			
Styrene	0.6348 1.1273	0.8924	0.8616	1.1942	1.1041	Lin	0.0138	1.1300							0.9995		
Isopropylbenzene	2.0777 2.5382	2.5286	2.2860	2.8534	2.3555	Ave		2.4399				10.9		15.0			
Bromobenzene	0.9168 0.7987	1.0133	0.8110	0.9225	0.8023	Ave		0.8774				10.0		15.0			
N-Propylbenzene	2.3801 2.8256	2.8235	2.5038	3.1612	2.6292	Ave		2.7206				10.2		15.0			
1,1,2,2-Tetrachloroethane	0.7389 0.6881	0.8400	0.6829	0.7797	0.6991	Ave		0.7381				8.4		15.0			
2-Chlorotoluene	1.9956 2.1877	2.4869	2.2291	2.5713	2.1280	Ave		2.2664				9.7		15.0			
4-Ethyltoluene	1.8020 2.6366	2.5970	2.4127	3.0100	2.4982	Lin	-0.005	2.6193							0.9981		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.3266 0.2762	0.3762	0.2977	0.3257	0.2858	Ave		0.3147				11.6		15.0			
1,3,5-Trimethylbenzene	1.7863 2.2311	2.3216	2.1831	2.5901	2.1238	Ave		2.2060				11.9		15.0			
trans-1,4-Dichloro-2-butene	0.1613 0.2443	0.2396	0.2140	0.2814	0.2490	Lin	-0.036	0.2449							0.9988		
4-Chlorotoluene	1.8239 2.0402	2.3694	2.0838	2.3908	2.0285	Ave		2.1228				10.3		15.0			
tert-Butylbenzene	1.3882 1.8393	1.8040	1.6402	2.0492	1.6762	Ave		1.7328				12.8		15.0			
1,2,4-Trimethylbenzene	1.6354 2.2998	2.1944	2.1031	2.6258	2.2401	Ave		2.1831				14.8		15.0			
sec-Butylbenzene	1.6338 2.3733	2.3068	2.1154	2.6118	2.1240	Lin	0.0146	2.3489							0.9963		
4-Isopropyltoluene	1.4996 2.2431	1.8981	1.8418	2.4041	2.0518	Lin	0.0207	2.2291							0.9977		
1,3-Dichlorobenzene	1.4003 1.3671	1.6797	1.3772	1.5837	1.3558	Ave		1.4606				9.4		15.0			
1,4-Dichlorobenzene	1.5524 1.4208	1.7983	1.4365	1.6437	1.4069	Ave		1.5431				10.0		15.0			
p-Diethylbenzene	0.7080 1.2198	0.9697	0.8871	1.2735	1.1011	Lin	0.0343	1.2140							0.9973		
Benzyl chloride	0.2535 0.3725	0.3087	0.3020	0.3838	0.3701	Lin	0.0118	0.3738							0.9998		
n-Butylbenzene	1.0913 1.7884	1.4827	1.4898	1.9798	1.6187	Lin	0.0178	1.7751							0.9968		
1,2-Dichlorobenzene	1.3964 1.3942	1.6620	1.3884	1.5893	1.3826	Ave		1.4688				8.4		15.0			
1,2,4,5-Tetramethylbenzene	0.9203 2.3593	1.3312	1.4462	2.2116	2.1544	Lin	0.0604	2.3643							0.9984		
1,2-Dibromo-3-Chloropropane	0.1674 0.2014	0.2002	0.1574	0.2044	0.1968	Ave		0.1879				10.7		15.0			
Nitrobenzene	0.0319 0.0795	0.0158	0.0182	0.0387	0.0577	Qua	0.9094	19.602	-2.303						0.9978		
Hexachlorobutadiene	0.7557 0.5141	0.5980	0.4760	0.5357	0.4501	Lin	0.0181	0.5068							0.9956		
1,2,4-Trichlorobenzene	0.3426 1.0600	0.5518	0.6886	0.9901	0.9944	Lin	0.0549	1.0648							0.9992		
Naphthalene	0.2394 2.7130	0.8513	1.1342	2.2300	2.5301	Lin	0.0918	2.7479							0.9986		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.2781 1.0013	0.5371	0.6465	0.9599	0.9652	Lin	0.0458	1.0082							0.9997		
Dibromofluoromethane	0.4988 0.3896	0.5126	0.4203	0.4537	0.3893	Ave		0.4441				12.1		15.0			
1,2-Dichloroethane-d4 (Surr)	0.6750 0.4948	0.7398	0.5612	0.6157	0.5163	Ave		0.6005				15.8	*	15.0			
Toluene-d8 (Surr)	1.3572 1.3422	1.5598	1.3030	1.4993	1.2893	Ave		1.3918				8.0		15.0			
4-Bromofluorobenzene	1.0127 0.8832	1.1245	0.8930	1.0086	0.8819	Ave		0.9673				10.2		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-24370/1	W2997.D
Level 2	IC 220-24370/2	W2998.D
Level 3	IC 220-24370/3	W2999.D
Level 4	ICIS 220-24370/4	W3000.D
Level 5	IC 220-24370/5	W3001.D
Level 6	IC 220-24370/6	W3002.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Pentachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	1734 395098	6901	15953	70509	144312	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Lin	2229 380376	6208	15410	64101	156076	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Lin	2327 449922	8021	19493	80281	175566	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Lin	1657 222269	4841	11864	41799	97545	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Lin	1807 222680	4342	11859	46754	97184	0.500 100	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	4453 410296	17941	42486	178425	367237	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Lin	4184 861239	17949	37588	158354	376324	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Lin	1283 212118	4491	9700	38995	99082	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloro-1-fluoroethane	FB	Lin	4516 859984	16677	39479	160094	356022	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Lin	1222 180547	4099	8061	32657	76702	5.00 1000	20.0	50.0	200	500
1,1-Dichloroethene	FB	Lin	1796 341431	6278	14333	60019	136099	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Lin	4935 993389	18197	41476	174931	397795	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	1837 425469	7823	17541	73912	153865	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Qua	655 101043	1971	4919	18225	38688	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Iodomethane	FB	Lin	738 387235	2483	5446	43710	148968	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Qua	768 212640	2325	5334	23958	76021	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Lin	2525 504992	8860	20362	88456	218808	0.500 100	2.00	5.00	20.0	50.0
Isopropyl alcohol	FB	Lin	274 53123	885	2102	7696	22405	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Lin	+++++ 411788	9357	18491	73593	184670	+++++ 100	2.00	5.00	20.0	50.0
Acetone	FB	Lin	+++++ 159780	5135	9386	31507	75235	+++++ 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Lin	2086 419733	7734	17997	71556	176210	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	8075 1726150	29470	69594	296840	798971	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	6465 1637750	26411	62465	283406	756022	0.500 100	2.00	5.00	20.0	50.0
2-Methyl-2-propanol	FB	Lin	2288 308871	6217	12461	47287	137914	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Lin	2932 514270	9231	19507	84639	231907	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Ave	4333 1217140	18039	43944	199016	539403	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	1177 354031	5038	12367	58082	137699	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	3456 767030	13559	32401	134119	338668	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Ave	1536 341426	5883	13483	57157	156297	1.00 200	4.00	10.0	40.0	100
Vinyl acetate	FB	Ave	3150 1025450	13652	34516	165983	465884	0.500 100	2.00	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	5226 1540900	22051	54963	254961	696852	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	2415 499546	8481	19938	85048	217038	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Lin	4065 782056	13602	32395	137151	330830	0.500 100	2.00	5.00	20.0	50.0
1-Bromopropane	FB	Ave	2395 553709	8963	21677	93830	227181	0.500 100	2.00	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	1133 245500	4653	11421	48099	120398	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Qua	1826 590461	8310	20591	99693	212842	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	4265 887245	15846	37484	155442	397292	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Lin	3238 789143	14298	32662	137065	312785	0.500 100	2.00	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	1147 309879	4340	11057	49216	142372	1.00 200	4.00	10.0	40.0	100
Methyl acrylate	FB	Ave	1525 443658	6074	15248	70571	199673	0.500 100	2.00	5.00	20.0	50.0
Ethyl acetate	FB	Ave	554 113583	1857	3990	19424	52679	1.00 200	4.00	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	3746 900034	15576	37102	155853	365842	0.500 100	2.00	5.00	20.0	50.0
2-Butanone (MEK)	FB	Ave	+++++ 208493	3652	8081	34100	94223	+++++ 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	2417 656066	9645	25078	109815	254596	0.500 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Ave	3004 887983	13473	33604	148660	353686	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	7487 1771730	28508	68160	304267	757580	0.500 100	2.00	5.00	20.0	50.0
n-Heptane	FB	Ave	1183 294079	4248	9513	47668	103600	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	2783 696643	11377	27320	115343	315782	5.00 1000	20.0	50.0	200	500
Methacrylonitrile	FB	Ave	1286 308300	5151	10672	53594	137122	0.500 100	2.00	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	4584 1536300	19985	50495	246575	685615	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Lin	301 67337	1575	3001	13043	32932	5.00 1000	20.0	50.0	200	500
1,2-Dichloroethane	FB	Ave	3788 810528	14782	34294	145610	376958	0.500 100	2.00	5.00	20.0	50.0
tert-Butyl Formate	FB	Qua	375 144646	1924	5652	27579	78895	0.500 100	2.00	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	39 27805	355	996	5566	8284	1.00 200	4.00	10.0	40.0	100
Methylcyclohexane	FB	Ave	2358 614848	8101	20719	96233	214578	0.500 100	2.00	5.00	20.0	50.0
Trichloroethene	FB	Ave	2400 555408	9090	22558	94526	233619	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	1243 336982	5686	13529	57475	151883	0.500 100	2.00	5.00	20.0	50.0
n-Butanol	FB	Lin	276 115450	974	2801	11588	44389	5.00 1000	20.0	50.0	200	500
1,2-Dichloropropane	FB	Ave	1799 428234	6739	16875	70268	188881	0.500 100	2.00	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	2884 727000	12142	28389	124693	325489	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Ave	138 40449	402	1095	5236	15967	5.00 1000	20.0	50.0	200	500
Methyl methacrylate	FB	Lin	981 438000	4753	12155	63248	192923	0.500 100	2.00	5.00	20.0	50.0
n-Propyl acetate	FB	Lin	326 139571	1623	4348	21501	60772	1.00 200	4.00	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Lin	528 213437	2362	5911	32065	92976	0.500 100	2.00	5.00	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	2506 831668	10888	28490	134967	368115	0.500 100	2.00	5.00	20.0	50.0
Toluene	CBZ	Ave	6754 2081900	29618	74064	347261	886543	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Lin	419 155818	1083	5323	24895	71246	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Ave	1257 383869	5364	13355	60271	176083	1.00 200	4.00	10.0	40.0	100
1,1-Dichloroacetone	CBZ	Ave	4096 1382690	17048	43667	215569	630820	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Ave	1801 447487	7028	17184	73232	178396	0.500 100	2.00	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	1181 440068	4662	12710	64698	196553	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Ave	2477 869636	10480	28826	140313	394494	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	1830 465263	6842	17414	77934	211285	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Lin	1364 579137	5697	15470	83426	256005	0.500 100	2.00	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	2251 635836	8849	22217	103528	288459	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	2872 817895	11686	30549	135368	369467	0.500 100	2.00	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	1725 520265	7124	18377	83477	235618	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Hexanone	CBZ	Lin	841 318141	2843	8578	47162	140088	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	5765 1428970	20798	54714	239146	626922	0.500 100	2.00	5.00	20.0	50.0
n-Butyl acetate	CBZ	Lin	716 215160	3341	6755	36171	85591	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Ave	1926 580359	7935	15654	99691	183074	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	2358 741378	10039	26422	122825	316408	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	1985 579480	8554	20900	96786	260825	0.500 100	2.00	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	5104 1812800	23301	62581	299545	777773	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Ave	2370 874021	10169	28117	142636	377522	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Ave	1436 471898	5723	15538	74163	211819	0.500 100	2.00	5.00	20.0	50.0
Styrene	CBZ	Lin	3053 1495650	14784	43060	231463	649760	0.500 100	2.00	5.00	20.0	50.0
Isopropylbenzene	DCB	Ave	5312 2120070	23597	66889	338576	878766	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	2344 667169	9456	23729	109460	299324	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	6085 2360150	26349	73261	375106	980888	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	1889 574788	7839	19983	92519	260835	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	5102 1827340	23208	65224	305106	793921	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Lin	4607 2202240	24235	70597	357159	932001	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	835 230673	3511	8711	38644	106621	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	4567 1863530	21665	63878	307337	792334	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin	825 408045	4472	12525	66771	185791	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Ave	4663 1704130	22111	60972	283690	756794	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	3549 1536310	16835	47991	243153	625338	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	DCB	Ave	4181 1920910	20478	61538	311574	835734	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Lin	4177 1982340	21527	61898	309908	792409	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Lin	3834 1873560	17713	53892	285264	765487	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	3580 1141920	15675	40297	187924	505820	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	3969 1186750	16782	42032	195035	524896	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Lin	1810 1018880	9049	25958	151110	410797	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Lin	648 311166	2881	8838	45538	138069	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Lin	2790 1493760	13837	43591	234921	603904	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	3570 1164510	15510	40626	188582	515795	0.500 100	2.00	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Lin	2353 1970680	12423	42317	262423	803750	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	428 168240	1868	4606	24252	73408	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Qua	816 663690	1477	5334	45962	215426	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Lin	1932 429408	5581	13928	63569	167935	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Lin	876 885416	5149	20149	117482	371002	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Lin	612 2266070	7944	33187	264606	943900	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Lin	711 836338	5012	18918	113896	360097	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	2404 500421	8399	20503	84789	225631	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	3253 635405	12120	27380	115071	299268	0.500 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	6527 1780700	25841	65121	290594	758754	0.500 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	2589 737720	10494	26130	119674	329016	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1 Analy Batch No.: 24370

SDG No.: 220-8033

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/16/2009 18:01 Calibration End Date: 02/16/2009 20:28 Calibration ID: 2944

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W2997.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 16-FEB-2009 18:01 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;0.5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W8260LOW.M
Meth Date : 17-Feb-2009 09:45 msw.i Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	240965	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	1734	0.50000	0.5(M)
3	Chloromethane	50	1.164	1.164	(0.234)	2229	0.50000	0.3(M)
4	Vinyl Chloride	62	1.175	1.175	(0.237)	2327	0.50000	0.2(M)
5	Bromomethane	94	1.373	1.373	(0.276)	1657	0.50000	-1(M)
6	Chloroethane	64	1.442	1.442	(0.290)	1807	0.50000	-1(M)
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	4453	0.50000	0.6
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	4184	0.50000	-0.8(T)
9	Ethyl Ether	45	1.742	1.742	(0.351)	1283	0.50000	-1
10	Ethanol	45	1.795	1.795	(0.361)	1222	5.00000	-5(M)
11	Freon 141	81	1.795	1.795	(0.361)	4516	0.50000	-0.5
12	Freon 123	67	1.908	1.908	(0.384)	655	0.50000	-1(M)
13	Trichlorotrifluoroethane	101	1.897	1.897	(0.382)	1837	0.50000	0.5
14	1,1-Dichloroethene	96	1.865	1.865	(0.375)	1796	0.50000	0.1
15	Carbon Disulfide	76	1.886	1.886	(0.380)	4935	0.50000	0.07(M)
16	Iodomethane	142	1.972	1.972	(0.397)	738	0.50000	3(M)
17	Acrolein	56	2.116	2.116	(0.426)	768	2.50000	2(M)
18	2-Propanol	45	2.261	2.261	(0.455)	274	0.50000	0.8(M)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	2525	0.50000	-0.2(M)
20	Methylene Chloride	84	2.304	2.304	(0.464)	4247	0.50000	-0.7
21	Acetone	43	2.347	2.347	(0.472)	2333	0.50000	-2(M)
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	2086	0.50000	-0.1

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.495)	8075	0.50000	0.5
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.511)	6465	0.50000	0.5(M)
	25 tert-Butyl alcohol	59	2.646	2.646	(0.533)	2288	2.50000	1(M)
	27 Isopropyl ether	45	2.908	2.908	(0.585)	4333	0.50000	0.5(M)
	28 tert-Butyl ethyl ether	59	3.304	3.304	(0.665)	5226	0.50000	0.4
	29 2-Chloro-1,3-Butadiene	88	2.983	2.983	(0.601)	1177	0.50000	0.4(M)
	30 Acrylonitrile	53	3.053	3.053	(0.615)	1536	1.00000	1(M)
	31 1,1-Dichloroethane	63	3.015	3.015	(0.607)	3456	0.50000	0.5(M)
	32 Vinyl Acetate	43	3.299	3.299	(0.664)	3150	0.50000	0.4(M)
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	2415	0.50000	0.6
	34 2,2-Dichloropropane	77	3.689	3.689	(0.743)	4065	0.50000	-0.1
	35 Bromochloromethane	128	3.780	3.780	(0.761)	1133	0.50000	0.5
	36 1-Bromopropane	43	3.764	3.764	(0.758)	2395	0.50000	0.5(T)
	37 Cyclohexane	84	3.786	3.786	(0.762)	1826	0.50000	-0.8(M)
	38 Chloroform	83	3.882	3.882	(0.781)	4265	0.50000	0.5
	39 Ethyl Acetate	43	4.053	4.053	(0.816)	554	1.00000	1(M)
	40 Methyl Acrylate	55	4.048	4.048	(0.815)	1525	0.50000	0.4(M)
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	2404	0.50000	0.6(M)
	42 Tetrahydrofuran	42	4.048	4.048	(0.815)	1147	1.00000	1.0(M)
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	3238	0.50000	0.1
	44 1,1,1-Trichloroethane	97	4.091	4.091	(0.823)	3746	0.50000	0.5
	45 2-Butanone	43	4.219	4.219	(0.849)	1421	0.50000	2(M)
	46 1,1-Dichloropropene	75	4.219	4.219	(0.849)	2417	0.50000	0.5(M)
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	4584	0.50000	0.4(M)
	48 tert-Butyl formate	57	4.850	4.850	(0.976)	375	0.50000	1(M)
	49 1-Chlorobutane	56	4.294	4.294	(0.864)	3004	0.50000	0.4(M)
	50 Heptane	43	4.508	4.508	(0.907)	1183	0.50000	0.5(M)
	51 Propionitrile	54	4.524	4.524	(0.911)	2783	5.00000	5
	52 Benzene	78	4.492	4.492	(0.904)	7487	0.50000	0.5
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.915)	1286	0.50000	0.5(M)
$	55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.933)	3253	0.50000	0.6(M)
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	3788	0.50000	0.5(M)
	59 Methyl Cyclohexane	83	5.134	5.134	(1.033)	2358	0.50000	0.5(M)
	60 Trichloroethene	130	5.160	5.160	(1.039)	2400	0.50000	0.5
	61 Isopropyl Acetate	43	5.134	5.134	(1.033)	39	1.00000	0.4(M)
	62 n-Butanol	56	5.663	5.663	(1.140)	276	5.00000	31(M)
	63 Dibromomethane	93	5.626	5.626	(1.132)	1243	0.50000	0.4
	64 1,2-Dichloropropane	63	5.744	5.744	(1.156)	1799	0.50000	0.5(M)
	65 Bromodichloromethane	83	5.840	5.840	(1.176)	2884	0.50000	0.5
	66 Methyl Methacrylate	69	6.091	6.091	(1.226)	981	0.50000	0.9(M)
	67 1,4-Dioxane	58	6.091	6.091	(1.226)	138	5.00000	5(M)
	68 n-Propyl Acetate	43	6.557	6.557	(1.320)	326	1.00000	1(M)
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.322)	528	0.50000	0.8(M)
	70 cis-1,3-Dichloropropene	75	6.589	6.589	(1.326)	2506	0.50000	0.4(M)
	71 Chloroacetonitrile	48	7.081	7.081	(1.425)	419	5.00000	3(M)
	72 2-Nitropropane	41	7.140	7.140	(1.437)	1257	1.00000	0.9(T)
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.490)	2477	0.50000	0.4
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.527)	1830	0.50000	0.5
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	240461	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	6754	0.50000	0.4
$	77 Toluene-d8	98	6.814	6.814	(0.782)	6527	0.50000	0.5(M)
	78 1,1-Dichloro-2-propanone	43	7.167	7.167	(0.823)	4096	2.50000	2(TM)
	79 4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	1181	0.50000	0.4(M)
	80 Tetrachloroethene	164	7.332	7.332	(0.842)	1801	0.50000	0.5(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	7.680	7.680	(0.882)	1364	0.50000	0.9(M)
82	Dibromochloromethane	129	7.782	7.782	(0.893)	2251	0.50000	0.5(T)
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	2872	0.50000	0.5(T)
84	1,2-Dibromoethane	107	8.033	8.033	(0.922)	1725	0.50000	0.4
85	n-Butyl Acetate	56	8.777	8.777	(1.007)	716	0.50000	0.5(M)
86	2-Hexanone	43	8.429	8.429	(0.967)	841	0.50000	0.9(M)
87	1-Chlorohexane	91	8.788	8.788	(1.009)	1926	0.50000	0.5(M)
88	Chlorobenzene	112	8.729	8.729	(1.002)	5765	0.50000	0.5
89	1,1,1,2-Tetrachloroethane	131	8.836	8.836	(1.014)	1985	0.50000	0.4(T)
90	Ethylbenzene	106	8.809	8.809	(1.011)	2358	0.50000	0.4
91	Xylene (total)mp	106	9.018	9.018	(1.035)	5104	1.00000	0.8
92	Xylene (total)o	106	9.515	9.515	(1.092)	2370	0.50000	0.4
93	Styrene	104	9.579	9.579	(1.099)	3053	0.50000	0.6
94	Bromoform	173	9.563	9.563	(1.098)	1436	0.50000	0.4(M)
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	127832	25.0000	
96	Isopropylbenzene	105	9.874	9.874	(0.887)	5312	0.50000	0.4
97	Bromobenzene	156	10.205	10.205	(0.917)	2344	0.50000	0.5
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	1889	0.50000	0.5
99	4-Ethyltoluene	105	10.392	10.392	(0.934)	4607	0.50000	0.2
100	1,2,3-Trichloropropane	110	10.451	10.451	(0.939)	835	0.50000	0.5(M)
101	trans-1,4-Dichloro-2-Butene	53	10.510	10.510	(0.945)	825	1.00000	-0.2(M)
102	n-Propylbenzene	91	10.285	10.285	(0.925)	6085	0.50000	0.4
103	2-Chlorotoluene	91	10.392	10.392	(0.934)	5102	0.50000	0.4
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	4663	0.50000	0.4
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	4567	0.50000	0.4
106	tert-Butylbenzene	119	10.751	10.751	(0.966)	3549	0.50000	0.4
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	4181	0.50000	0.4
108	sec-Butylbenzene	105	10.906	10.906	(0.980)	4177	0.50000	0.7(M)
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	3834	0.50000	0.8(M)
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	3580	0.50000	0.5
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	3969	0.50000	0.5
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	3570	0.50000	0.5
113	Benzyl Chloride	126	11.345	11.345	(1.020)	648	0.50000	0.6(M)
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	1810	0.50000	1
115	n-Butylbenzene	91	11.382	11.382	(1.023)	2790	0.50000	0.8(M)
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	2353	0.50000	2(M)
119	1,2-Dibromo-3-chloropropane	75	12.078	12.078	(1.086)	428	0.50000	0.4(M)
120	Nitrobenzene	77	12.484	12.484	(1.122)	816	5.00000	26(M)
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.130)	876	0.50000	2(M)
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	1932	0.50000	1(M)
123	Naphthalene	128	12.805	12.805	(1.151)	612	0.50000	2(M)
124	1,2,3-Trichlorobenzene	180	12.934	12.934	(1.163)	711	0.50000	1(M)
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	2589	0.50000	0.5
M 126	1,2-Dichloroethene (total)	100				4501	1.00000	0.5
M 127	Xylene (total)	100				7474	1.50000	1

QC Flag Legend

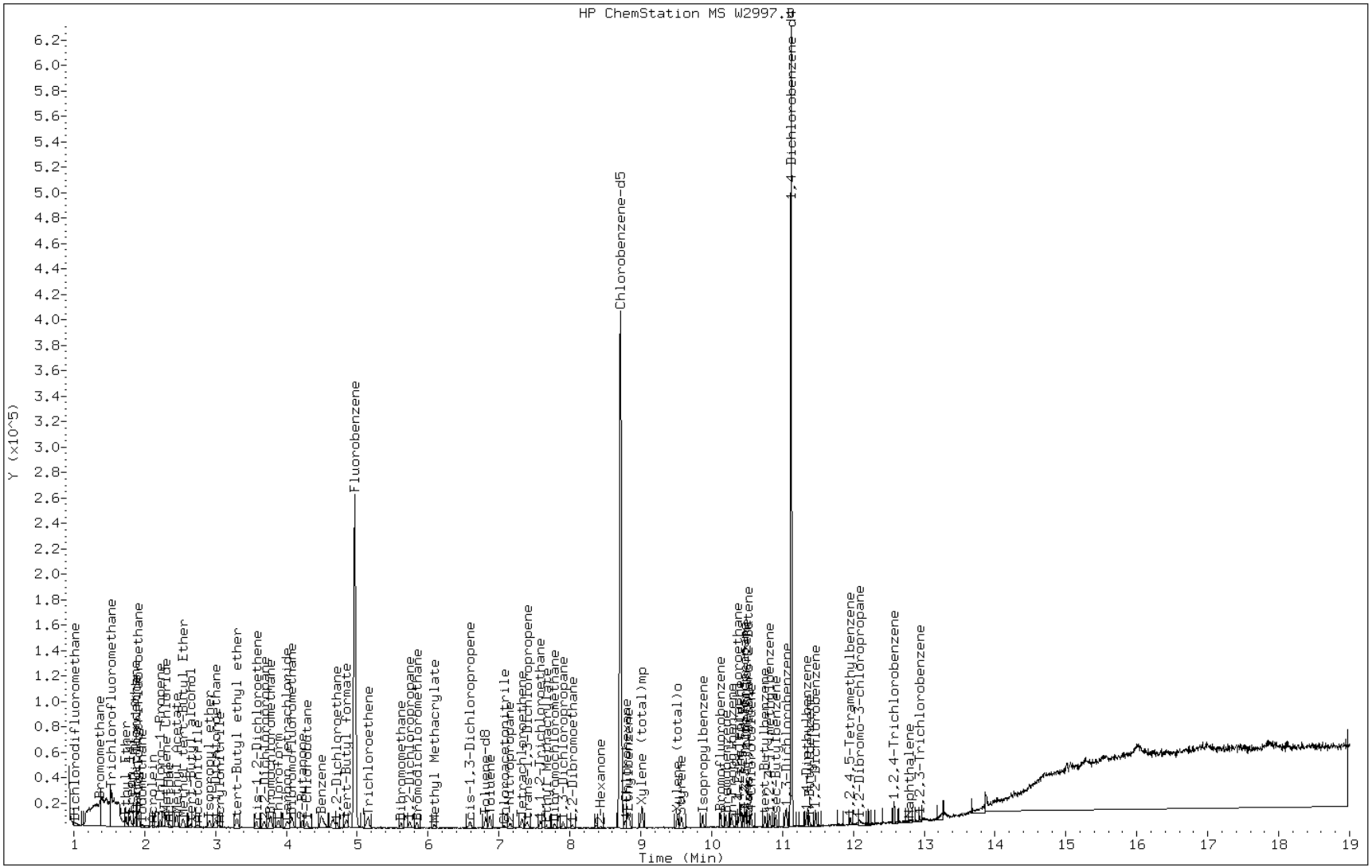
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: W2997.D

Date: 16-FEB-2009 18:01

Client ID: IC;0.5 Instrument: msw.i

Sample Info: IC;0.5 Operator: B.KOSTRZEWSKA



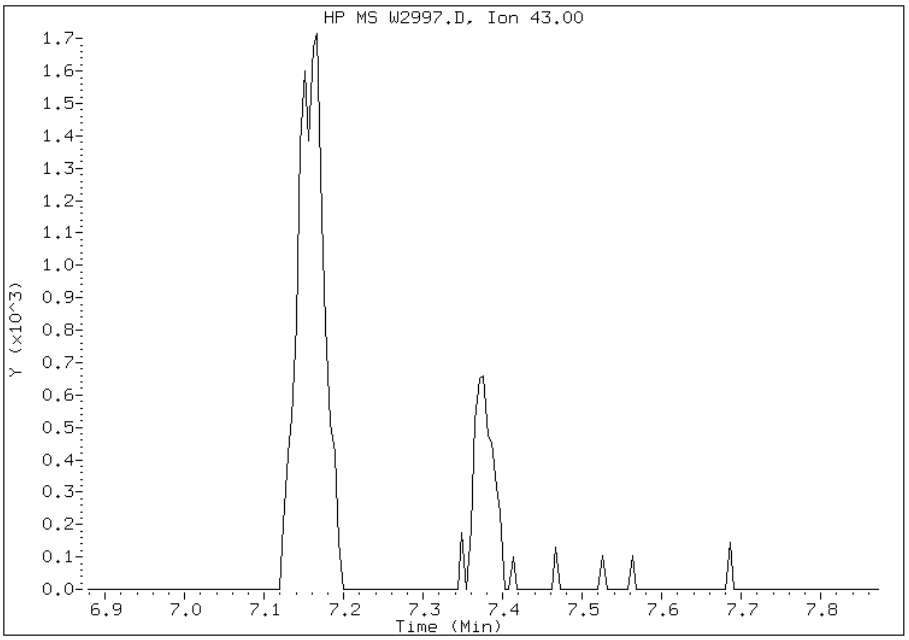
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 79 4-Methyl-2-Pentanone
CAS #: 108-10-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 7.38



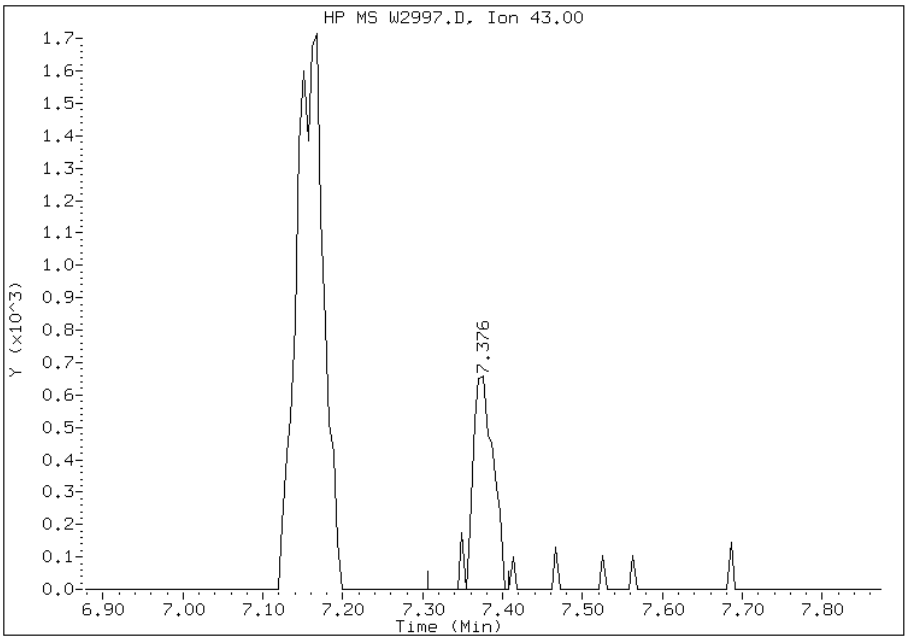
Manual Integration Results

RT: 7.38

Response: 1181

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason:

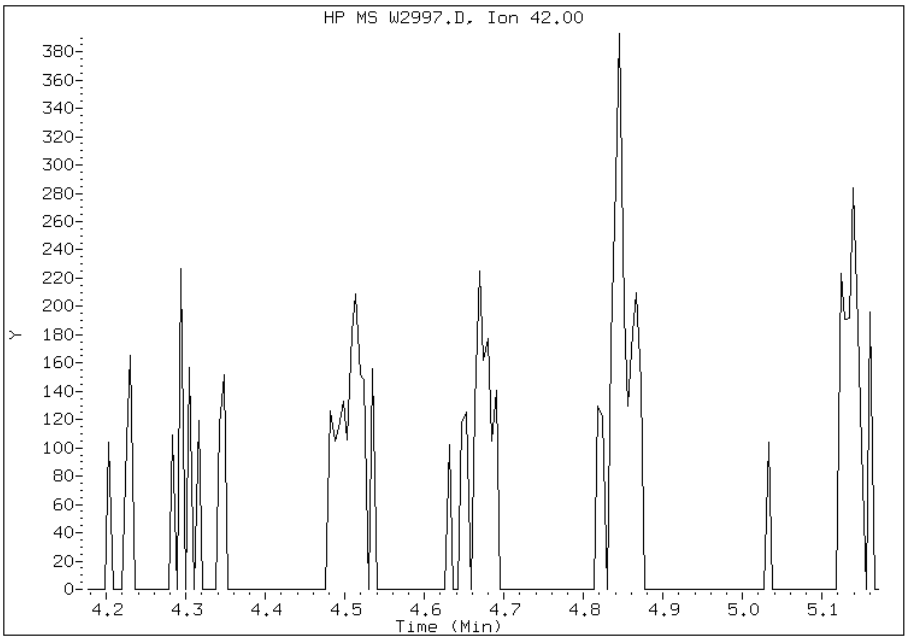
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.67



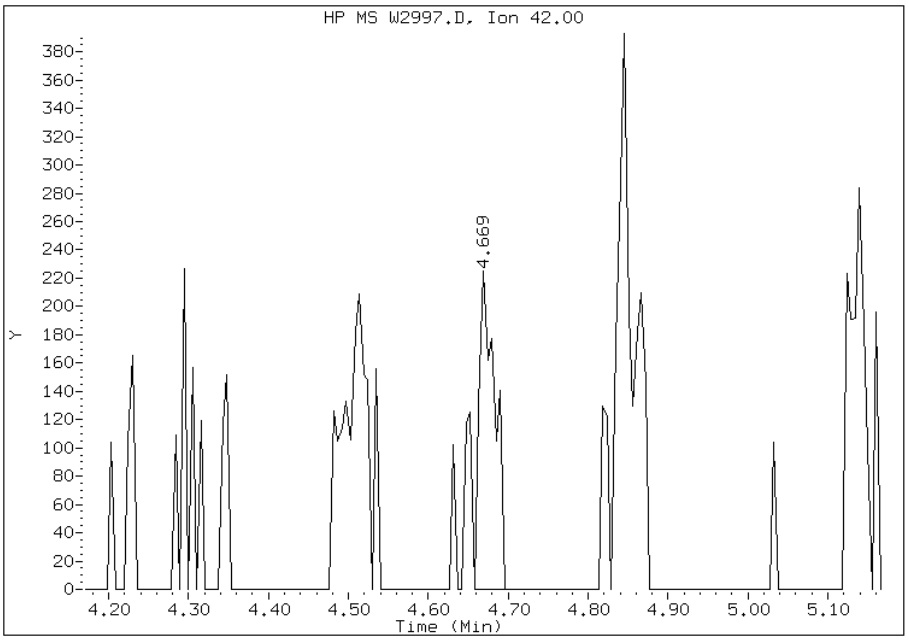
Manual Integration Results

RT: 4.67

Response: 301

Amount: -17

Conc: -17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

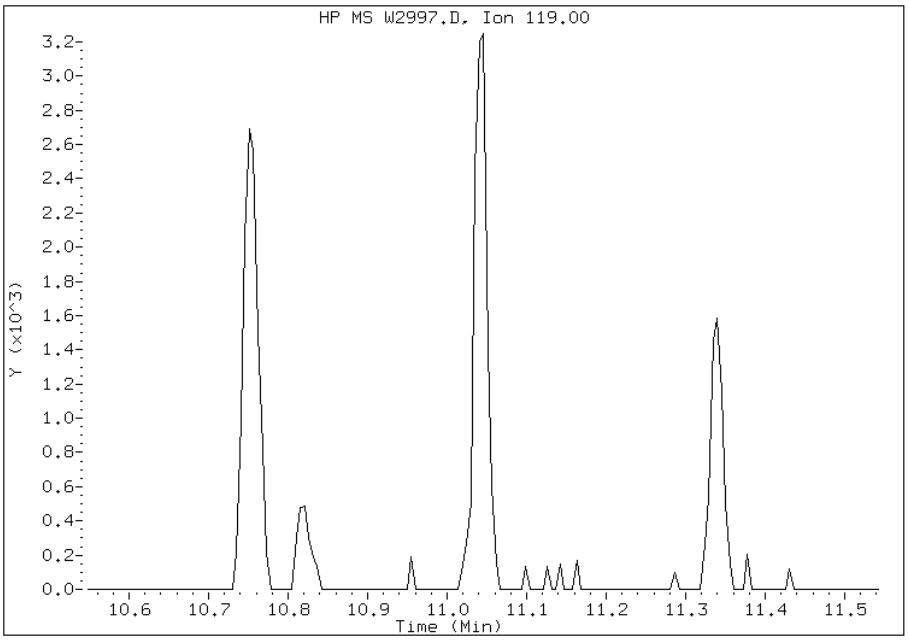
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 109 4-Isopropyltoluene
CAS #: 99-87-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 11.05



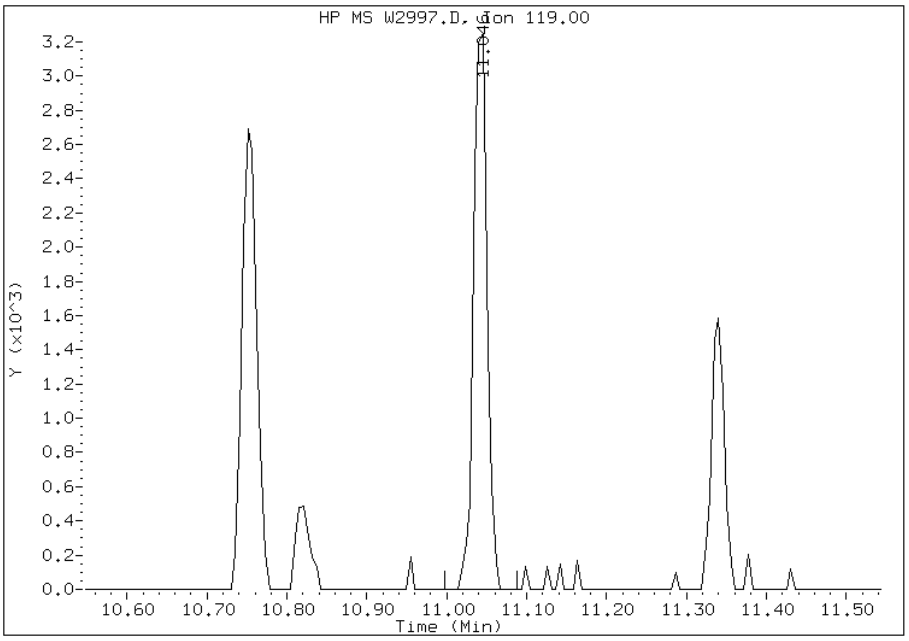
Manual Integration Results

RT: 11.05

Response: 3834

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

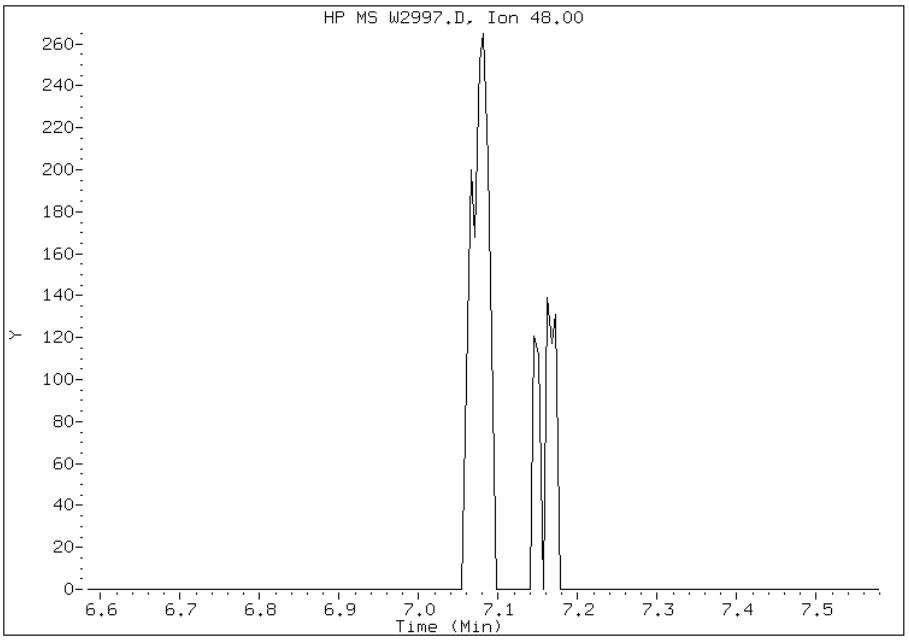
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 7.08



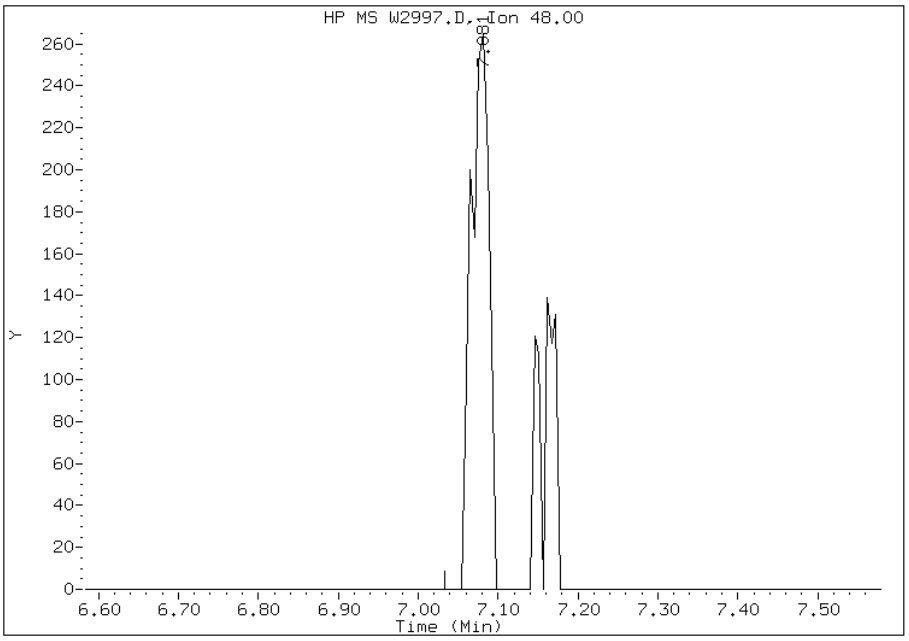
Manual Integration Results

RT: 7.08

Response: 419

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason:

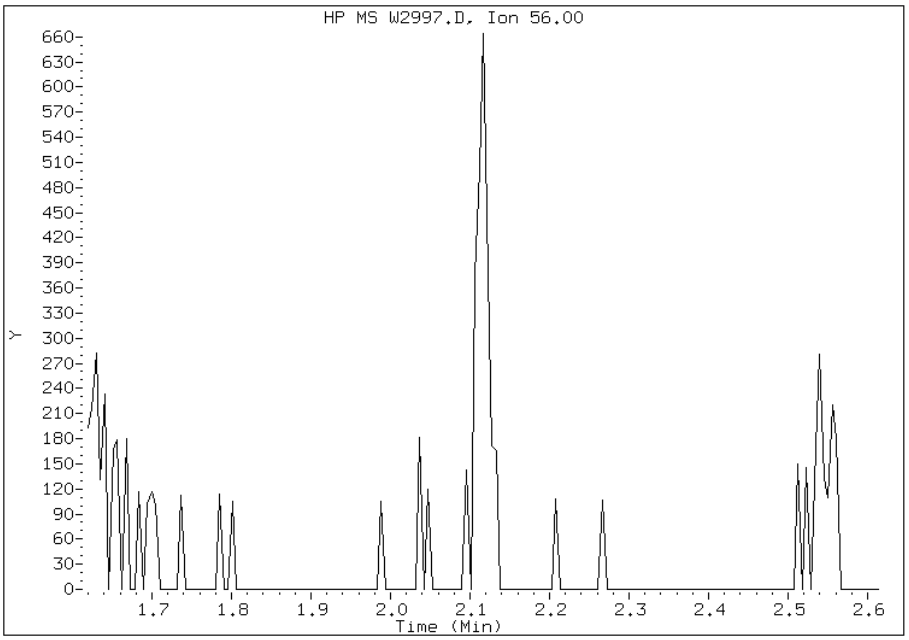
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 17 Acrolein
CAS #: 107-02-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 2.12



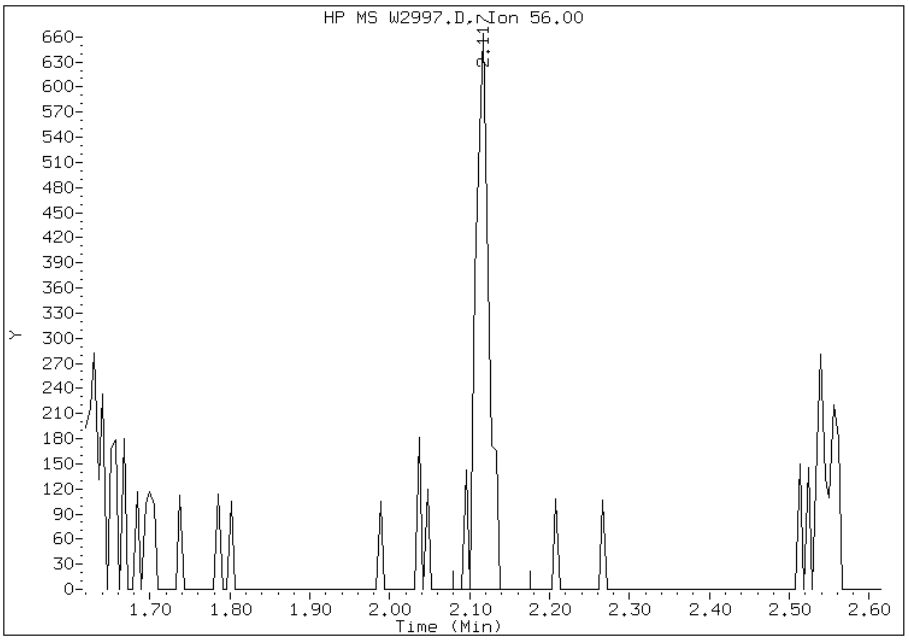
Manual Integration Results

RT: 2.12

Response: 768

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

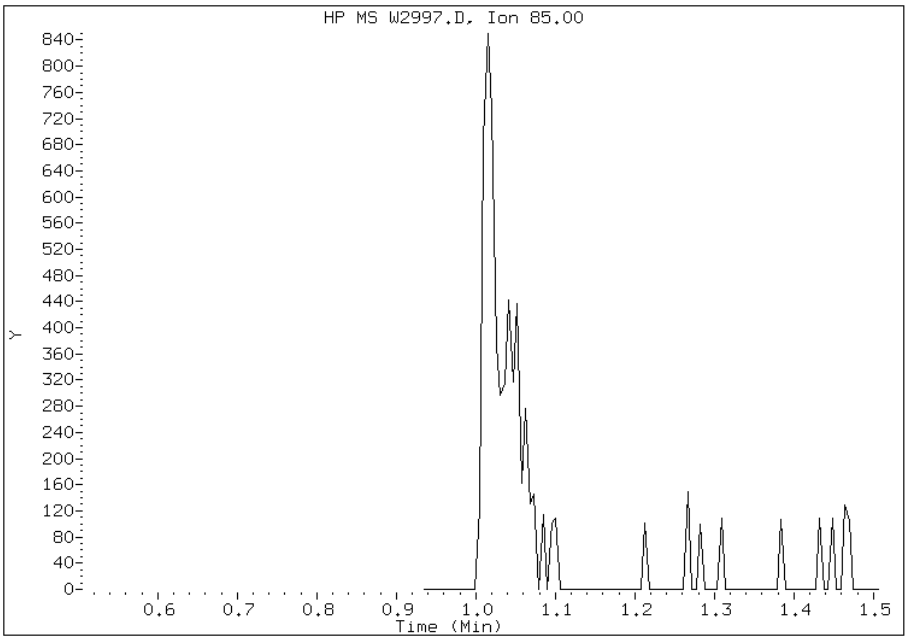
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.01



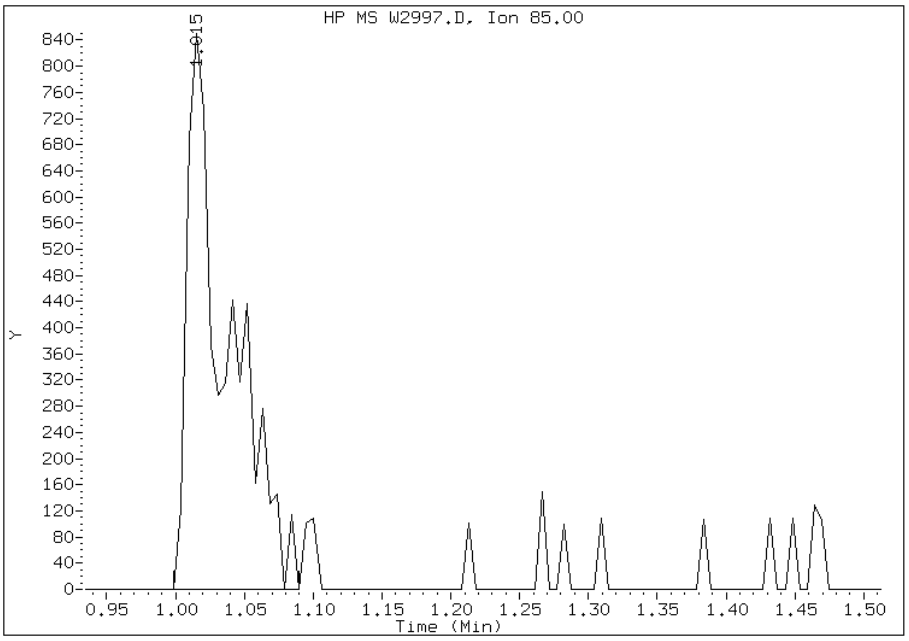
Manual Integration Results

RT: 1.01

Response: 1734

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

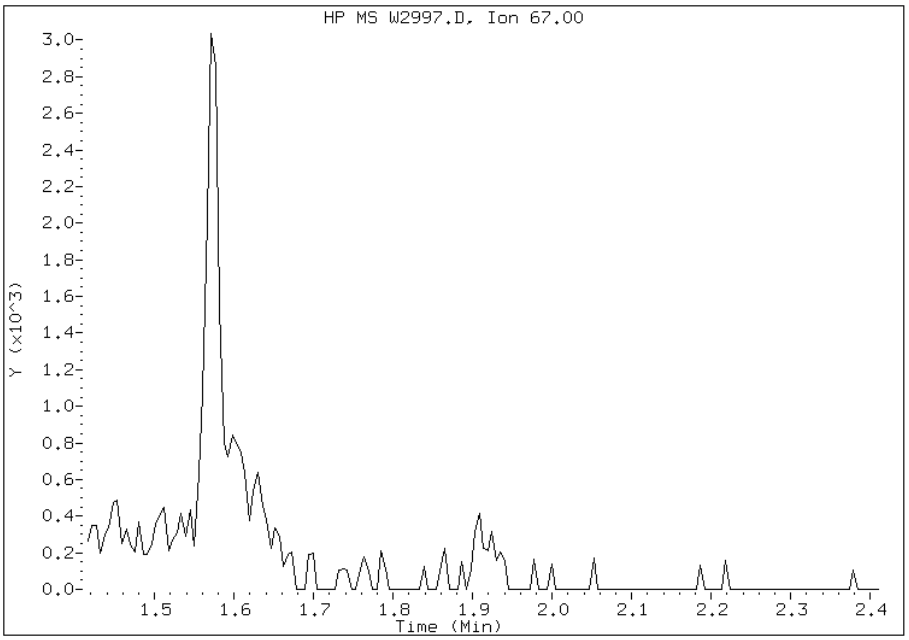
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 12 Freon 123
CAS #: 306-83-2
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.91



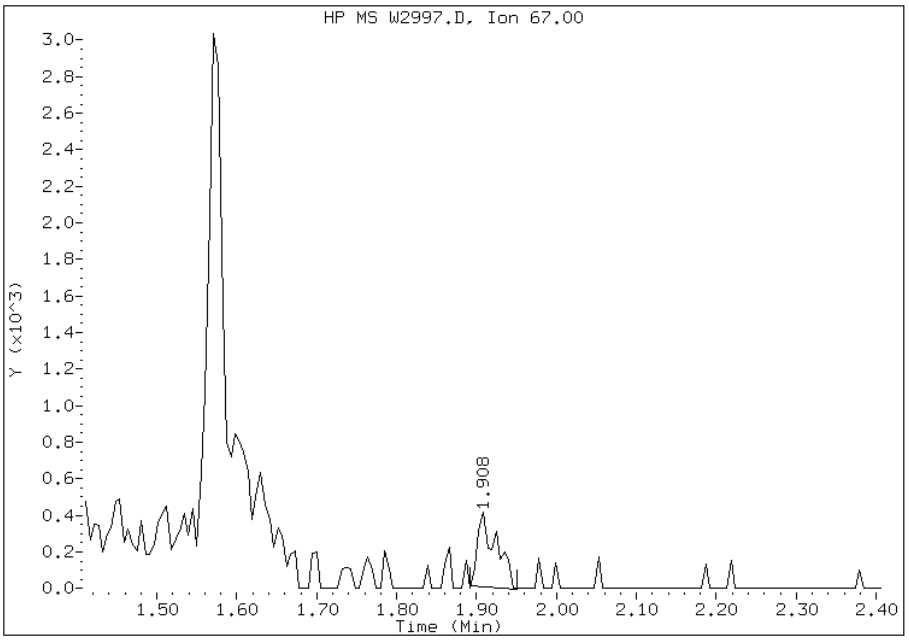
Manual Integration Results

RT: 1.91

Response: 655

Amount: -1

Conc: -1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

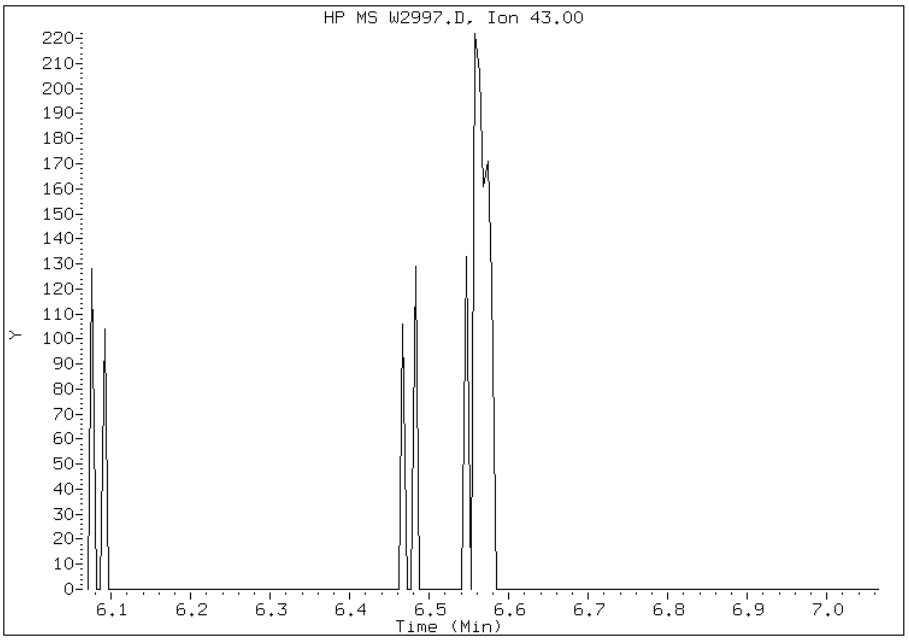
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.57



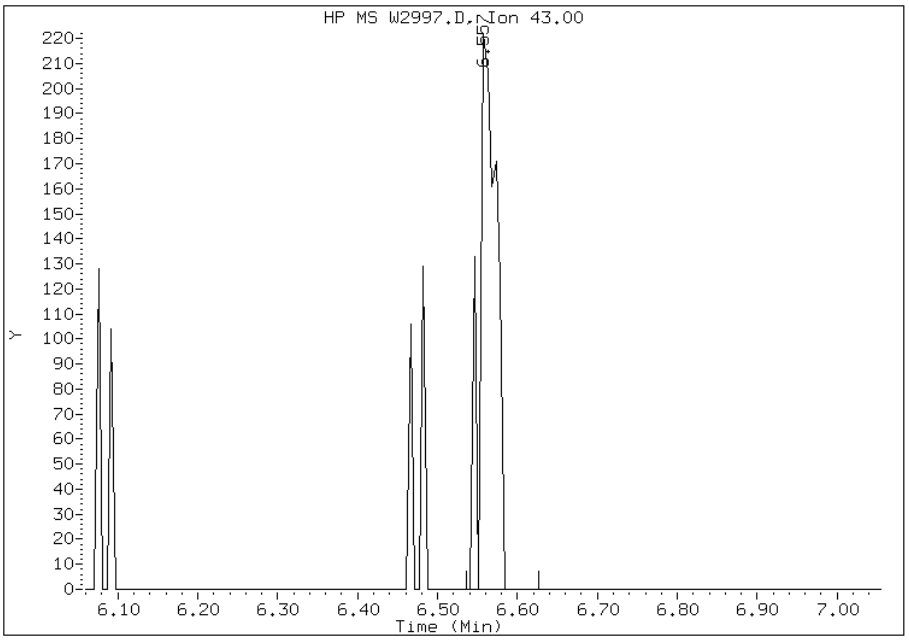
Manual Integration Results

RT: 6.56

Response: 326

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

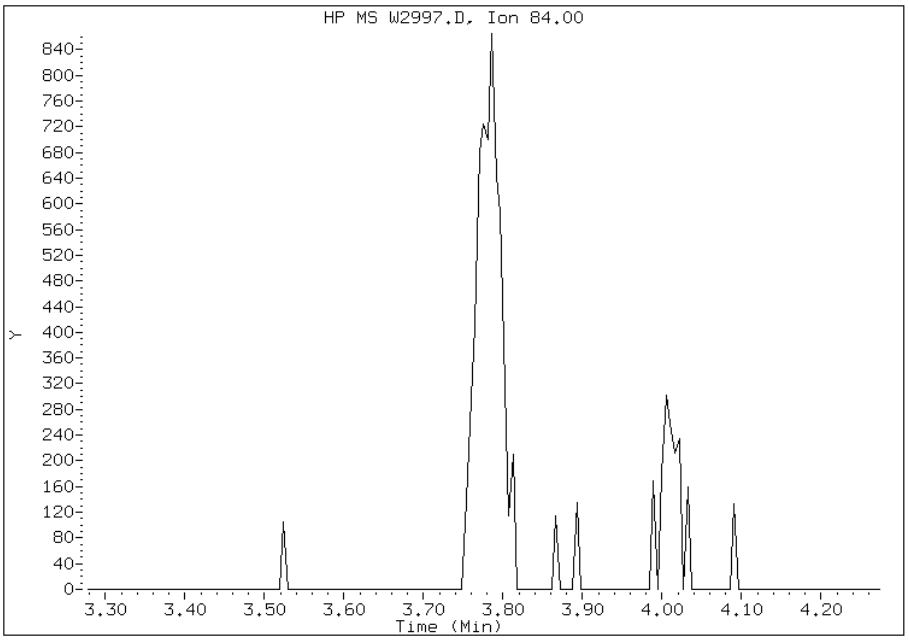
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 37 Cyclohexane
CAS #: 110-82-7
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 3.78



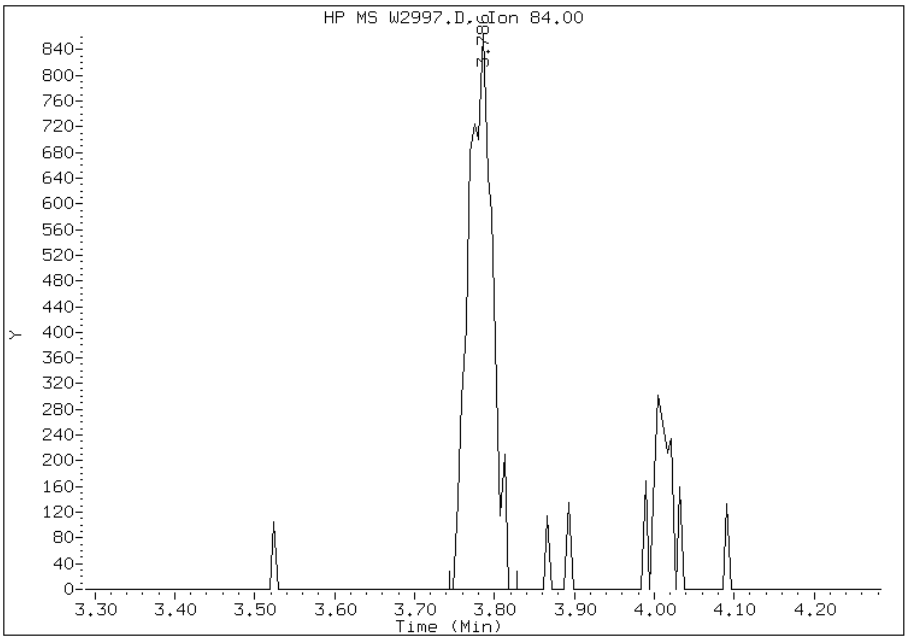
Manual Integration Results

RT: 3.79

Response: 1826

Amount: -1

Conc: -1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 27 Isopropyl ether
CAS #: 108-20-3
Report Date: 02/17/2009

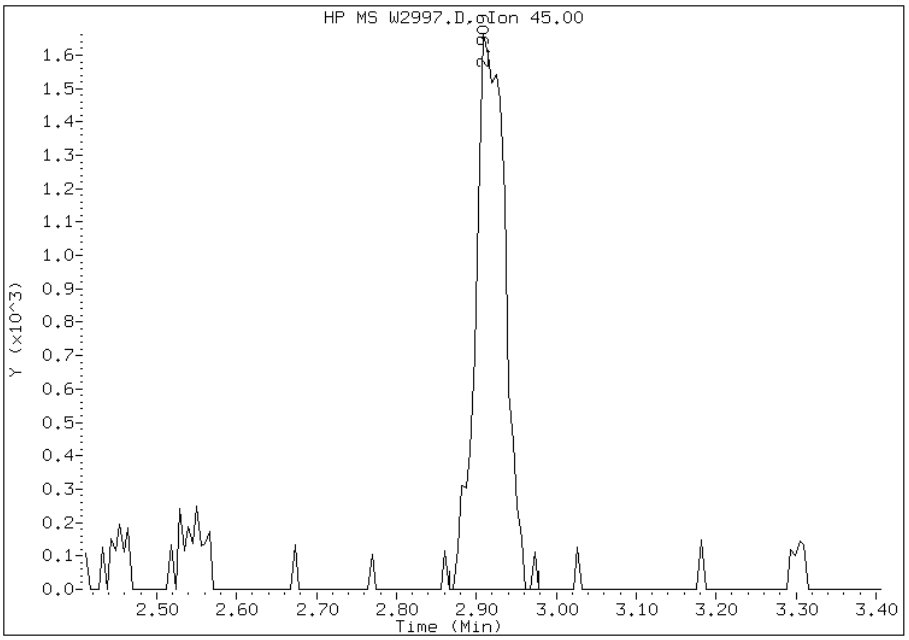
Processing Integration Results

RT: 2.91

Response: 4333

Amount: 0

Conc: 0



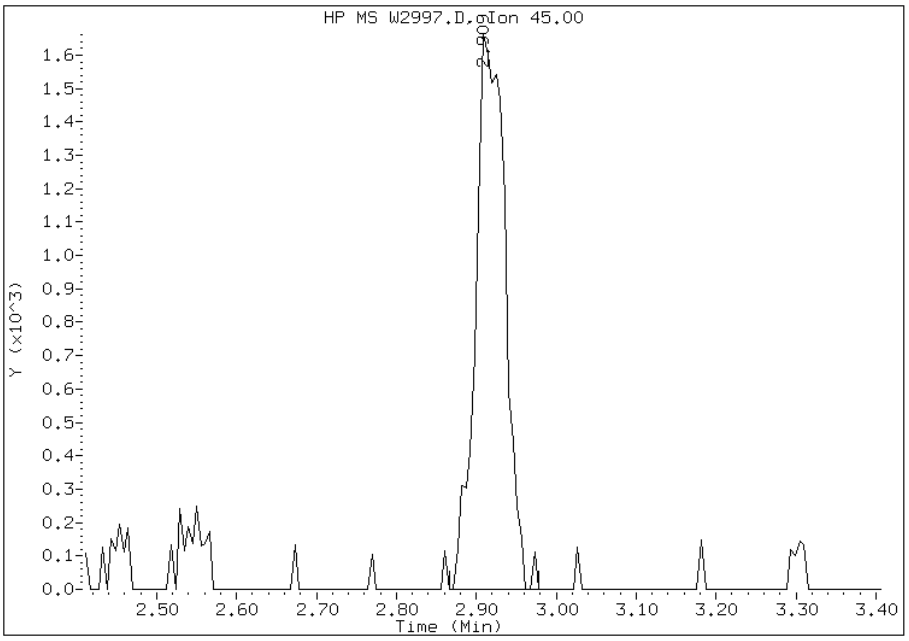
Manual Integration Results

RT: 2.91

Response: 4333

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

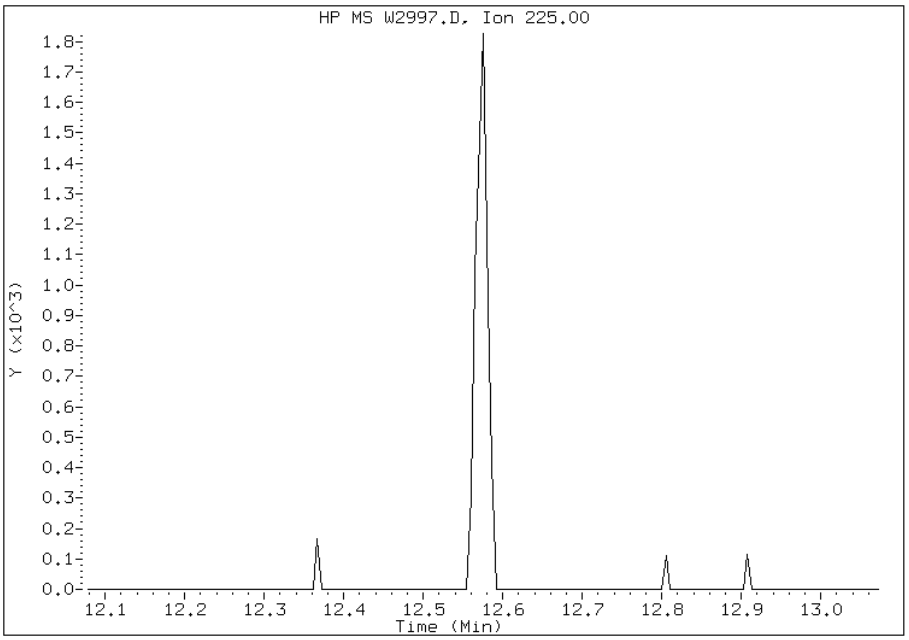
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 122 Hexachlorobutadiene
CAS #: 87-68-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.58



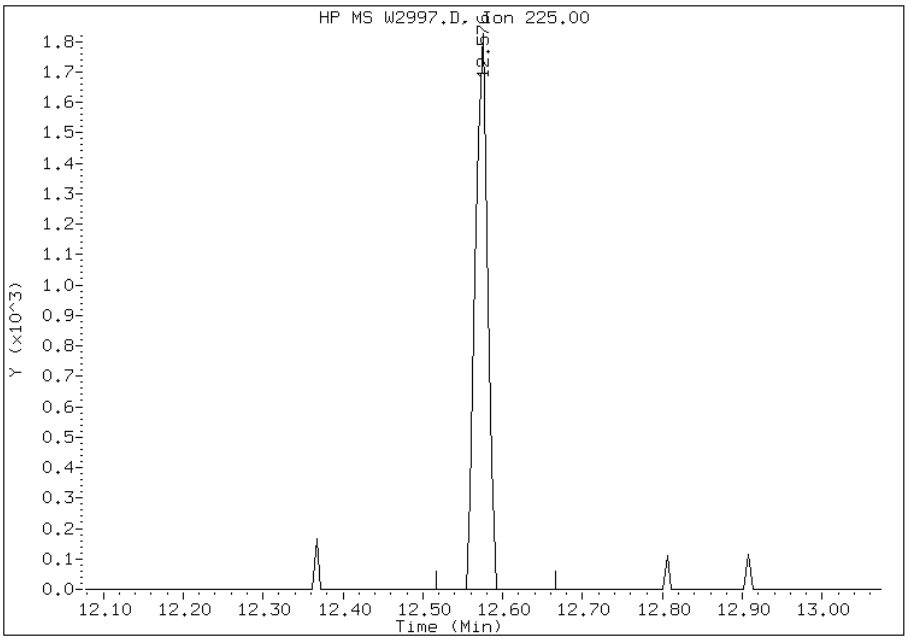
Manual Integration Results

RT: 12.58

Response: 1932

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

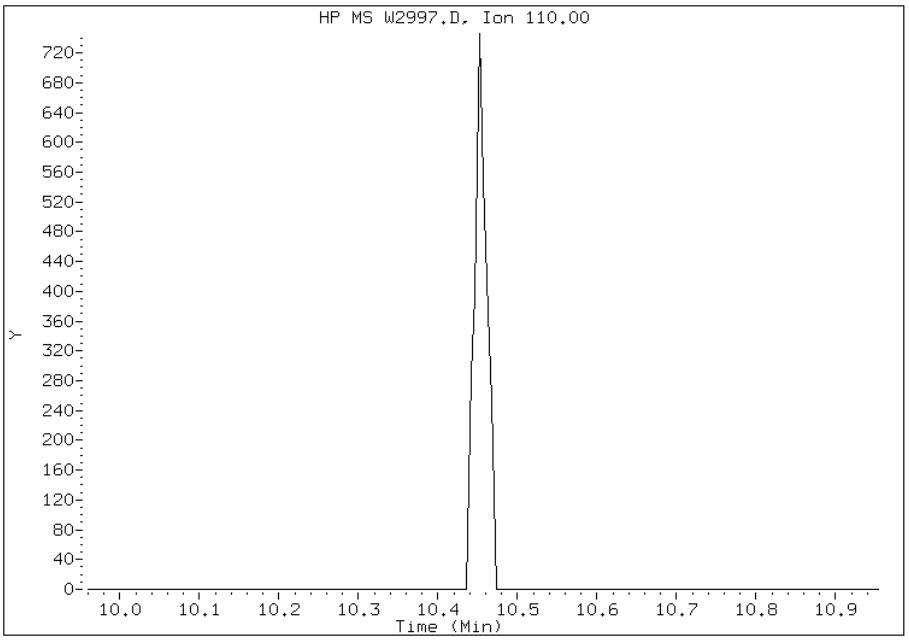
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 100 1,2,3-Trichloropropane
CAS #: 96-18-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 10.46



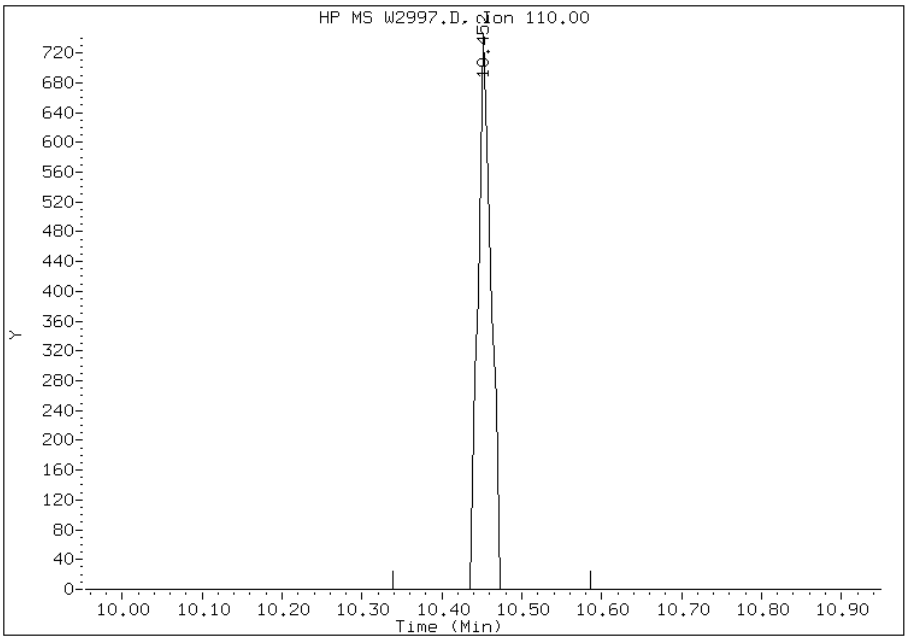
Manual Integration Results

RT: 10.45

Response: 835

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/17/2009

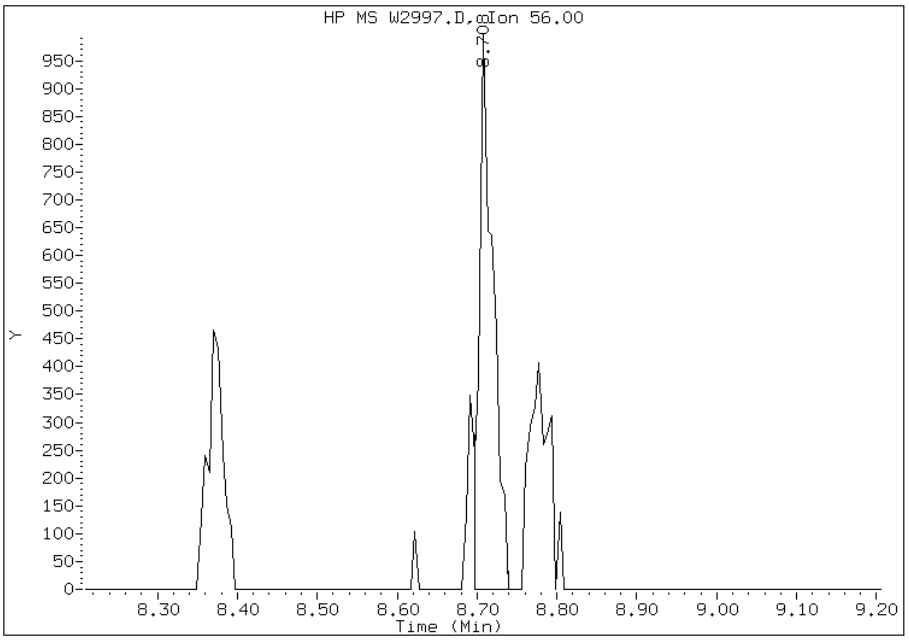
Processing Integration Results

RT: 8.71

Response: 1198

Amount: 1

Conc: 1



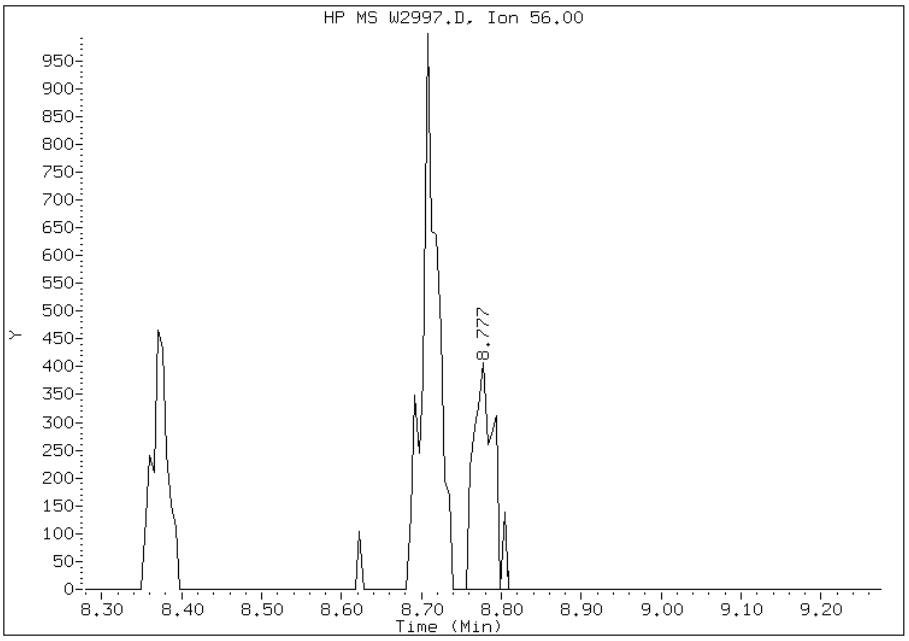
Manual Integration Results

RT: 8.78

Response: 716

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 02/17/2009

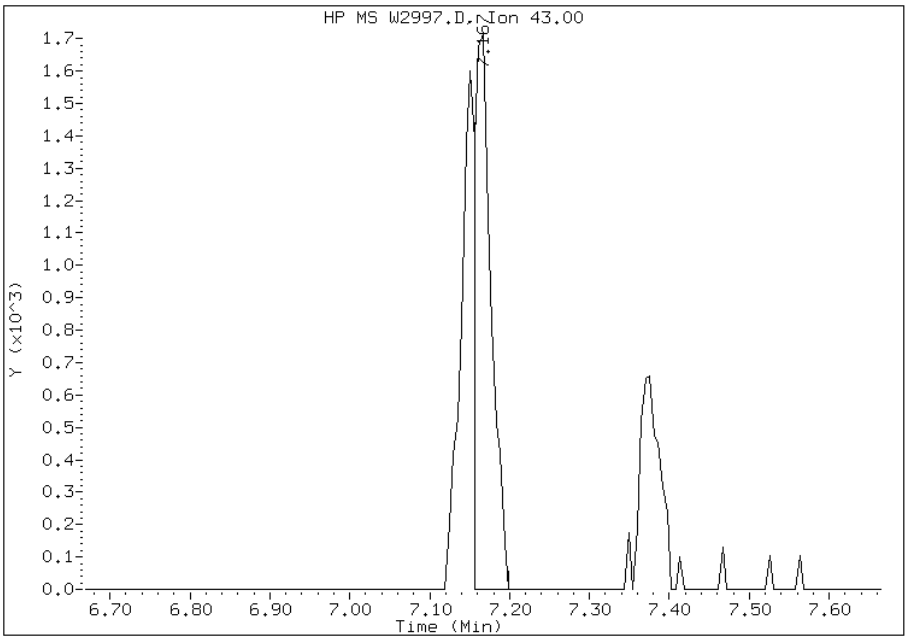
Processing Integration Results

RT: 7.17

Response: 2511

Amount: 1

Conc: 1



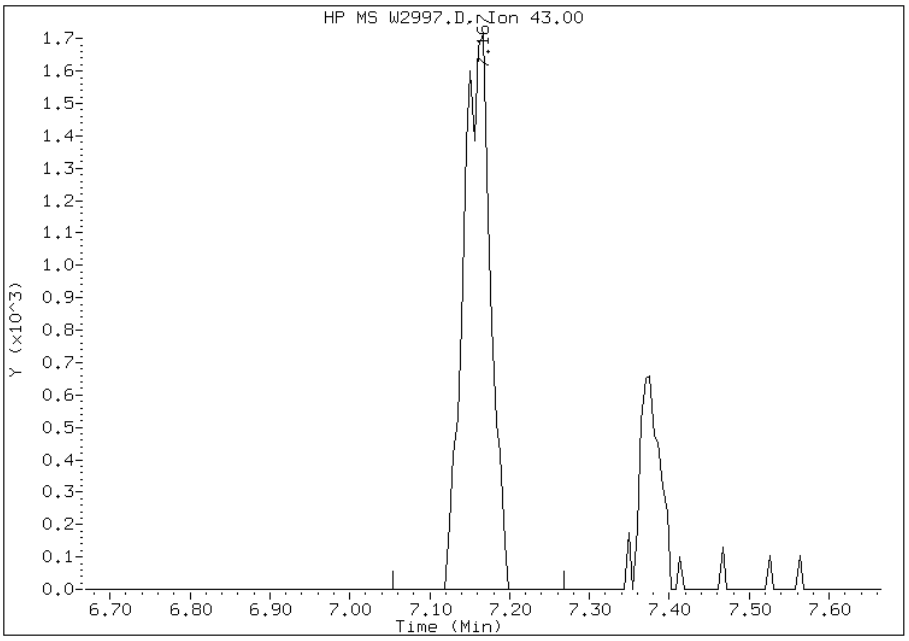
Manual Integration Results

RT: 7.17

Response: 4096

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 02/17/2009

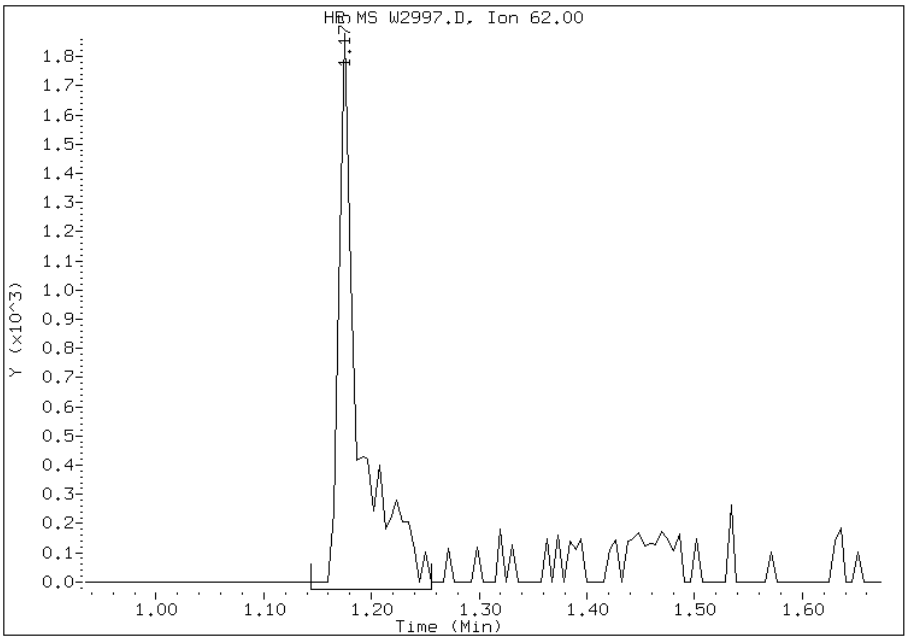
Processing Integration Results

RT: 1.18

Response: 2550

Amount: 1

Conc: 1



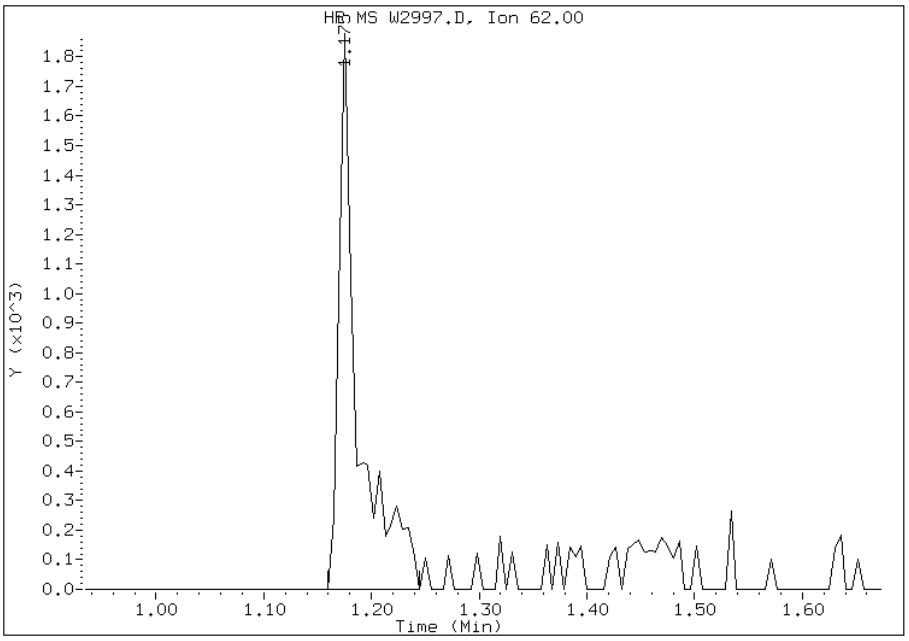
Manual Integration Results

RT: 1.18

Response: 2327

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

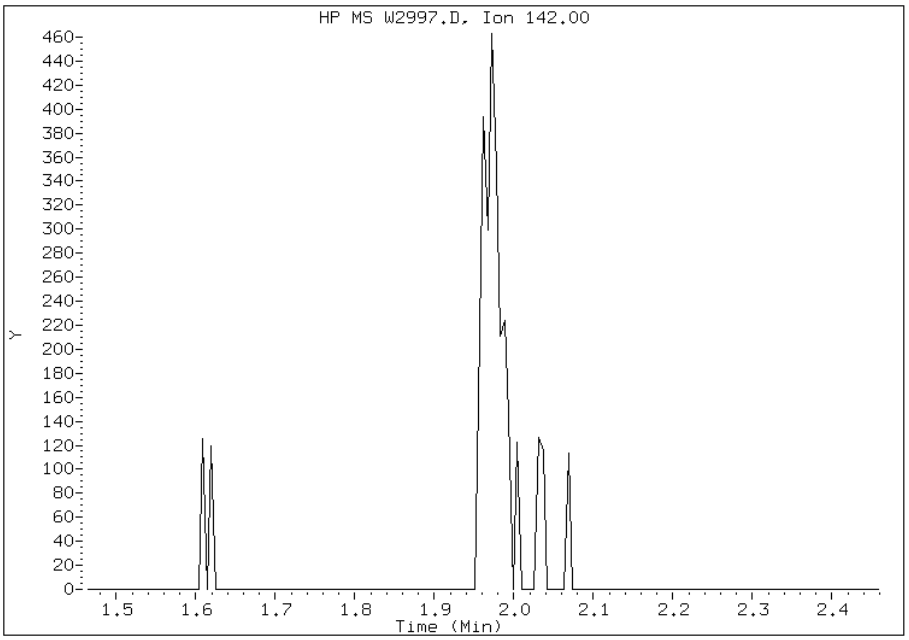
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.96



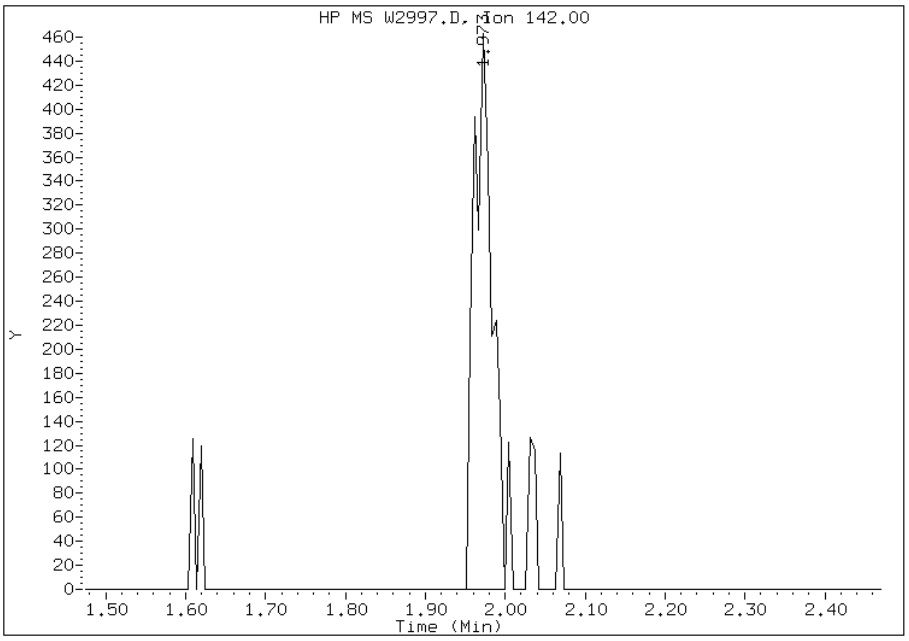
Manual Integration Results

RT: 1.97

Response: 738

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

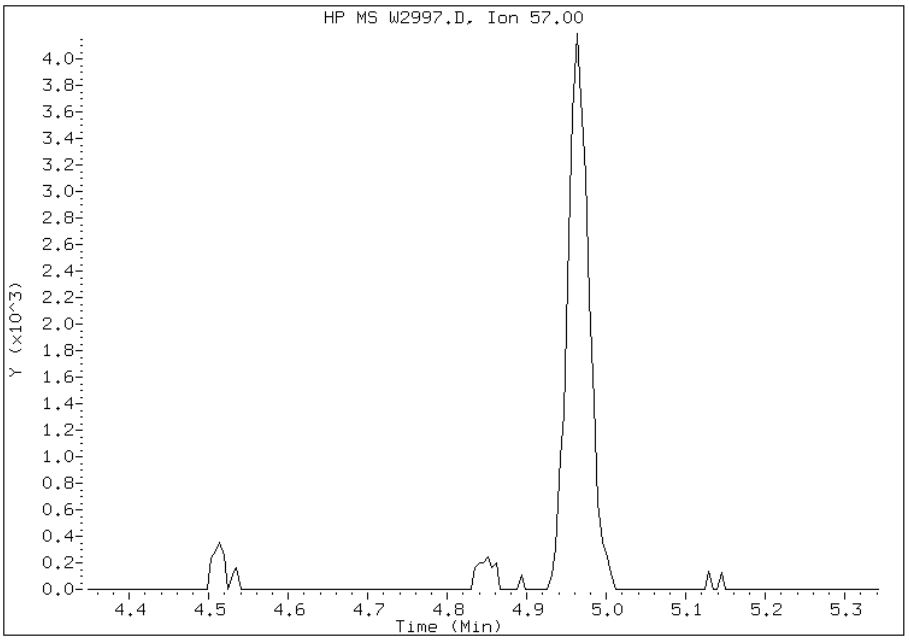
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 48 tert-Butyl formate
CAS #: 762-75-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.85



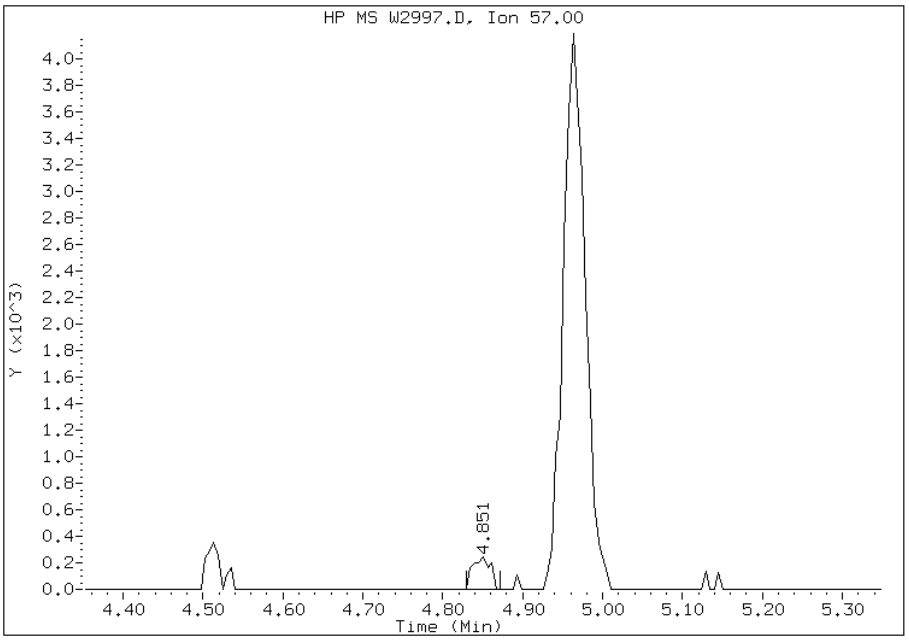
Manual Integration Results

RT: 4.85

Response: 375

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

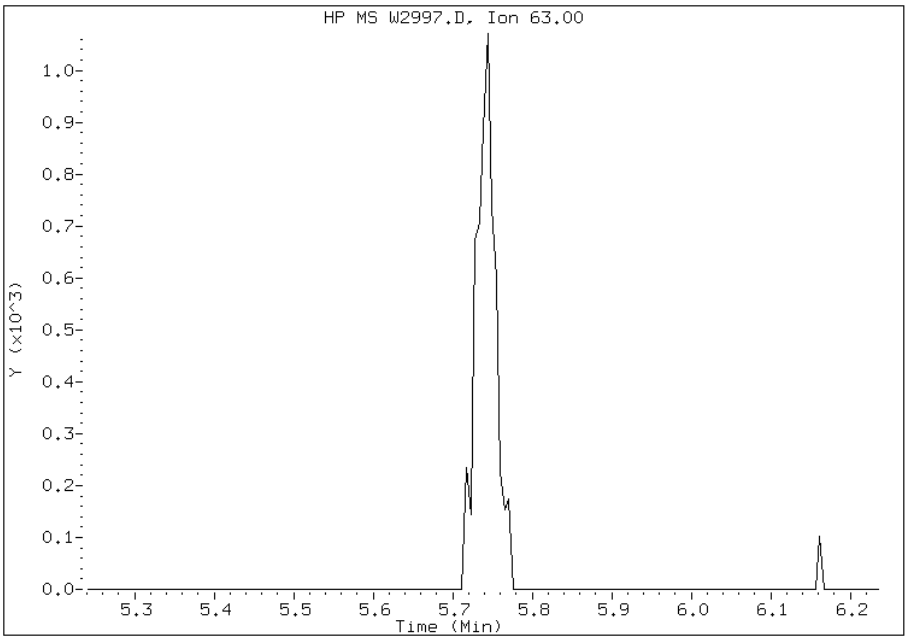
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 64 1,2-Dichloropropane
CAS #: 78-87-5
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 5.74



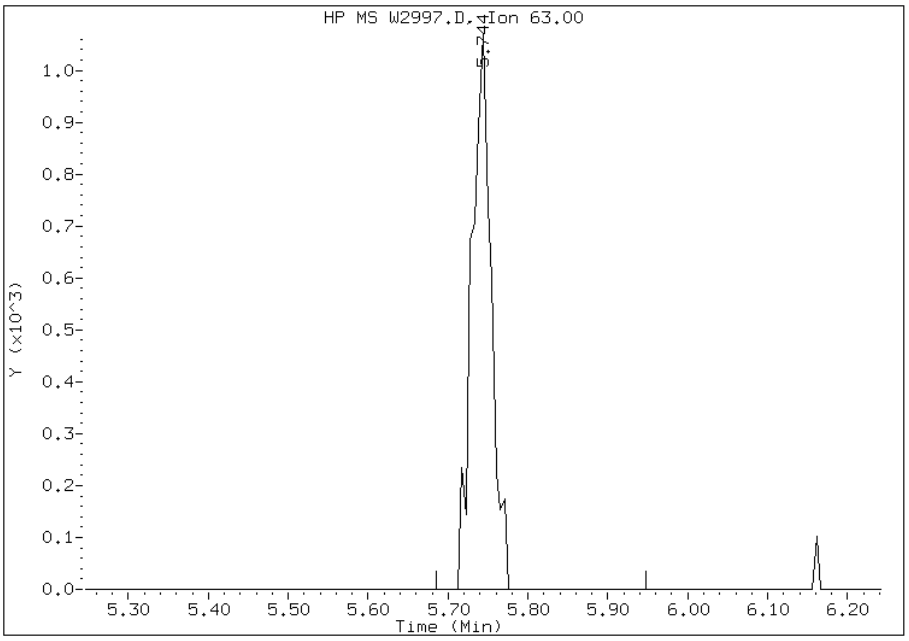
Manual Integration Results

RT: 5.74

Response: 1799

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

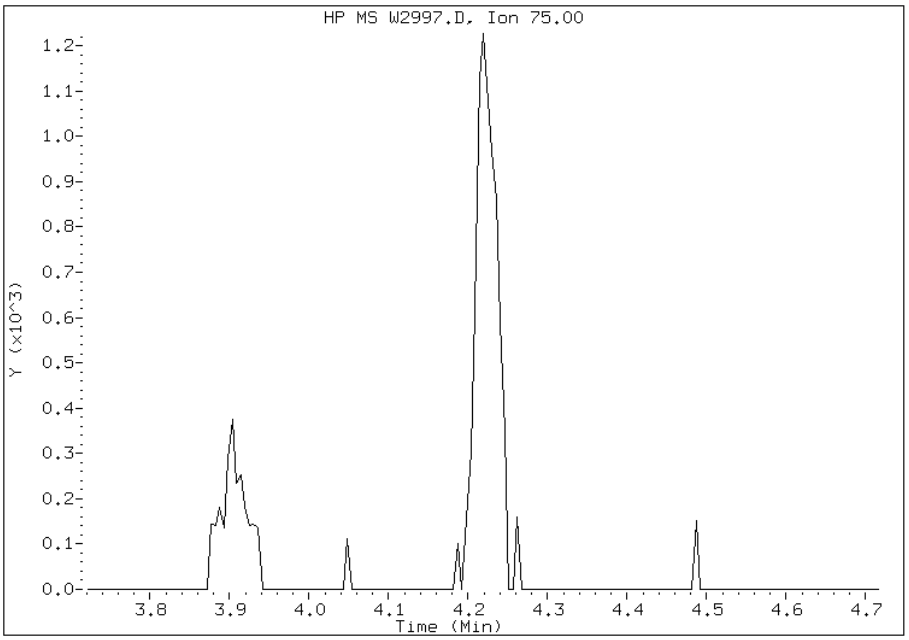
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 46 1,1-Dichloropropene
CAS #: 563-58-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.22



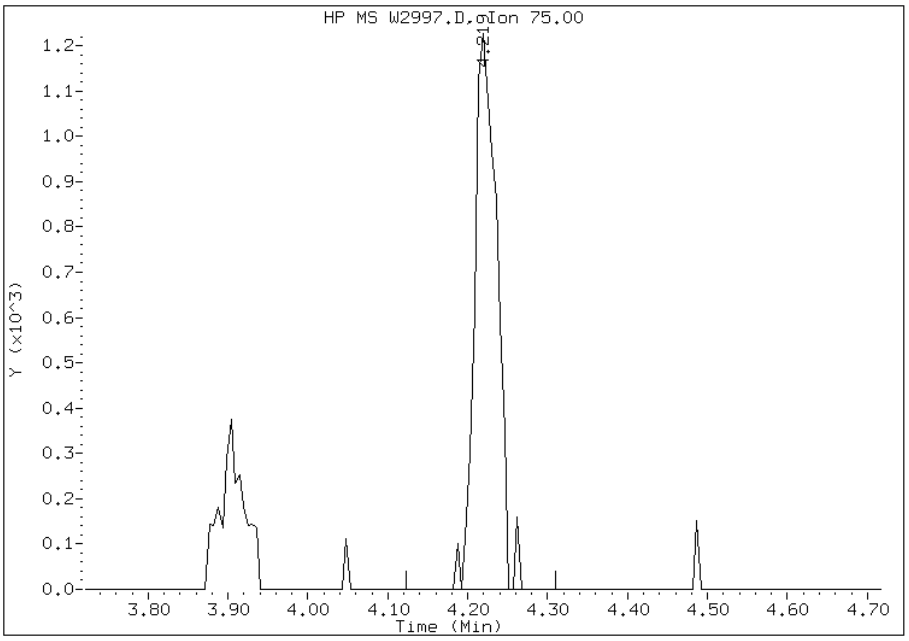
Manual Integration Results

RT: 4.22

Response: 2417

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

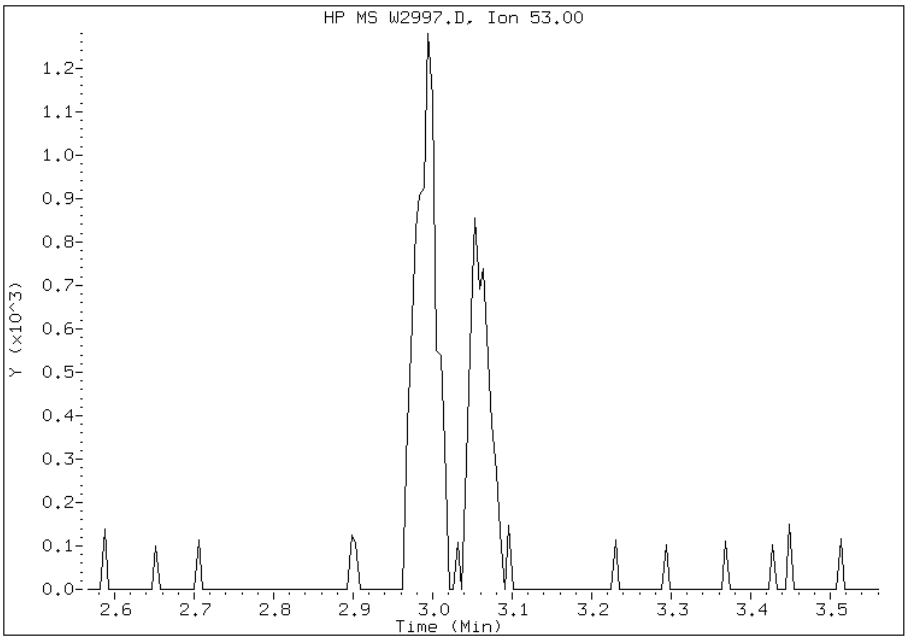
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 30 Acrylonitrile
CAS #: 107-13-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 3.06



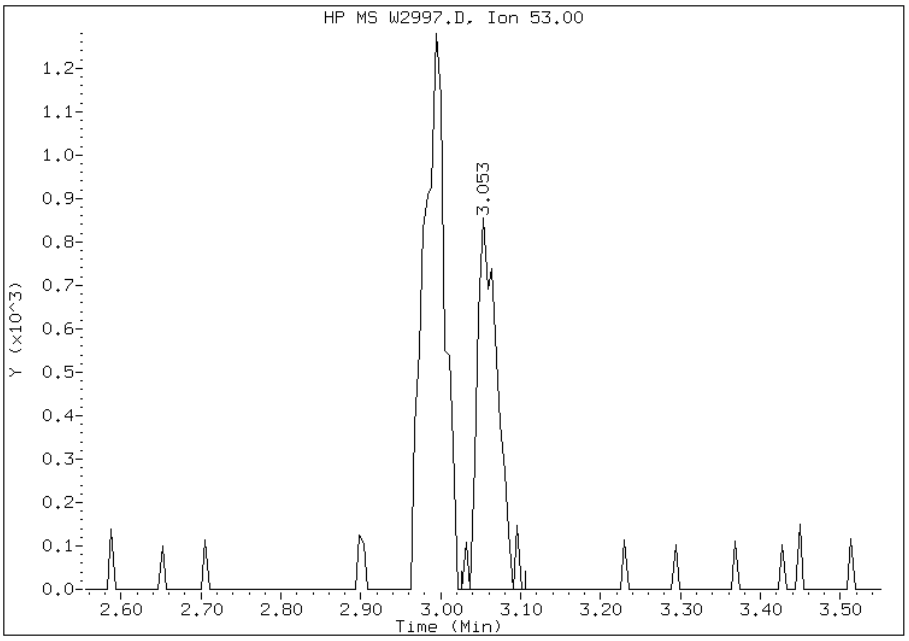
Manual Integration Results

RT: 3.05

Response: 1536

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

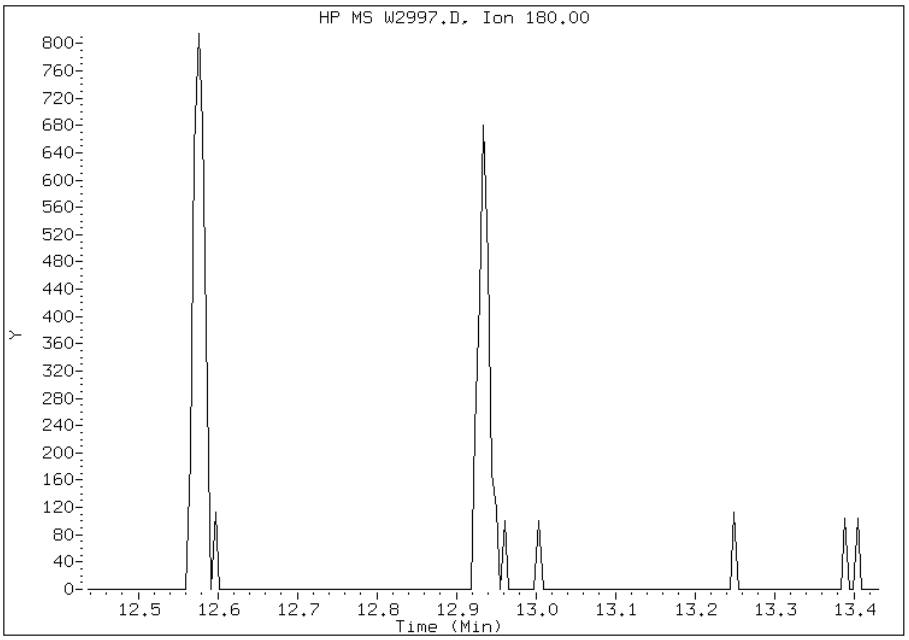
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 124 1,2,3-Trichlorobenzene
CAS #: 87-61-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.93



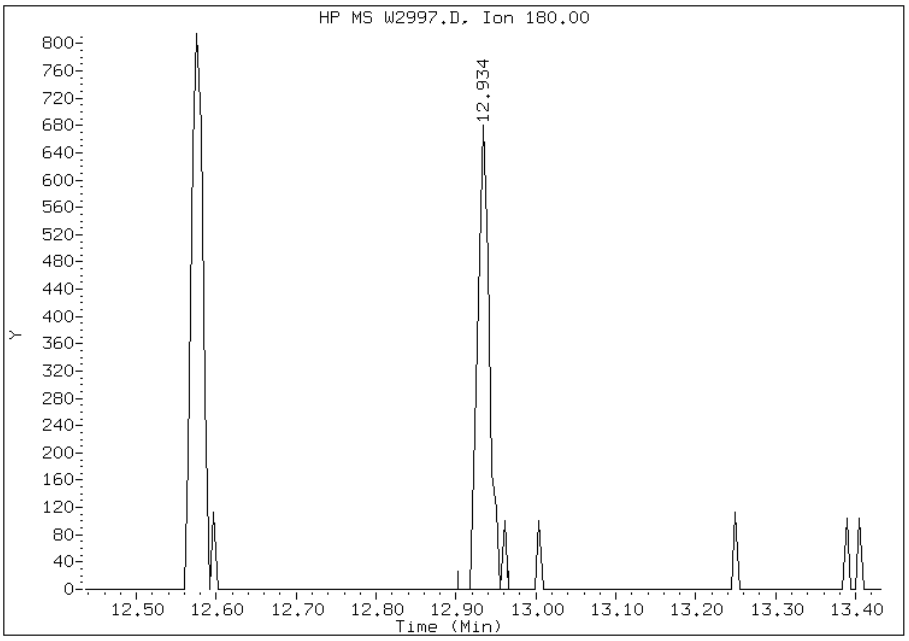
Manual Integration Results

RT: 12.93

Response: 711

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/17/2009

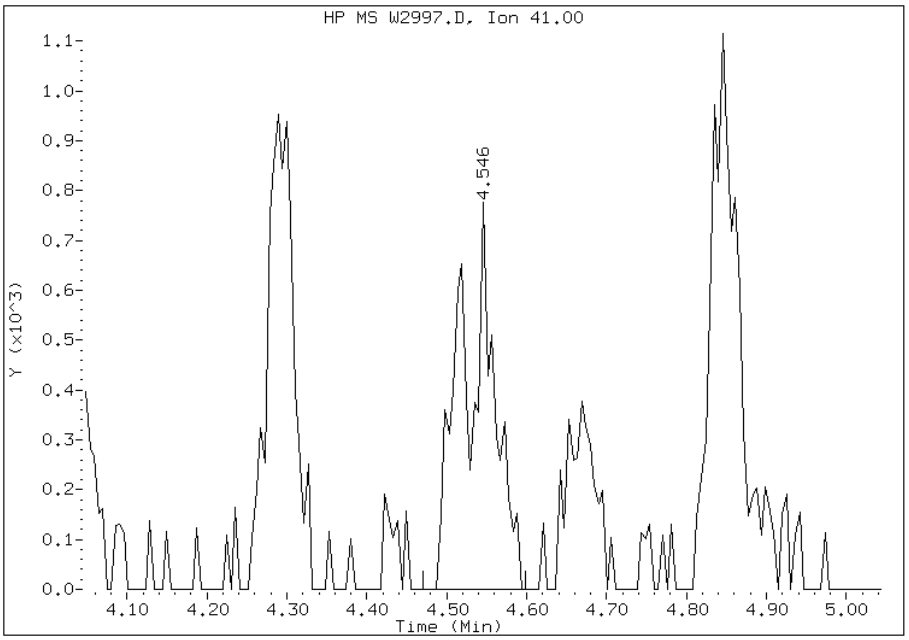
Processing Integration Results

RT: 4.55

Response: 2212

Amount: 1

Conc: 1



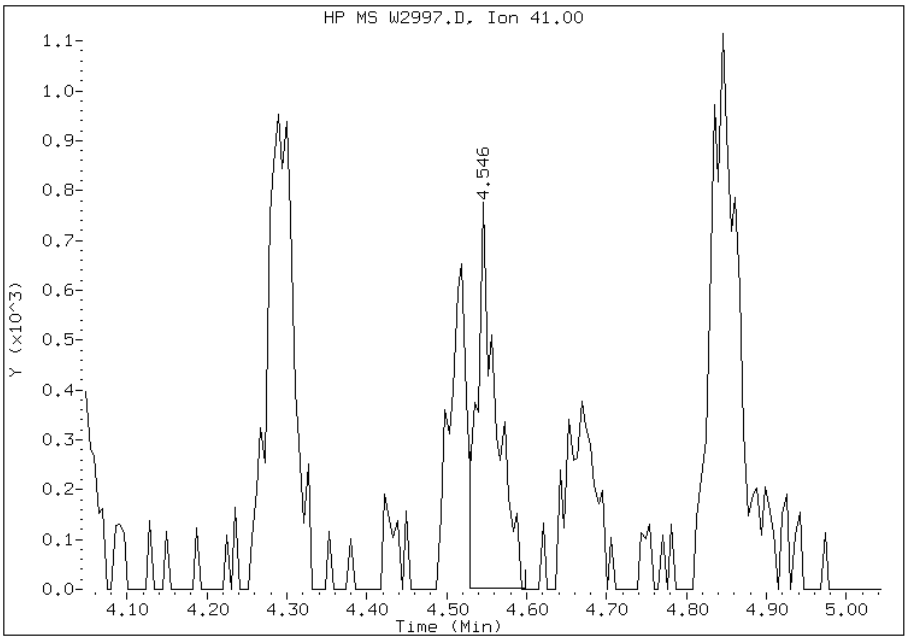
Manual Integration Results

RT: 4.55

Response: 1286

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 02/17/2009

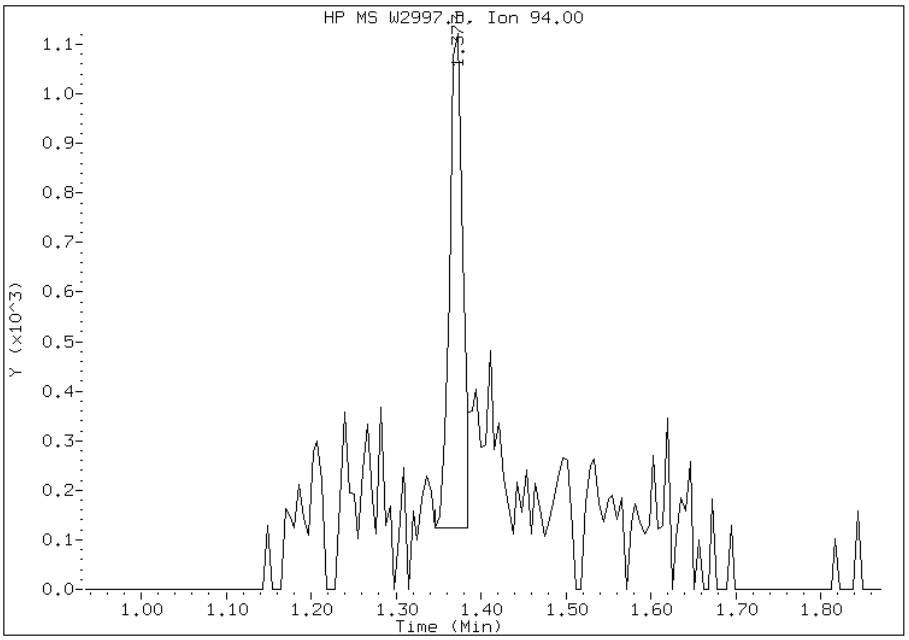
Processing Integration Results

RT: 1.37

Response: 1098

Amount: 1

Conc: 1



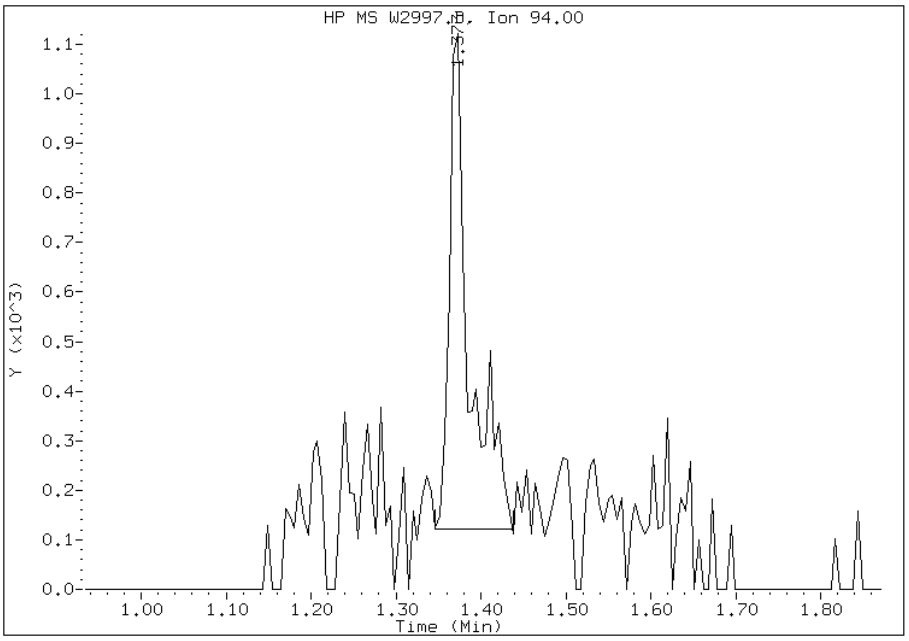
Manual Integration Results

RT: 1.37

Response: 1657

Amount: -1

Conc: -1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

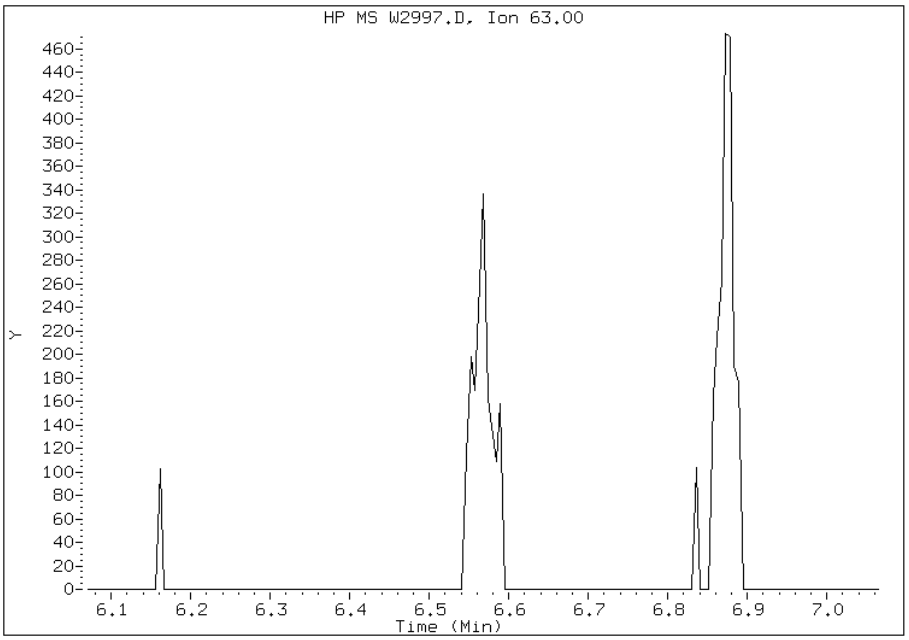
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 69 2-Chloroethylvinylether
CAS #: 110-75-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.57



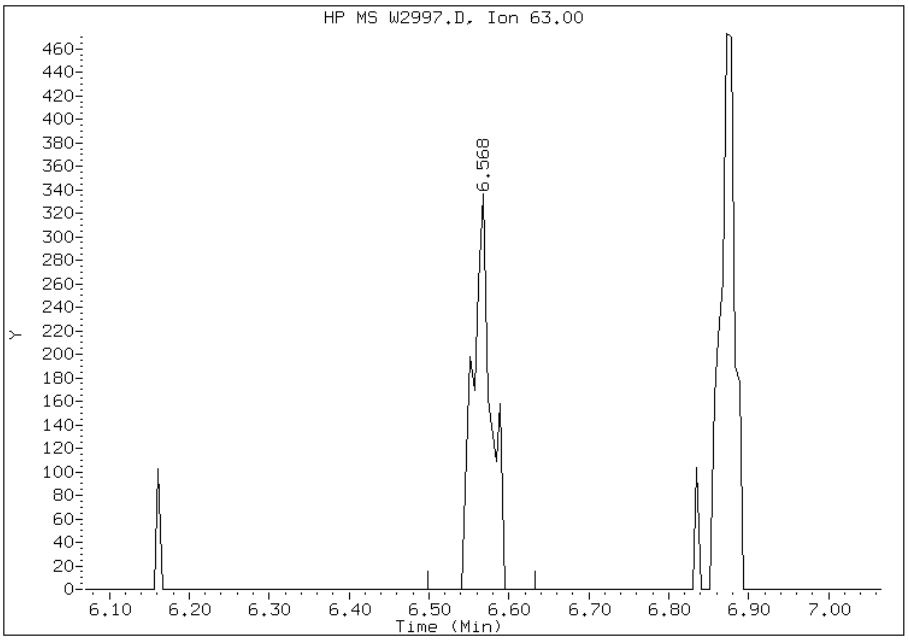
Manual Integration Results

RT: 6.57

Response: 528

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

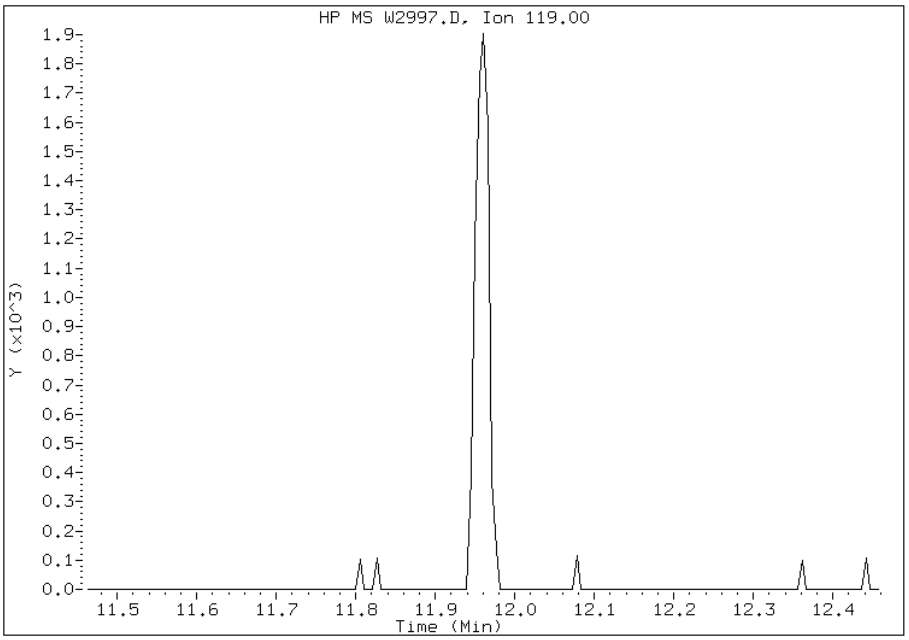
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 118 1,2,4,5-Tetramethylbenzene
CAS #: 95-93-2
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 11.96



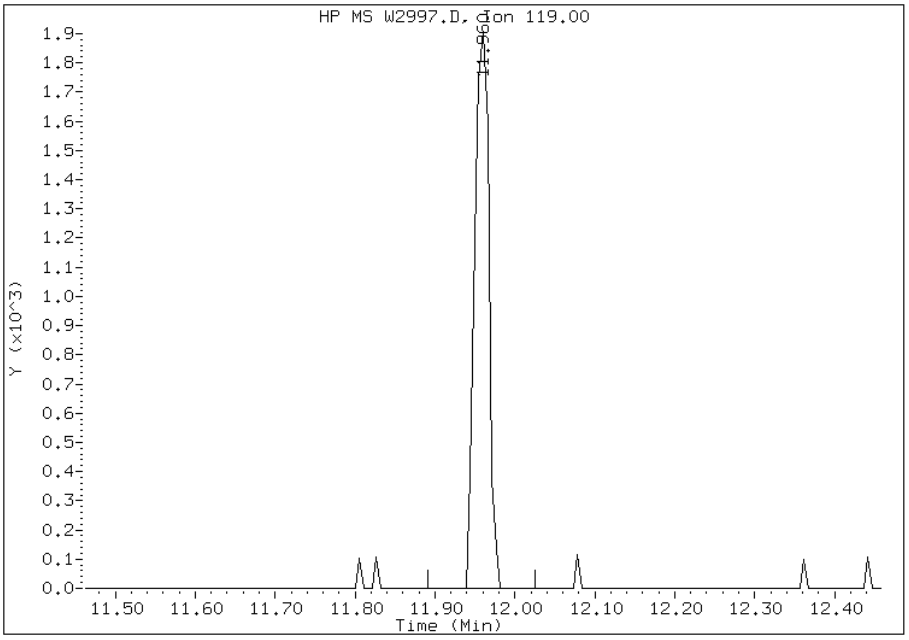
Manual Integration Results

RT: 11.96

Response: 2353

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 24 Methyl tert-Butyl Ether
CAS #: 1634-04-4
Report Date: 02/17/2009

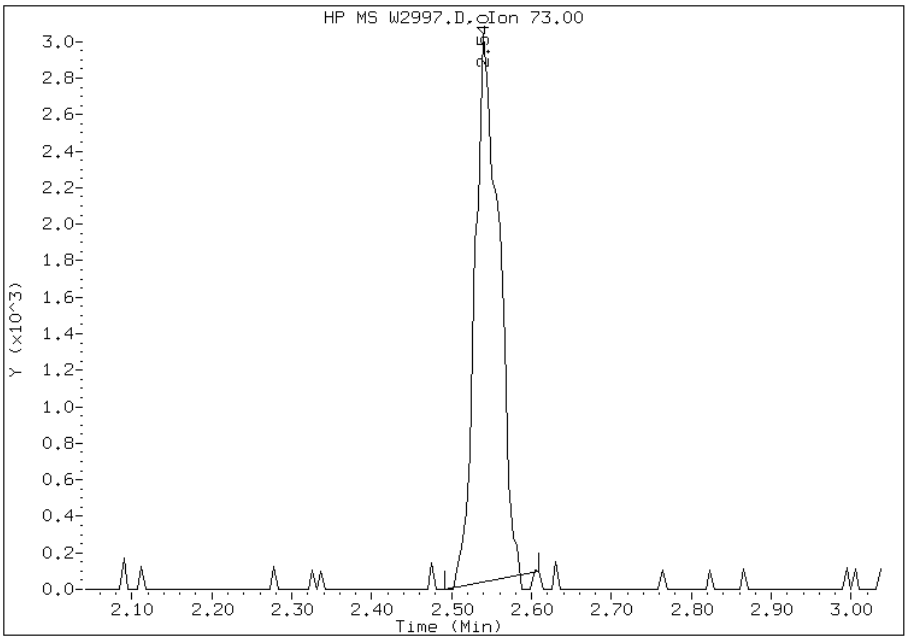
Processing Integration Results

RT: 2.54

Response: 6162

Amount: -0

Conc: -0



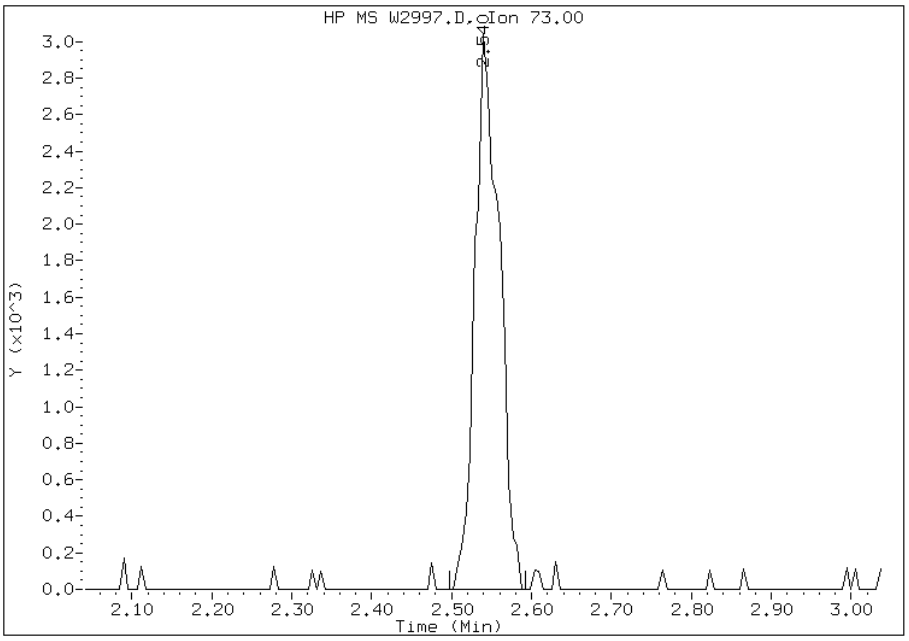
Manual Integration Results

RT: 2.54

Response: 6465

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

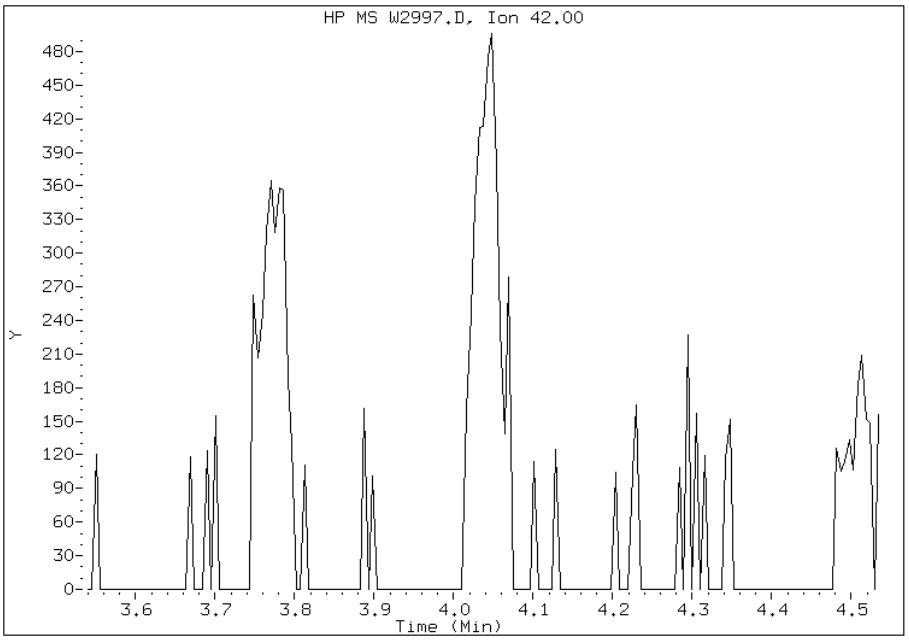
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.04



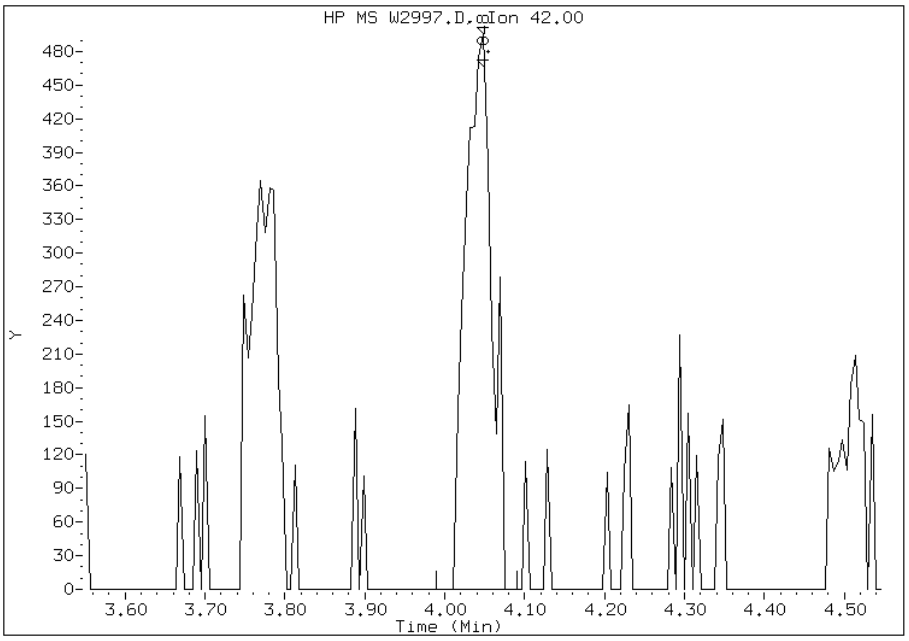
Manual Integration Results

RT: 4.05

Response: 1147

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

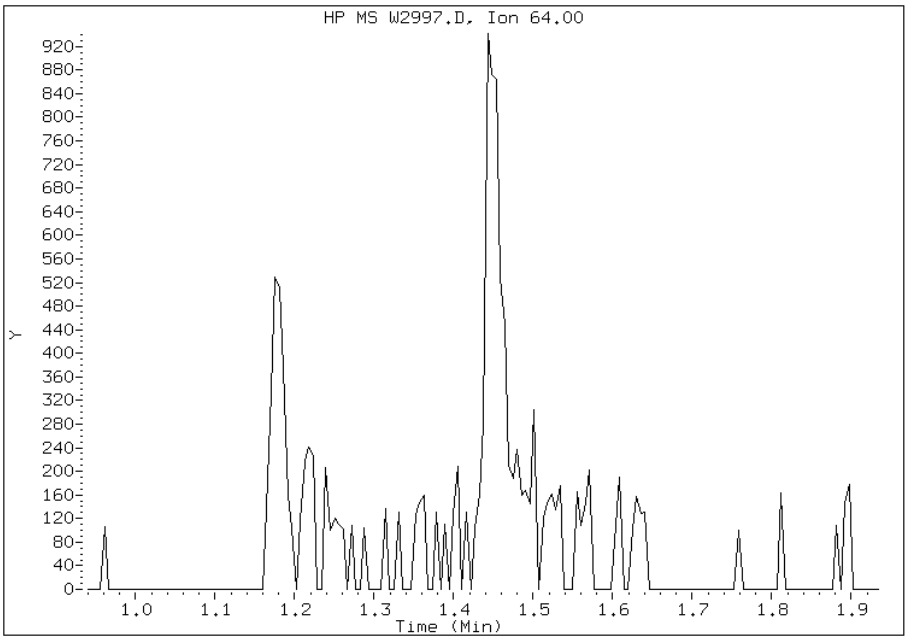
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.44



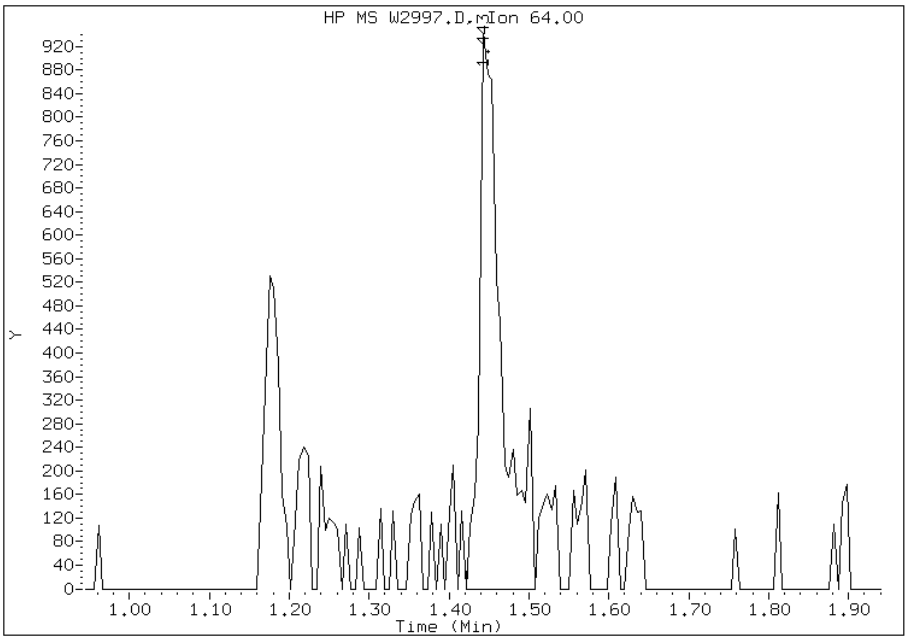
Manual Integration Results

RT: 1.44

Response: 1807

Amount: -1

Conc: -1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

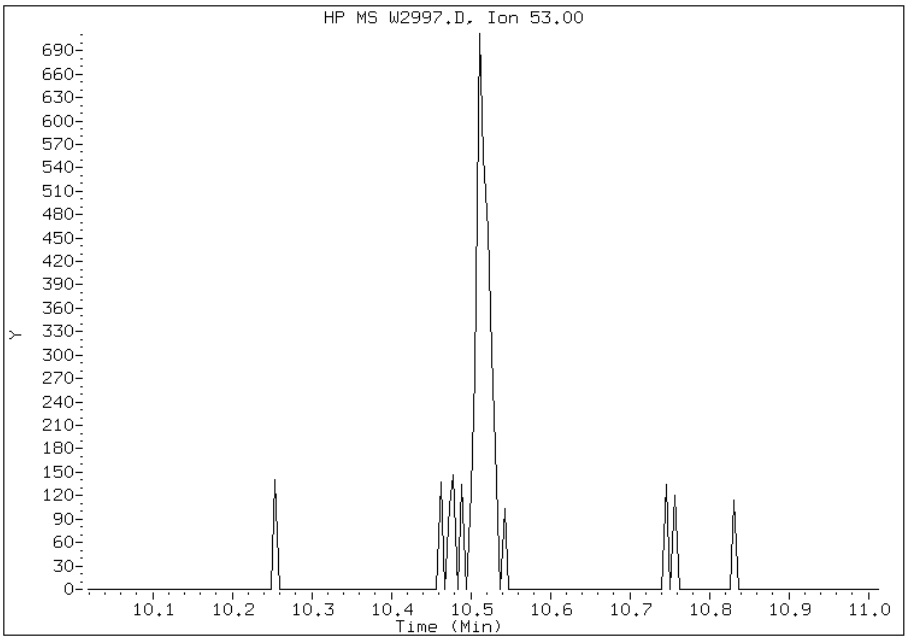
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 10.52



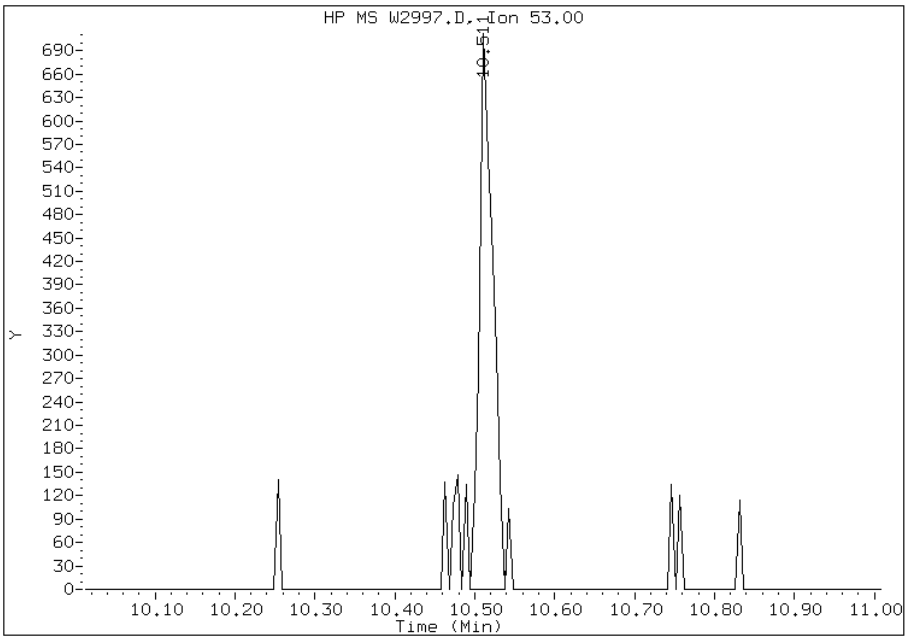
Manual Integration Results

RT: 10.51

Response: 825

Amount: -0

Conc: -0



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 02/17/2009

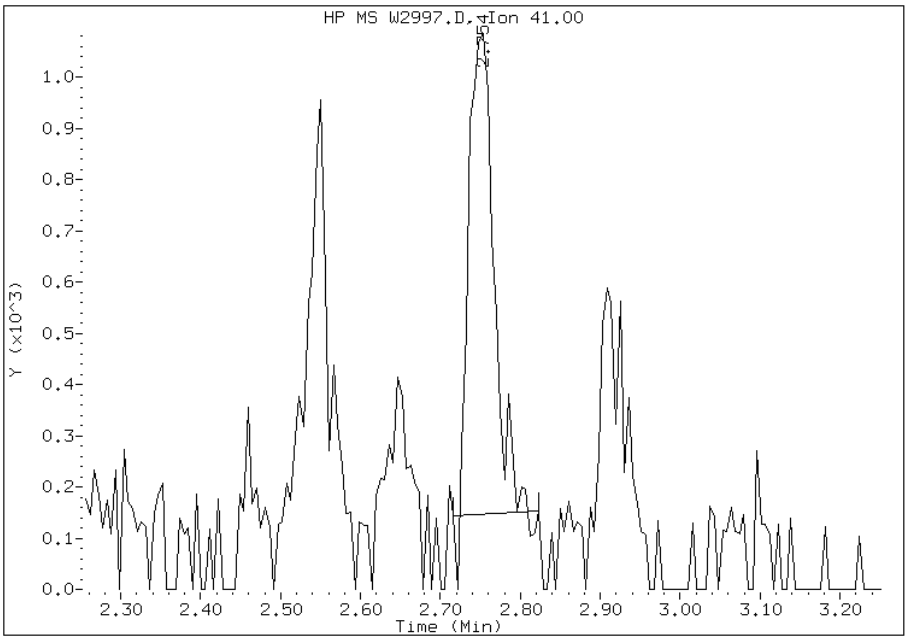
Processing Integration Results

RT: 2.75

Response: 1980

Amount: 5

Conc: 5



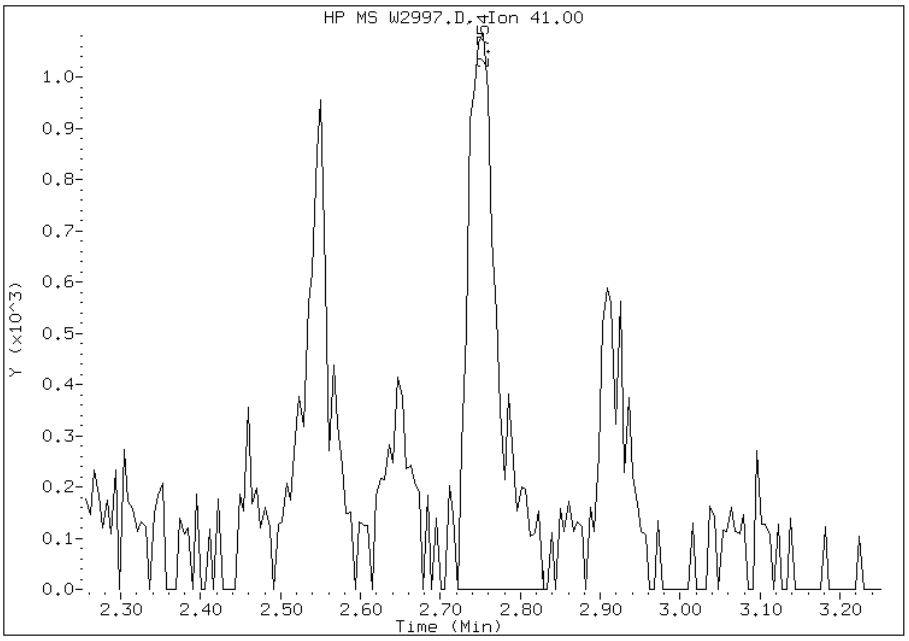
Manual Integration Results

RT: 2.75

Response: 2932

Amount: -0

Conc: -0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

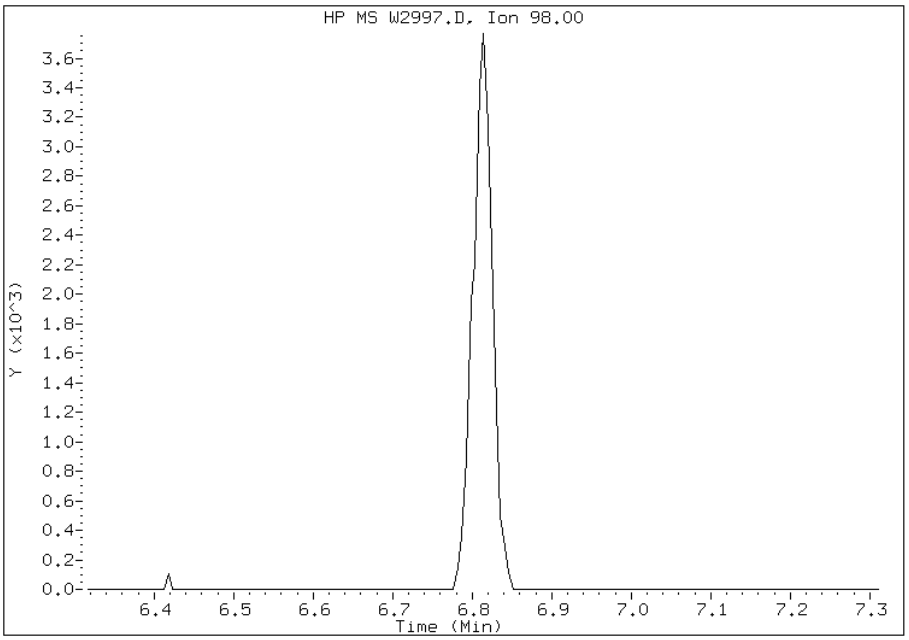
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 77 Toluene-d8
CAS #: 2037-26-5
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.81



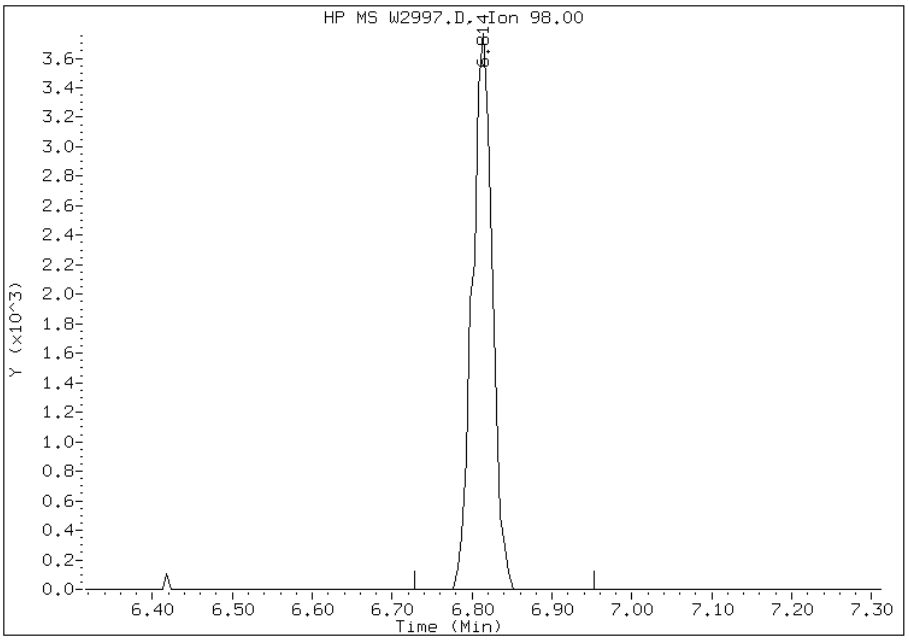
Manual Integration Results

RT: 6.81

Response: 6527

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason:

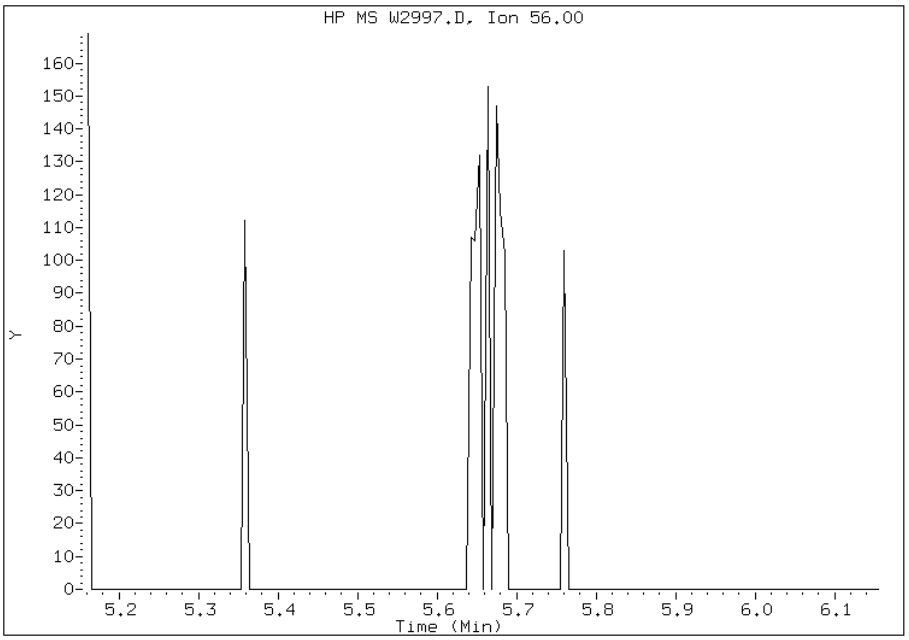
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 5.66



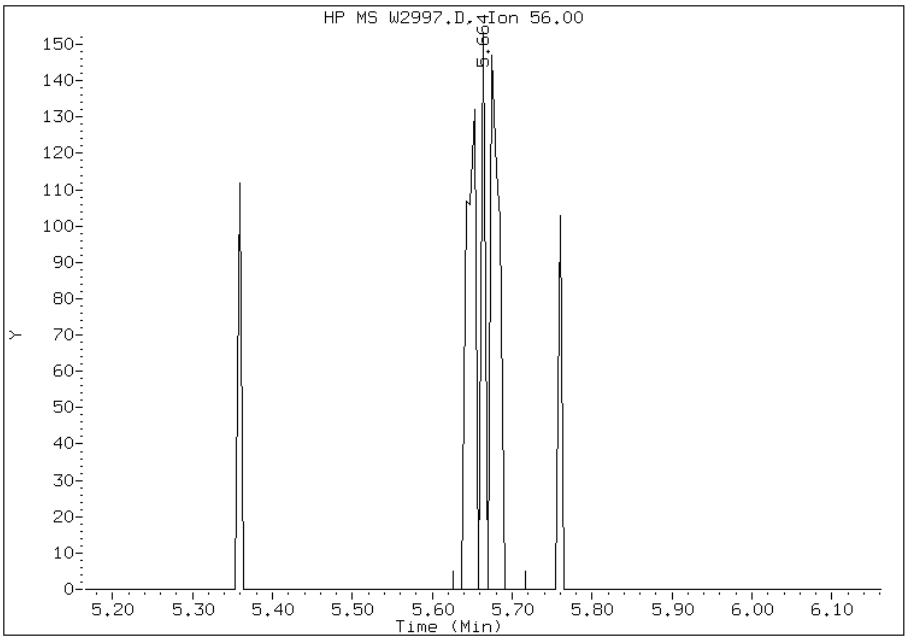
Manual Integration Results

RT: 5.66

Response: 276

Amount: 31

Conc: 31



Manually Integrated By: barbara
Manual Integration Reason:

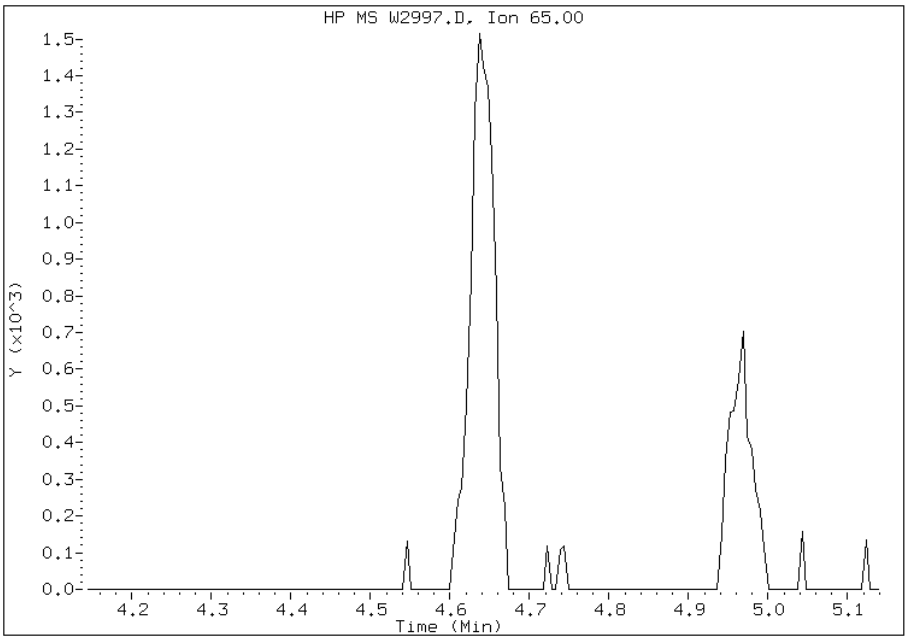
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 55 1,2-Dichloroethane-d4
CAS #: 17060-07-0
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.64



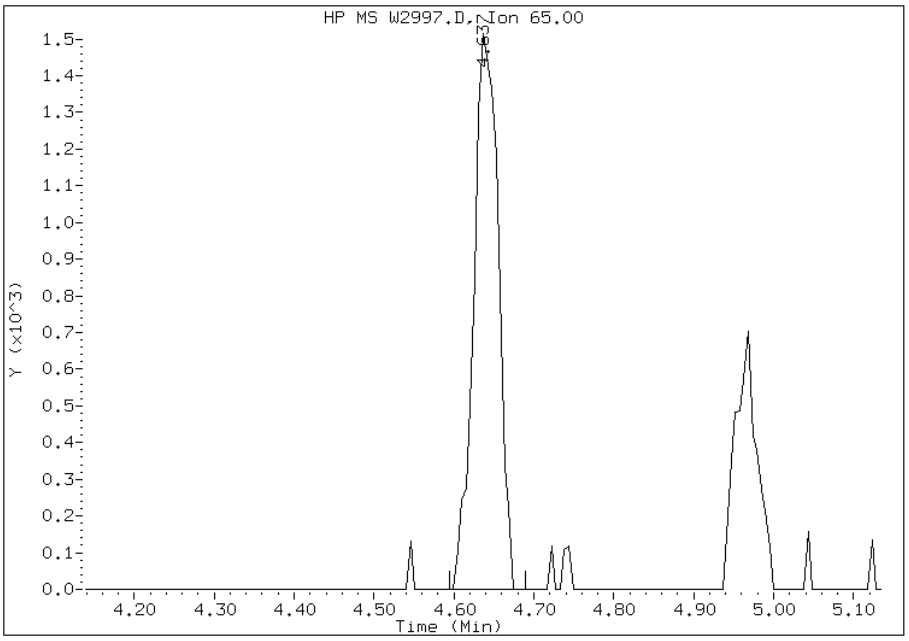
Manual Integration Results

RT: 4.64

Response: 3253

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

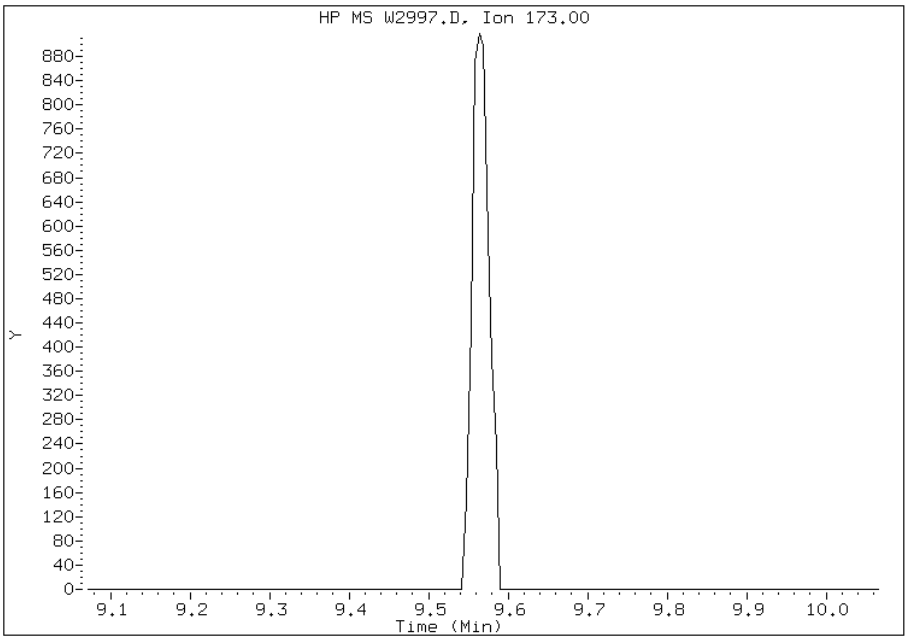
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 94 Bromoform
CAS #: 75-25-2
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 9.57



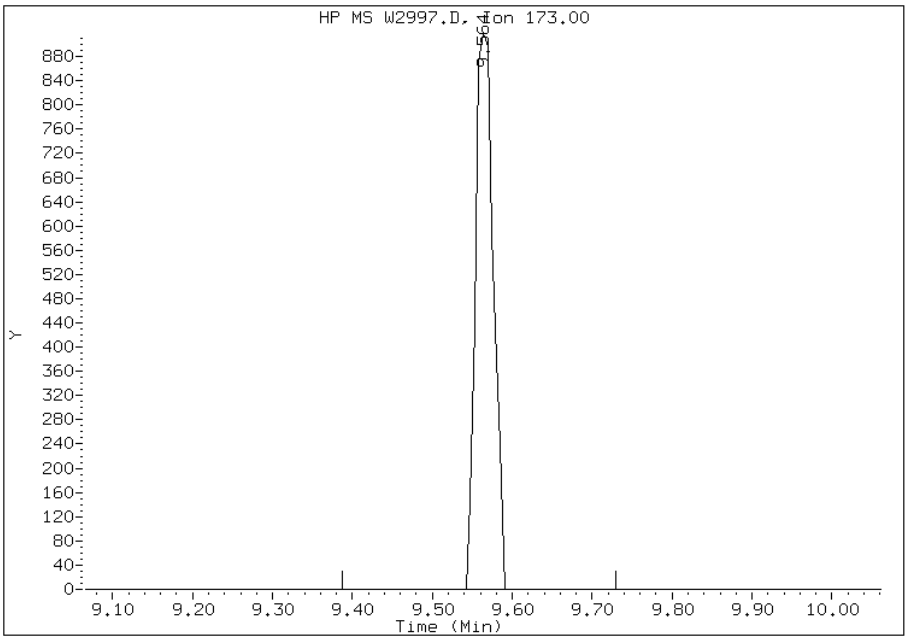
Manual Integration Results

RT: 9.56

Response: 1436

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

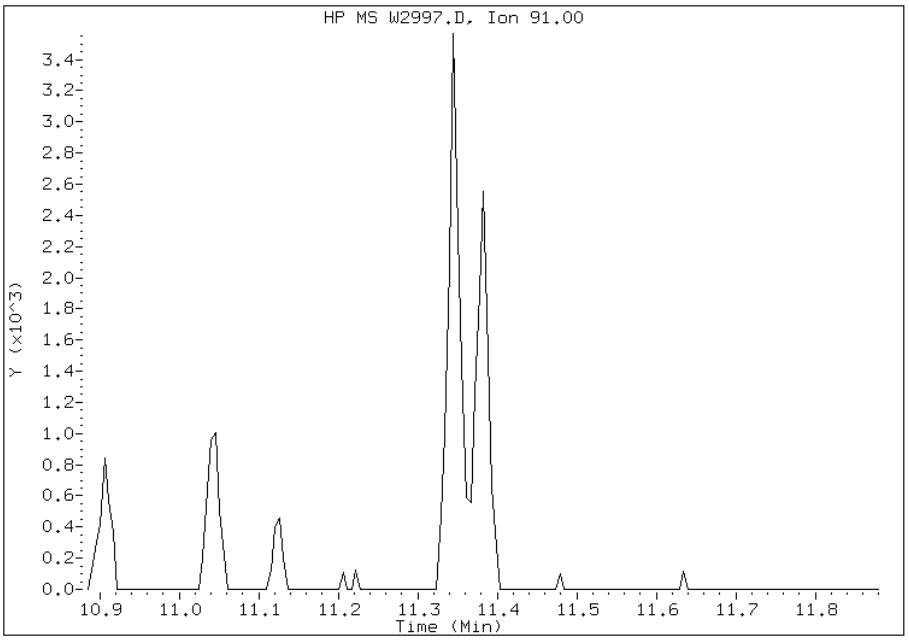
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 11.38



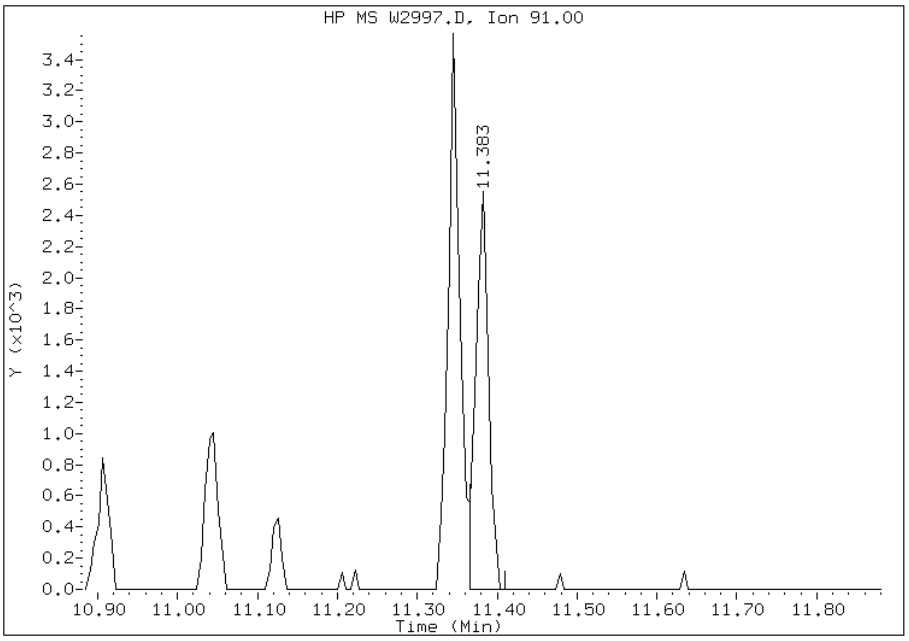
Manual Integration Results

RT: 11.38

Response: 2790

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

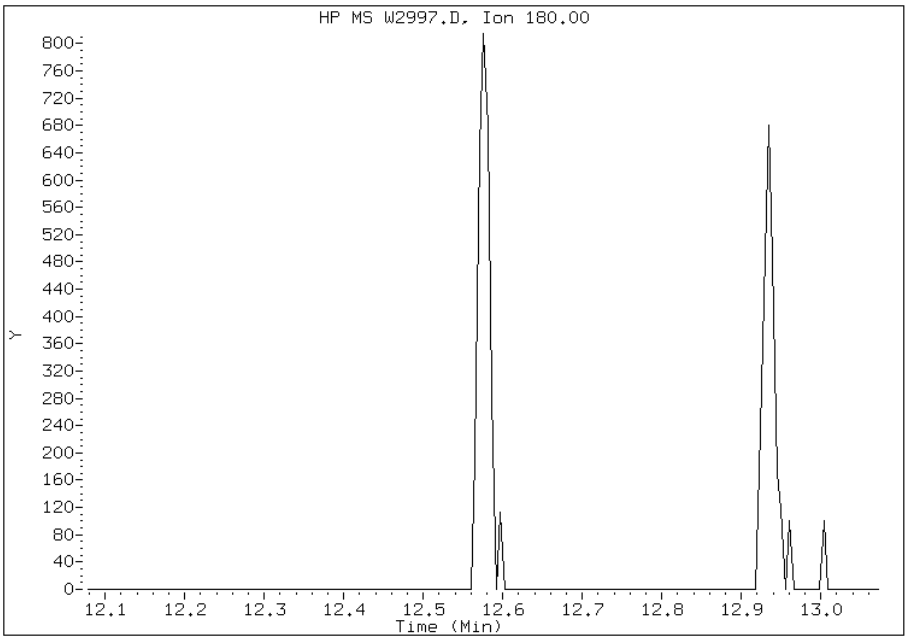
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 121 1,2,4-Trichlorobenzene
CAS #: 120-82-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.58



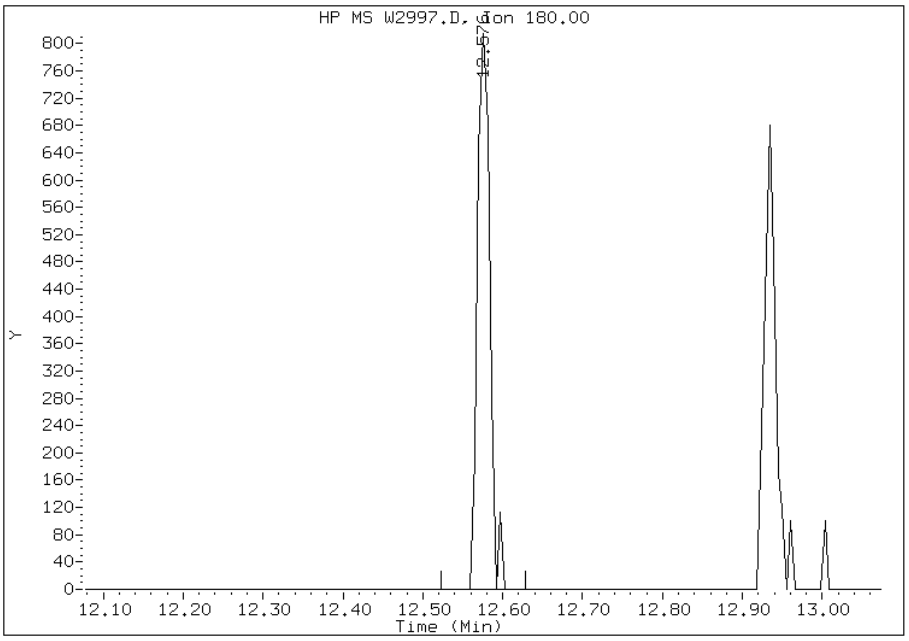
Manual Integration Results

RT: 12.58

Response: 876

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

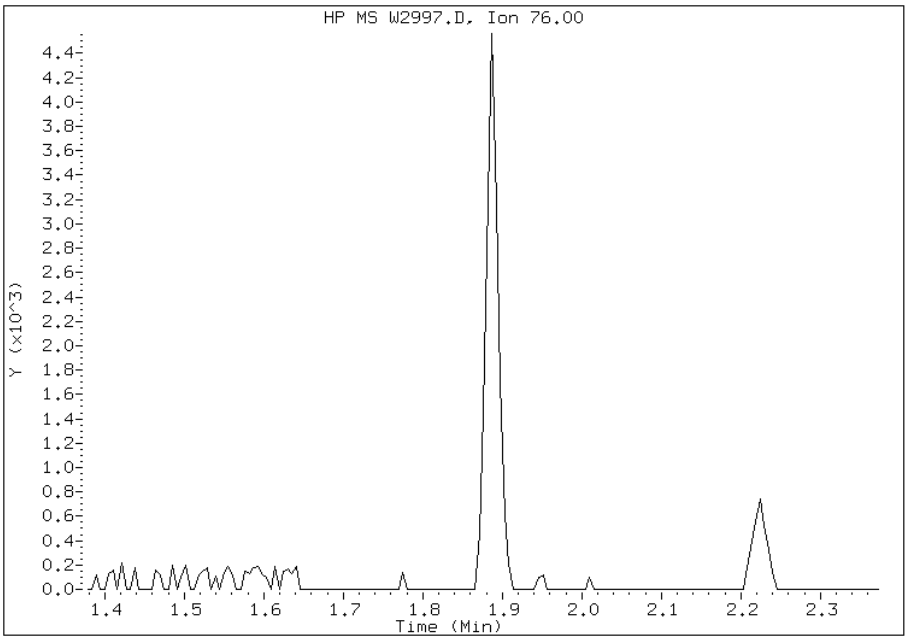
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 15 Carbon Disulfide
CAS #: 75-15-0
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.88



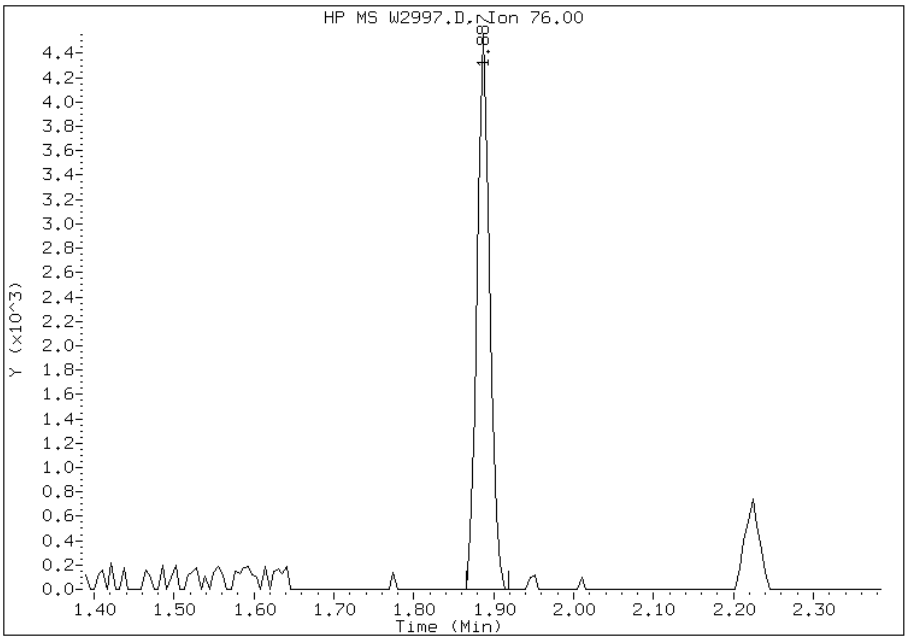
Manual Integration Results

RT: 1.89

Response: 4935

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

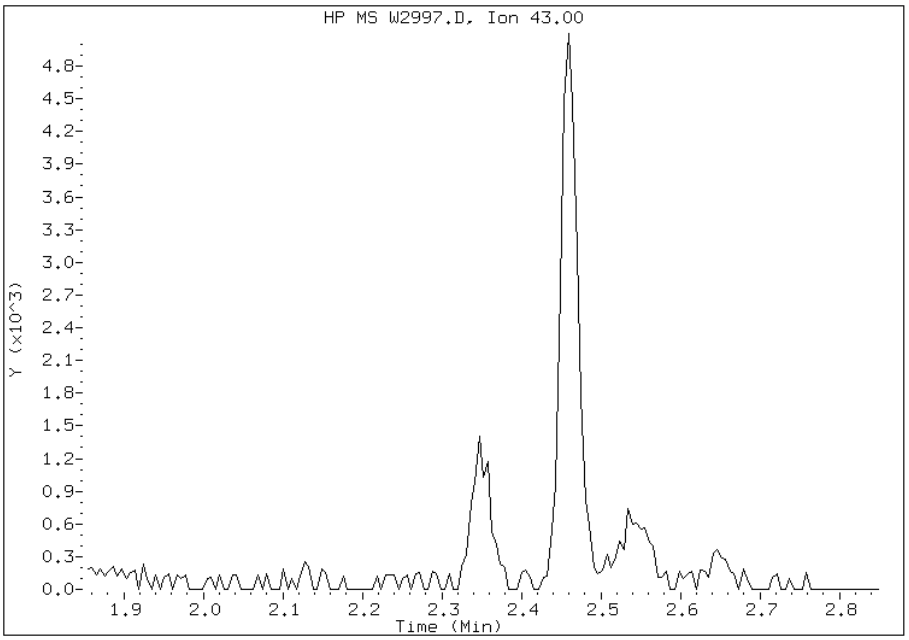
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 2.35



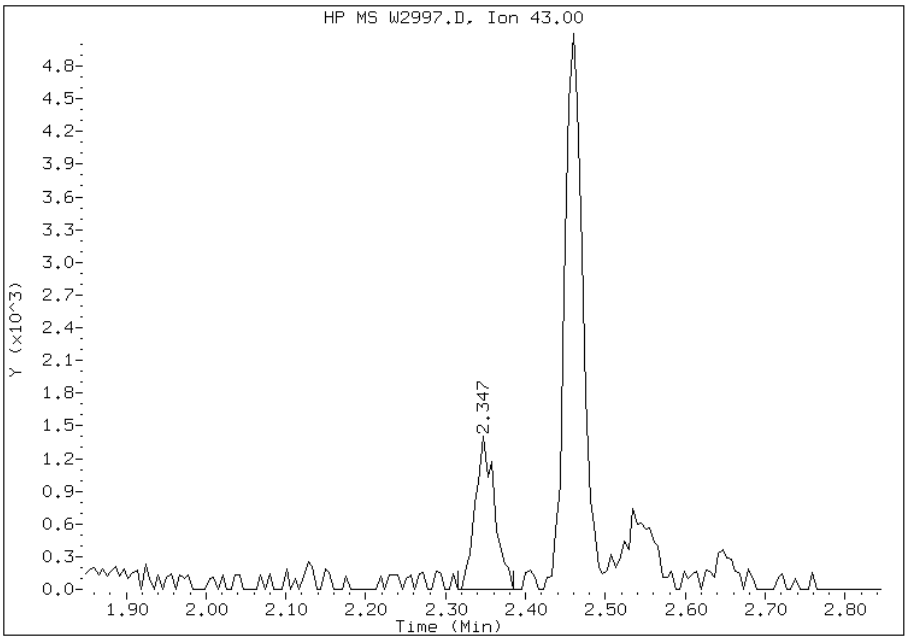
Manual Integration Results

RT: 2.35

Response: 2333

Amount: -2

Conc: -2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

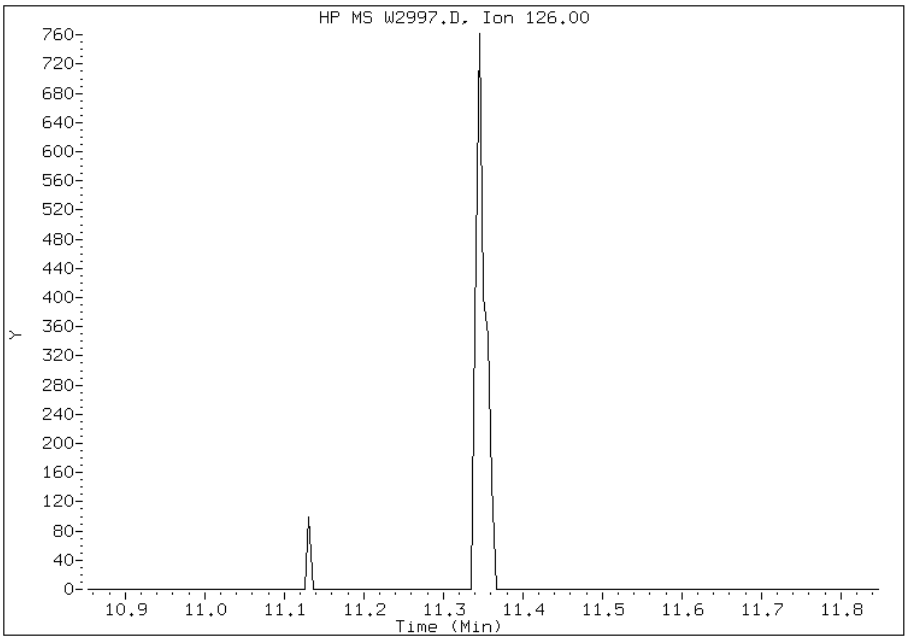
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 113 Benzyl Chloride
CAS #: 100-44-7
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 11.35



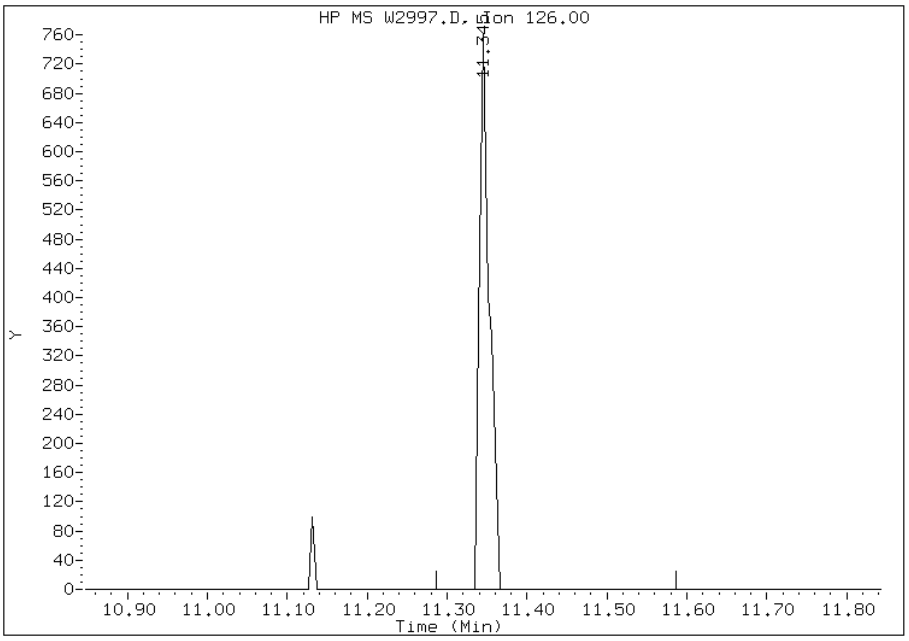
Manual Integration Results

RT: 11.35

Response: 648

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

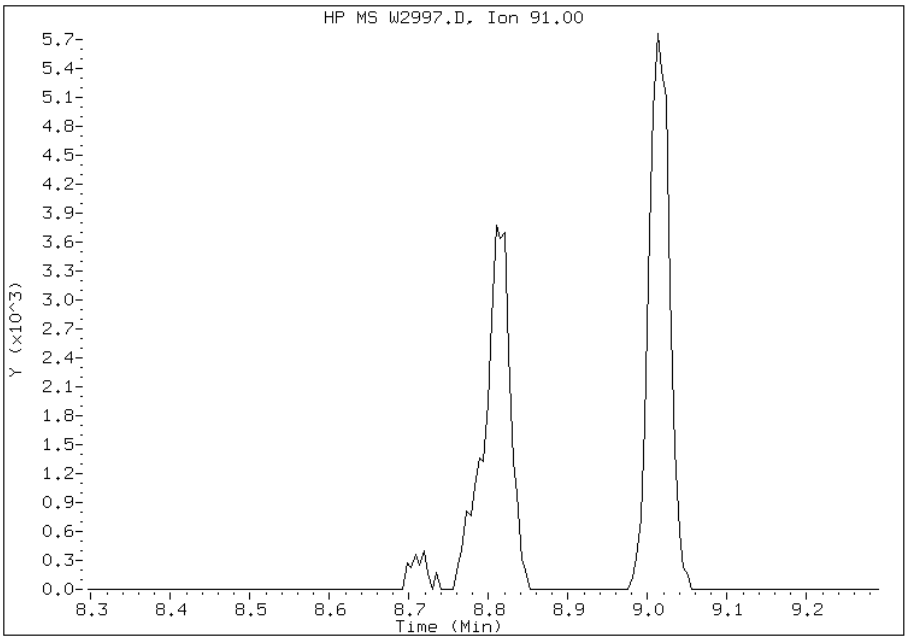
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 8.79



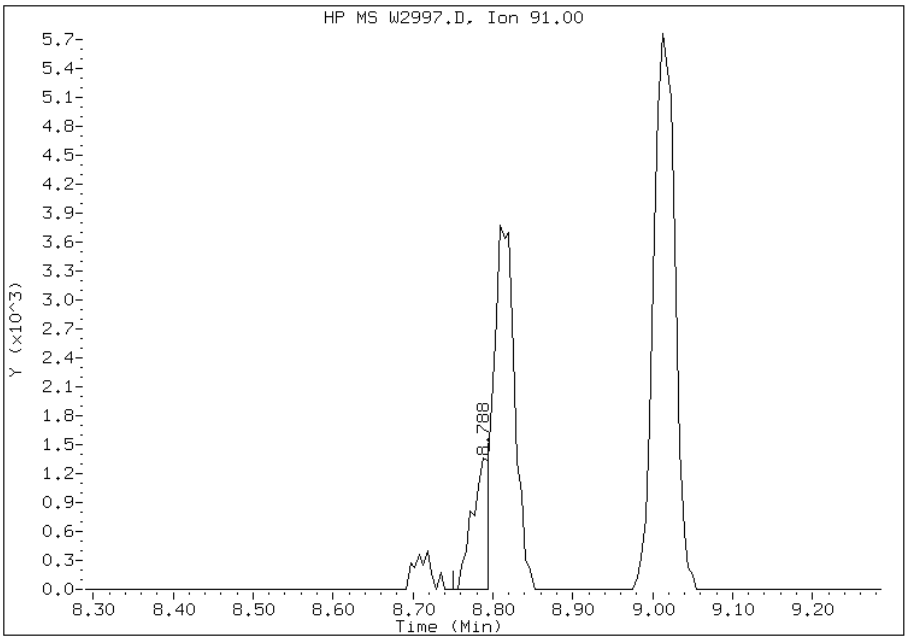
Manual Integration Results

RT: 8.79

Response: 1926

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 81 Ethyl Methacrylate
CAS #: 97-63-2
Report Date: 02/17/2009

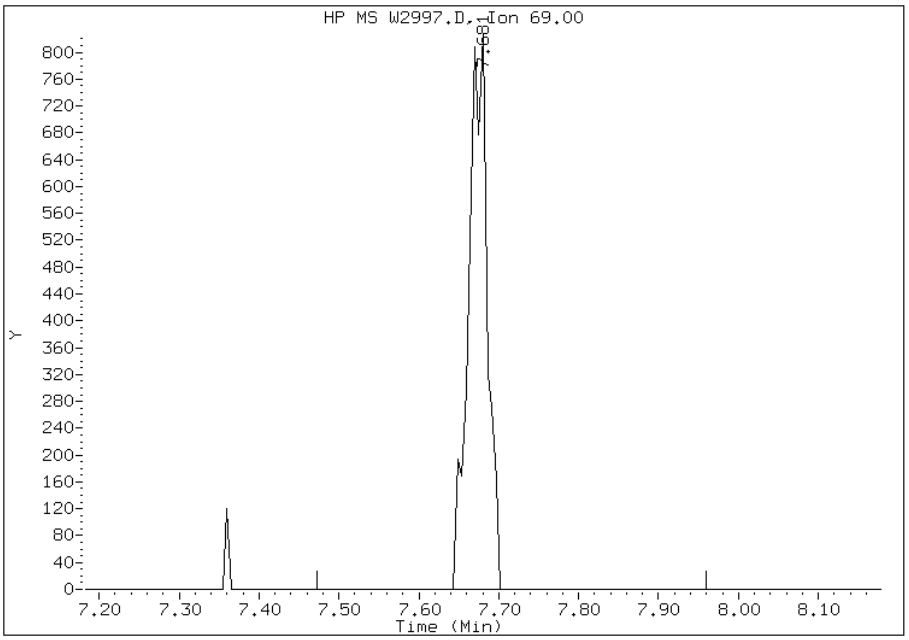
Processing Integration Results

RT: 7.68

Response: 1364

Amount: 1

Conc: 1



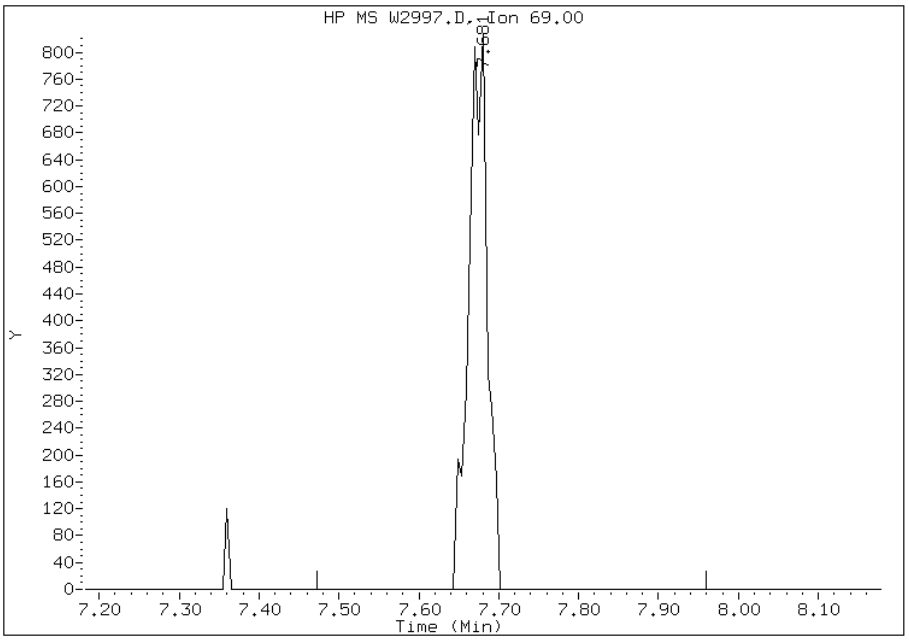
Manual Integration Results

RT: 7.68

Response: 1364

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

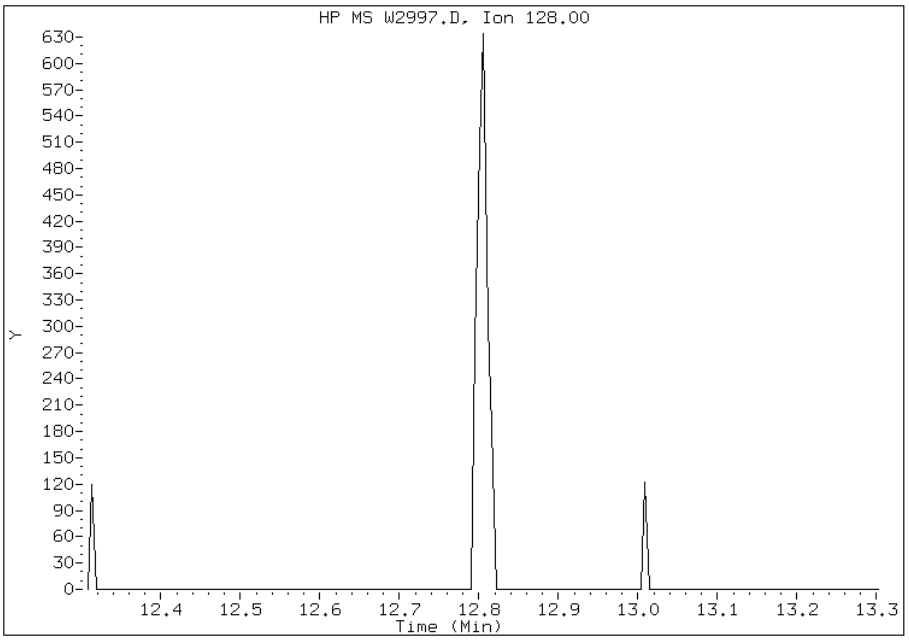
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 123 Naphthalene
CAS #: 91-20-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.81



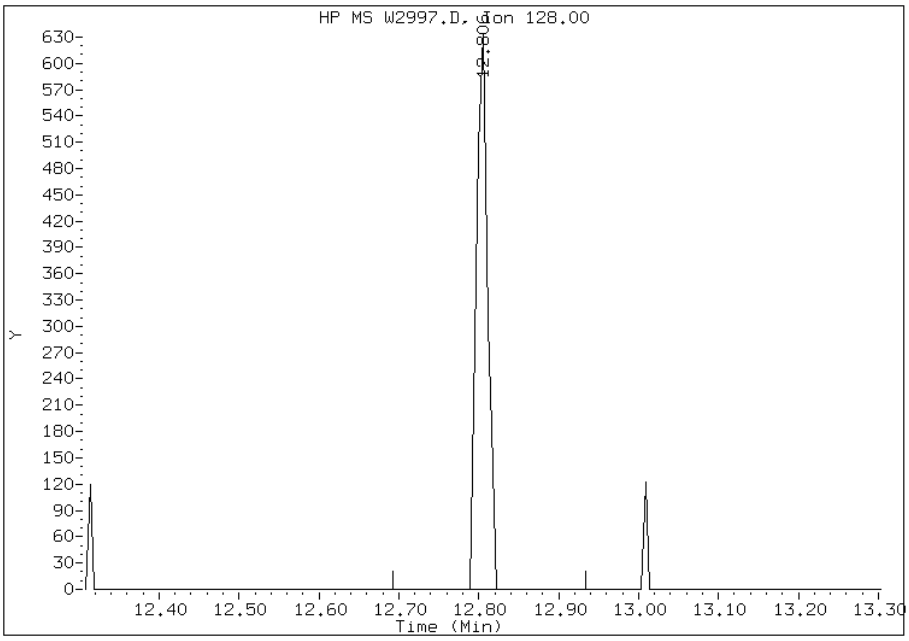
Manual Integration Results

RT: 12.81

Response: 612

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

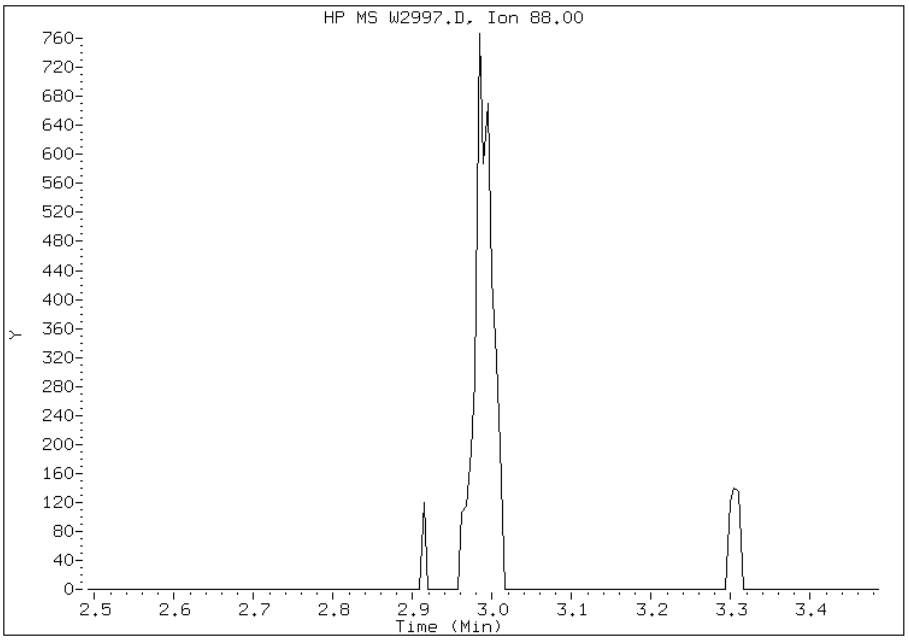
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 29 2-Chloro-1,3-Butadiene
CAS #: 126-99-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 2.99



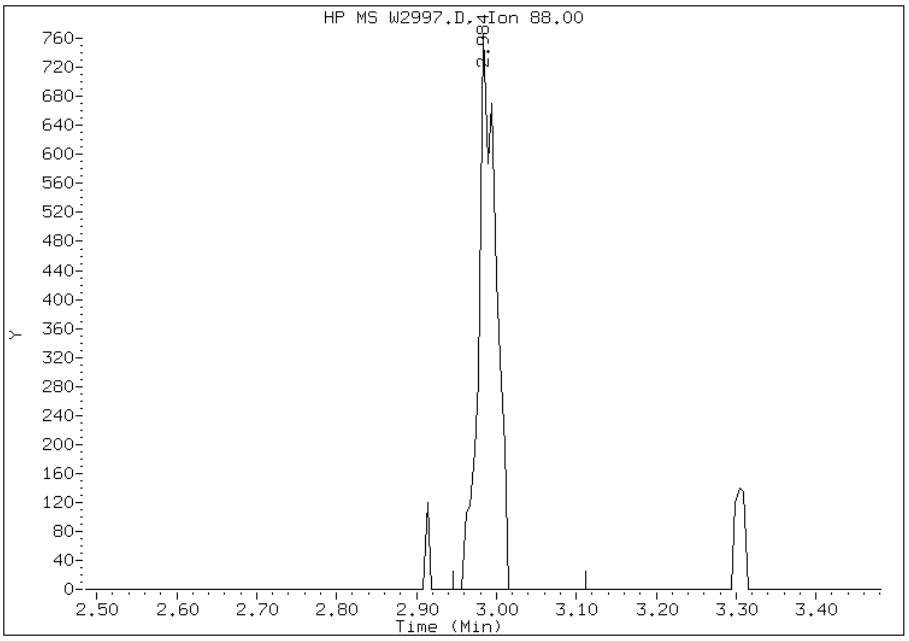
Manual Integration Results

RT: 2.98

Response: 1177

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 49 1-Chlorobutane
CAS #: 109-69-3
Report Date: 02/17/2009

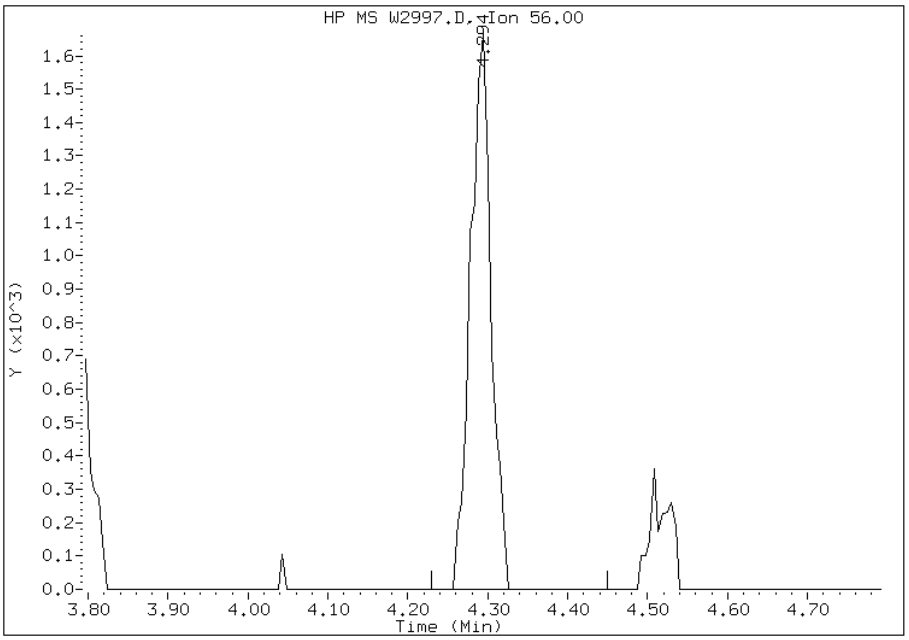
Processing Integration Results

RT: 4.29

Response: 3004

Amount: 0

Conc: 0



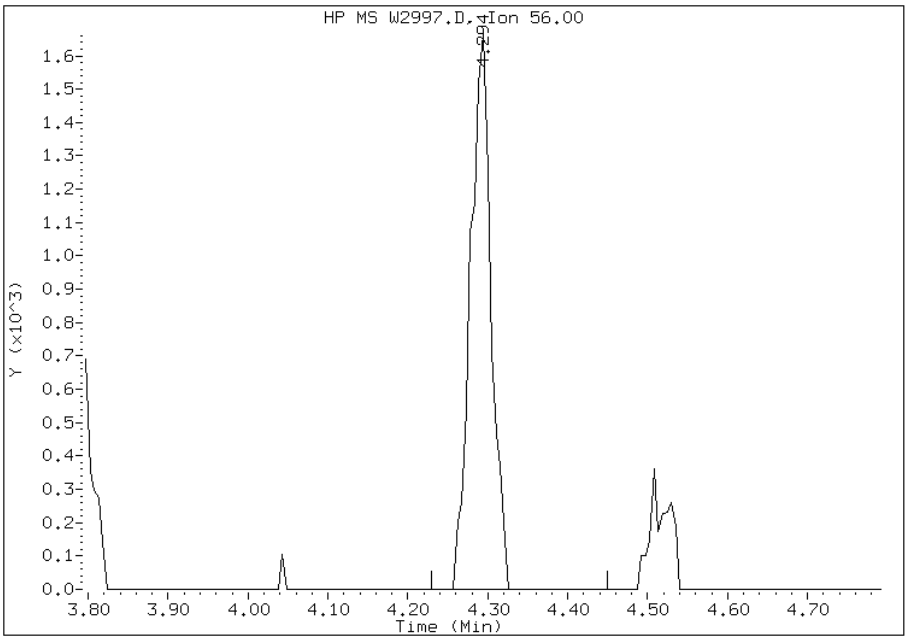
Manual Integration Results

RT: 4.29

Response: 3004

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 40 Methyl Acrylate
CAS #: 96-33-3
Report Date: 02/17/2009

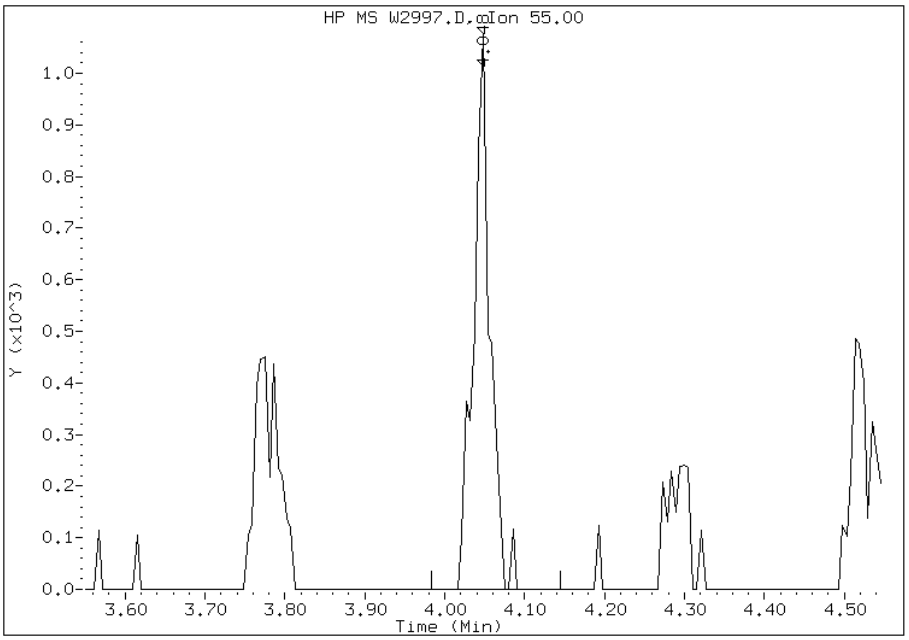
Processing Integration Results

RT: 4.05

Response: 1525

Amount: 0

Conc: 0



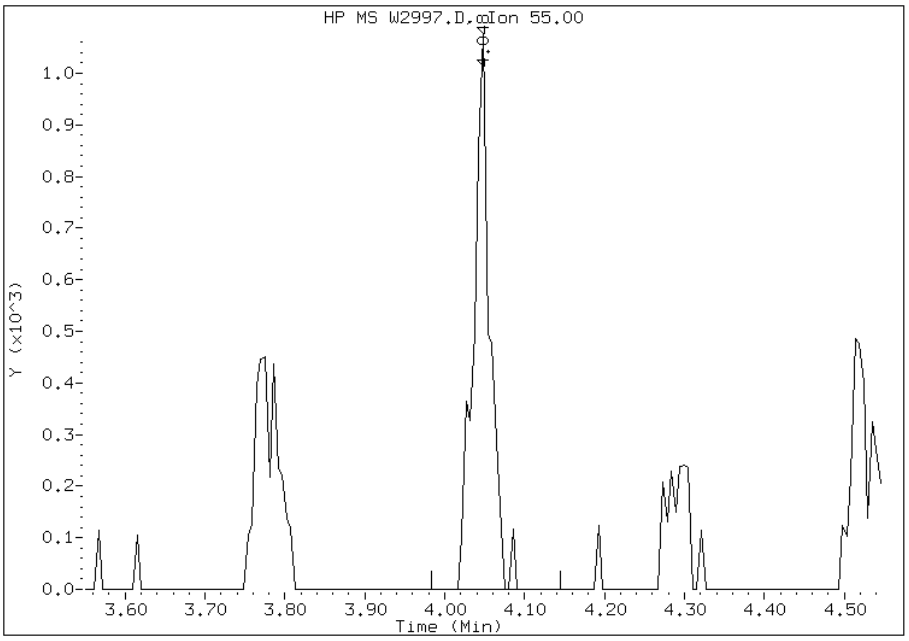
Manual Integration Results

RT: 4.05

Response: 1525

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

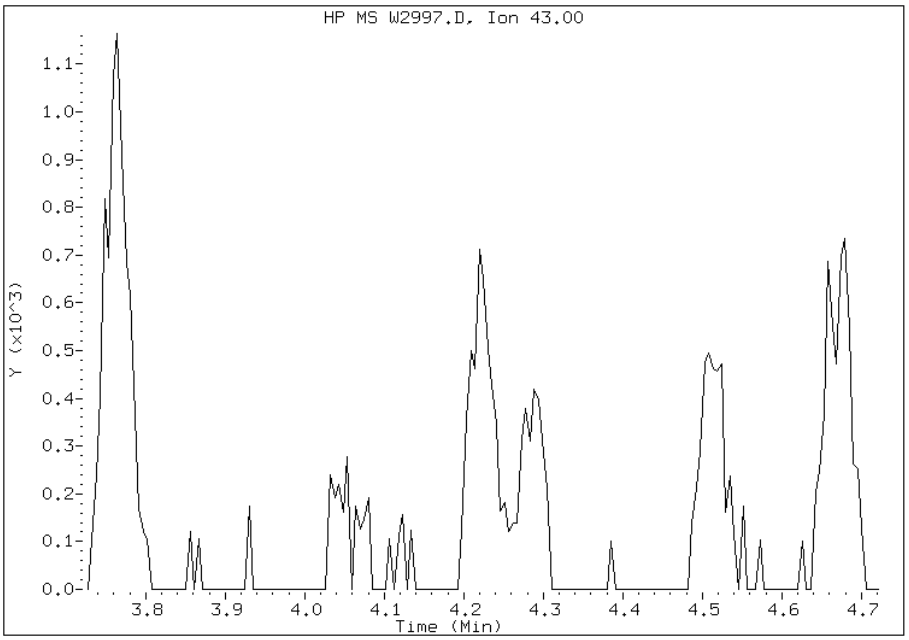
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.22



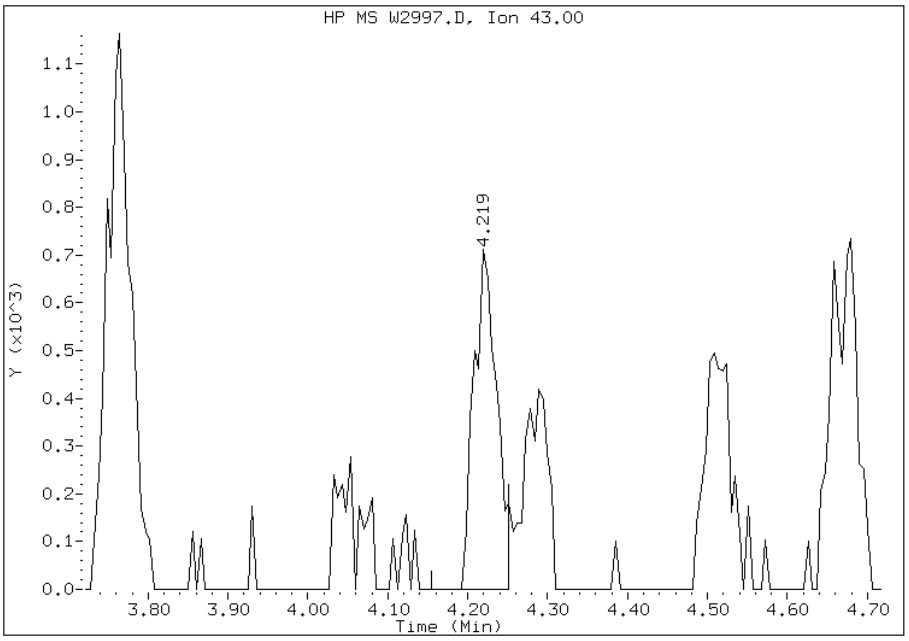
Manual Integration Results

RT: 4.22

Response: 1421

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

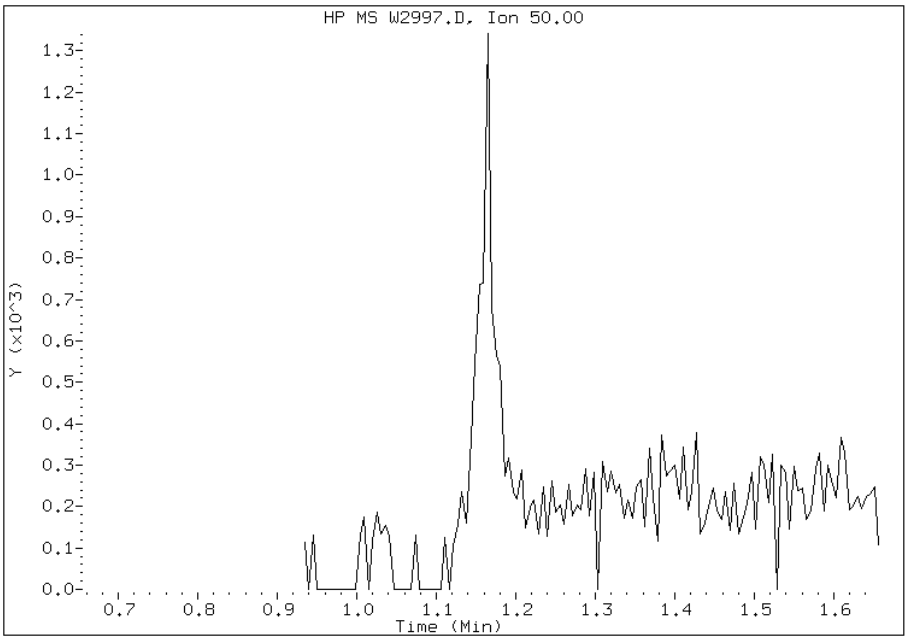
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.16



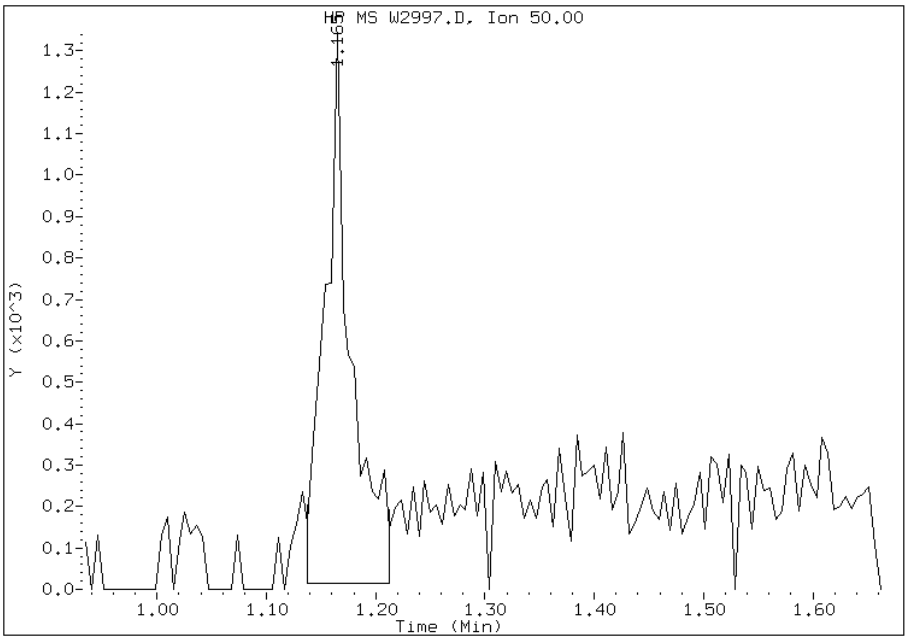
Manual Integration Results

RT: 1.16

Response: 2229

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

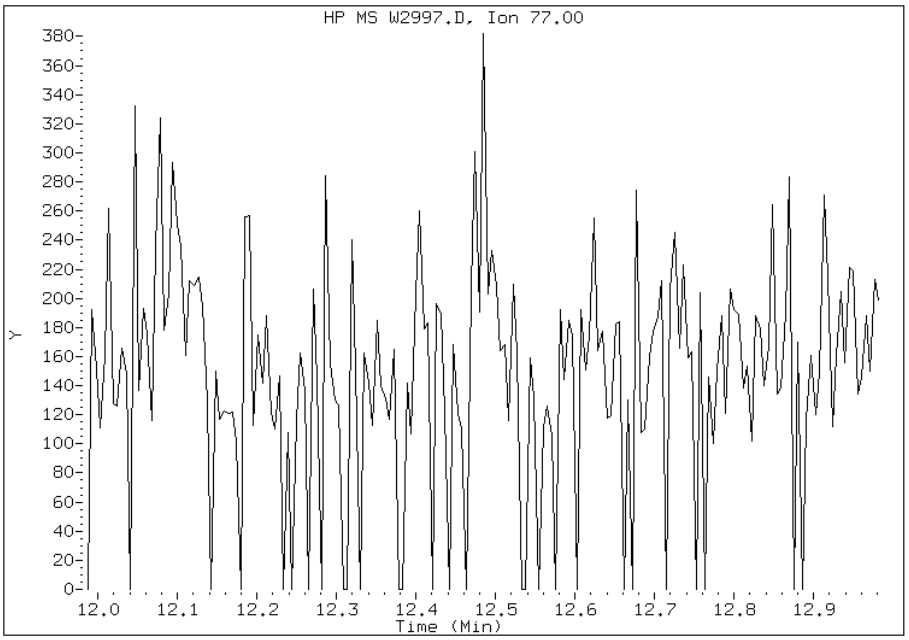
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 120 Nitrobenzene
CAS #: 98-95-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.48



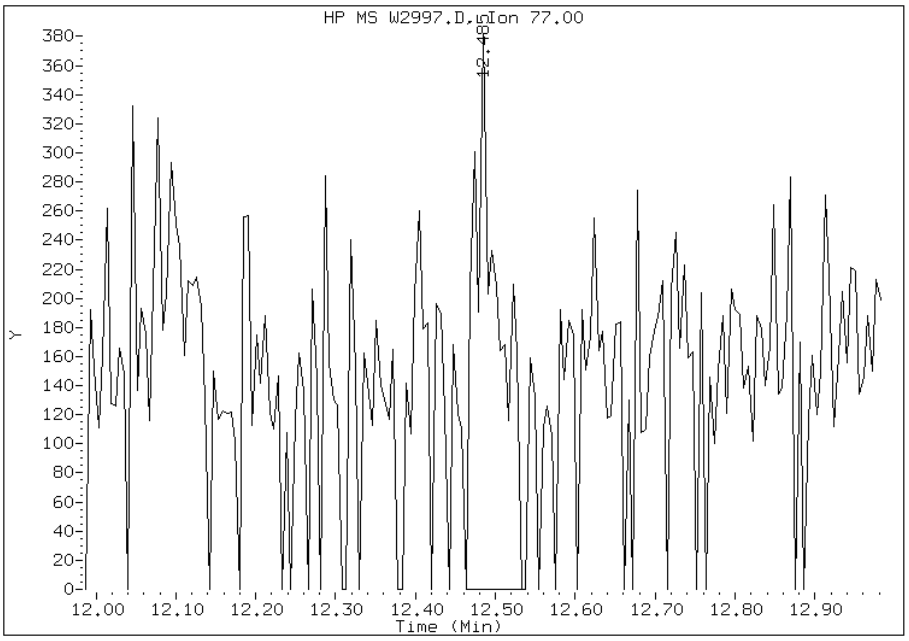
Manual Integration Results

RT: 12.48

Response: 816

Amount: 26

Conc: 26



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

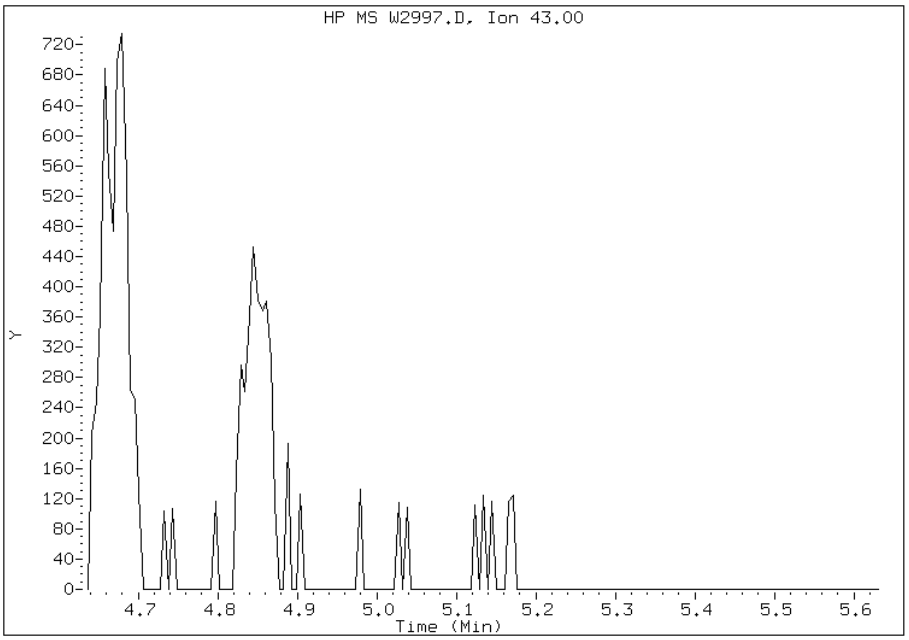
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 5.13



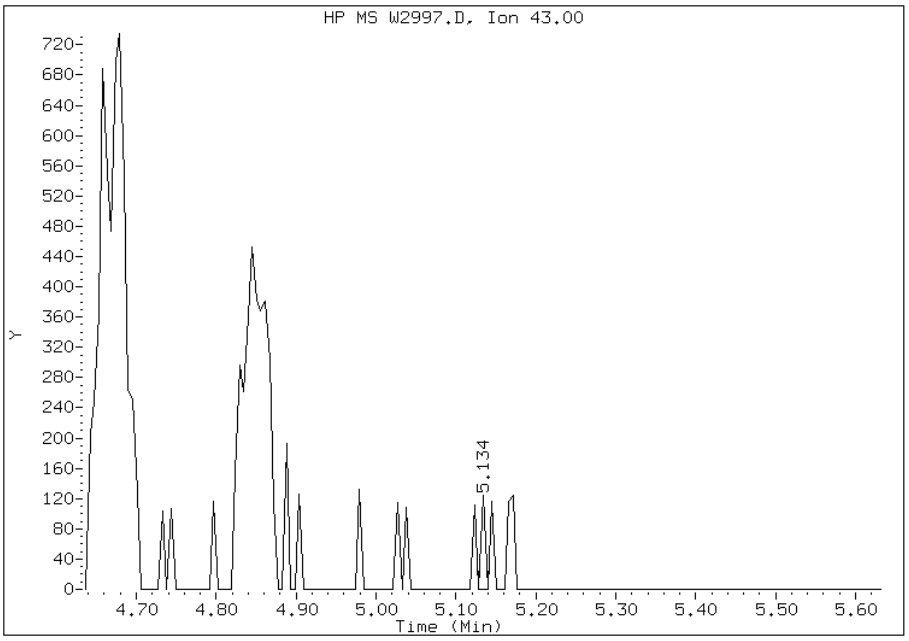
Manual Integration Results

RT: 5.13

Response: 39

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 80 Tetrachloroethene
CAS #: 127-18-4
Report Date: 02/17/2009

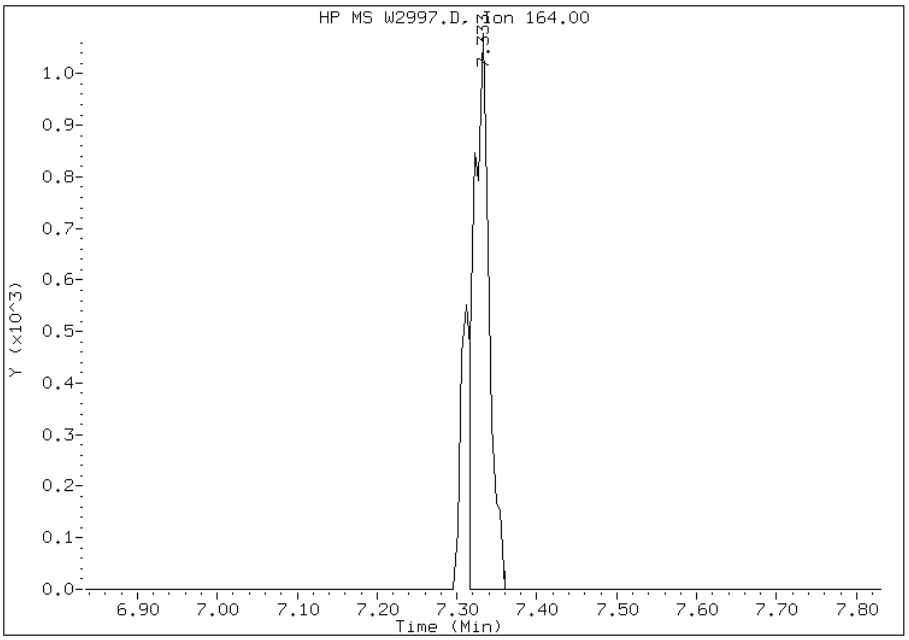
Processing Integration Results

RT: 7.33

Response: 1443

Amount: 0

Conc: 0



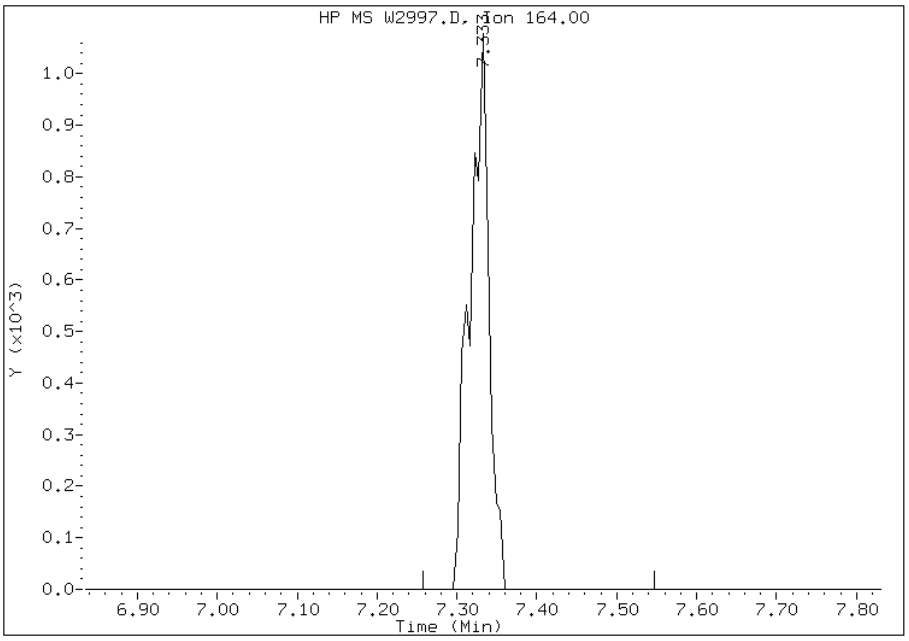
Manual Integration Results

RT: 7.33

Response: 1801

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 19 3-Chloro-1-Propene
CAS #: 107-05-1
Report Date: 02/17/2009

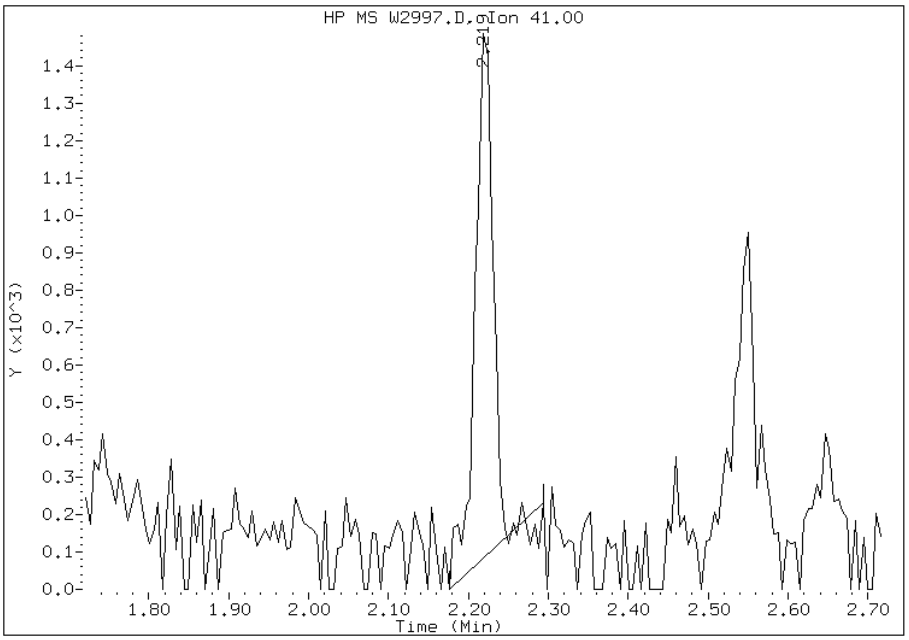
Processing Integration Results

RT: 2.22

Response: 2106

Amount: 0

Conc: 0



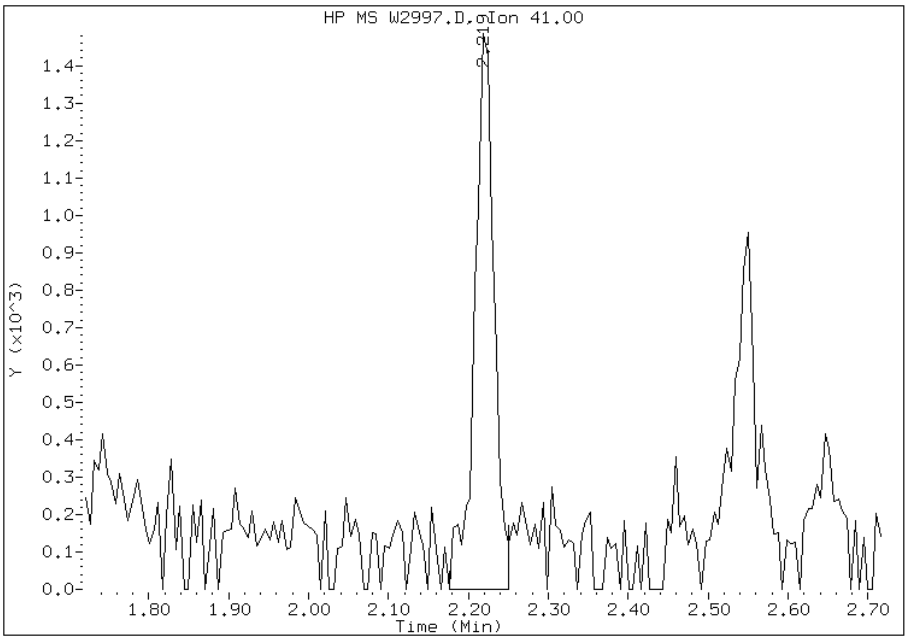
Manual Integration Results

RT: 2.22

Response: 2525

Amount: -0

Conc: -0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

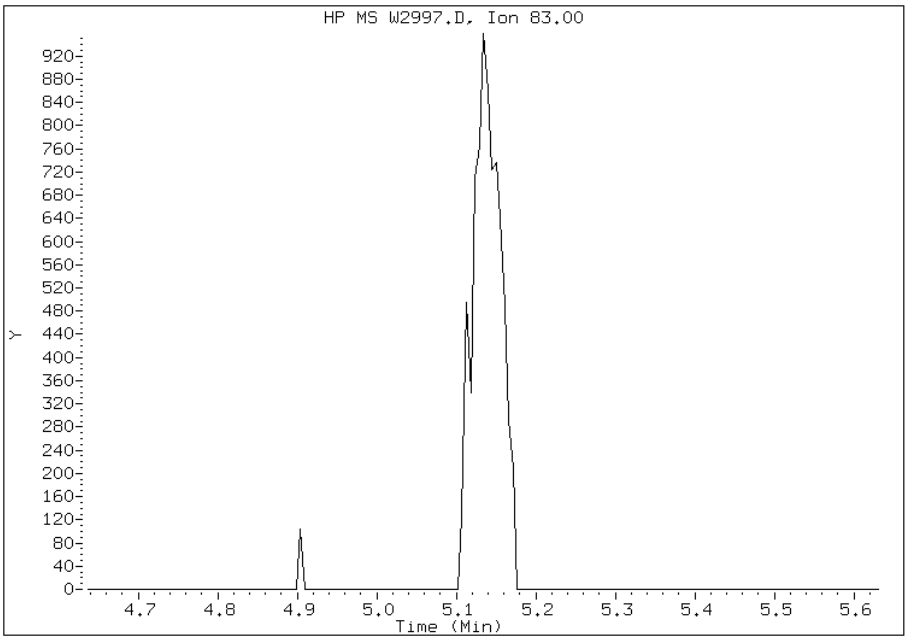
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 59 Methyl Cyclohexane
CAS #: 108-87-2
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 5.13



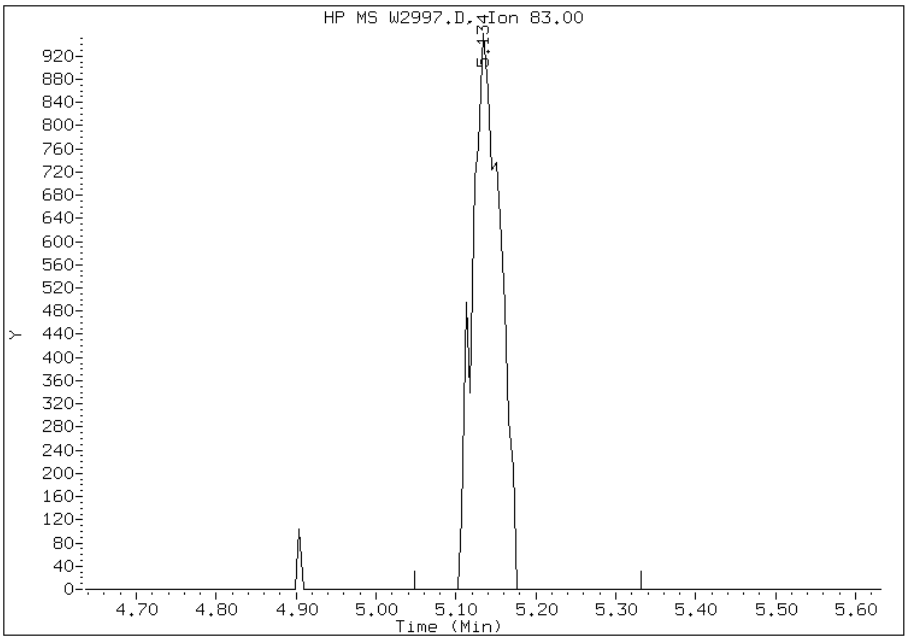
Manual Integration Results

RT: 5.13

Response: 2358

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

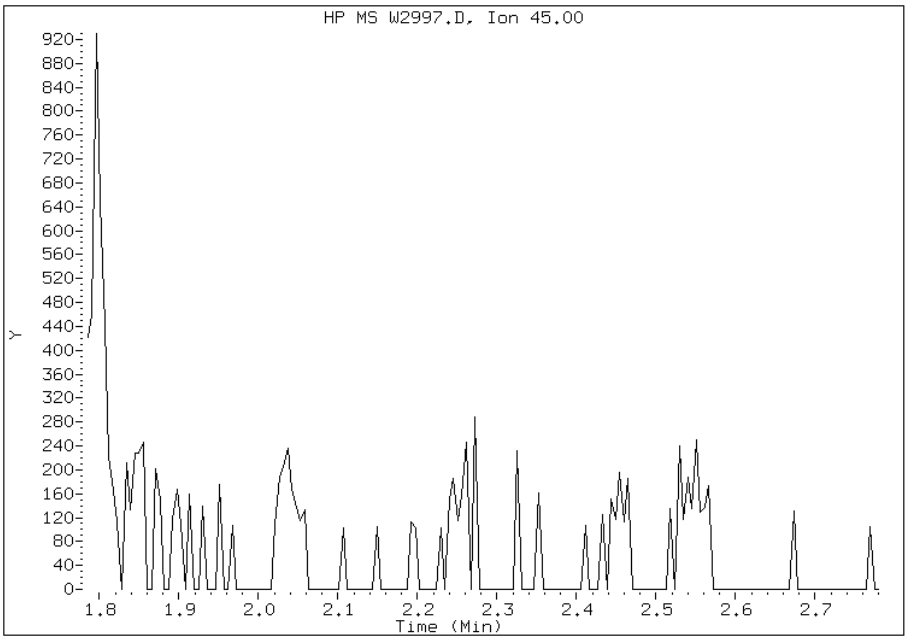
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 2.28



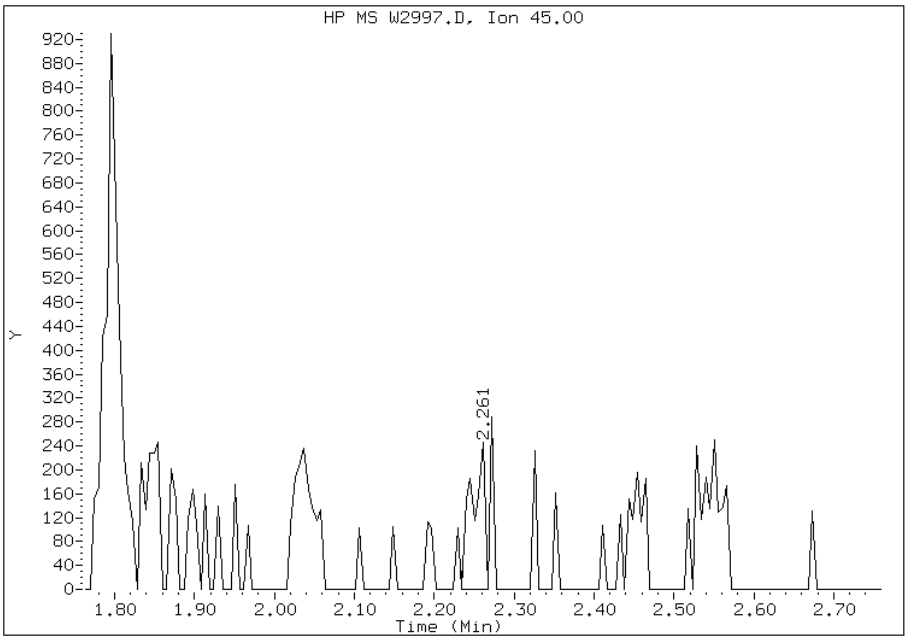
Manual Integration Results

RT: 2.26

Response: 274

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 86 2-Hexanone
CAS #: 591-78-6
Report Date: 02/17/2009

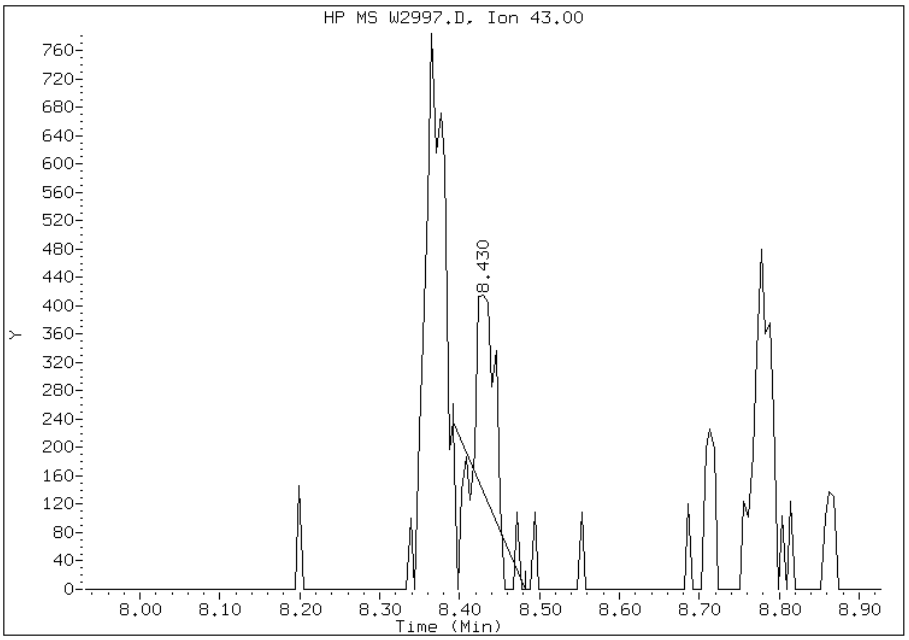
Processing Integration Results

RT: 8.43

Response: 267

Amount: 1

Conc: 1



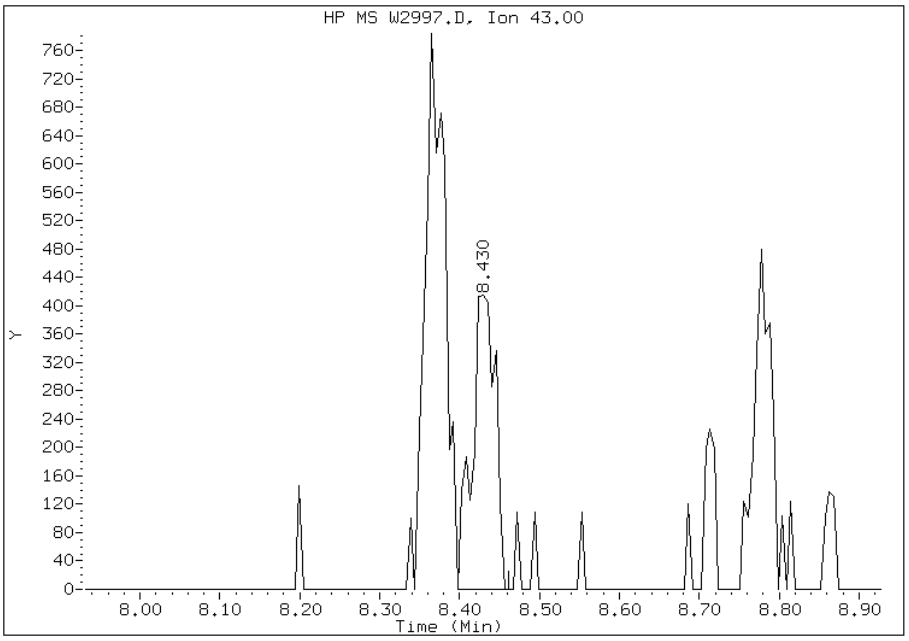
Manual Integration Results

RT: 8.43

Response: 841

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 02/17/2009

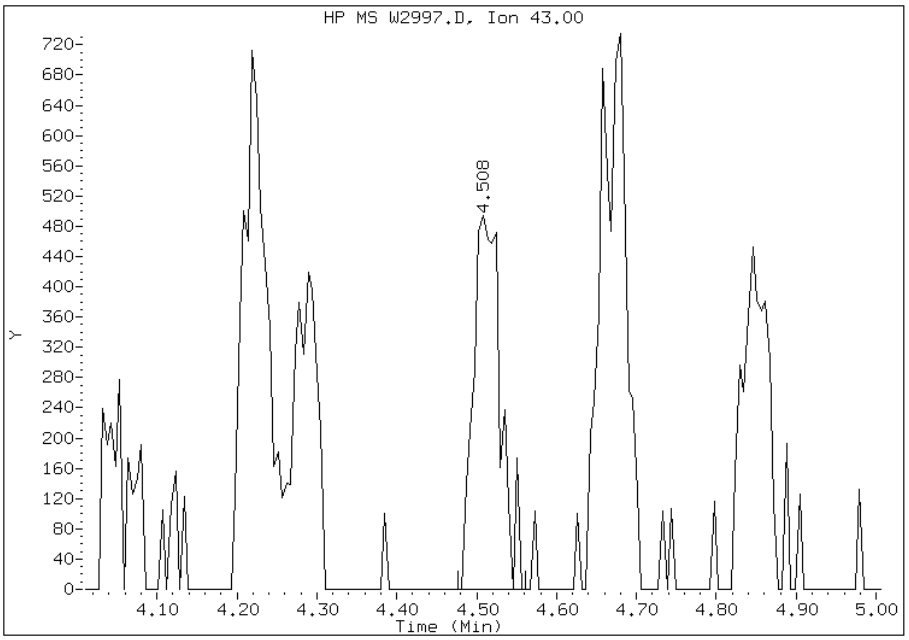
Processing Integration Results

RT: 4.51

Response: 1183

Amount: 1

Conc: 1



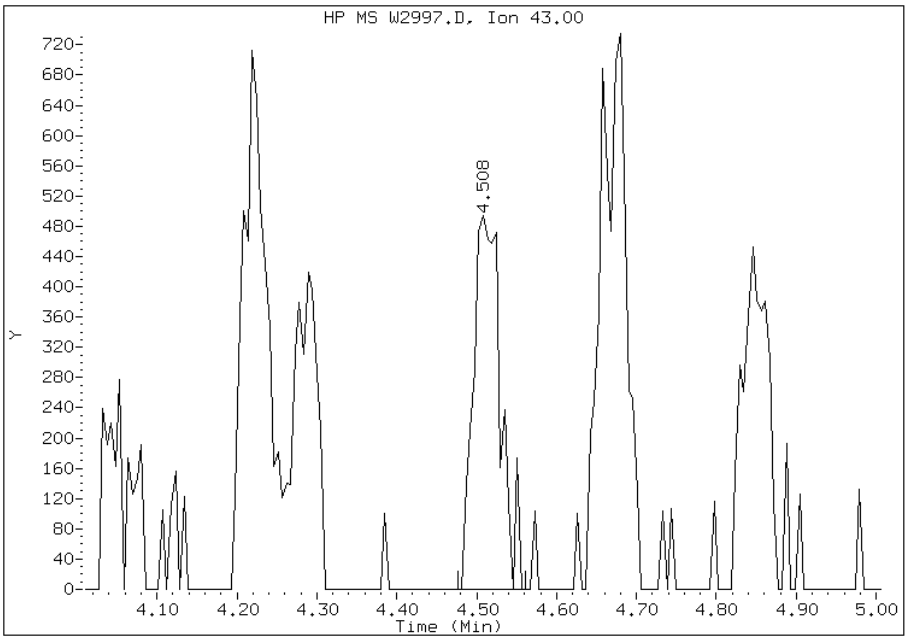
Manual Integration Results

RT: 4.51

Response: 1183

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

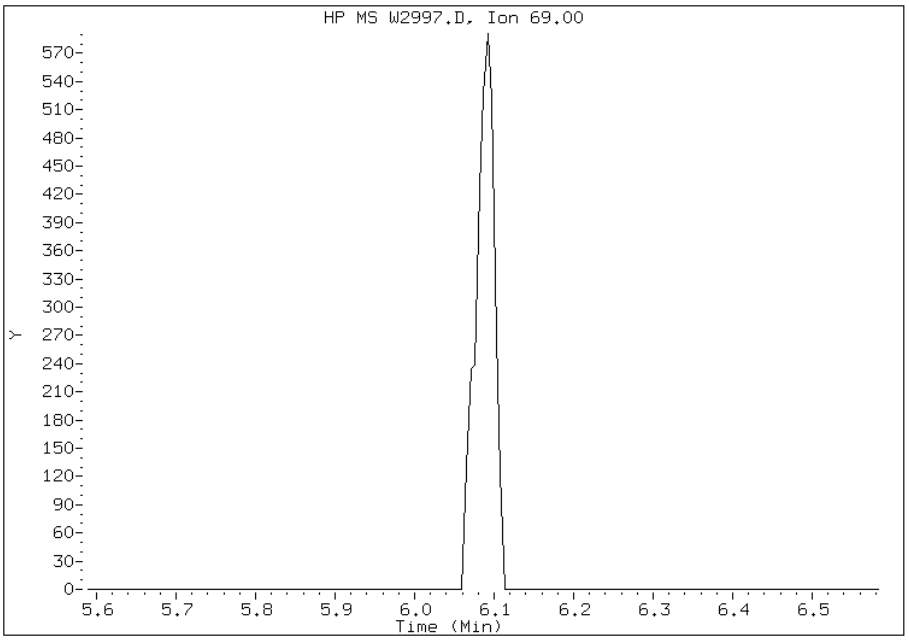
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 66 Methyl Methacrylate
CAS #: 80-62-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.09



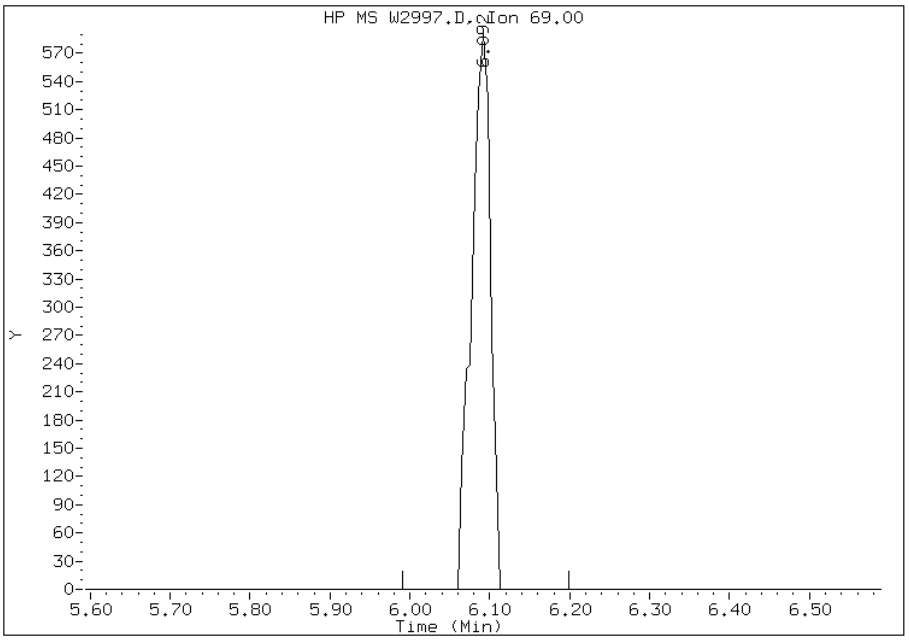
Manual Integration Results

RT: 6.09

Response: 981

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

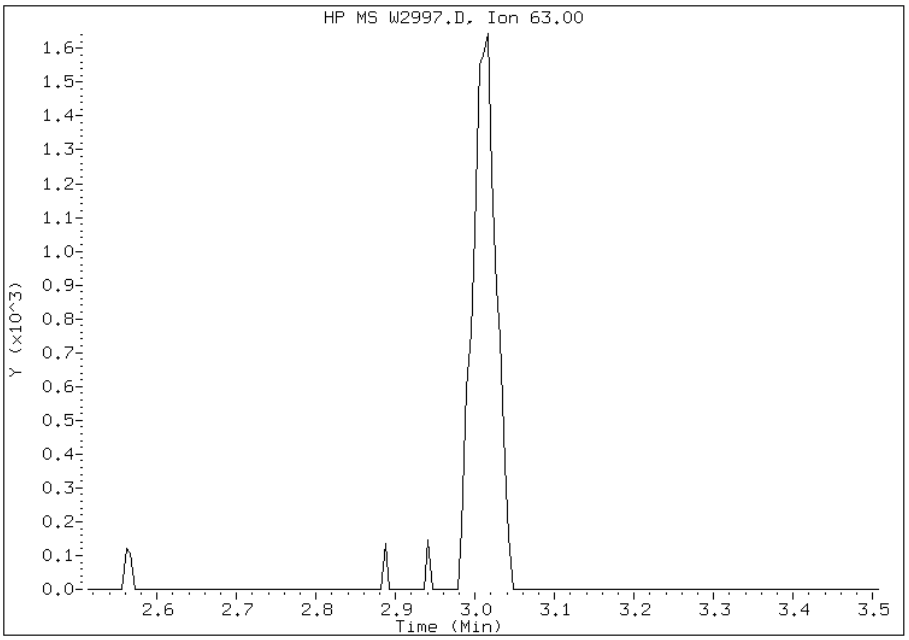
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 3.01



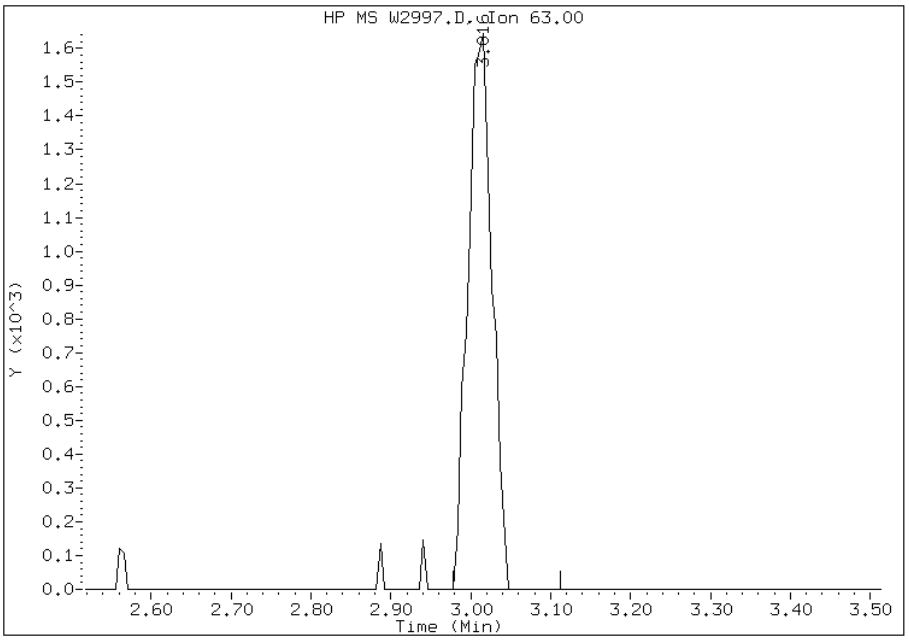
Manual Integration Results

RT: 3.02

Response: 3456

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

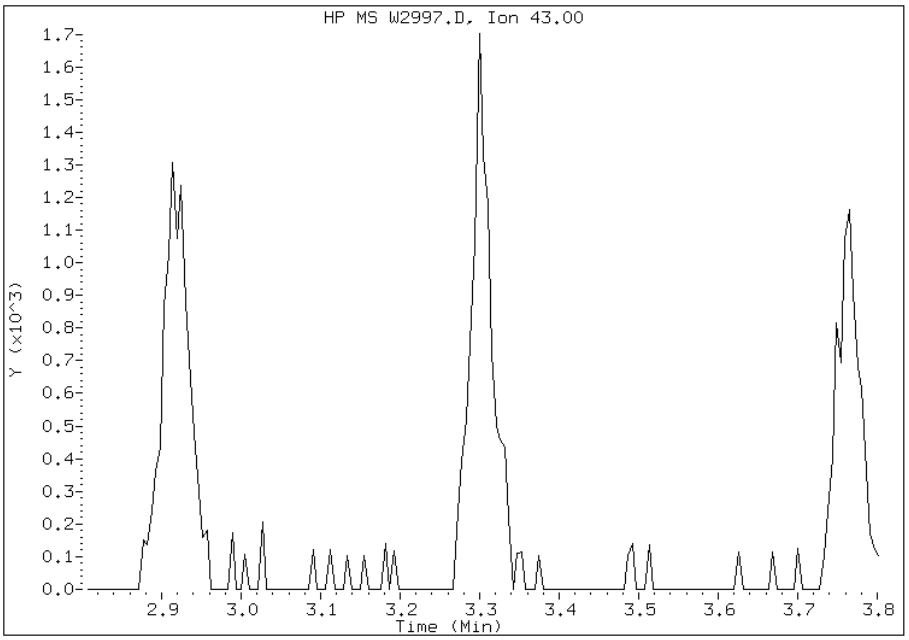
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 3.30



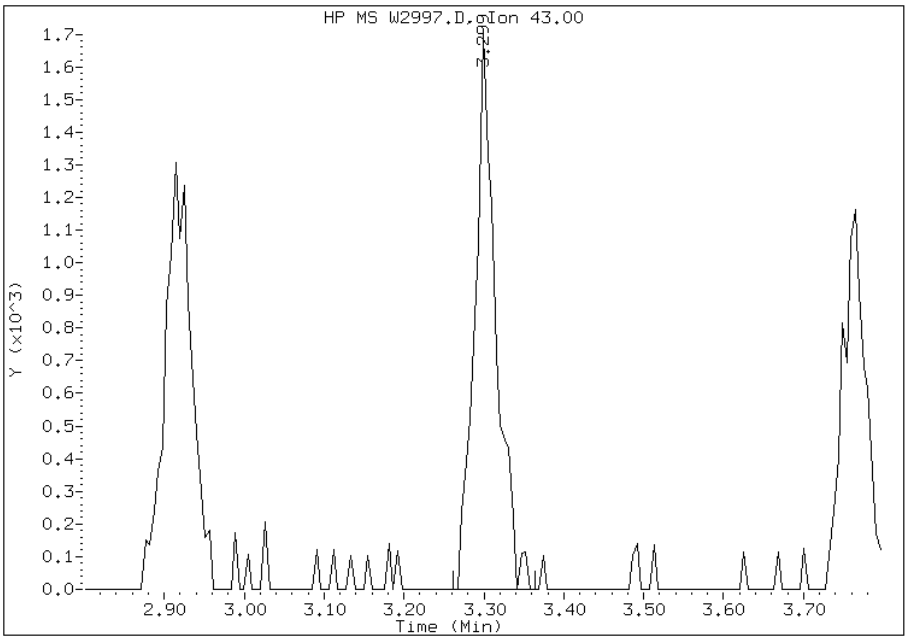
Manual Integration Results

RT: 3.30

Response: 3150

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

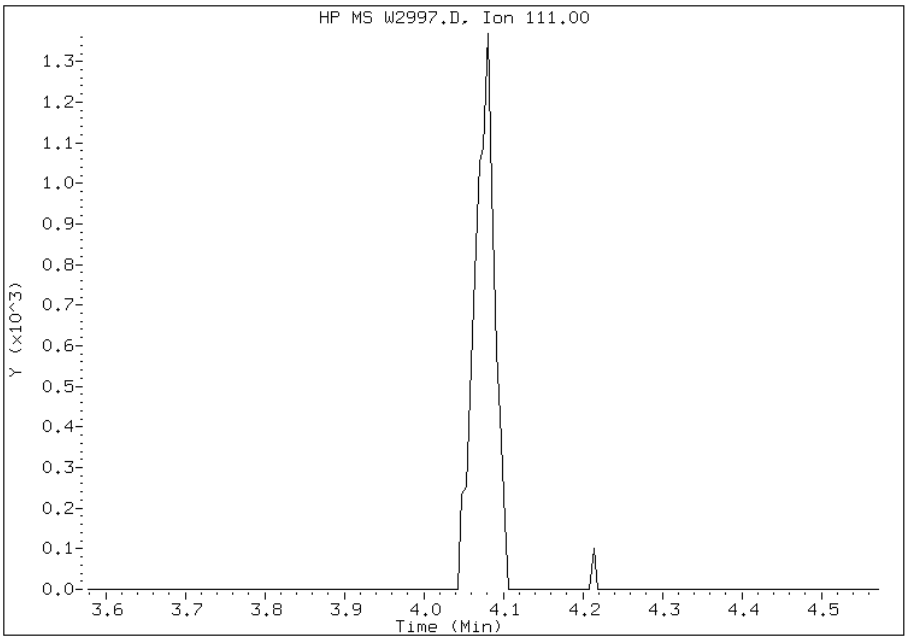
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 41 Dibromofluoromethane
CAS #: 1868-53-7
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.07



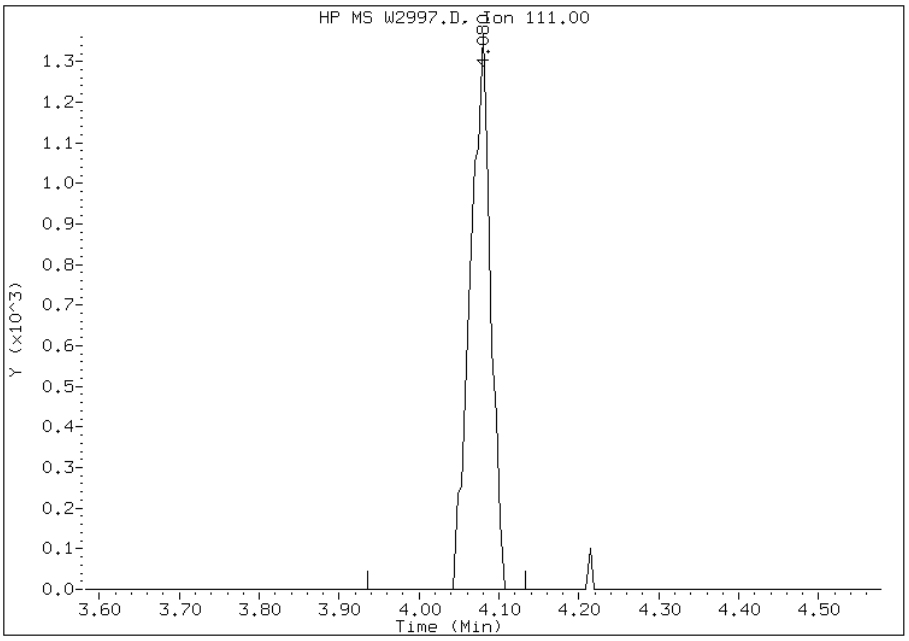
Manual Integration Results

RT: 4.08

Response: 2404

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

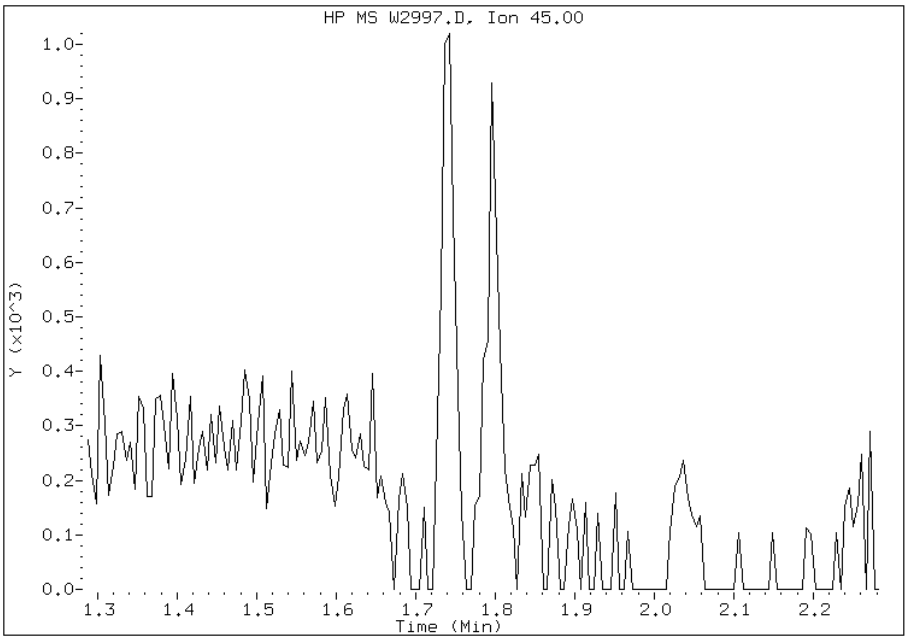
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.79



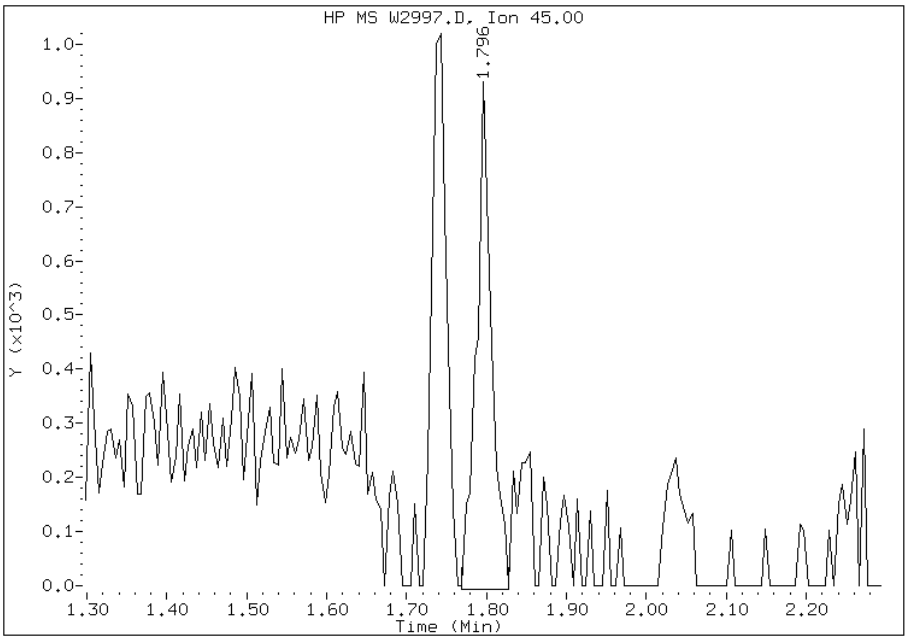
Manual Integration Results

RT: 1.80

Response: 1222

Amount: -5

Conc: -5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

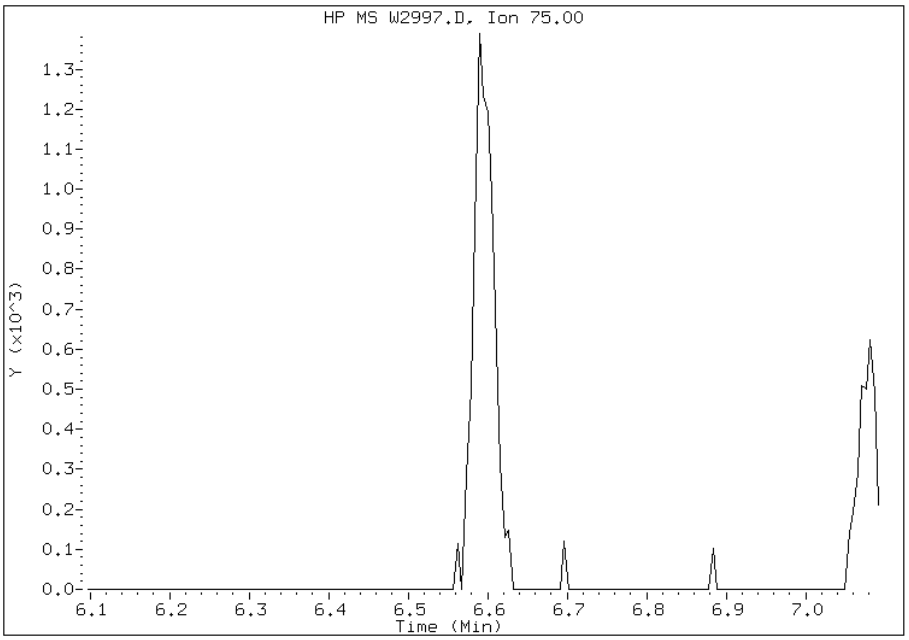
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 70 cis-1,3-Dichloropropene
CAS #: 10061-01-5
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.59



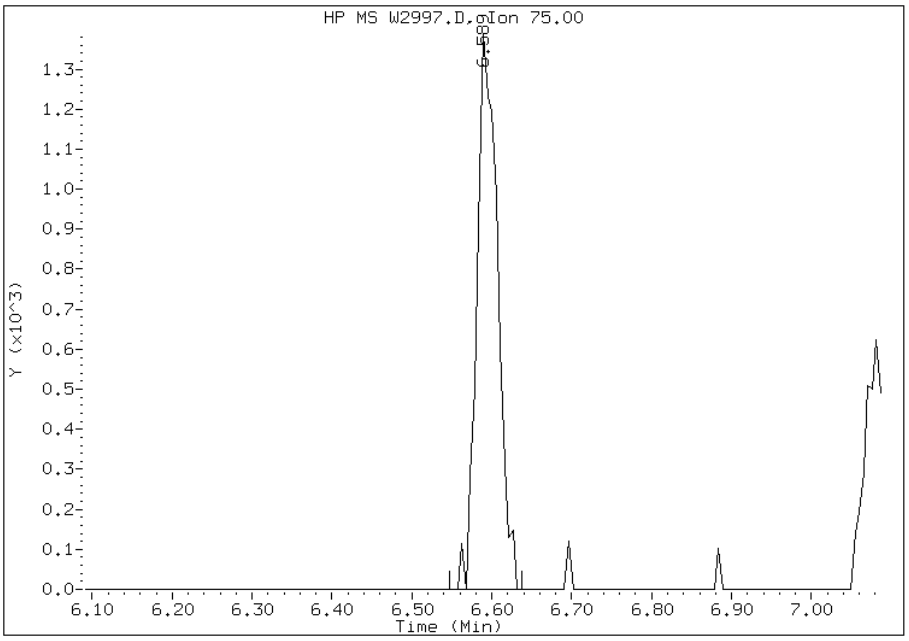
Manual Integration Results

RT: 6.59

Response: 2506

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason:

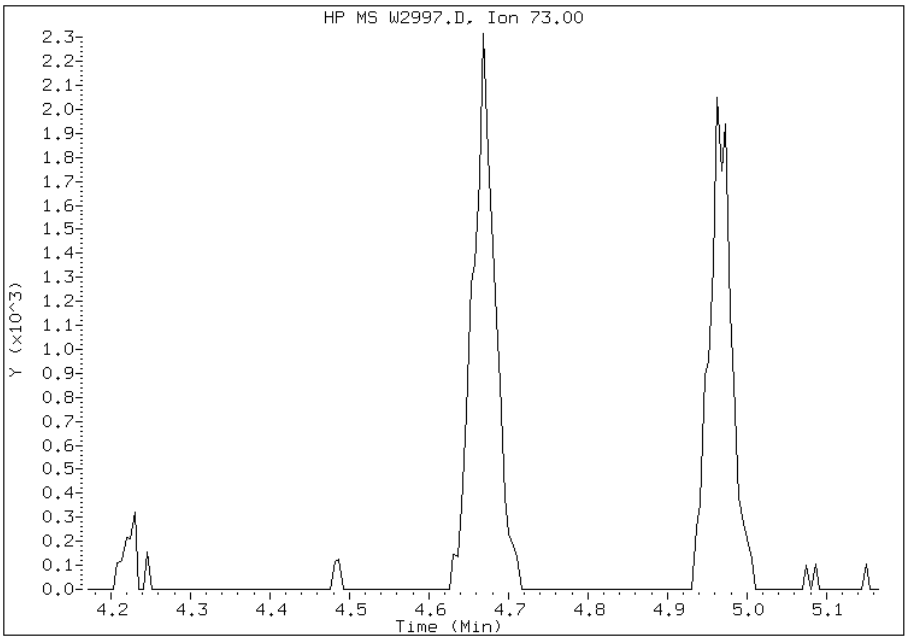
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 47 tert-Amyl methyl ether
CAS #: 994-05-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.67



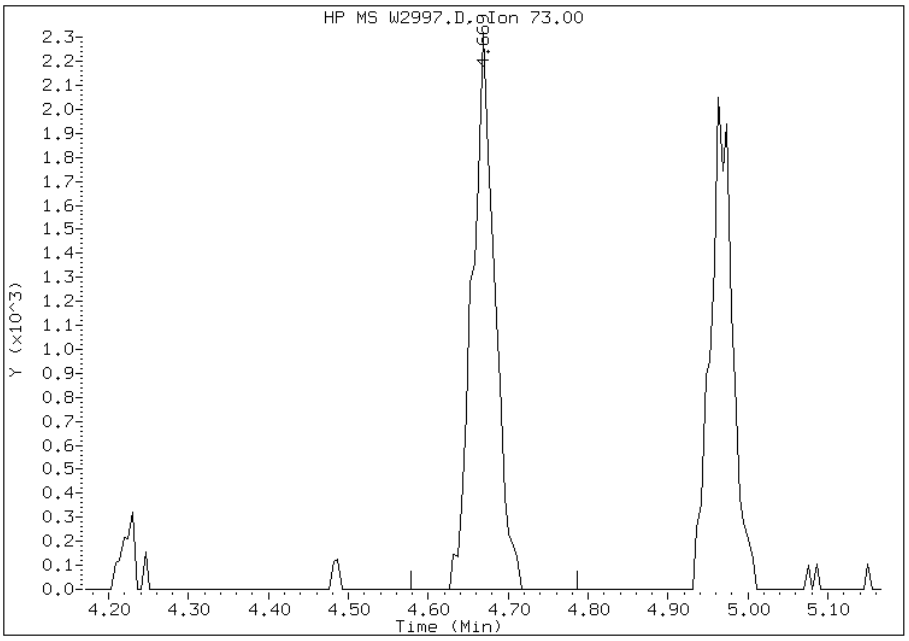
Manual Integration Results

RT: 4.67

Response: 4584

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

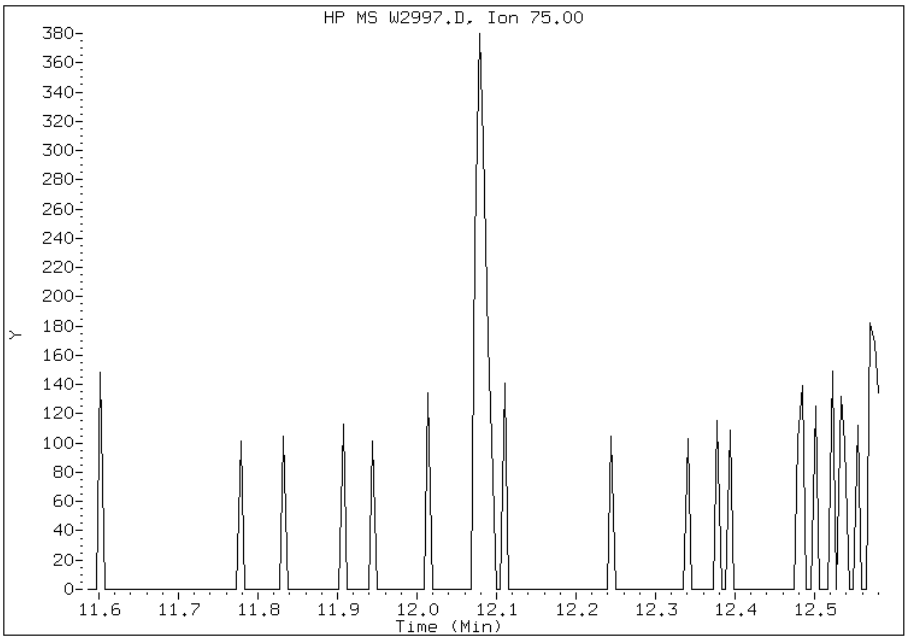
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 119 1,2-Dibromo-3-chloropropane
CAS #: 96-12-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.08



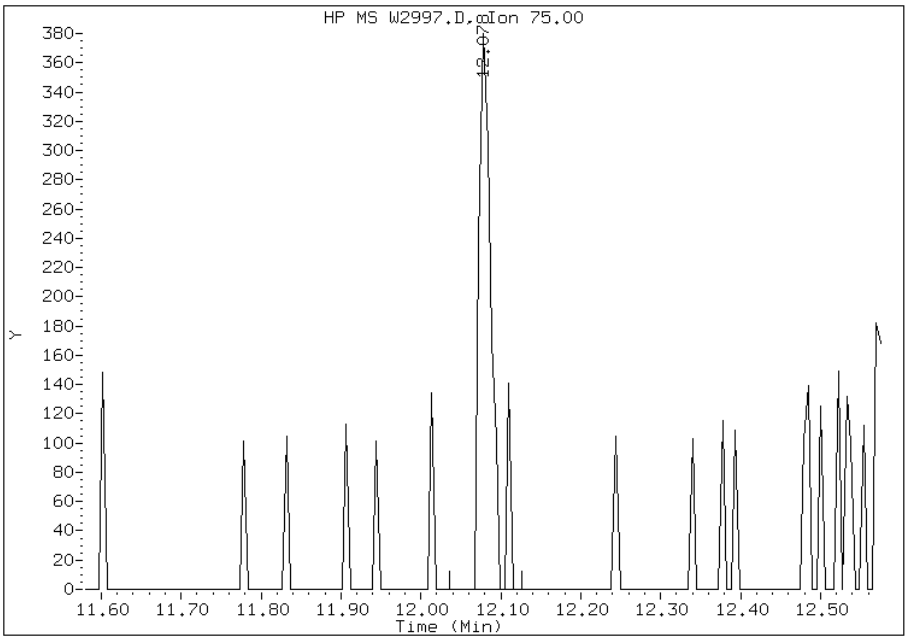
Manual Integration Results

RT: 12.08

Response: 428

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 02/17/2009

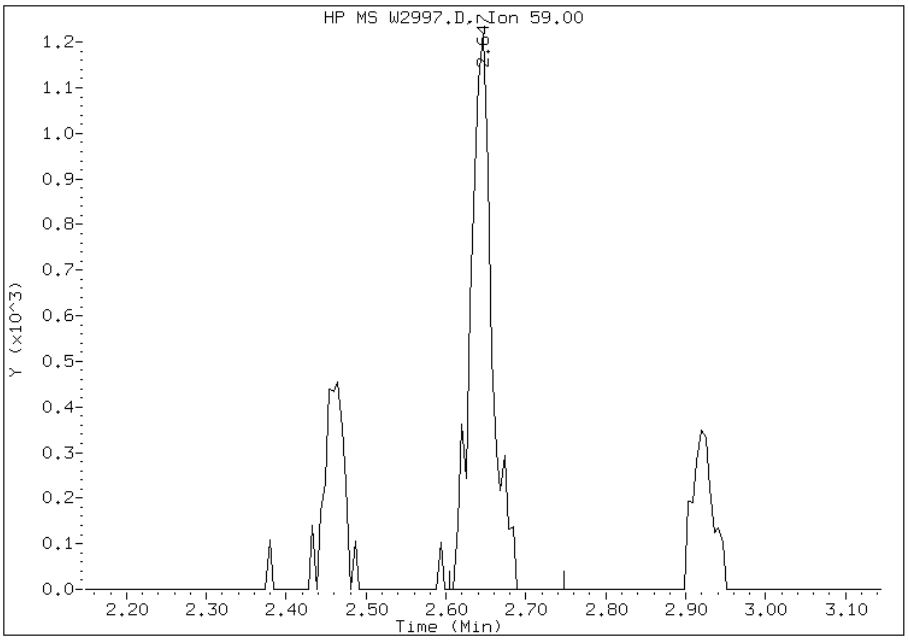
Processing Integration Results

RT: 2.65

Response: 2288

Amount: 1

Conc: 1



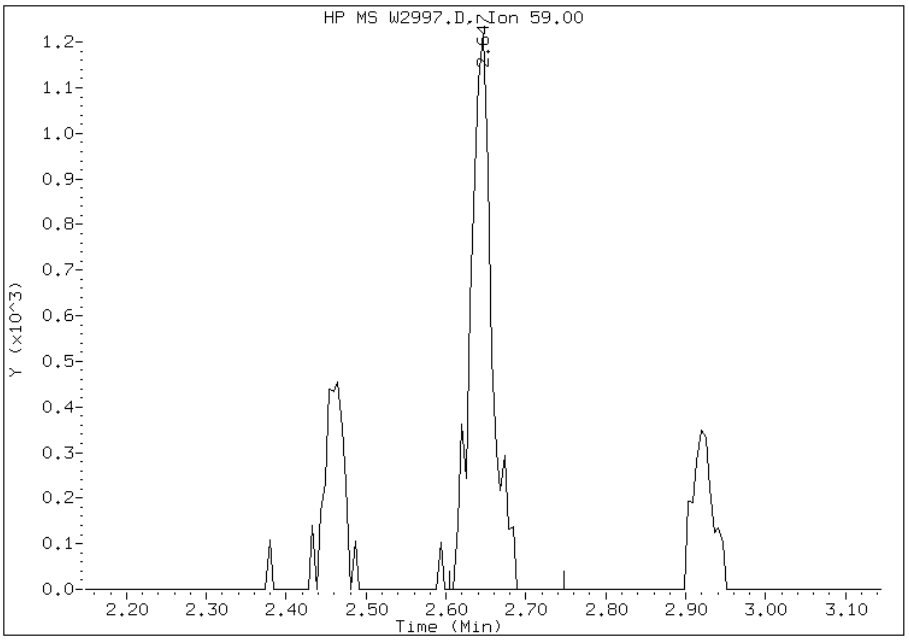
Manual Integration Results

RT: 2.65

Response: 2288

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

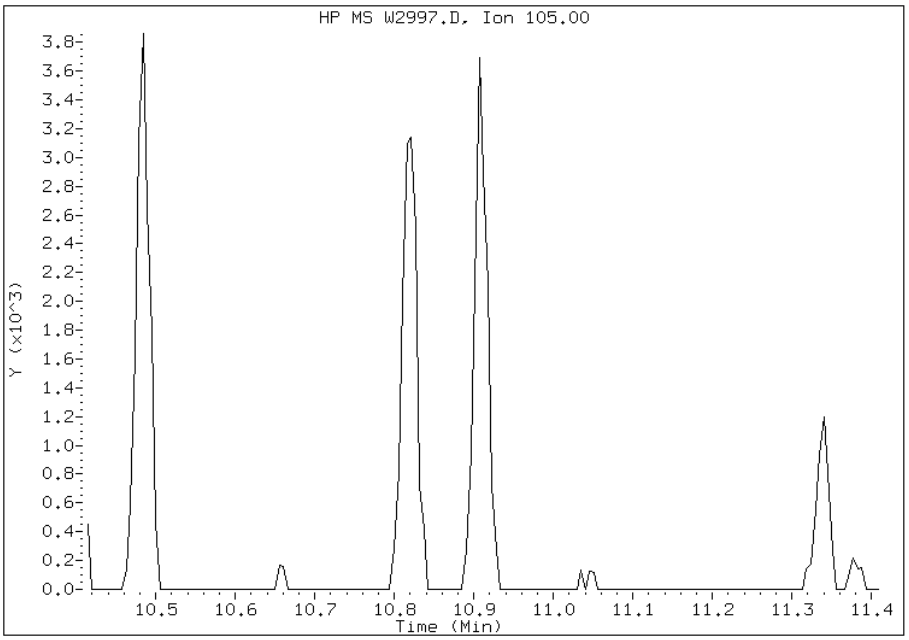
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 108 sec-Butylbenzene
CAS #: 135-98-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 10.91



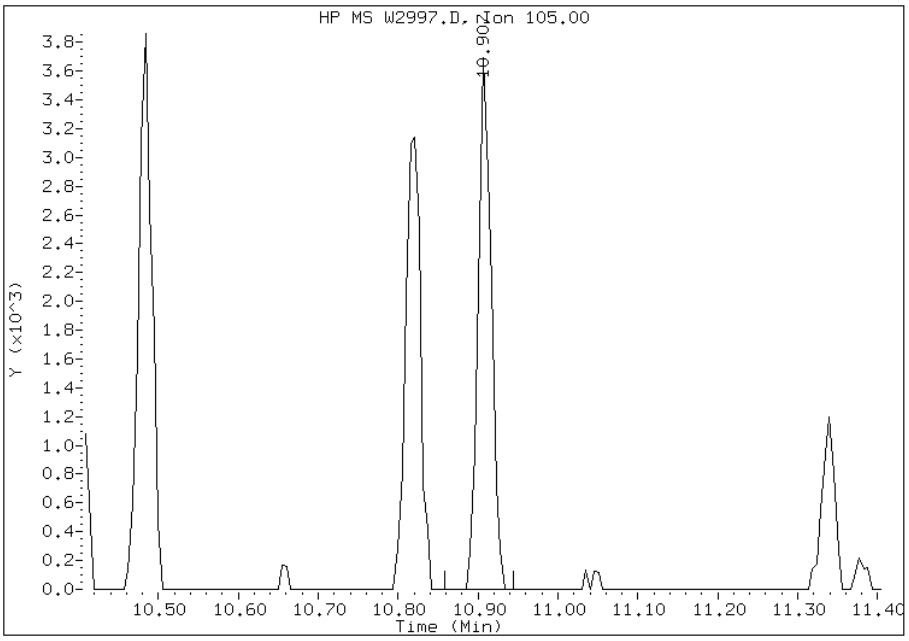
Manual Integration Results

RT: 10.91

Response: 4177

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

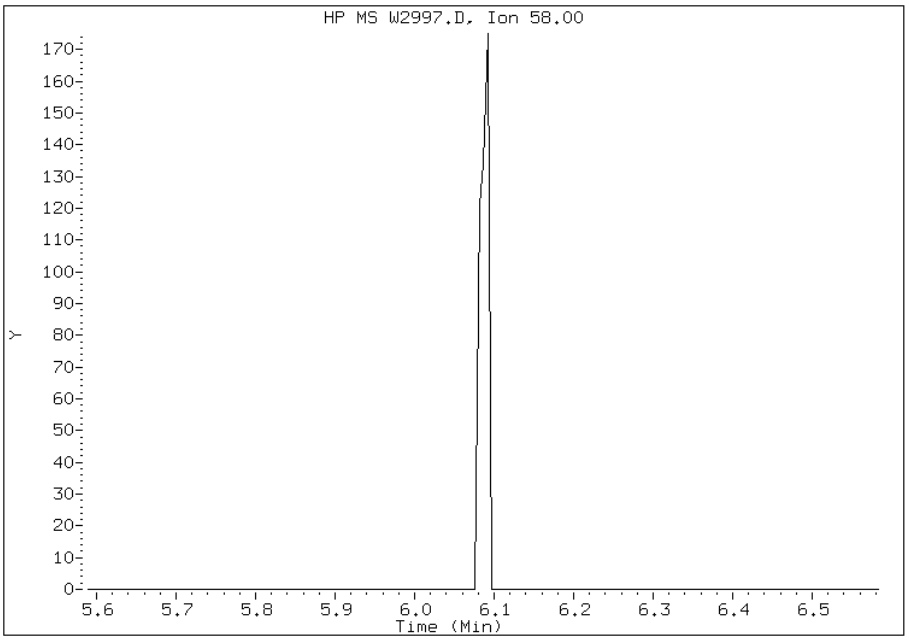
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.09



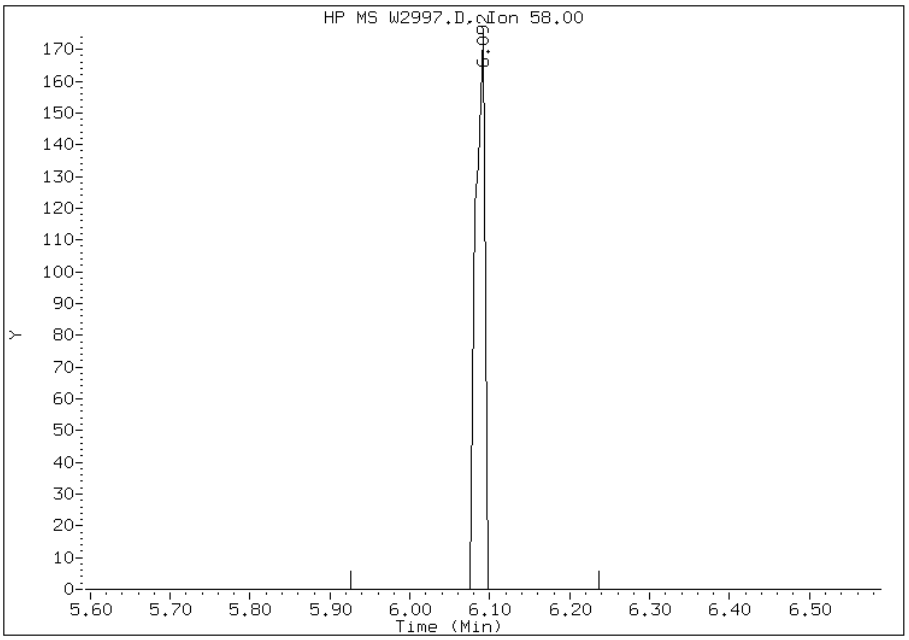
Manual Integration Results

RT: 6.09

Response: 138

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason:

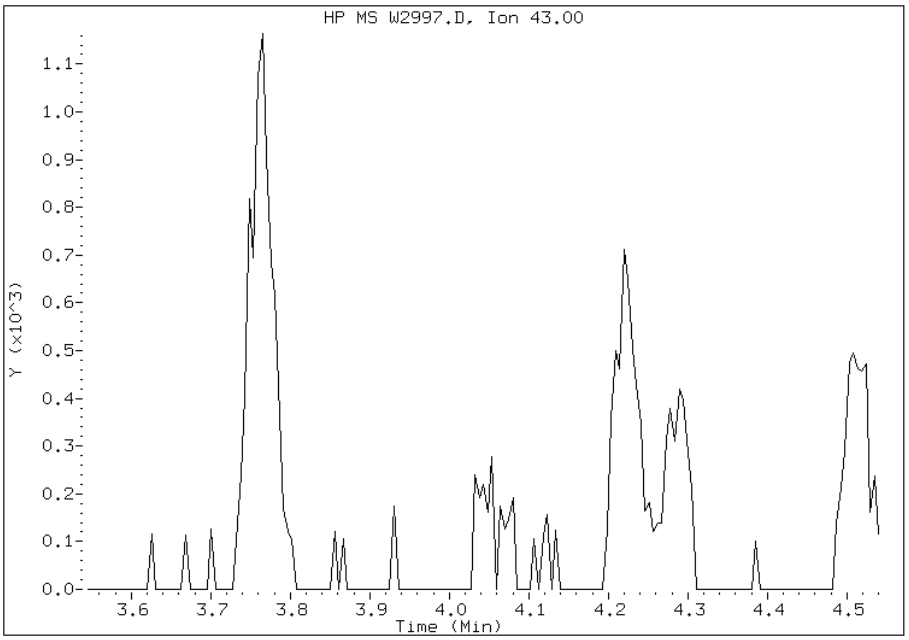
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.04



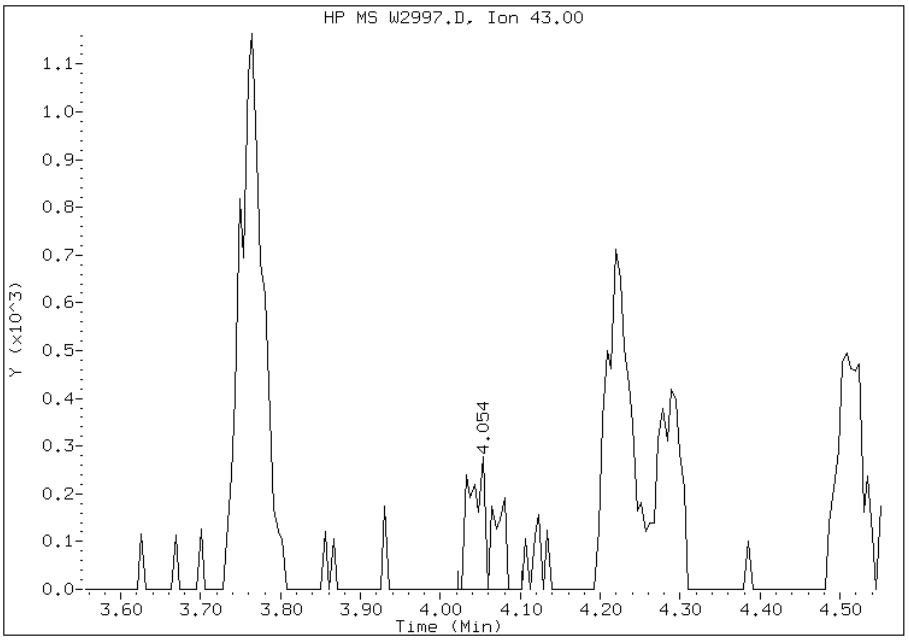
Manual Integration Results

RT: 4.05

Response: 554

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

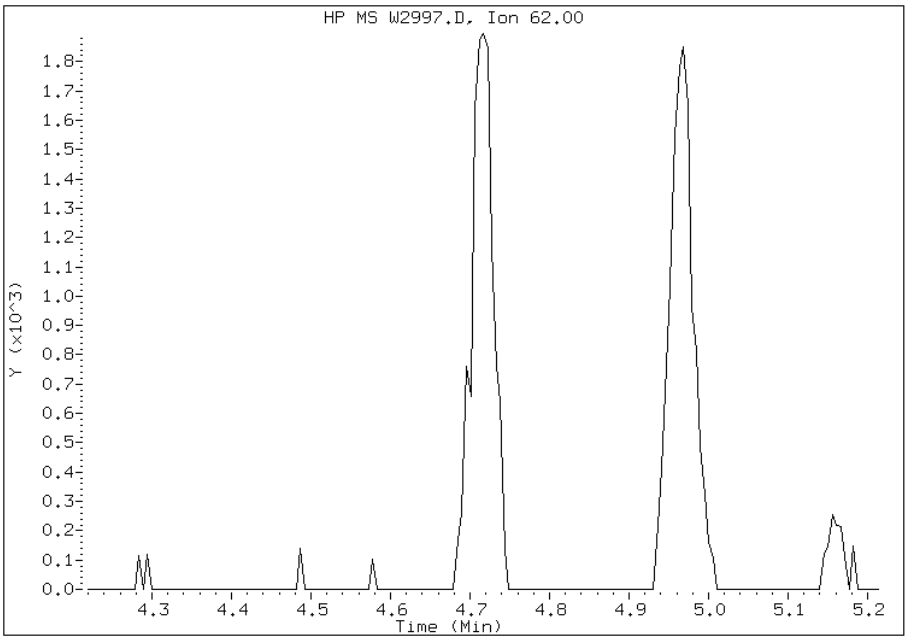
Manual Integration Report

Data File: W2997.D
Inj. Date and Time: 16-FEB-2009 18:01
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 56 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.72



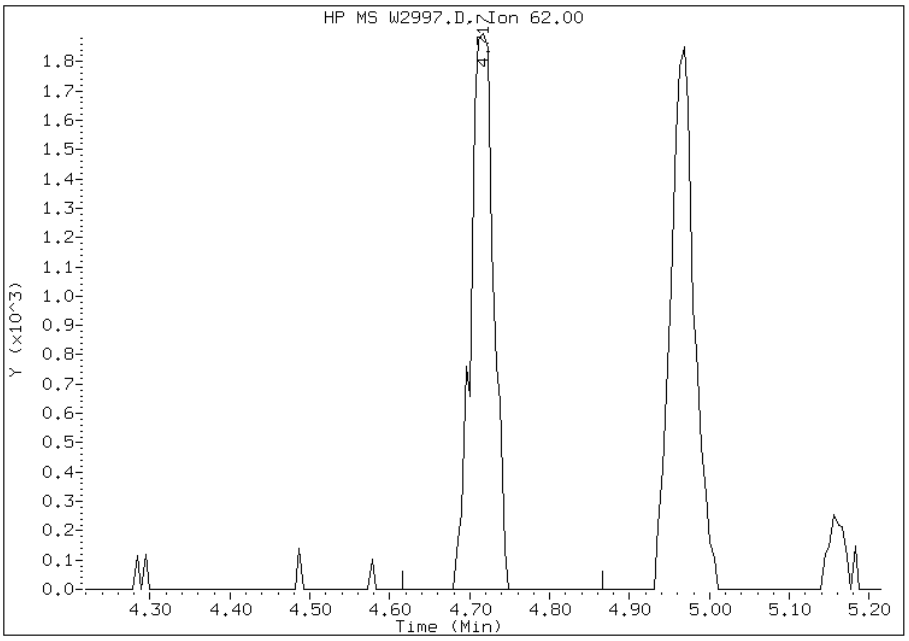
Manual Integration Results

RT: 4.72

Response: 3788

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason:

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W2998.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 16-FEB-2009 18:31 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;2
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W8260LOW.M
Meth Date : 17-Feb-2009 09:45 msw.i Quant Type: ISTD
Cal Date : 16-FEB-2009 18:31 Cal File: W2998.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	204798	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	6901	2.00000	2
3	Chloromethane	50	1.164	1.164	(0.234)	6208	2.00000	2
4	Vinyl Chloride	62	1.175	1.175	(0.237)	8021	2.00000	2(M)
5	Bromomethane	94	1.367	1.367	(0.275)	4841	2.00000	1
6	Chloroethane	64	1.448	1.448	(0.291)	4342	2.00000	0.7
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	17941	2.00000	3
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	17949	2.00000	2(T)
9	Ethyl Ether	45	1.742	1.742	(0.351)	4491	2.00000	1
10	Ethanol	45	1.801	1.801	(0.363)	4099	20.0000	22(M)
11	Freon 141	81	1.795	1.795	(0.361)	16677	2.00000	2
12	Freon 123	67	1.913	1.913	(0.385)	1971	2.00000	1
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	7823	2.00000	2
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	6278	2.00000	2
15	Carbon Disulfide	76	1.886	1.886	(0.380)	18197	2.00000	2
16	Iodomethane	142	1.967	1.967	(0.396)	2483	2.00000	4(M)
17	Acrolein	56	2.116	2.116	(0.426)	2325	10.0000	11
18	2-Propanol	45	2.266	2.266	(0.456)	885	2.00000	3(M)
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	8860	2.00000	2
20	Methylene Chloride	84	2.309	2.309	(0.465)	9357	2.00000	1
21	Acetone	43	2.346	2.346	(0.472)	5135	2.00000	0.8
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	7734	2.00000	2
23	Methyl Acetate	43	2.459	2.459	(0.495)	29470	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	26411	2.00000	2
	25 tert-Butyl alcohol	59	2.641	2.641	(0.532)	6217	10.0000	12(M)
	26 Acetonitrile	41	2.748	2.748	(0.553)	9231	20.0000	20
	27 Isopropyl ether	45	2.914	2.914	(0.587)	18039	2.00000	2
	28 tert-Butyl ethyl ether	59	3.304	3.304	(0.665)	22051	2.00000	2
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	5038	2.00000	2
	30 Acrylonitrile	53	3.063	3.063	(0.617)	5883	4.00000	5
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	13559	2.00000	2
	32 Vinyl Acetate	43	3.299	3.299	(0.664)	13652	2.00000	2(M)
	33 cis-1,2-Dichloroethene	96	3.582	3.582	(0.721)	8481	2.00000	2
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	13602	2.00000	2
	35 Bromochloromethane	128	3.780	3.780	(0.761)	4653	2.00000	2
	36 1-Bromopropane	43	3.764	3.764	(0.758)	8963	2.00000	2
	37 Cyclohexane	84	3.780	3.780	(0.761)	8310	2.00000	1
	38 Chloroform	83	3.882	3.882	(0.781)	15846	2.00000	2
	39 Ethyl Acetate	43	4.042	4.042	(0.814)	1857	4.00000	4(M)
	40 Methyl Acrylate	55	4.037	4.037	(0.813)	6074	2.00000	2
$	41 Dibromofluoromethane	111	4.074	4.074	(0.820)	8399	2.00000	2
	42 Tetrahydrofuran	42	4.037	4.037	(0.813)	4340	4.00000	4
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	14298	2.00000	2
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	15576	2.00000	2
	45 2-Butanone	43	4.219	4.219	(0.849)	3652	2.00000	4(M)
	46 1,1-Dichloropropene	75	4.224	4.224	(0.850)	9645	2.00000	2
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	19985	2.00000	2
	48 tert-Butyl formate	57	4.845	4.845	(0.975)	1924	2.00000	2(M)
	49 1-Chlorobutane	56	4.288	4.288	(0.863)	13473	2.00000	2
	50 Heptane	43	4.518	4.518	(0.910)	4248	2.00000	2
	51 Propionitrile	54	4.524	4.524	(0.911)	11377	20.0000	24
	52 Benzene	78	4.486	4.486	(0.903)	28508	2.00000	2
	53 2-Methyl-2-Propenenitrile	41	4.556	4.556	(0.917)	5151	2.00000	2(M)
	54 Isobutyl alcohol	42	4.668	4.668	(0.940)	1575	20.0000	14
$	55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.933)	12120	2.00000	2
	56 1,2-Dichloroethane	62	4.711	4.711	(0.948)	14782	2.00000	2(M)
	59 Methyl Cyclohexane	83	5.139	5.139	(1.034)	8101	2.00000	2
	60 Trichloroethene	130	5.160	5.160	(1.039)	9090	2.00000	2
	61 Isopropyl Acetate	43	5.134	5.134	(1.033)	355	4.00000	4(M)
	62 n-Butanol	56	5.663	5.663	(1.140)	974	20.0000	41(M)
	63 Dibromomethane	93	5.620	5.620	(1.131)	5686	2.00000	2
	64 1,2-Dichloropropane	63	5.738	5.738	(1.155)	6739	2.00000	2(T)
	65 Bromodichloromethane	83	5.845	5.845	(1.177)	12142	2.00000	2
	66 Methyl Methacrylate	69	6.086	6.086	(1.225)	4753	2.00000	2
	67 1,4-Dioxane	58	6.091	6.091	(1.226)	402	20.0000	18(M)
	68 n-Propyl Acetate	43	6.562	6.562	(1.321)	1623	4.00000	4(M)
	69 2-Chloroethylvinylether	63	6.562	6.562	(1.321)	2362	2.00000	2(M)
	70 cis-1,3-Dichloropropene	75	6.589	6.589	(1.326)	10888	2.00000	2
	71 Chloroacetonitrile	48	7.070	7.070	(1.423)	1083	20.0000	11
	72 2-Nitropropane	41	7.145	7.145	(1.438)	5364	4.00000	4(T)
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.490)	10480	2.00000	2
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.527)	6842	2.00000	2
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	207086	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	29618	2.00000	2
$	77 Toluene-d8	98	6.813	6.813	(0.782)	25841	2.00000	2
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	17048	10.0000	10
	79 4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	4662	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	80 Tetrachloroethene	164	7.322	7.322	(0.840)	7028	2.00000	2
	81 Ethyl Methacrylate	69	7.669	7.669	(0.880)	5697	2.00000	2
	82 Dibromochloromethane	129	7.787	7.787	(0.894)	8849	2.00000	2(T)
	83 1,3-Dichloropropane	76	7.905	7.905	(0.907)	11686	2.00000	2
	84 1,2-Dibromoethane	107	8.033	8.033	(0.922)	7124	2.00000	2
	85 n-Butyl Acetate	56	8.777	8.777	(1.007)	3341	2.00000	2(MH)
	86 2-Hexanone	43	8.434	8.434	(0.968)	2843	2.00000	2(T)
	87 1-Chlorohexane	91	8.793	8.793	(1.009)	7935	2.00000	2(M)
	88 Chlorobenzene	112	8.734	8.734	(1.002)	20798	2.00000	2
	89 1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.015)	8554	2.00000	2(T)
	90 Ethylbenzene	106	8.814	8.814	(1.012)	10039	2.00000	2
	91 Xylene (total)mp	106	9.018	9.018	(1.035)	23301	4.00000	4
	92 Xylene (total)o	106	9.520	9.520	(1.093)	10169	2.00000	2
	93 Styrene	104	9.579	9.579	(1.099)	14784	2.00000	2
	94 Bromoform	173	9.563	9.563	(1.098)	5723	2.00000	2
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	116651	25.0000	
	96 Isopropylbenzene	105	9.874	9.874	(0.887)	23597	2.00000	2
	97 Bromobenzene	156	10.205	10.205	(0.917)	9456	2.00000	2
	98 1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	7839	2.00000	2
	99 4-Ethyltoluene	105	10.398	10.398	(0.935)	24235	2.00000	2
	100 1,2,3-Trichloropropane	110	10.451	10.451	(0.939)	3511	2.00000	2
	101 trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	4472	4.00000	3
	102 n-Propylbenzene	91	10.285	10.285	(0.925)	26349	2.00000	2
	103 2-Chlorotoluene	91	10.398	10.398	(0.935)	23208	2.00000	2
	104 4-Chlorotoluene	91	10.553	10.553	(0.949)	22111	2.00000	2
	105 1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	21665	2.00000	2
	106 tert-Butylbenzene	119	10.756	10.756	(0.967)	16835	2.00000	2
	107 1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	20478	2.00000	2
	108 sec-Butylbenzene	105	10.906	10.906	(0.980)	21527	2.00000	2
	109 4-Isopropyltoluene	119	11.040	11.040	(0.992)	17713	2.00000	2
	110 1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	15675	2.00000	2
	111 1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	16782	2.00000	2
	112 1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	15510	2.00000	2
	113 Benzyl Chloride	126	11.350	11.350	(1.020)	2881	2.00000	2
	114 1,4-Diethylbenzene	119	11.339	11.339	(1.019)	9049	2.00000	2
	115 n-Butylbenzene	91	11.382	11.382	(1.023)	13837	2.00000	2
	118 1,2,4,5-Tetramethylbenzene	119	11.955	11.955	(1.075)	12423	2.00000	3
	119 1,2-Dibromo-3-chloropropane	75	12.078	12.078	(1.086)	1868	2.00000	2
	120 Nitrobenzene	77	12.484	12.484	(1.122)	1477	20.0000	29(M)
	121 1,2,4-Trichlorobenzene	180	12.575	12.575	(1.130)	5149	2.00000	2
	122 Hexachlorobutadiene	225	12.575	12.575	(1.130)	5581	2.00000	3
	123 Naphthalene	128	12.800	12.800	(1.151)	7944	2.00000	3(M)
	124 1,2,3-Trichlorobenzene	180	12.934	12.934	(1.163)	5012	2.00000	2
$	125 Bromofluorobenzene	95	10.125	10.125	(0.910)	10494	2.00000	2
M	126 1,2-Dichloroethene (total)	100				16215	4.00000	4
M	127 Xylene (total)	100				33470	6.00000	6

QC Flag Legend

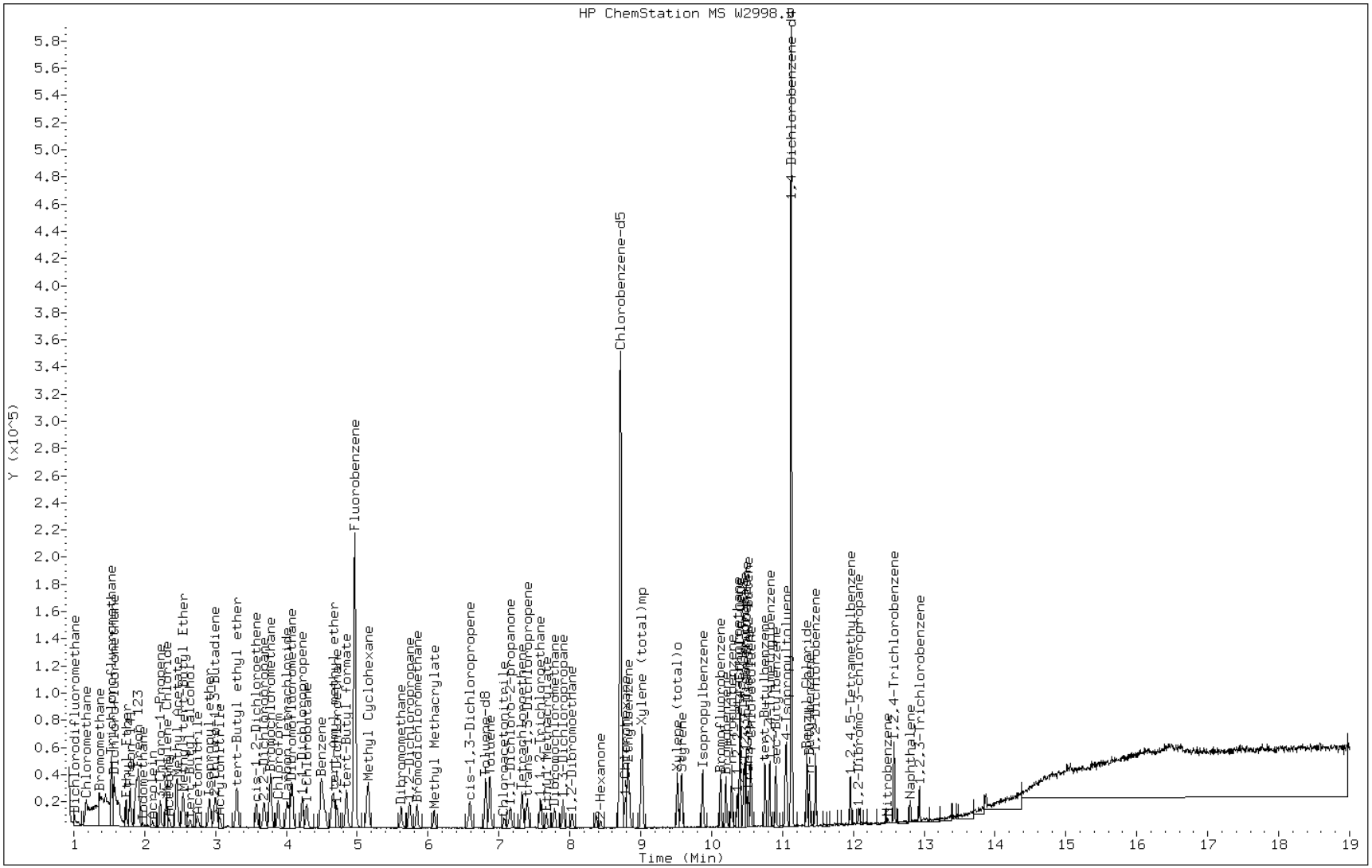
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W2998.D

Date: 16-FEB-2009 18:31

Client ID: IC;2 Instrument: msw.i

Sample Info: IC;2 Operator: B.KOSTRZEWSKA



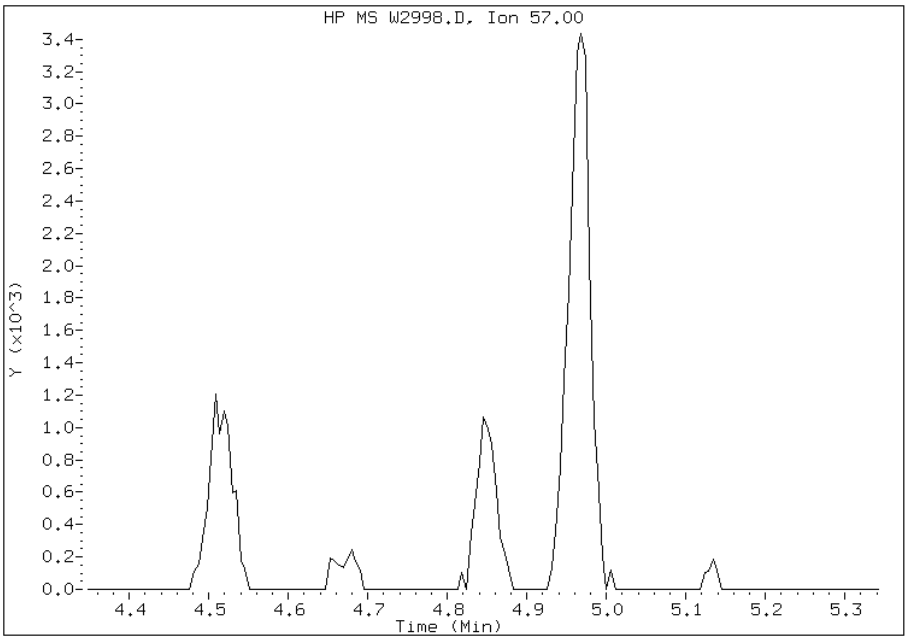
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 48 tert-Butyl formate
CAS #: 762-75-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.85



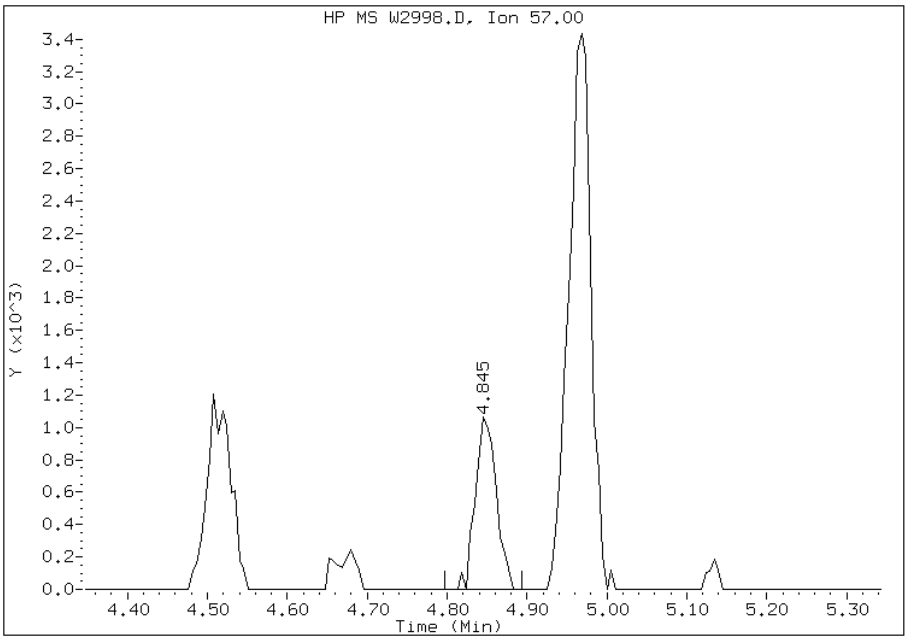
Manual Integration Results

RT: 4.85

Response: 1924

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 02/17/2009

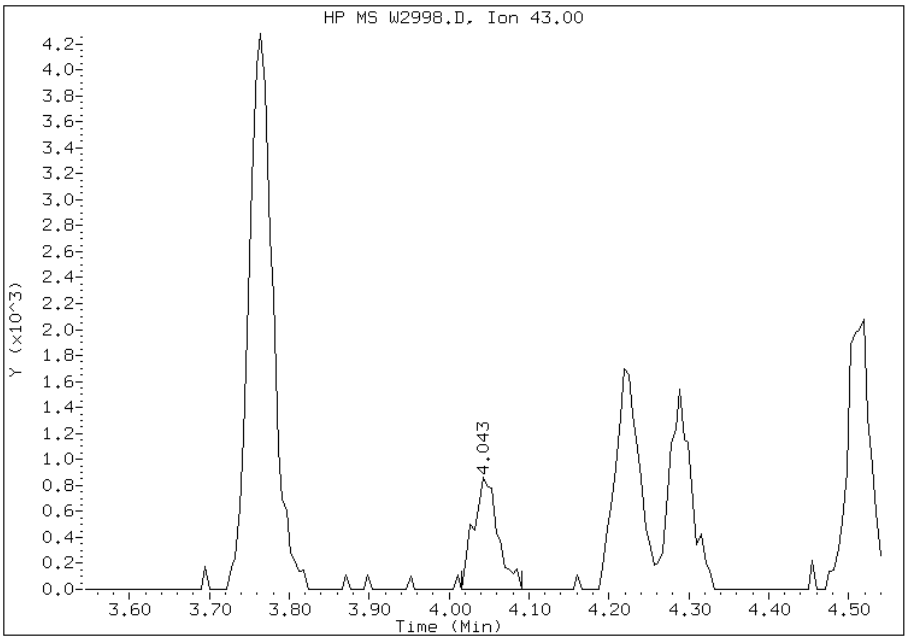
Processing Integration Results

RT: 4.04

Response: 1819

Amount: 2

Conc: 2



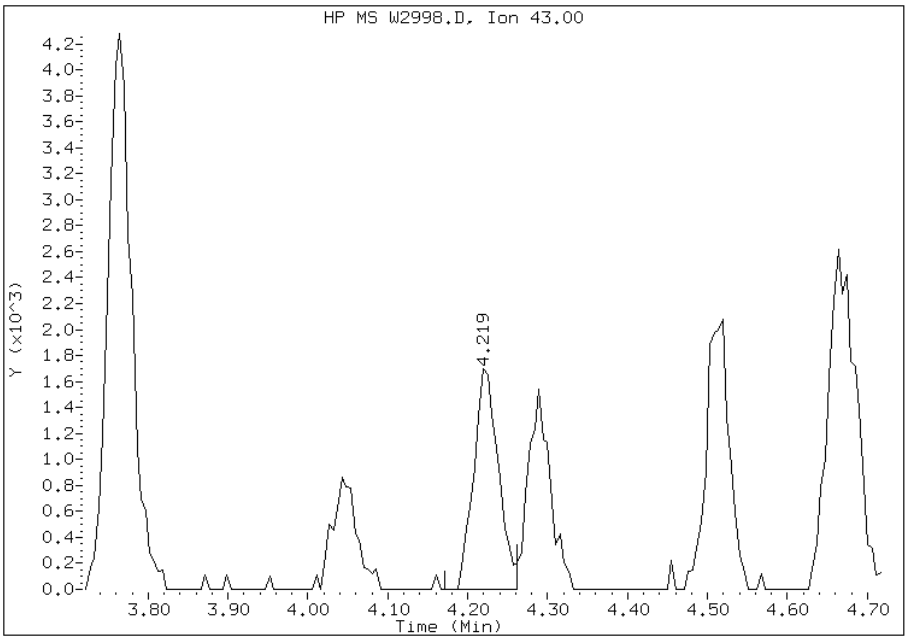
Manual Integration Results

RT: 4.22

Response: 3652

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/17/2009

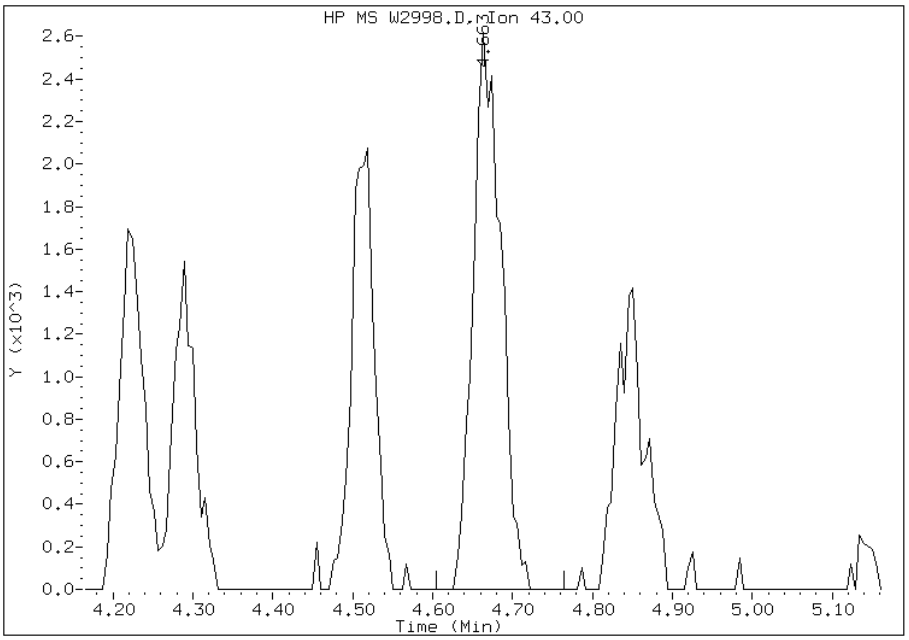
Processing Integration Results

RT: 4.66

Response: 6420

Amount: 5

Conc: 5



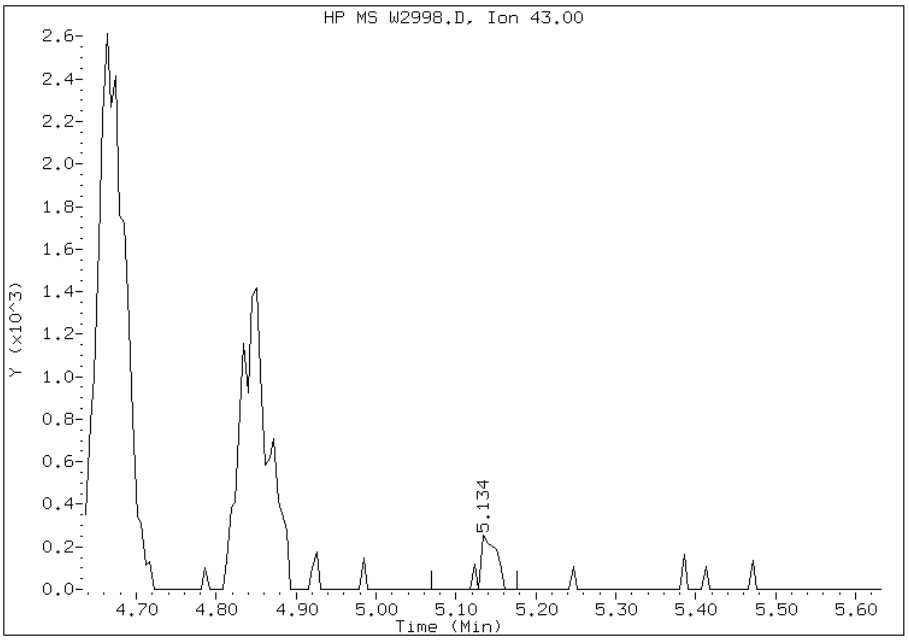
Manual Integration Results

RT: 5.13

Response: 355

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 02/17/2009

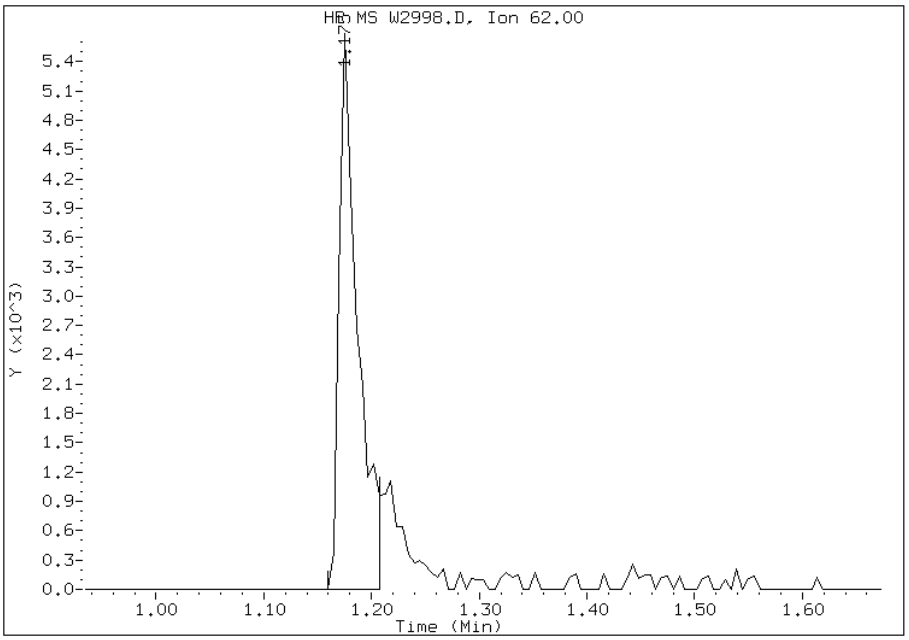
Processing Integration Results

RT: 1.18

Response: 6876

Amount: 2

Conc: 2



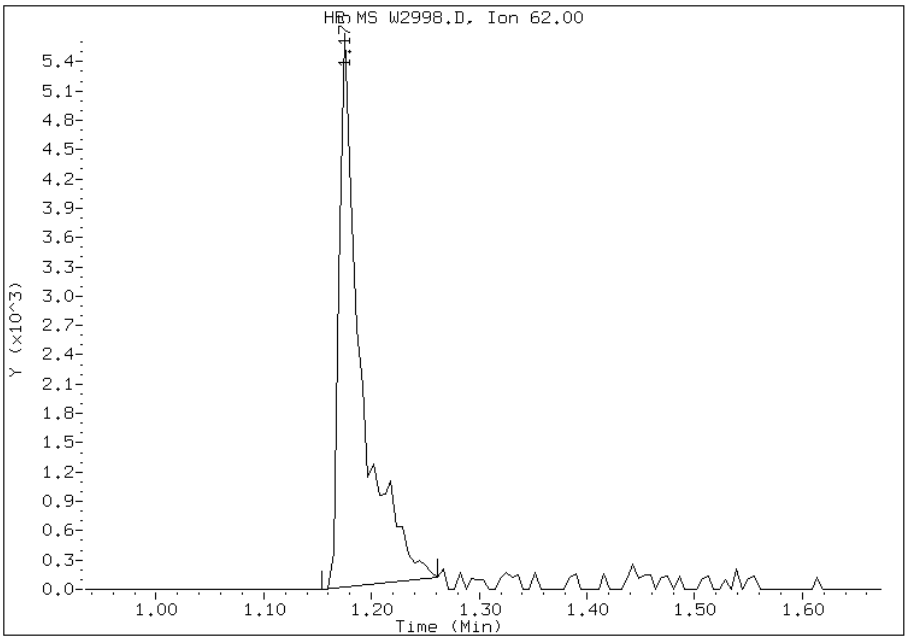
Manual Integration Results

RT: 1.18

Response: 8021

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/17/2009

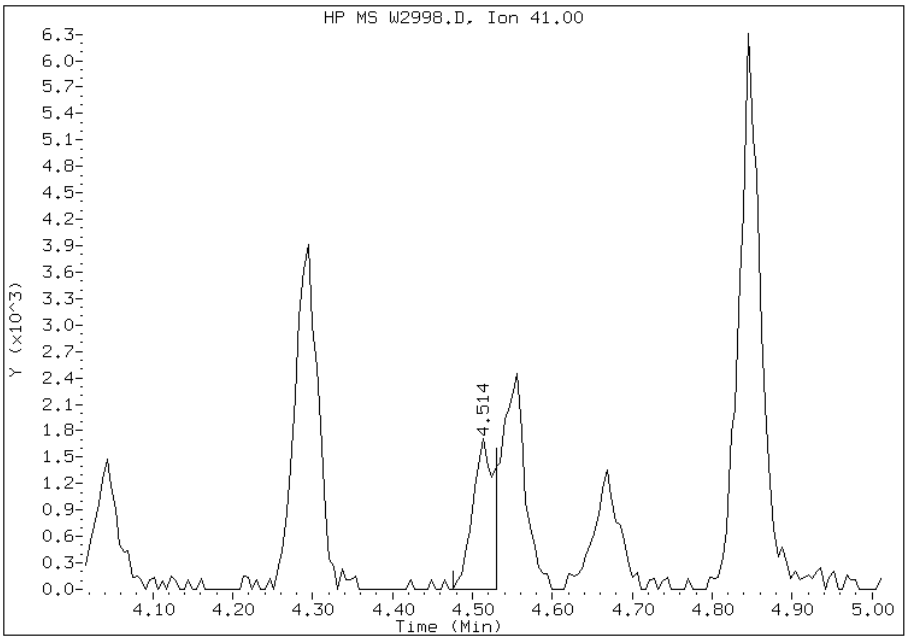
Processing Integration Results

RT: 4.51

Response: 3129

Amount: 2

Conc: 2



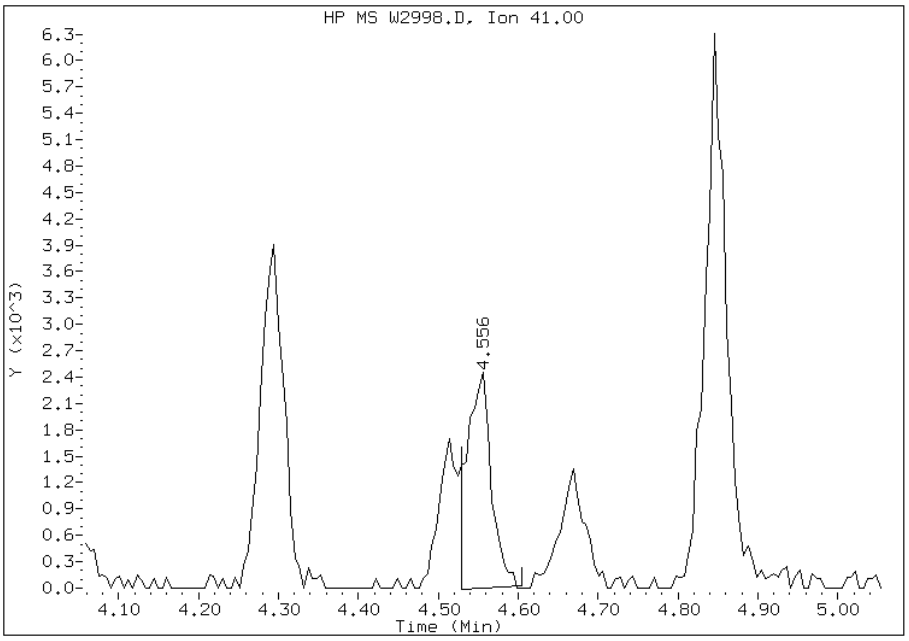
Manual Integration Results

RT: 4.56

Response: 5151

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

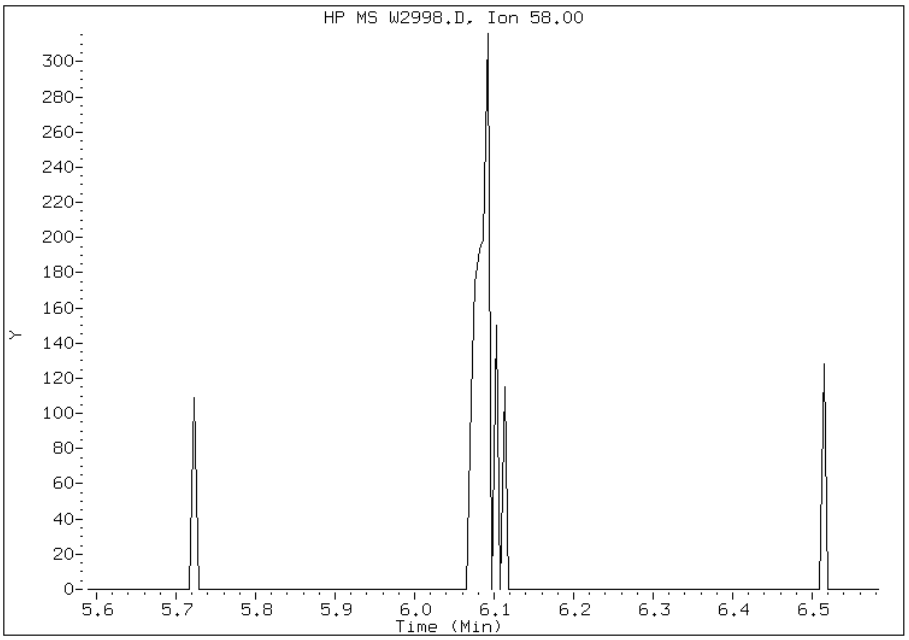
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.09



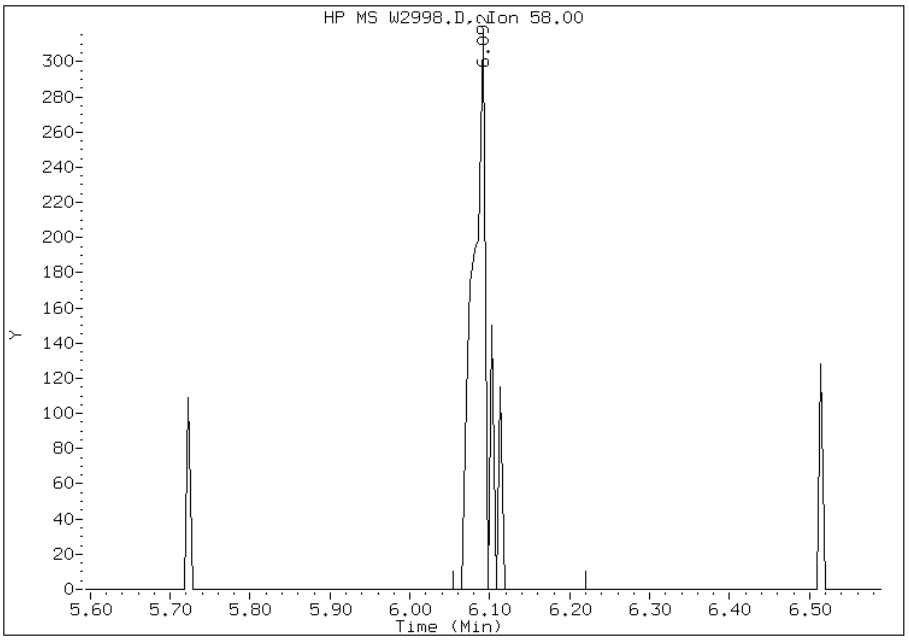
Manual Integration Results

RT: 6.09

Response: 402

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 02/17/2009

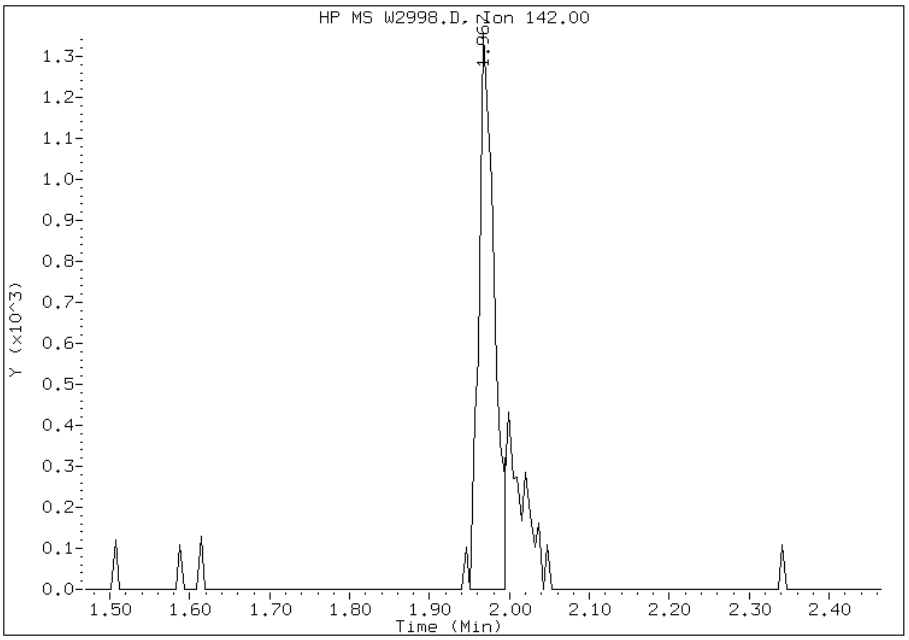
Processing Integration Results

RT: 1.97

Response: 1813

Amount: 4

Conc: 4



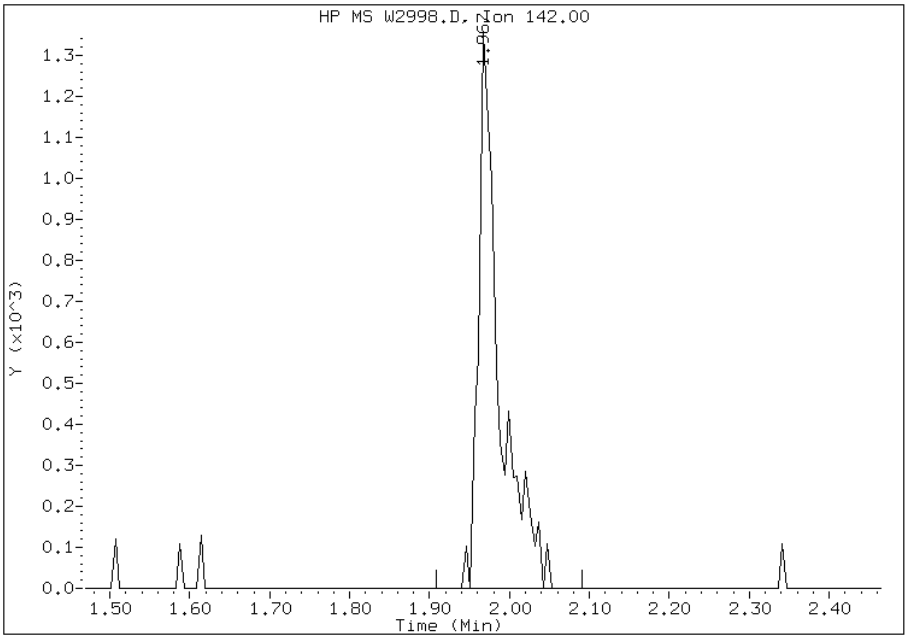
Manual Integration Results

RT: 1.97

Response: 2483

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/17/2009

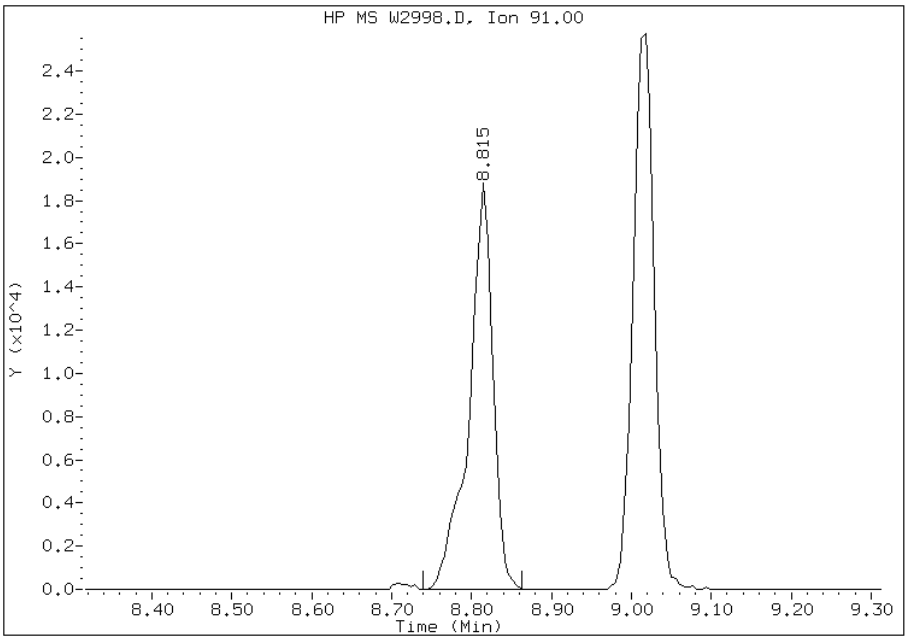
Processing Integration Results

RT: 8.81

Response: 38919

Amount: 3

Conc: 3



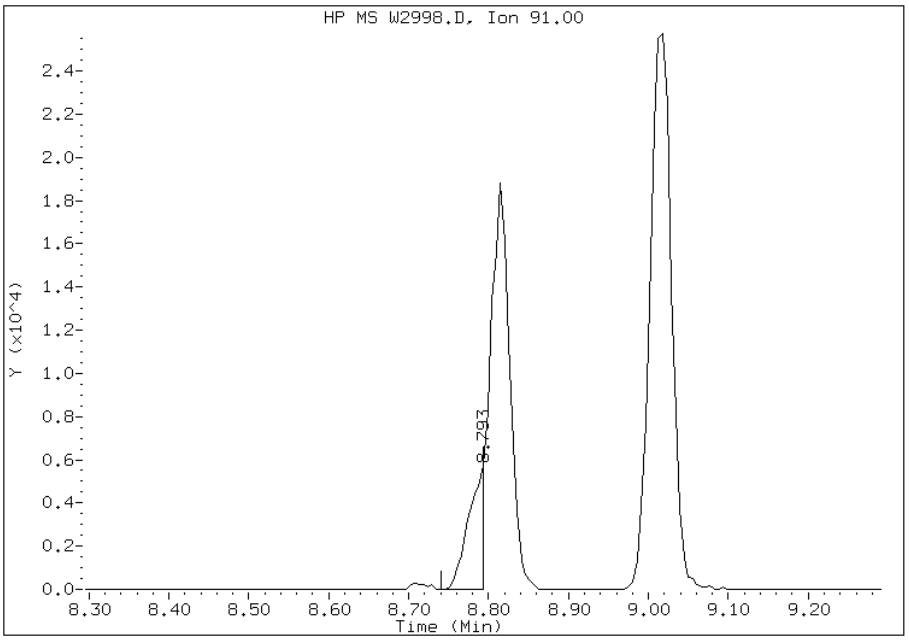
Manual Integration Results

RT: 8.79

Response: 7935

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/17/2009

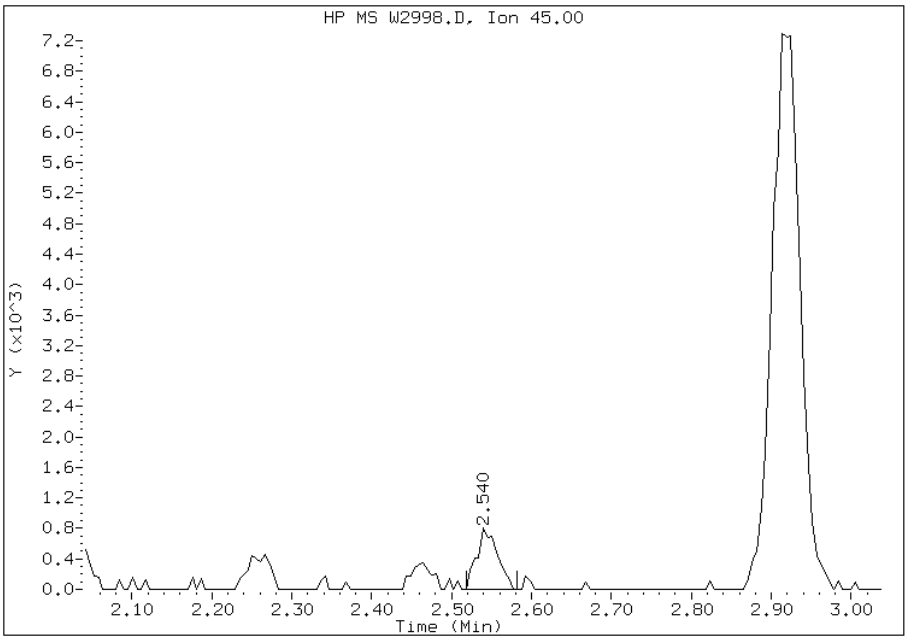
Processing Integration Results

RT: 2.54

Response: 1438

Amount: 3

Conc: 3



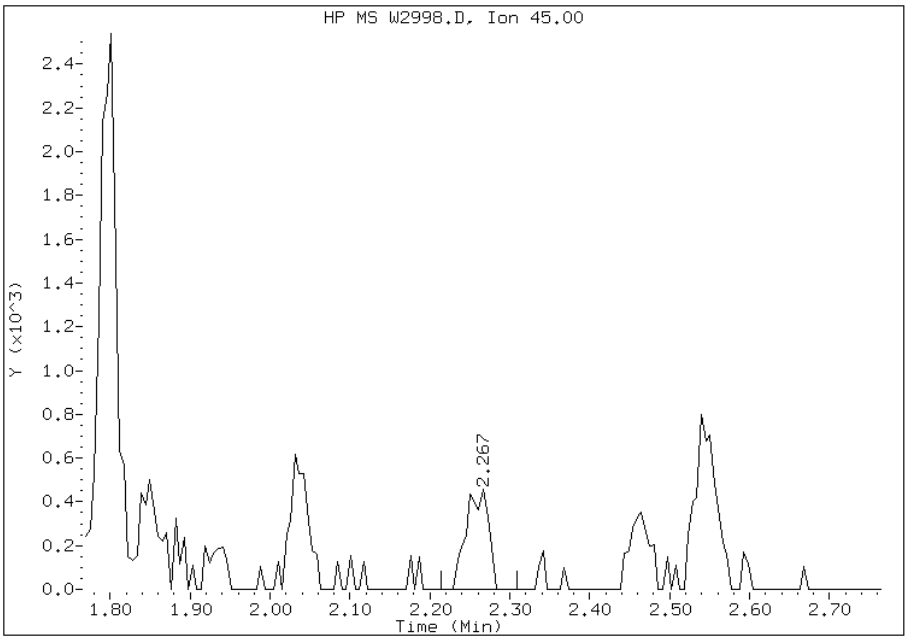
Manual Integration Results

RT: 2.27

Response: 885

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 02/17/2009

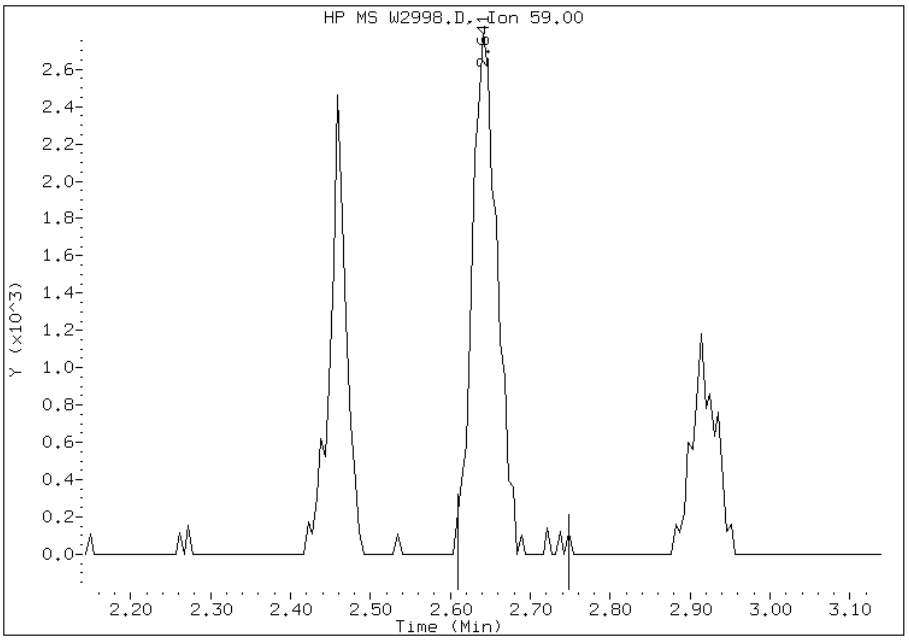
Processing Integration Results

RT: 2.64

Response: 7881

Amount: 16

Conc: 16



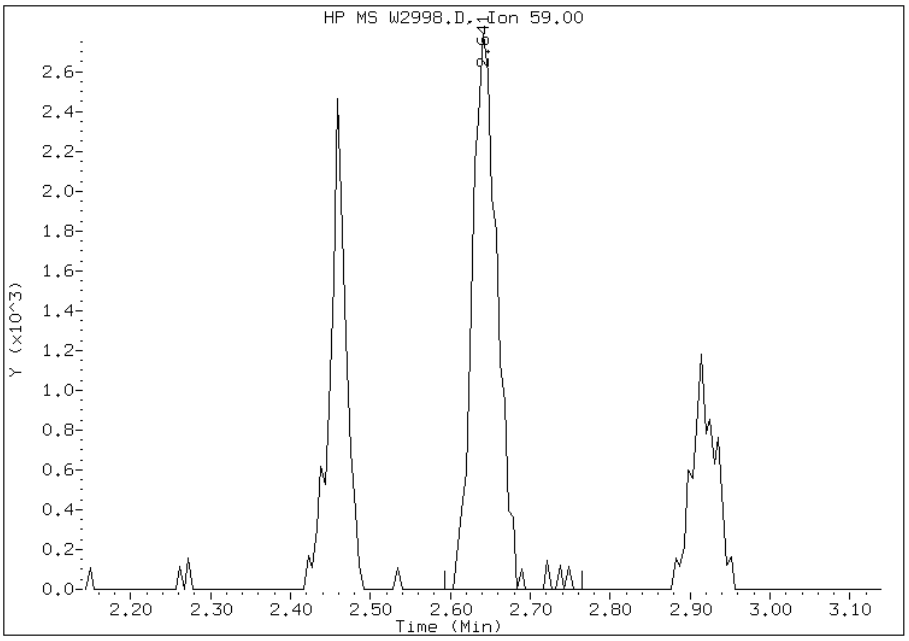
Manual Integration Results

RT: 2.64

Response: 6217

Amount: 12

Conc: 12



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

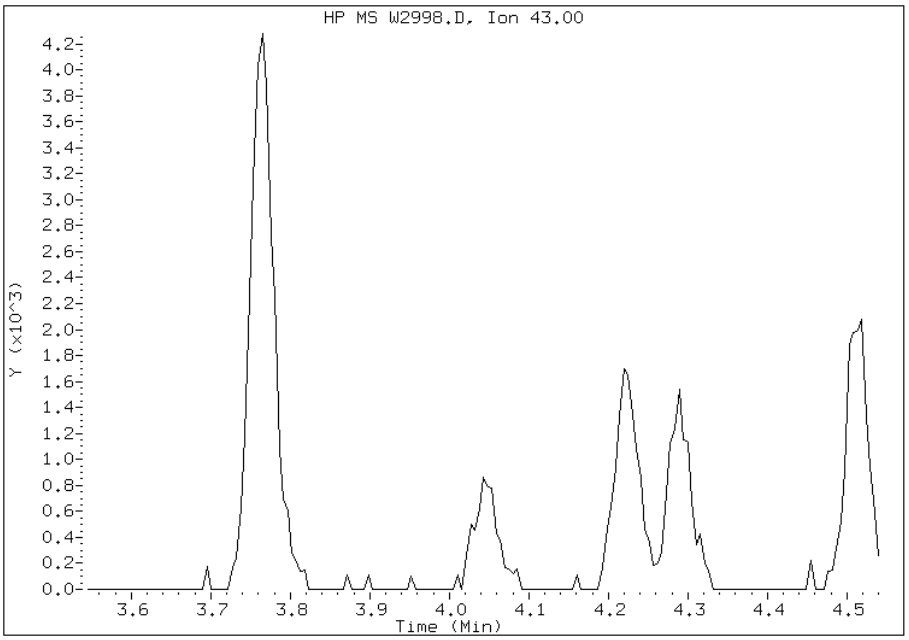
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.04



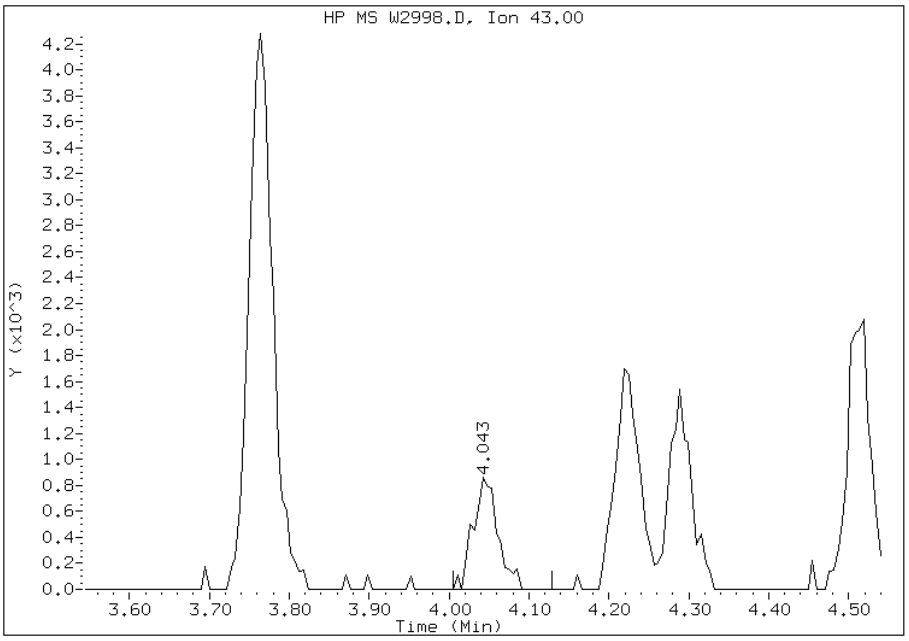
Manual Integration Results

RT: 4.04

Response: 1857

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/17/2009

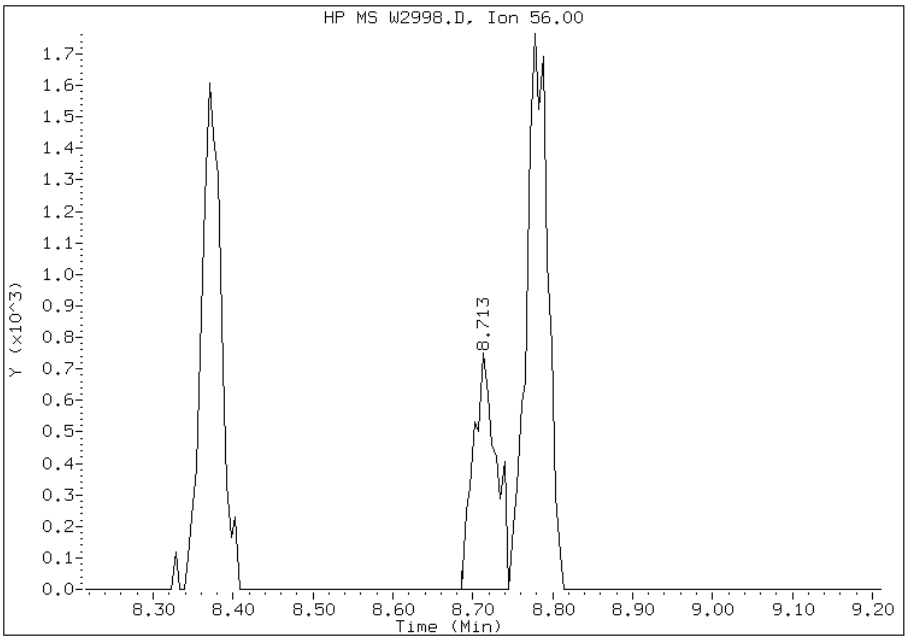
Processing Integration Results

RT: 8.71

Response: 1460

Amount: 1

Conc: 1



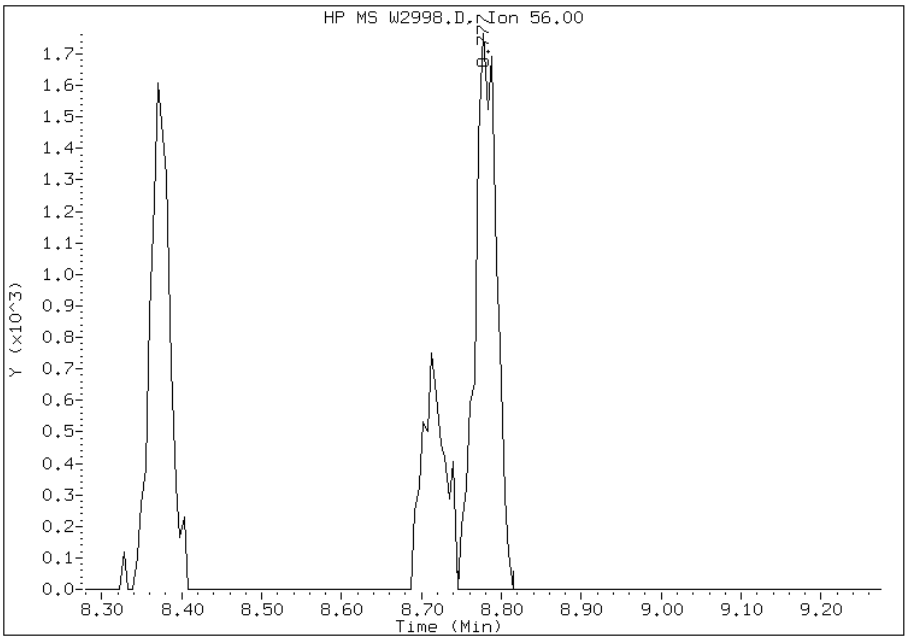
Manual Integration Results

RT: 8.78

Response: 3341

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason:

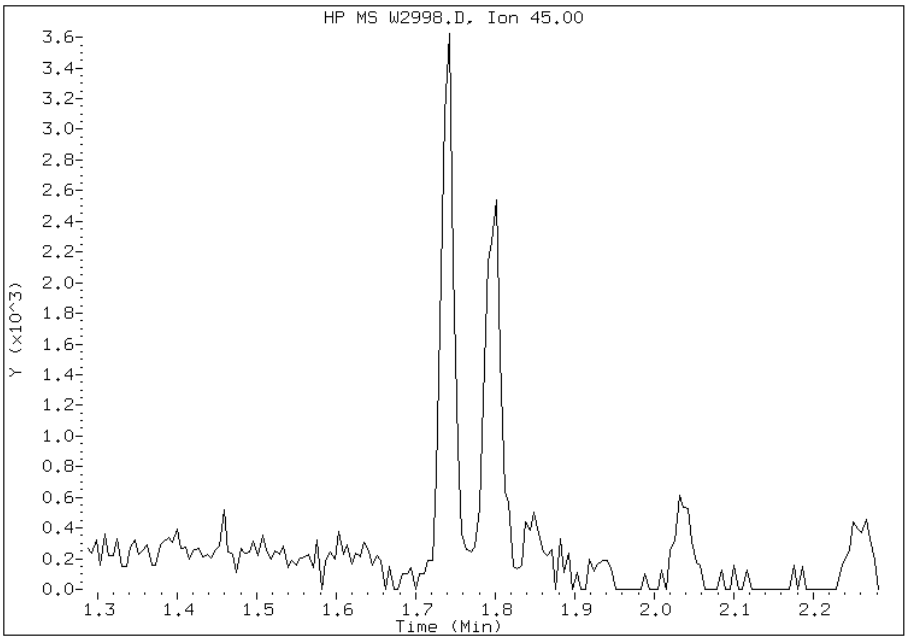
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 1.79



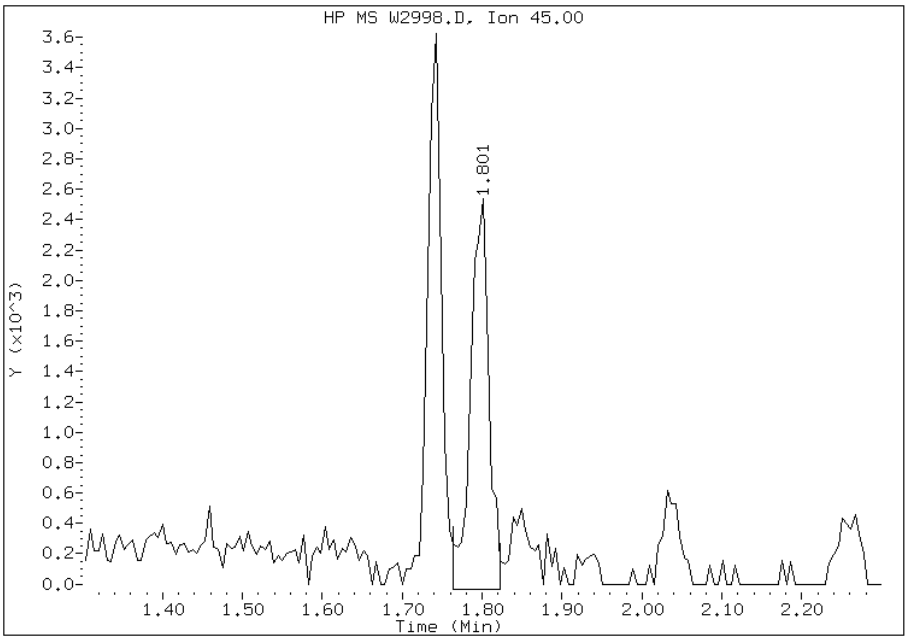
Manual Integration Results

RT: 1.80

Response: 4099

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

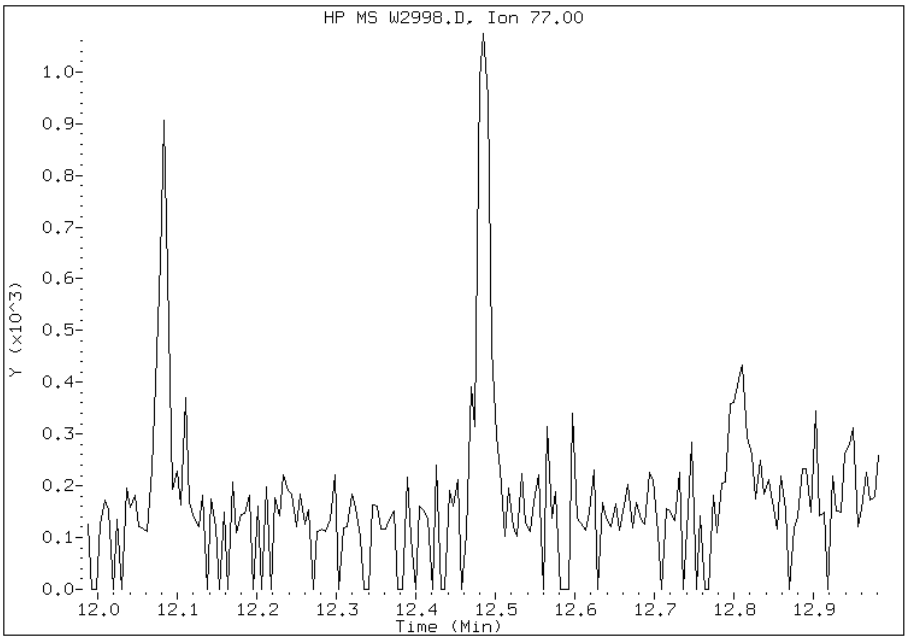
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 120 Nitrobenzene
CAS #: 98-95-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.48



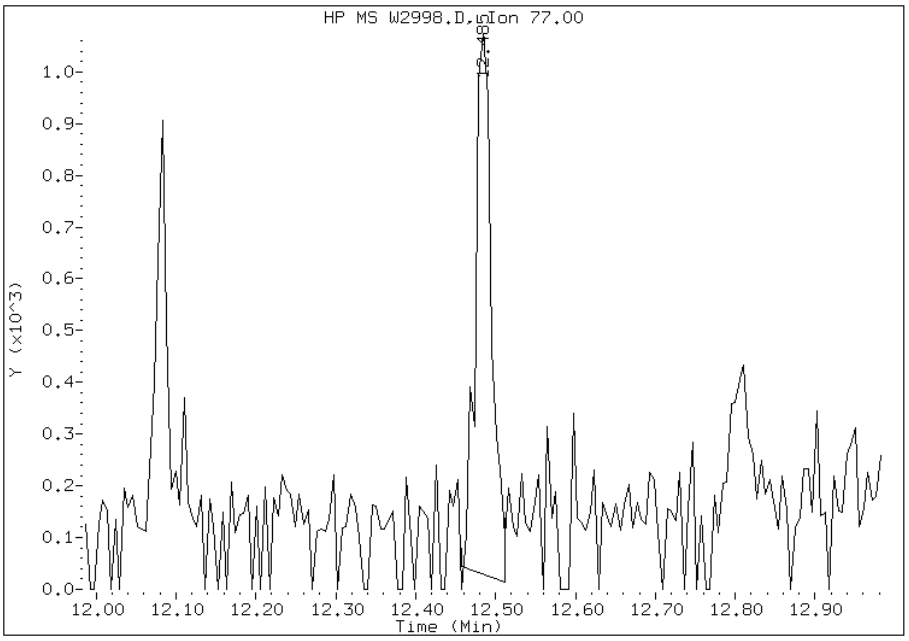
Manual Integration Results

RT: 12.48

Response: 1477

Amount: 29

Conc: 29



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

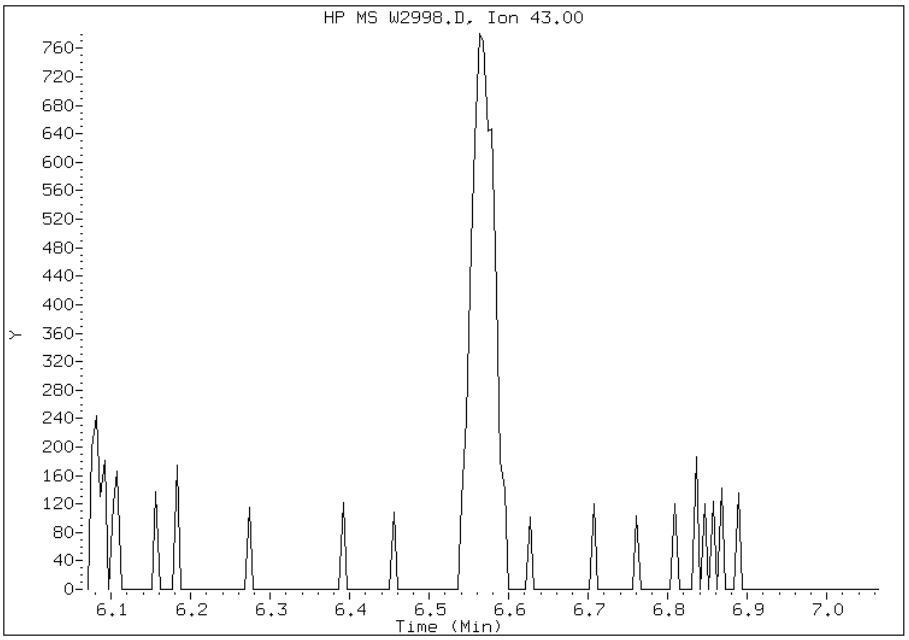
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.57



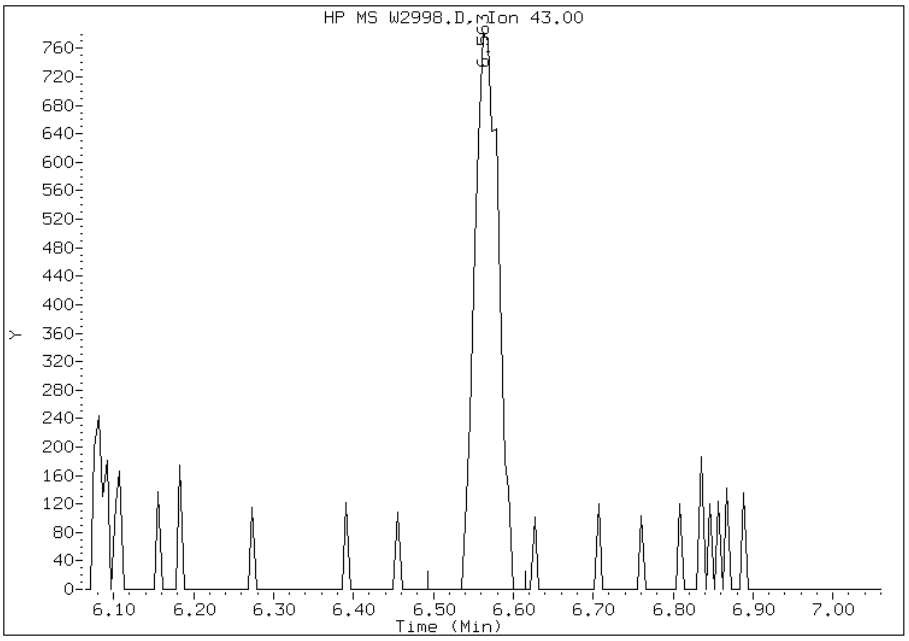
Manual Integration Results

RT: 6.56

Response: 1623

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

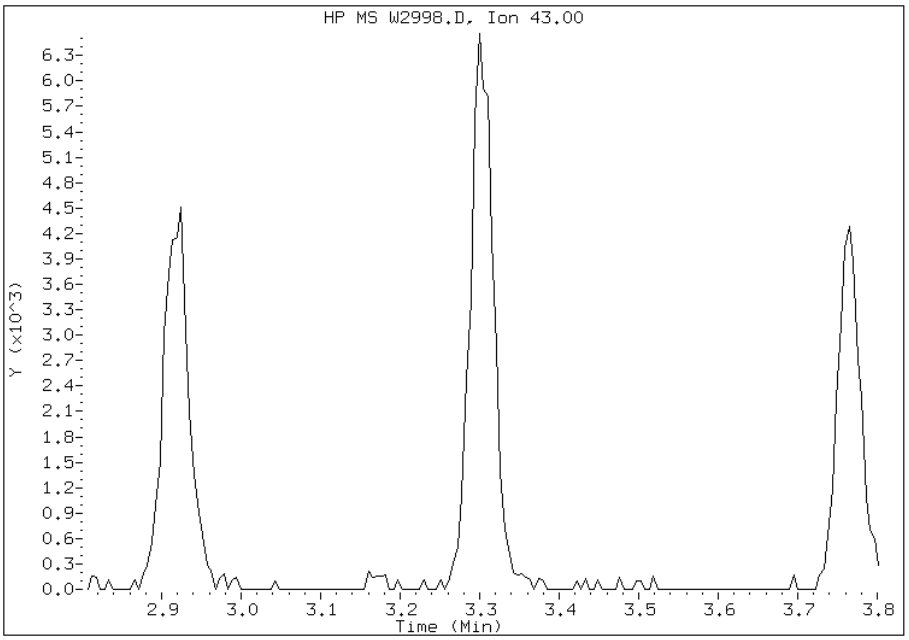
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 3.30



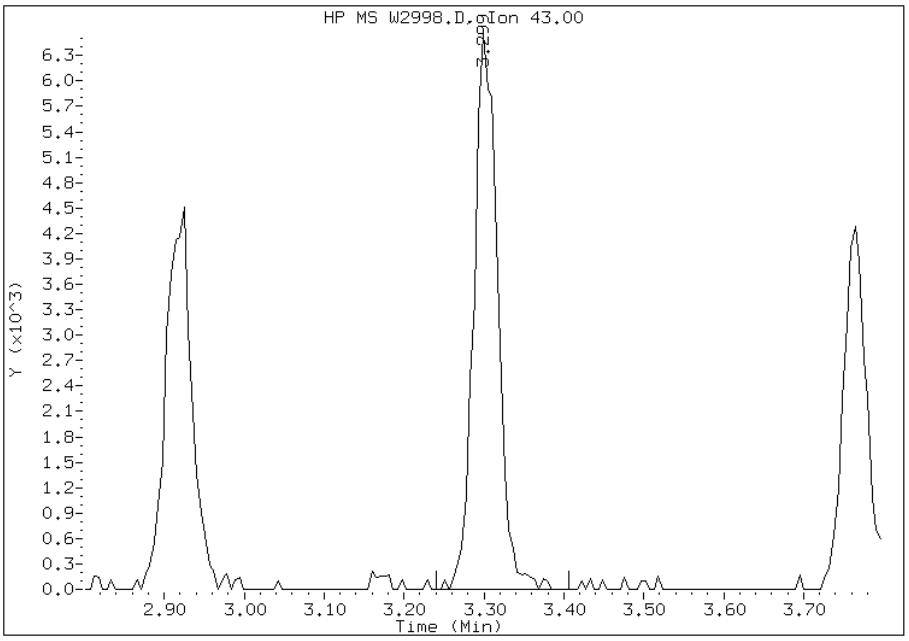
Manual Integration Results

RT: 3.30

Response: 13652

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

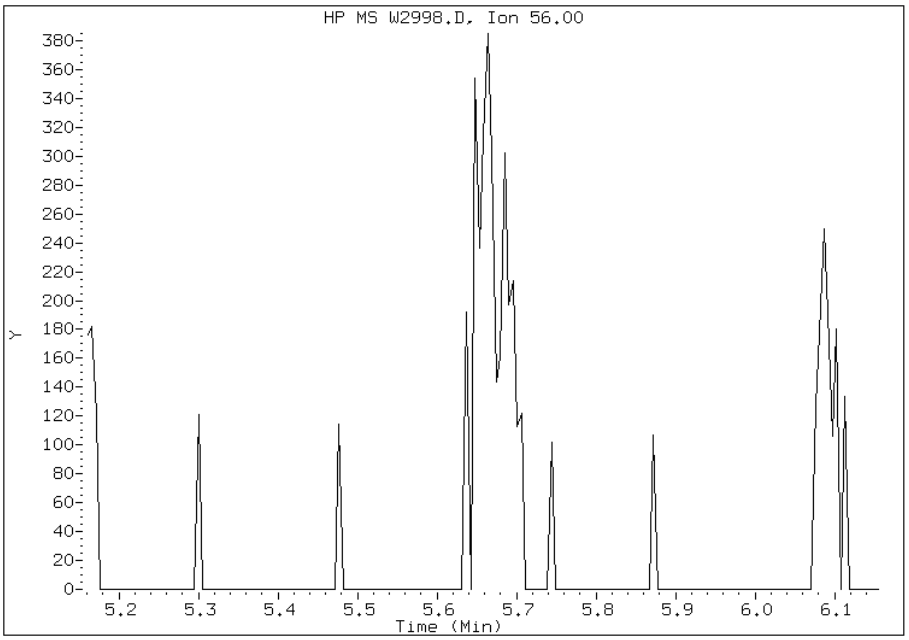
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 5.66



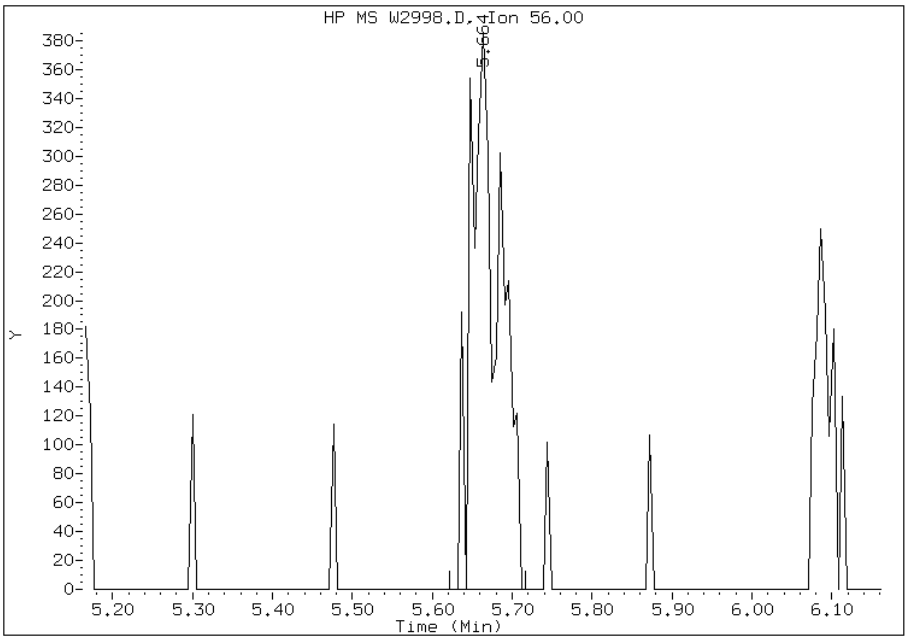
Manual Integration Results

RT: 5.66

Response: 974

Amount: 41

Conc: 41



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

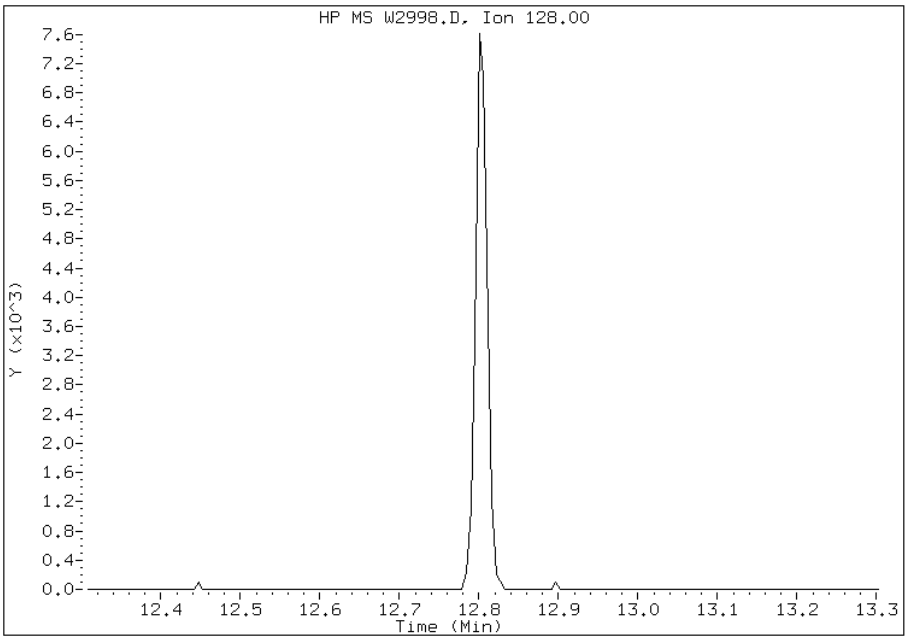
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 123 Naphthalene
CAS #: 91-20-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 12.81



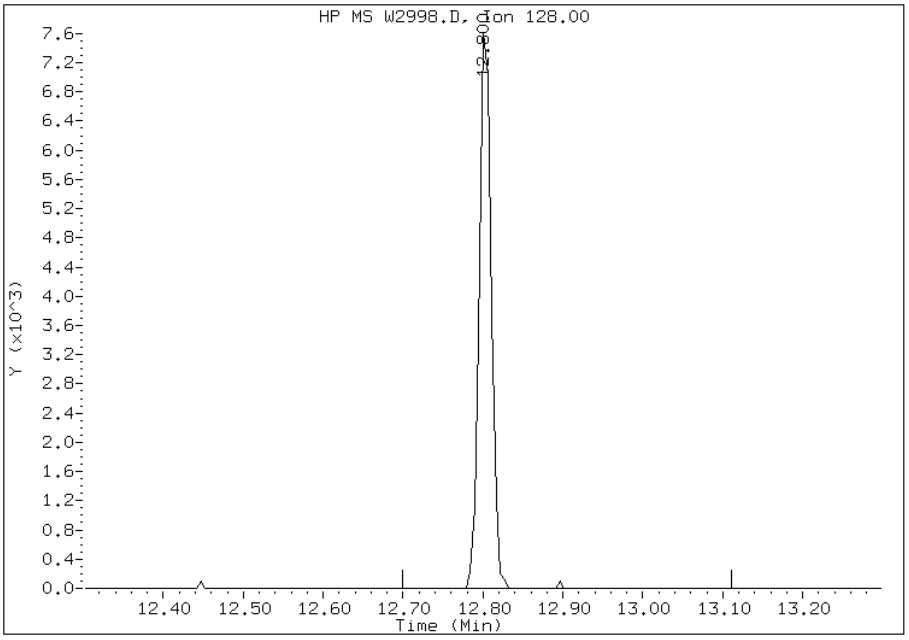
Manual Integration Results

RT: 12.80

Response: 7944

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

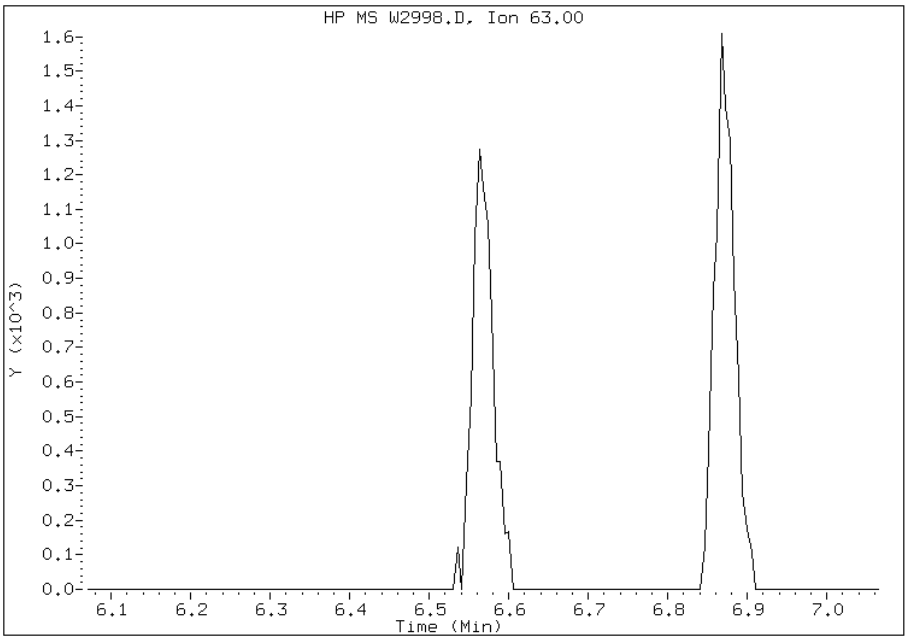
Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 69 2-Chloroethylvinylether
CAS #: 110-75-8
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.57



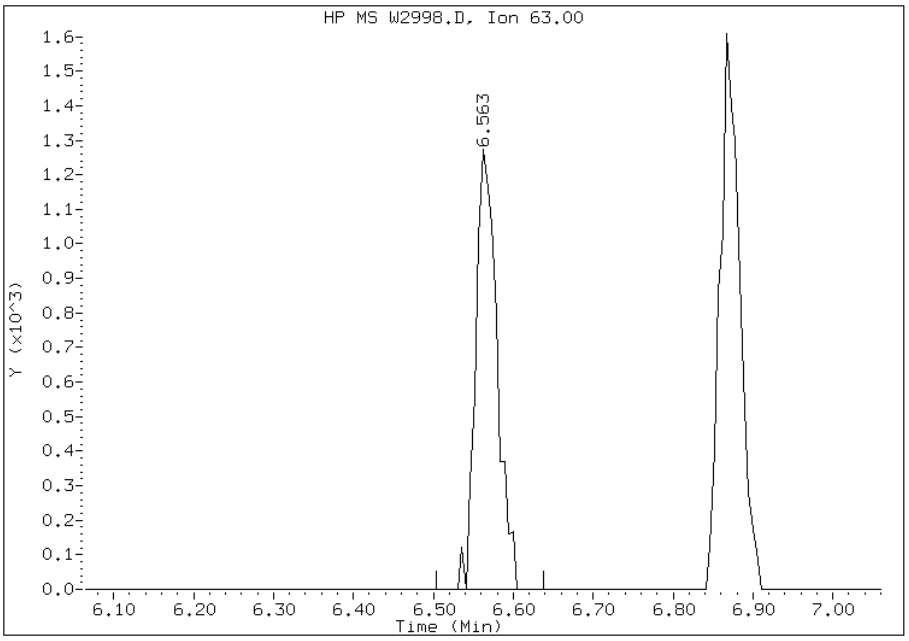
Manual Integration Results

RT: 6.56

Response: 2362

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2998.D
Inj. Date and Time: 16-FEB-2009 18:31
Instrument ID: msw.i
Client ID: IC;2
Compound: 56 1,2-Dichloroethane
CAS #: 107-06-2
Report Date: 02/17/2009

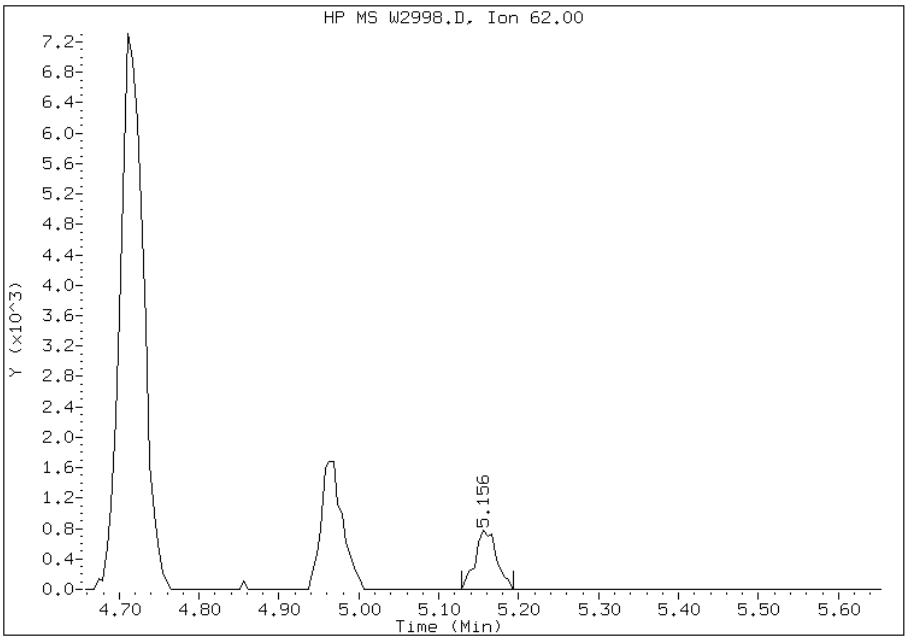
Processing Integration Results

RT: 5.16

Response: 1445

Amount: 1

Conc: 1



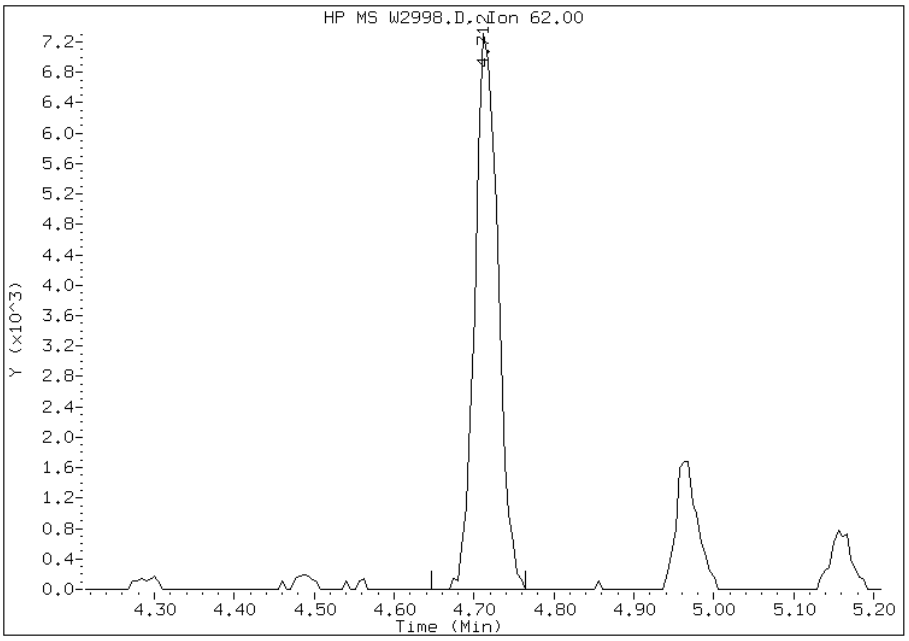
Manual Integration Results

RT: 4.71

Response: 14782

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason:

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W2999.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 16-FEB-2009 19:00 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W8260LOW.M
Meth Date : 17-Feb-2009 09:45 msw.i Quant Type: ISTD
Cal Date : 16-FEB-2009 19:00 Cal File: W2999.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.968	4.968	(1.000)	243925	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	15953	5.00000	5
3	Chloromethane	50	1.164	1.164	(0.234)	15410	5.00000	5
4	Vinyl Chloride	62	1.175	1.175	(0.237)	19493	5.00000	5
5	Bromomethane	94	1.367	1.367	(0.275)	11864	5.00000	5
6	Chloroethane	64	1.448	1.448	(0.291)	11859	5.00000	5
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	42486	5.00000	5
8	Dichlorofluoromethane	67	1.571	1.571	(0.316)	37588	5.00000	4
9	Ethyl Ether	45	1.737	1.737	(0.350)	9700	5.00000	4
10	Ethanol	45	1.795	1.795	(0.361)	8061	50.0000	46
11	Freon 141	81	1.795	1.795	(0.361)	39479	5.00000	5
12	Freon 123	67	1.913	1.913	(0.385)	4919	5.00000	5
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	17541	5.00000	5
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	14333	5.00000	5
15	Carbon Disulfide	76	1.886	1.886	(0.380)	41476	5.00000	5
16	Iodomethane	142	1.972	1.972	(0.397)	5446	5.00000	5
17	Acrolein	56	2.116	2.116	(0.426)	5334	25.0000	22
18	2-Propanol	45	2.256	2.256	(0.454)	2102	5.00000	5(M)
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	20362	5.00000	4
20	Methylene Chloride	84	2.309	2.309	(0.465)	18491	5.00000	4
21	Acetone	43	2.352	2.352	(0.473)	9386	5.00000	4
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	17997	5.00000	5
23	Methyl Acetate	43	2.459	2.459	(0.495)	69594	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.512)	62465	5.00000	5
	25 tert-Butyl alcohol	59	2.641	2.641	(0.532)	12461	25.0000	23
	26 Acetonitrile	41	2.742	2.742	(0.552)	19507	50.0000	42
	27 Isopropyl ether	45	2.914	2.914	(0.587)	43944	5.00000	5
	28 tert-Butyl ethyl ether	59	3.304	3.304	(0.665)	54963	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	12367	5.00000	5
	30 Acrylonitrile	53	3.058	3.058	(0.616)	13483	10.0000	9
	31 1,1-Dichloroethane	63	3.010	3.010	(0.606)	32401	5.00000	5
	32 Vinyl Acetate	43	3.304	3.304	(0.665)	34516	5.00000	4
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.720)	19938	5.00000	5
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	32395	5.00000	5
	35 Bromochloromethane	128	3.780	3.780	(0.761)	11421	5.00000	5
	36 1-Bromopropane	43	3.770	3.770	(0.759)	21677	5.00000	5
	37 Cyclohexane	84	3.786	3.786	(0.762)	20591	5.00000	4
	38 Chloroform	83	3.887	3.887	(0.782)	37484	5.00000	5
	39 Ethyl Acetate	43	4.042	4.042	(0.814)	3990	10.0000	8(M)
	40 Methyl Acrylate	55	4.042	4.042	(0.814)	15248	5.00000	4
$	41 Dibromofluoromethane	111	4.080	4.080	(0.821)	20503	5.00000	5
	42 Tetrahydrofuran	42	4.042	4.042	(0.814)	11057	10.0000	9
	43 Carbon Tetrachloride	117	4.010	4.010	(0.807)	32662	5.00000	5
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.822)	37102	5.00000	5
	45 2-Butanone	43	4.224	4.224	(0.850)	8081	5.00000	6(H)
	46 1,1-Dichloropropene	75	4.230	4.230	(0.851)	25078	5.00000	5
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.940)	50495	5.00000	4
	48 tert-Butyl formate	57	4.839	4.839	(0.974)	5652	5.00000	4
	49 1-Chlorobutane	56	4.288	4.288	(0.863)	33604	5.00000	5
	50 Heptane	43	4.513	4.513	(0.908)	9513	5.00000	4
	51 Propionitrile	54	4.518	4.518	(0.910)	27320	50.0000	48
	52 Benzene	78	4.492	4.492	(0.904)	68160	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	4.551	4.551	(0.916)	10672	5.00000	4(M)
	54 Isobutyl alcohol	42	4.674	4.674	(0.941)	3001	50.0000	36
$	55 1,2-Dichloroethane-d4	65	4.642	4.642	(0.934)	27380	5.00000	5
	56 1,2-Dichloroethane	62	4.716	4.716	(0.949)	34294	5.00000	5(H)
	59 Methyl Cyclohexane	83	5.134	5.134	(1.033)	20719	5.00000	4
	60 Trichloroethene	130	5.155	5.155	(1.038)	22558	5.00000	5
	61 Isopropyl Acetate	43	5.134	5.134	(1.033)	996	10.0000	10(M)
	62 n-Butanol	56	5.653	5.653	(1.138)	2801	50.0000	60(M)
	63 Dibromomethane	93	5.615	5.615	(1.130)	13529	5.00000	5
	64 1,2-Dichloropropane	63	5.738	5.738	(1.155)	16875	5.00000	5(T)
	65 Bromodichloromethane	83	5.840	5.840	(1.176)	28389	5.00000	5
	66 Methyl Methacrylate	69	6.086	6.086	(1.225)	12155	5.00000	4
	67 1,4-Dioxane	58	6.086	6.086	(1.225)	1095	50.0000	41(M)
	68 n-Propyl Acetate	43	6.567	6.567	(1.322)	4348	10.0000	9(M)
	69 2-Chloroethylvinylether	63	6.562	6.562	(1.321)	5911	5.00000	4
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.327)	28490	5.00000	5
	71 Chloroacetonitrile	48	7.076	7.076	(1.424)	5323	50.0000	44
	72 2-Nitropropane	41	7.151	7.151	(1.439)	13355	10.0000	9(T)
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.490)	28826	5.00000	5
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.527)	17414	5.00000	5
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	249887	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	74064	5.00000	5
$	77 Toluene-d8	98	6.813	6.813	(0.782)	65121	5.00000	5
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	43667	25.0000	22
	79 4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	12710	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	80 Tetrachloroethene	164	7.327	7.327	(0.841)	17184	5.00000	5
	81 Ethyl Methacrylate	69	7.669	7.669	(0.880)	15470	5.00000	4
	82 Dibromochloromethane	129	7.782	7.782	(0.893)	22217	5.00000	4
	83 1,3-Dichloropropane	76	7.905	7.905	(0.907)	30549	5.00000	5
	84 1,2-Dibromoethane	107	8.028	8.028	(0.921)	18377	5.00000	5
	85 n-Butyl Acetate	56	8.777	8.777	(1.007)	6755	5.00000	4(M)
	86 2-Hexanone	43	8.440	8.440	(0.969)	8578	5.00000	4
	87 1-Chlorohexane	91	8.788	8.788	(1.009)	15654	5.00000	4(M)
	88 Chlorobenzene	112	8.734	8.734	(1.002)	54714	5.00000	5
	89 1,1,1,2-Tetrachloroethane	131	8.836	8.836	(1.014)	20900	5.00000	5(T)
	90 Ethylbenzene	106	8.814	8.814	(1.012)	26422	5.00000	5
	91 Xylene (total)mp	106	9.018	9.018	(1.035)	62581	10.0000	9
	92 Xylene (total)o	106	9.515	9.515	(1.092)	28117	5.00000	4
	93 Styrene	104	9.579	9.579	(1.099)	43060	5.00000	4
	94 Bromoform	173	9.569	9.569	(1.098)	15538	5.00000	4
*	95 1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	146301	25.0000	
	96 Isopropylbenzene	105	9.874	9.874	(0.887)	66889	5.00000	5
	97 Bromobenzene	156	10.205	10.205	(0.917)	23729	5.00000	5
	98 1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	19983	5.00000	5
	99 4-Ethyltoluene	105	10.398	10.398	(0.935)	70597	5.00000	4
	100 1,2,3-Trichloropropane	110	10.457	10.457	(0.940)	8711	5.00000	5
	101 trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	12525	10.0000	8
	102 n-Propylbenzene	91	10.285	10.285	(0.925)	73261	5.00000	5
	103 2-Chlorotoluene	91	10.398	10.398	(0.935)	65224	5.00000	5
	104 4-Chlorotoluene	91	10.553	10.553	(0.949)	60972	5.00000	5
	105 1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	63878	5.00000	5
	106 tert-Butylbenzene	119	10.756	10.756	(0.967)	47991	5.00000	5
	107 1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	61538	5.00000	5
	108 sec-Butylbenzene	105	10.906	10.906	(0.980)	61898	5.00000	5
	109 4-Isopropyltoluene	119	11.040	11.040	(0.992)	53892	5.00000	5
	110 1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	40297	5.00000	5
	111 1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	42032	5.00000	5
	112 1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	40626	5.00000	5
	113 Benzyl Chloride	126	11.350	11.350	(1.020)	8838	5.00000	4
	114 1,4-Diethylbenzene	119	11.339	11.339	(1.019)	25958	5.00000	4
	115 n-Butylbenzene	91	11.382	11.382	(1.023)	43591	5.00000	5
	118 1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	42317	5.00000	4
	119 1,2-Dibromo-3-chloropropane	75	12.078	12.078	(1.086)	4606	5.00000	4
	120 Nitrobenzene	77	12.484	12.484	(1.122)	5334	50.0000	40
	121 1,2,4-Trichlorobenzene	180	12.575	12.575	(1.130)	20149	5.00000	5
	122 Hexachlorobutadiene	225	12.570	12.570	(1.130)	13928	5.00000	5
	123 Naphthalene	128	12.805	12.805	(1.151)	33187	5.00000	4
	124 1,2,3-Trichlorobenzene	180	12.934	12.934	(1.163)	18918	5.00000	4
$	125 Bromofluorobenzene	95	10.125	10.125	(0.910)	26130	5.00000	5
M	126 1,2-Dichloroethene (total)	100				37935	10.0000	10
M	127 Xylene (total)	100				90698	15.0000	14

QC Flag Legend

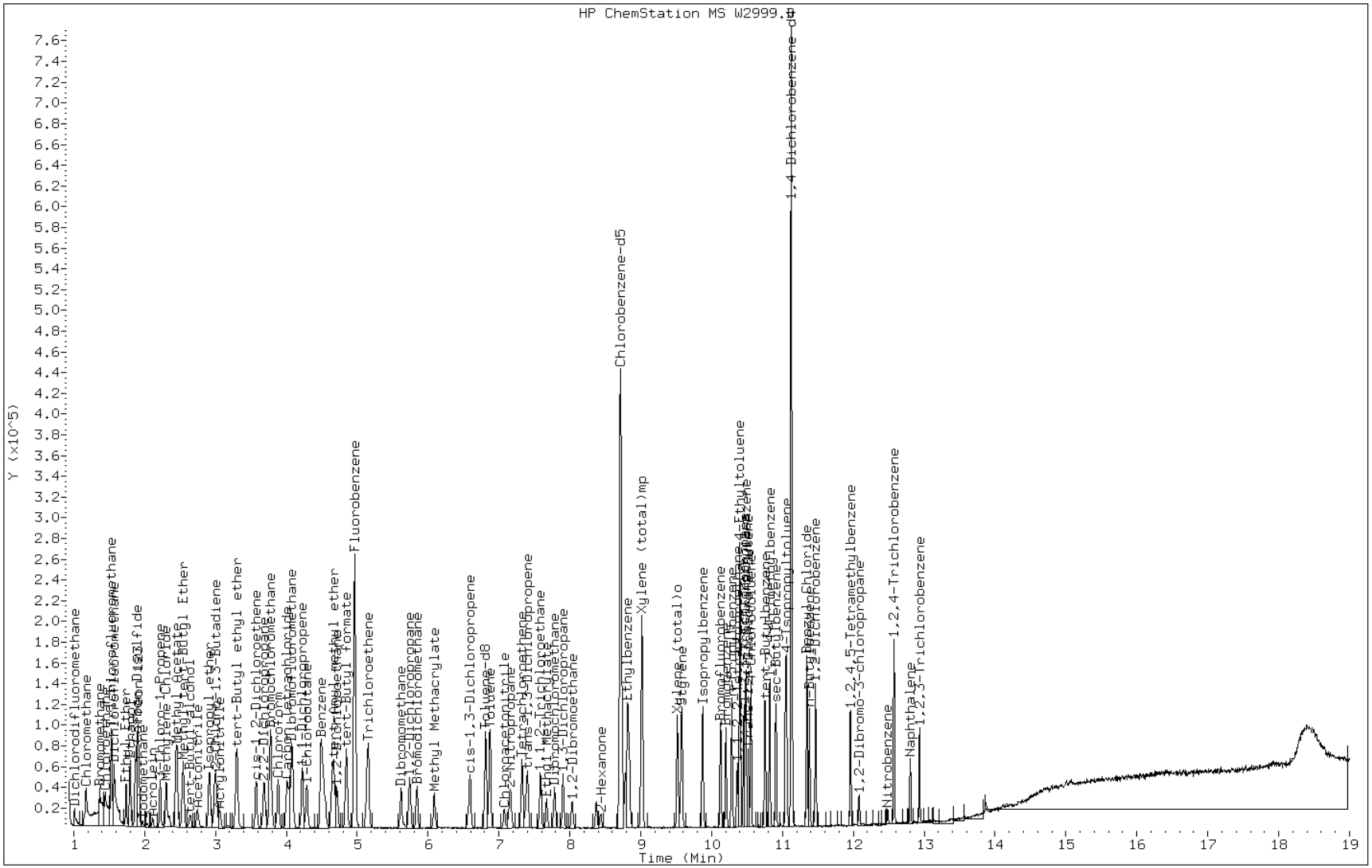
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W2999.D

Date: 16-FEB-2009 19:00

Client ID: IC;5 Instrument: msw.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



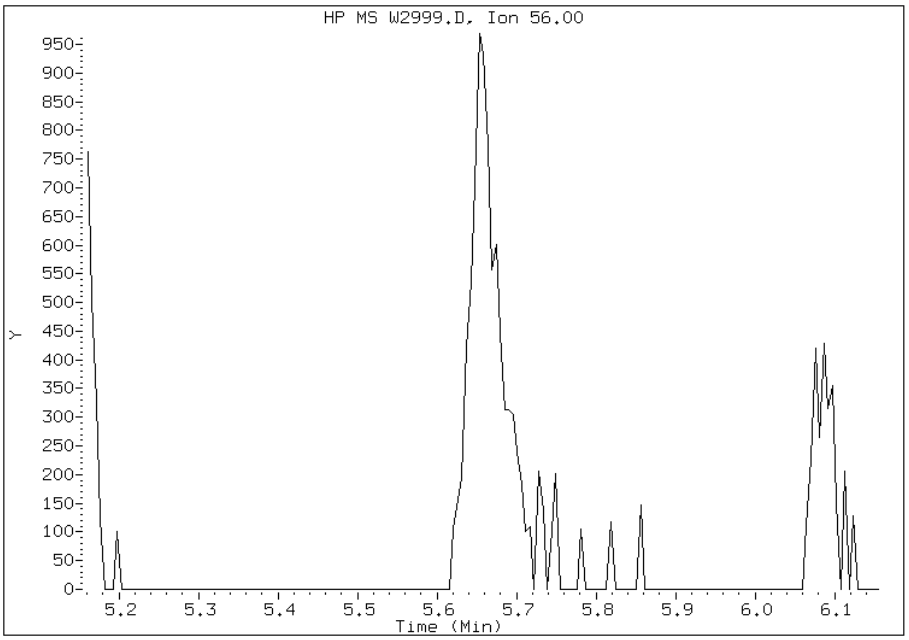
Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 5.66



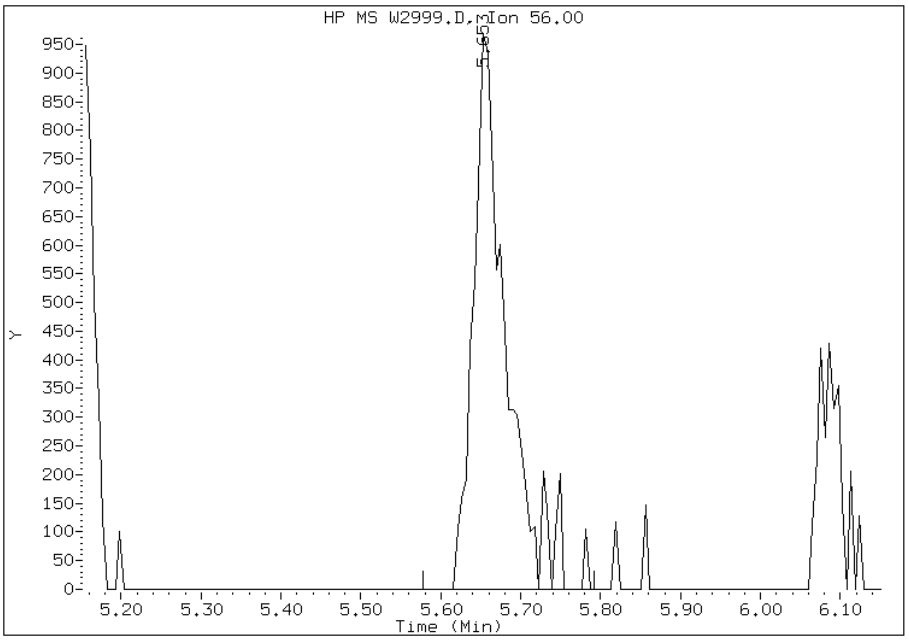
Manual Integration Results

RT: 5.65

Response: 2801

Amount: 60

Conc: 60



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 02/17/2009

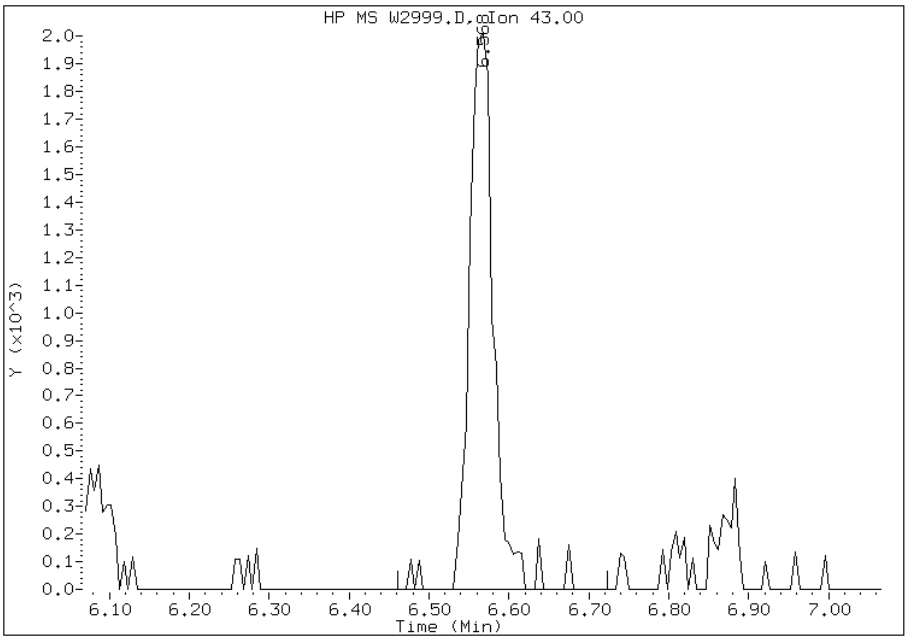
Processing Integration Results

RT: 6.57

Response: 4348

Amount: 9

Conc: 9



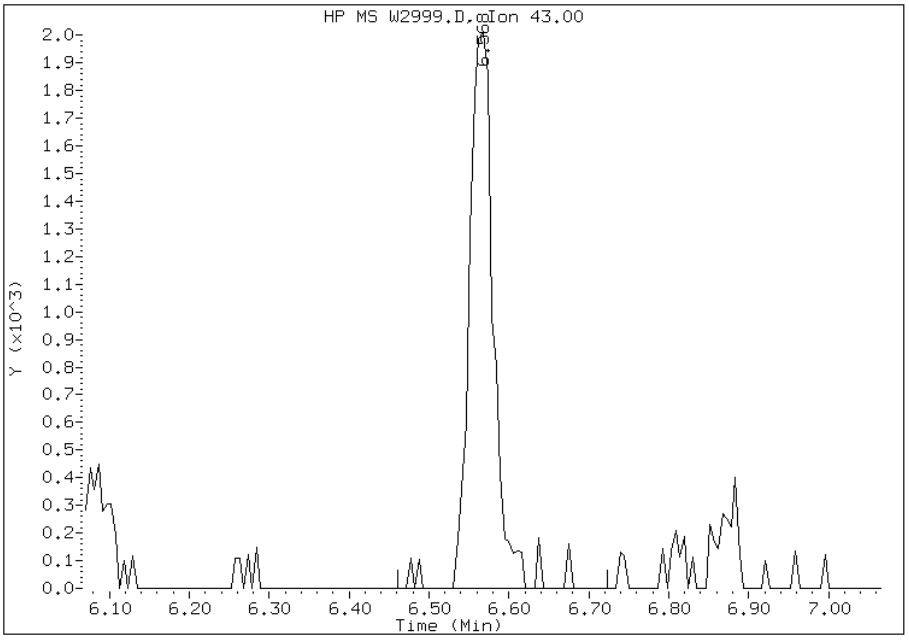
Manual Integration Results

RT: 6.57

Response: 4348

Amount: 9

Conc: 9



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/17/2009

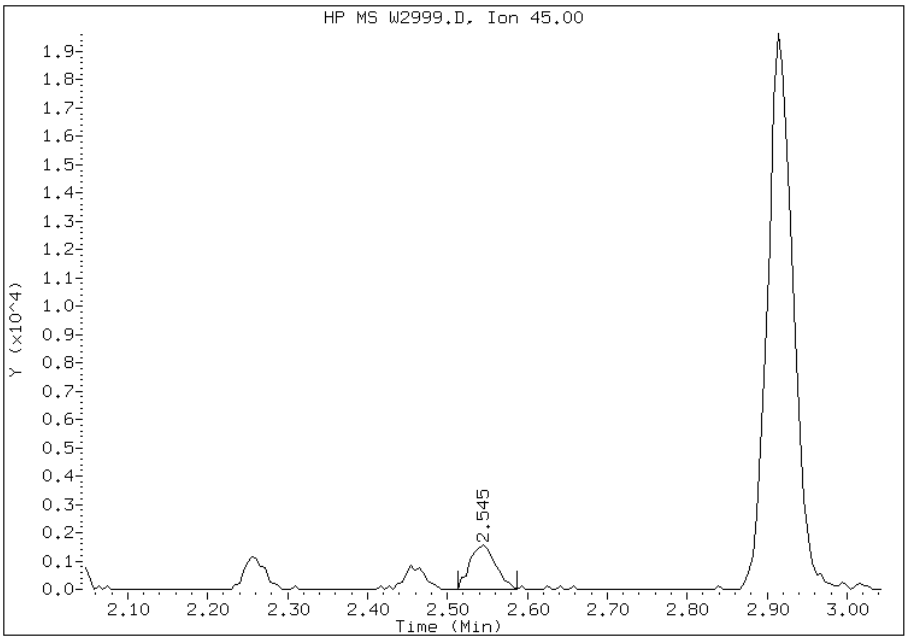
Processing Integration Results

RT: 2.54

Response: 3482

Amount: 6

Conc: 6



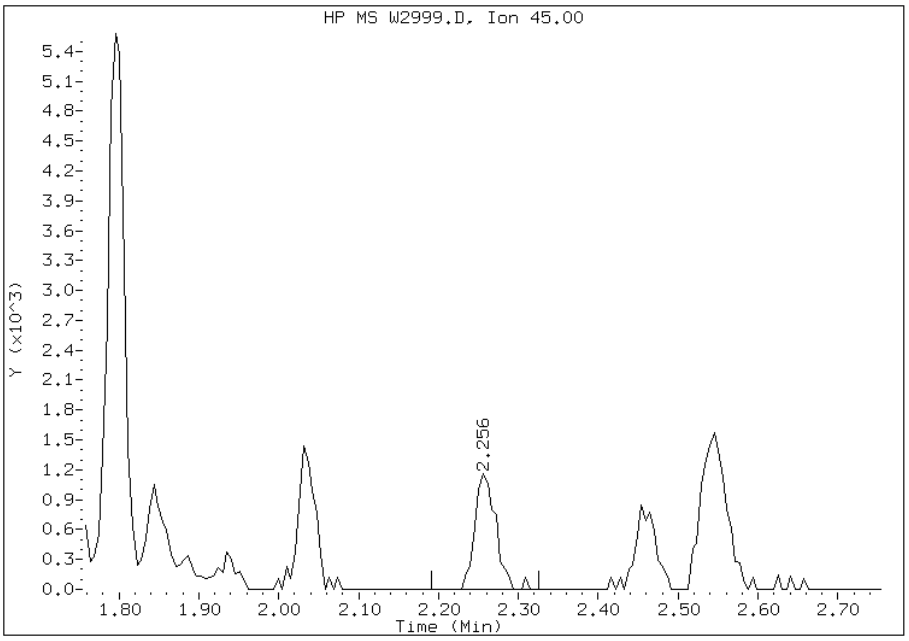
Manual Integration Results

RT: 2.26

Response: 2102

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/17/2009

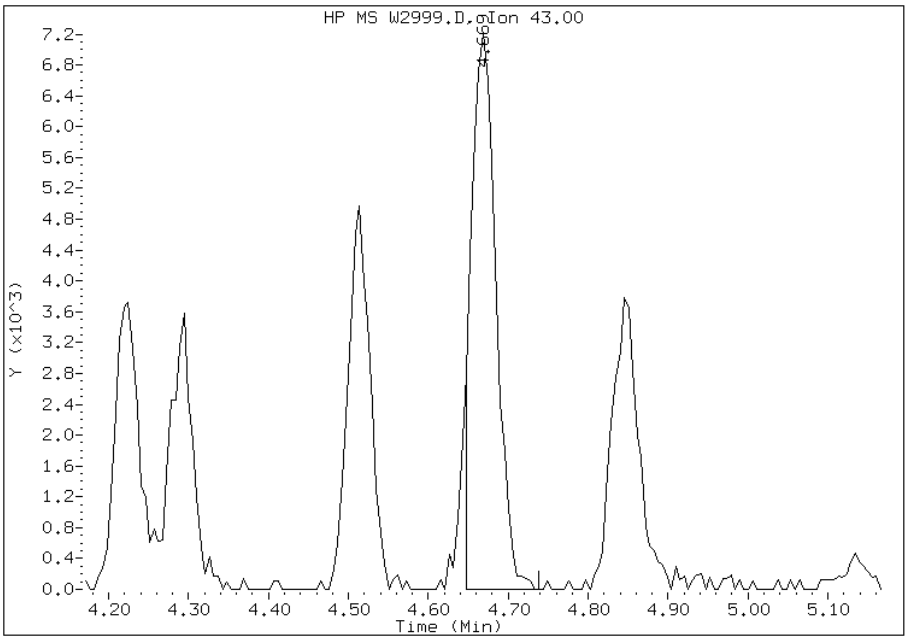
Processing Integration Results

RT: 4.67

Response: 15764

Amount: 10

Conc: 10



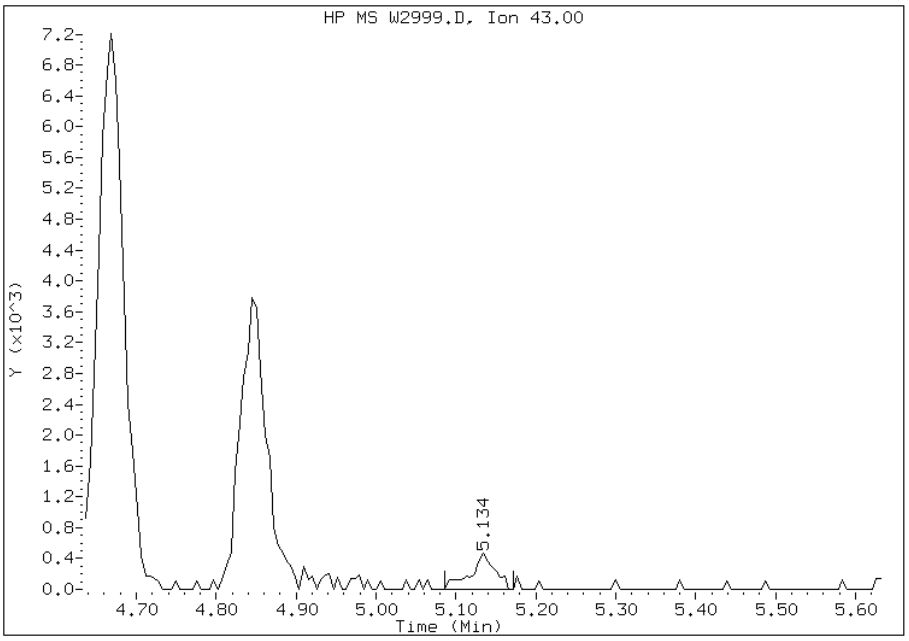
Manual Integration Results

RT: 5.13

Response: 996

Amount: 11

Conc: 11



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

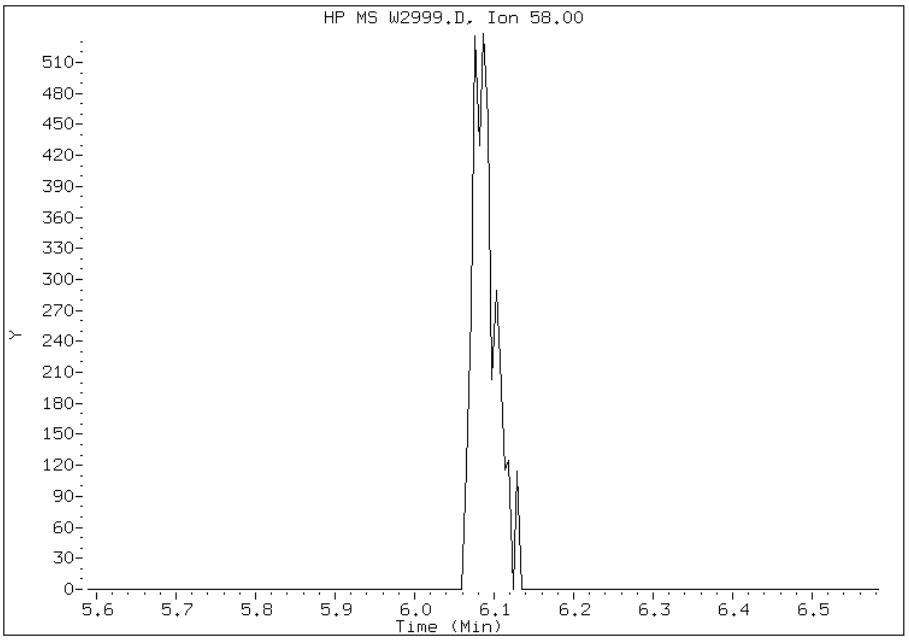
Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 6.09



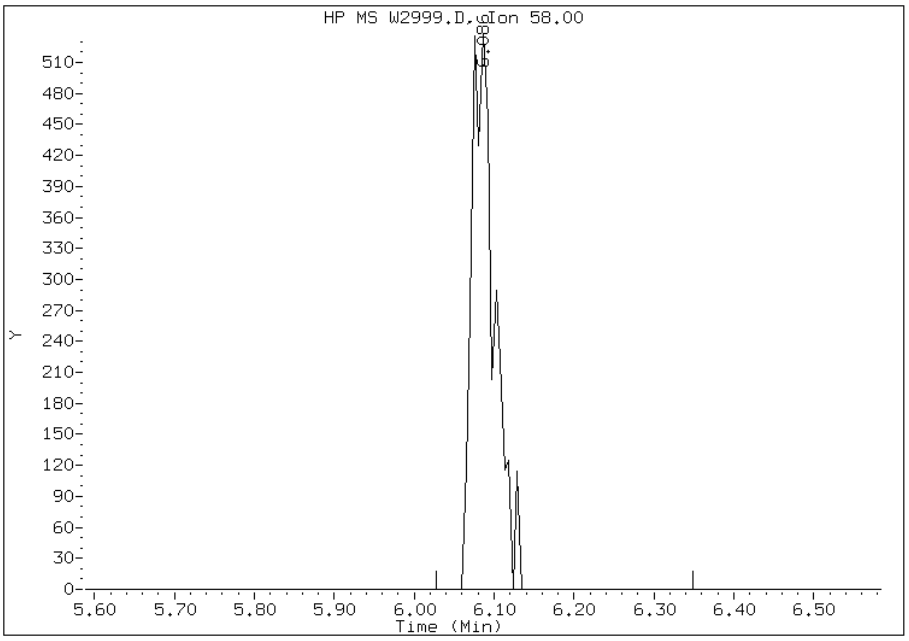
Manual Integration Results

RT: 6.09

Response: 1095

Amount: 41

Conc: 41



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/17/2009

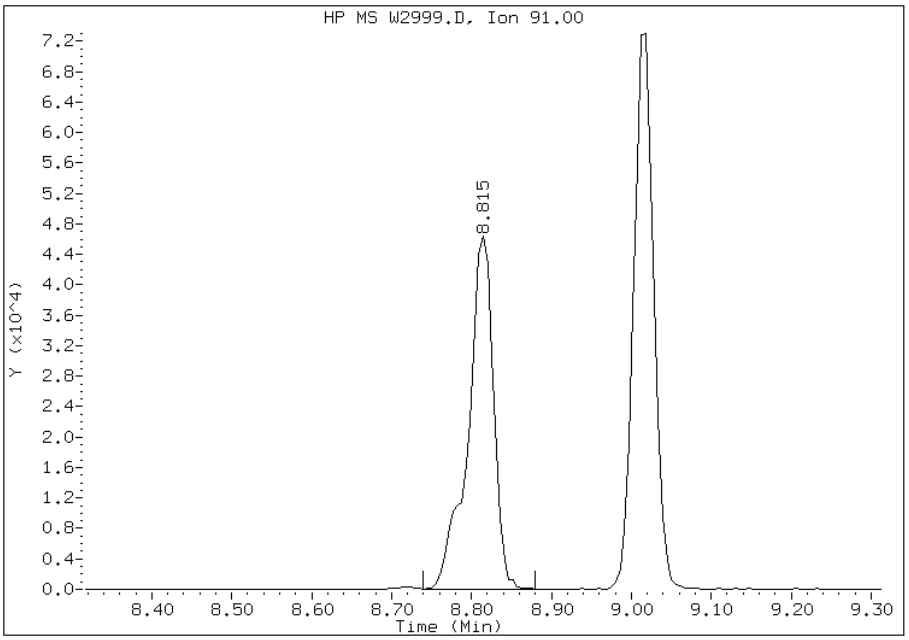
Processing Integration Results

RT: 8.81

Response: 102766

Amount: 6

Conc: 6



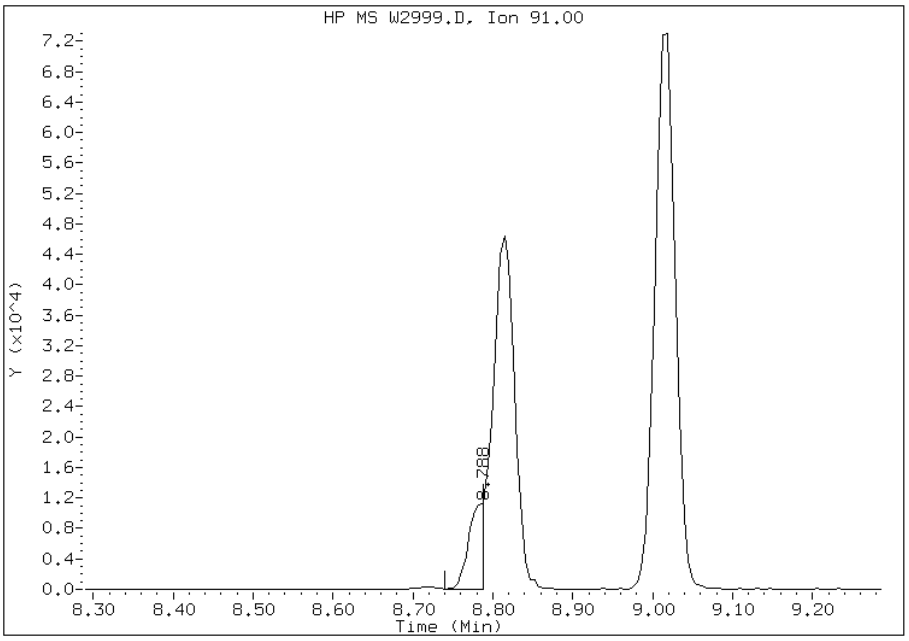
Manual Integration Results

RT: 8.79

Response: 15654

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/17/2009

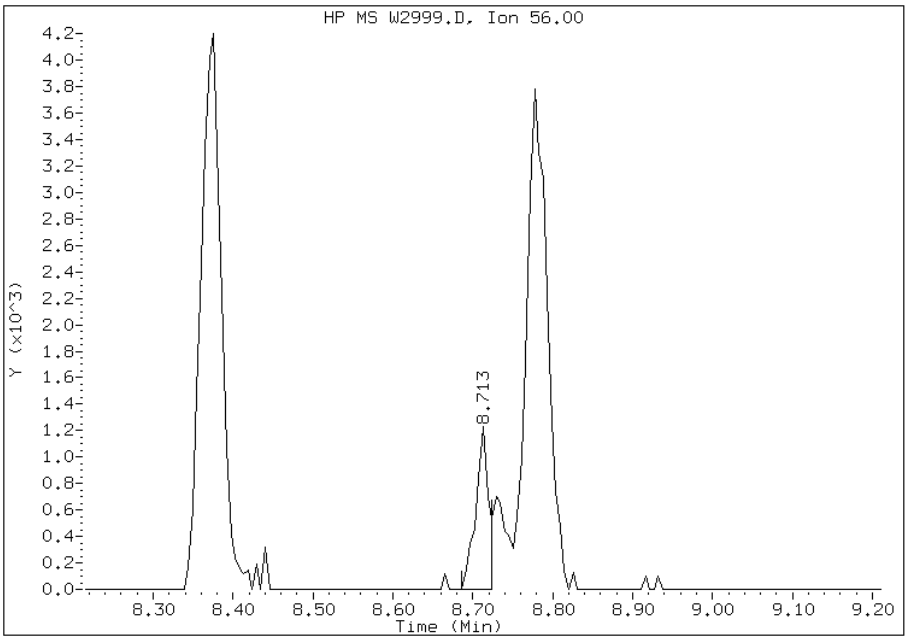
Processing Integration Results

RT: 8.71

Response: 1366

Amount: 1

Conc: 1



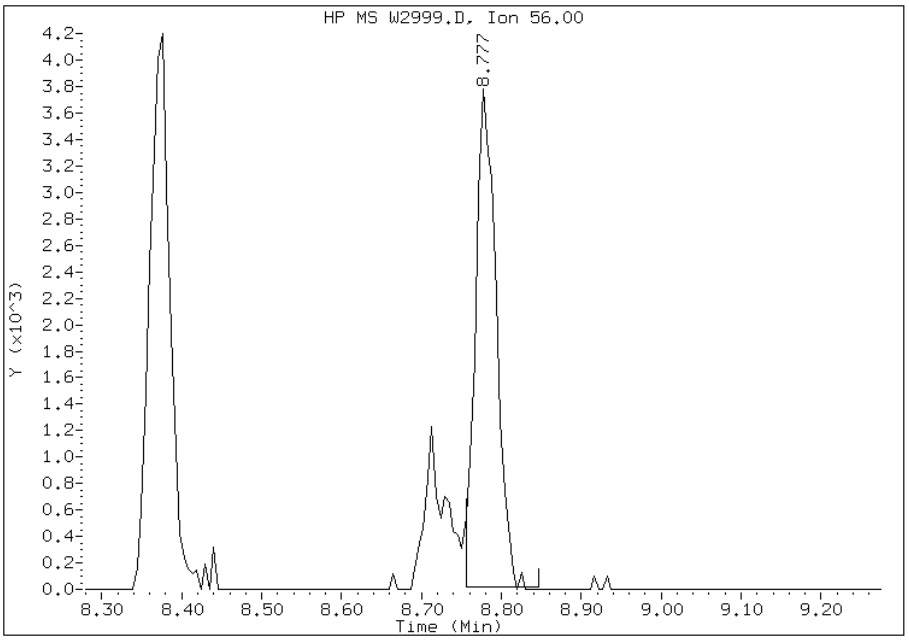
Manual Integration Results

RT: 8.78

Response: 6755

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

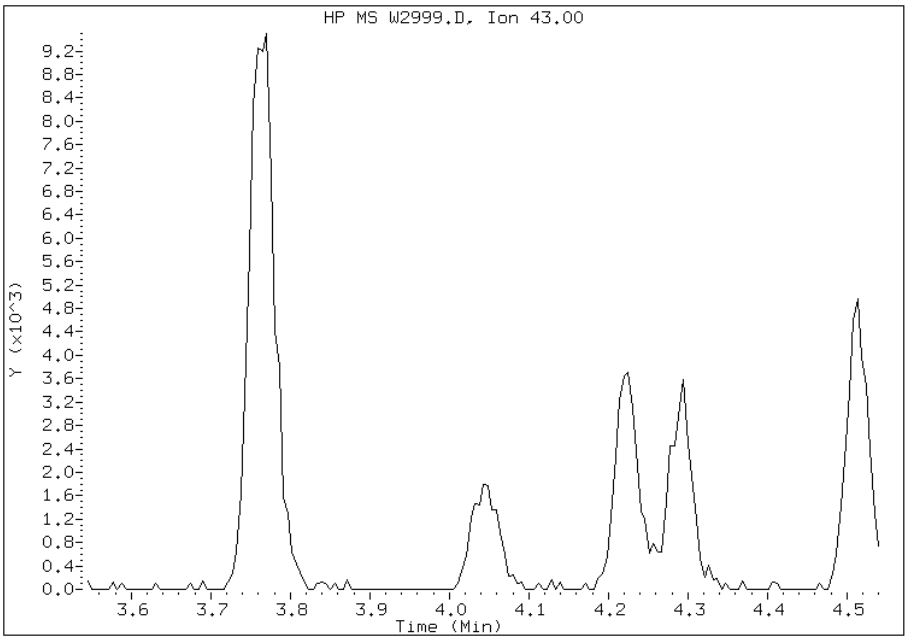
Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 02/17/2009

Processing Integration Results

Not Detected

Expected RT: 4.04



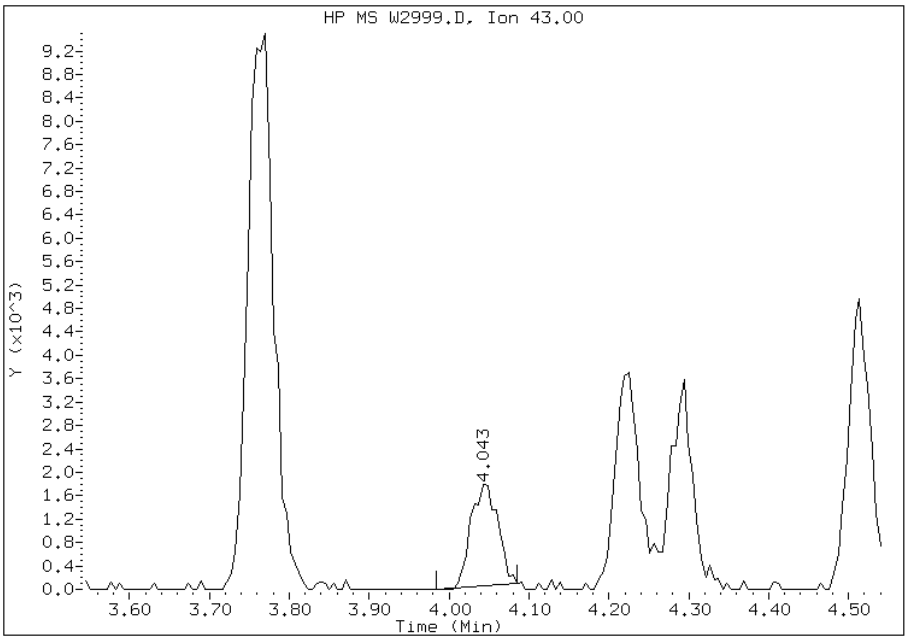
Manual Integration Results

RT: 4.04

Response: 3990

Amount: 8

Conc: 8



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W2999.D
Inj. Date and Time: 16-FEB-2009 19:00
Instrument ID: msw.i
Client ID: IC;5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/17/2009

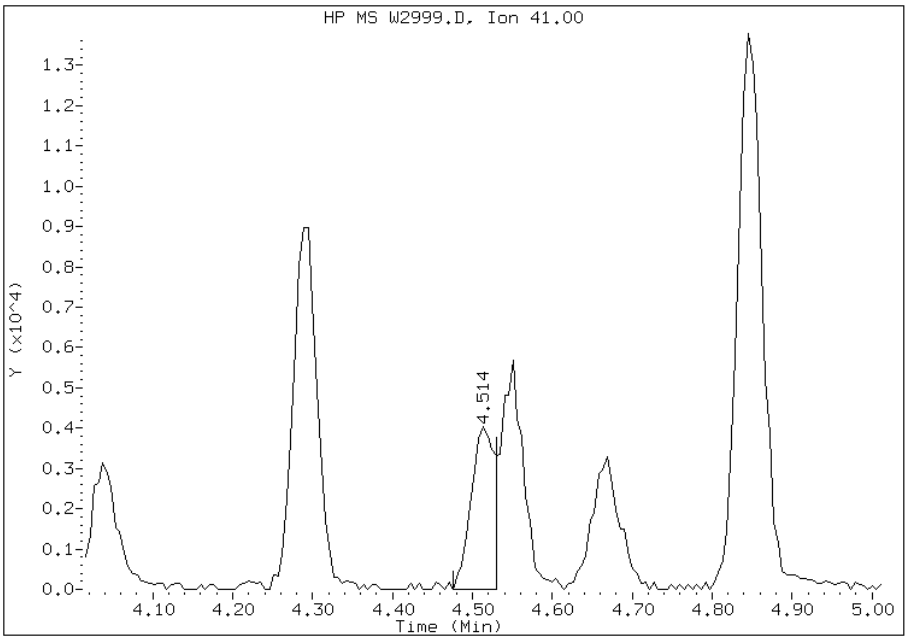
Processing Integration Results

RT: 4.51

Response: 8253

Amount: 4

Conc: 4



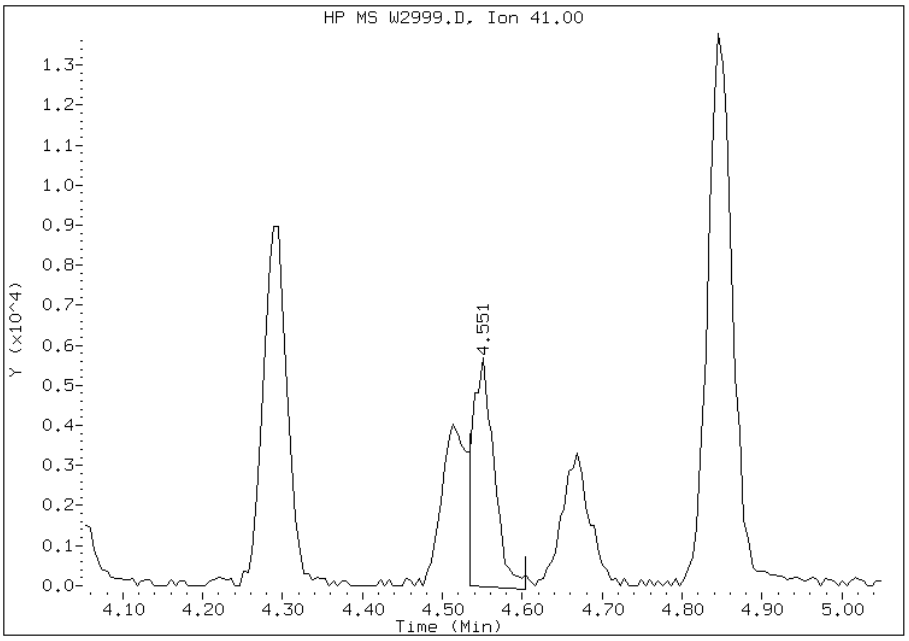
Manual Integration Results

RT: 4.55

Response: 10672

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W3000.D
Lab Smp Id: ICIS Client Smp ID: ICIS
Inj Date : 16-FEB-2009 19:30 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : ICIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W8260LOW.M
Meth Date : 17-Feb-2009 09:45 msw.i Quant Type: ISTD
Cal Date : 16-FEB-2009 19:30 Cal File: W3000.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	233609	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	70509	20.0000	22
3	Chloromethane	50	1.159	1.159	(0.234)	64101	20.0000	23
4	Vinyl Chloride	62	1.175	1.175	(0.237)	80281	20.0000	24
5	Bromomethane	94	1.367	1.367	(0.276)	41799	20.0000	24
6	Chloroethane	64	1.442	1.442	(0.291)	46754	20.0000	27
7	Trichlorofluoromethane	101	1.528	1.528	(0.308)	178425	20.0000	24
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	158354	20.0000	24
9	Ethyl Ether	45	1.736	1.736	(0.350)	38995	20.0000	24
10	Ethanol	45	1.795	1.795	(0.362)	32657	200.000	240
11	Freon 141	81	1.795	1.795	(0.362)	160094	20.0000	25
12	Freon 123	67	1.913	1.913	(0.386)	18225	20.0000	26
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	73912	20.0000	21
14	1,1-Dichloroethene	96	1.865	1.865	(0.376)	60019	20.0000	24
15	Carbon Disulfide	76	1.886	1.886	(0.380)	174931	20.0000	24
16	Iodomethane	142	1.972	1.972	(0.397)	43710	20.0000	18
17	Acrolein	56	2.116	2.116	(0.427)	23958	100.000	100
18	2-Propanol	45	2.261	2.261	(0.456)	7696	20.0000	20(M)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	88456	20.0000	23
20	Methylene Chloride	84	2.303	2.303	(0.464)	73593	20.0000	23
21	Acetone	43	2.346	2.346	(0.473)	31507	20.0000	24
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	71556	20.0000	23
23	Methyl Acetate	43	2.459	2.459	(0.496)	296840	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.513)	283406	20.0000	22
	25 tert-Butyl alcohol	59	2.640	2.640	(0.532)	47287	100.000	100
	26 Acetonitrile	41	2.747	2.747	(0.554)	84639	200.000	220
	27 Isopropyl ether	45	2.913	2.913	(0.587)	199016	20.0000	22
	28 tert-Butyl ethyl ether	59	3.299	3.299	(0.665)	254961	20.0000	22
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	58082	20.0000	23
	30 Acrylonitrile	53	3.058	3.058	(0.616)	57157	40.0000	41
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	134119	20.0000	21
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	165983	20.0000	23
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.721)	85048	20.0000	21
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	137151	20.0000	24
	35 Bromochloromethane	128	3.780	3.780	(0.762)	48099	20.0000	22
	36 1-Bromopropane	43	3.764	3.764	(0.759)	93830	20.0000	21
	37 Cyclohexane	84	3.775	3.775	(0.761)	99693	20.0000	27
	38 Chloroform	83	3.882	3.882	(0.782)	155442	20.0000	21
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	19424	40.0000	42
	40 Methyl Acrylate	55	4.042	4.042	(0.815)	70571	20.0000	22
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	84789	20.0000	20
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	49216	40.0000	43
	43 Carbon Tetrachloride	117	4.010	4.010	(0.808)	137065	20.0000	24
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.823)	155853	20.0000	22
	45 2-Butanone	43	4.224	4.224	(0.851)	34100	20.0000	24(H)
	46 1,1-Dichloropropene	75	4.224	4.224	(0.851)	109815	20.0000	22
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.941)	246575	20.0000	23
	48 tert-Butyl formate	57	4.845	4.845	(0.976)	27579	20.0000	19
	49 1-Chlorobutane	56	4.288	4.288	(0.864)	148660	20.0000	22
	50 Heptane	43	4.508	4.508	(0.908)	47668	20.0000	22
	51 Propionitrile	54	4.518	4.518	(0.911)	115343	200.000	210
	52 Benzene	78	4.491	4.491	(0.905)	304267	20.0000	22
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.917)	53594	20.0000	22(M)
	54 Isobutyl alcohol	42	4.668	4.668	(0.941)	13043	200.000	240
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.935)	115071	20.0000	20
	56 1,2-Dichloroethane	62	4.716	4.716	(0.950)	145610	20.0000	21(H)
	59 Methyl Cyclohexane	83	5.139	5.139	(1.036)	96233	20.0000	22
	60 Trichloroethene	130	5.155	5.155	(1.039)	94526	20.0000	21
	61 Isopropyl Acetate	43	5.139	5.139	(1.036)	5566	40.0000	62(M)
	62 n-Butanol	56	5.652	5.652	(1.139)	11588	200.000	160
	63 Dibromomethane	93	5.620	5.620	(1.133)	57475	20.0000	22
	64 1,2-Dichloropropane	63	5.738	5.738	(1.156)	70268	20.0000	21
	65 Bromodichloromethane	83	5.845	5.845	(1.178)	124693	20.0000	22
	66 Methyl Methacrylate	69	6.091	6.091	(1.227)	63248	20.0000	20
	67 1,4-Dioxane	58	6.086	6.086	(1.226)	5236	200.000	210
	68 n-Propyl Acetate	43	6.567	6.567	(1.323)	21501	40.0000	43
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.323)	32065	20.0000	21
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.329)	134967	20.0000	23
	71 Chloroacetonitrile	48	7.075	7.075	(1.426)	24895	200.000	220
	72 2-Nitropropane	41	7.145	7.145	(1.440)	60271	40.0000	43
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.492)	140313	20.0000	23
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.528)	77934	20.0000	22
*	75 Chlorobenzene-d5	117	8.712	8.712	(1.000)	242272	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	347261	20.0000	22
$	77 Toluene-d8	98	6.813	6.813	(0.782)	290594	20.0000	22
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	215569	100.000	110
	79 4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	64698	20.0000	22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
80	Tetrachloroethene	164	7.327	7.327	(0.841)	73232	20.0000	21
81	Ethyl Methacrylate	69	7.675	7.675	(0.881)	83426	20.0000	20
82	Dibromochloromethane	129	7.782	7.782	(0.893)	103528	20.0000	22
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	135368	20.0000	22
84	1,2-Dibromoethane	107	8.033	8.033	(0.922)	83477	20.0000	22
85	n-Butyl Acetate	56	8.782	8.782	(1.008)	36171	20.0000	23(M)
86	2-Hexanone	43	8.434	8.434	(0.968)	47162	20.0000	21
87	1-Chlorohexane	91	8.793	8.793	(1.009)	99691	20.0000	25(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	239146	20.0000	21
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.015)	96786	20.0000	22
90	Ethylbenzene	106	8.814	8.814	(1.012)	122825	20.0000	23
91	Xylene (total)mp	106	9.017	9.017	(1.035)	299545	40.0000	47
92	Xylene (total)o	106	9.520	9.520	(1.093)	142636	20.0000	24
93	Styrene	104	9.579	9.579	(1.099)	231463	20.0000	21
94	Bromoform	173	9.568	9.568	(1.098)	74163	20.0000	22
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	148323	25.0000	
96	Isopropylbenzene	105	9.873	9.873	(0.887)	338576	20.0000	23
97	Bromobenzene	156	10.205	10.205	(0.917)	109460	20.0000	21
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	92519	20.0000	21
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	357159	20.0000	23
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	38644	20.0000	21
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	66771	40.0000	45
102	n-Propylbenzene	91	10.285	10.285	(0.925)	375106	20.0000	23
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	305106	20.0000	23
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	283690	20.0000	22
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	307337	20.0000	23
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	243153	20.0000	24
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	311574	20.0000	24
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	309908	20.0000	23
109	4-Isopropyltoluene	119	11.040	11.040	(0.992)	285264	20.0000	22
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	187924	20.0000	22
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	195035	20.0000	21
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	188582	20.0000	22
113	Benzyl Chloride	126	11.350	11.350	(1.020)	45538	20.0000	21
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	151110	20.0000	22
115	n-Butylbenzene	91	11.382	11.382	(1.023)	234921	20.0000	23
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	262423	20.0000	20
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	24252	20.0000	22
120	Nitrobenzene	77	12.484	12.484	(1.122)	45962	200.000	170
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.130)	117482	20.0000	20
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	63569	20.0000	22
123	Naphthalene	128	12.805	12.805	(1.151)	264606	20.0000	18
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	113896	20.0000	20
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	119674	20.0000	21
M 126	1,2-Dichloroethene (total)	100				156604	40.0000	44
M 127	Xylene (total)	100				442181	60.0000	70

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3000.D

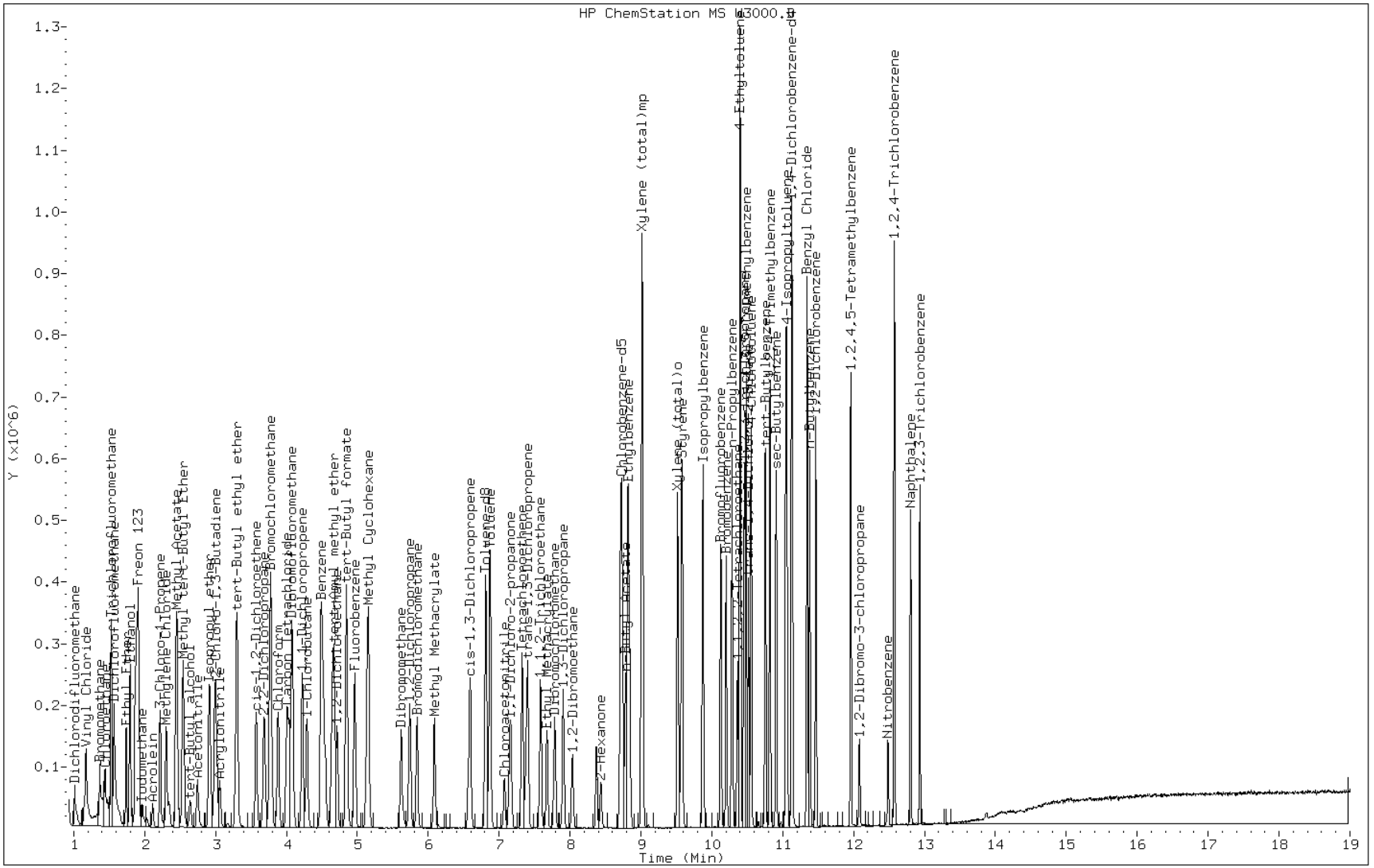
Date: 16-FEB-2009 19:30

Client ID: ICIS

Instrument: msw.i

Sample Info: ICIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3000.D
Inj. Date and Time: 16-FEB-2009 19:30
Instrument ID: msw.i
Client ID: ICIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/17/2009

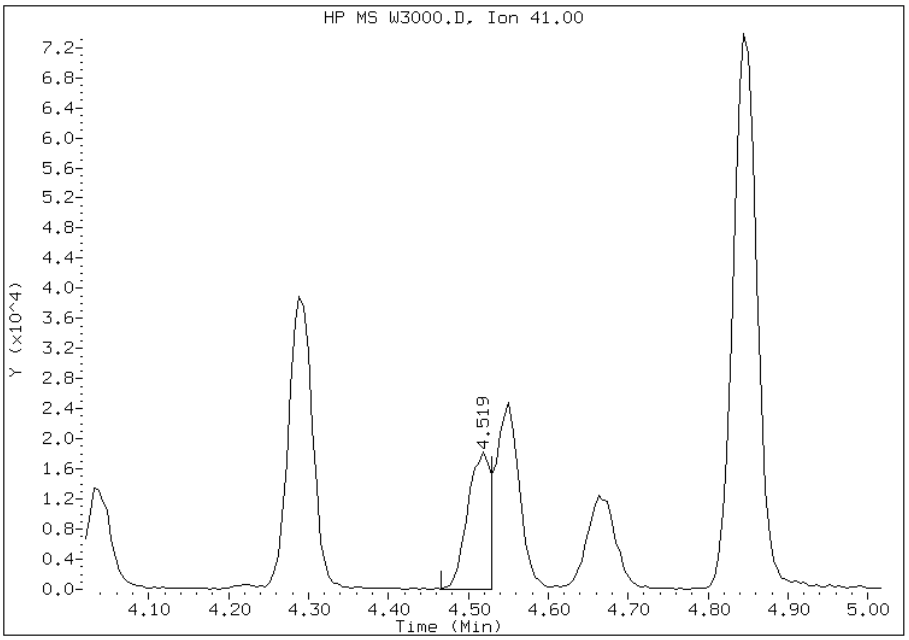
Processing Integration Results

RT: 4.52

Response: 37343

Amount: 18

Conc: 18



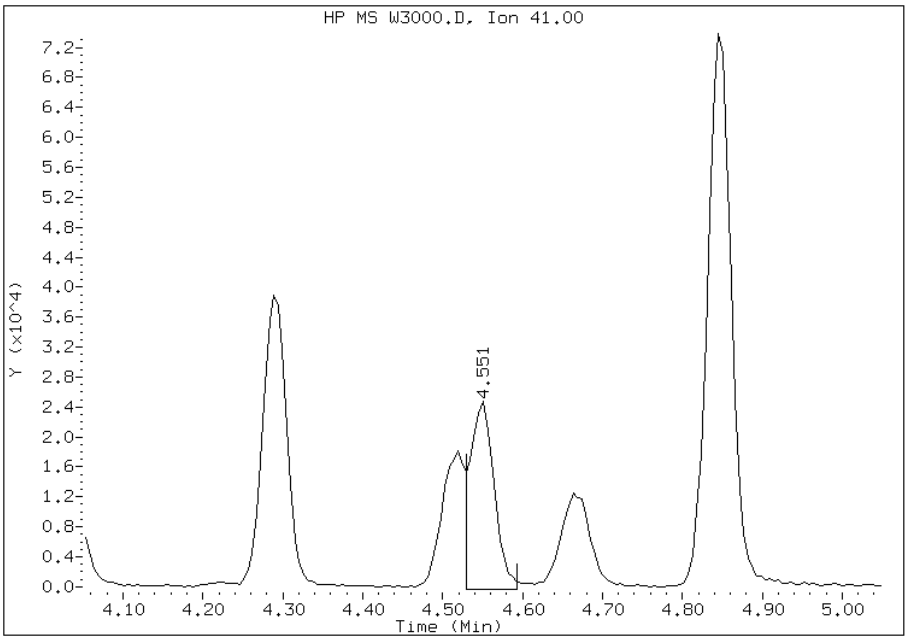
Manual Integration Results

RT: 4.55

Response: 53594

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3000.D
Inj. Date and Time: 16-FEB-2009 19:30
Instrument ID: msw.i
Client ID: ICIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/17/2009

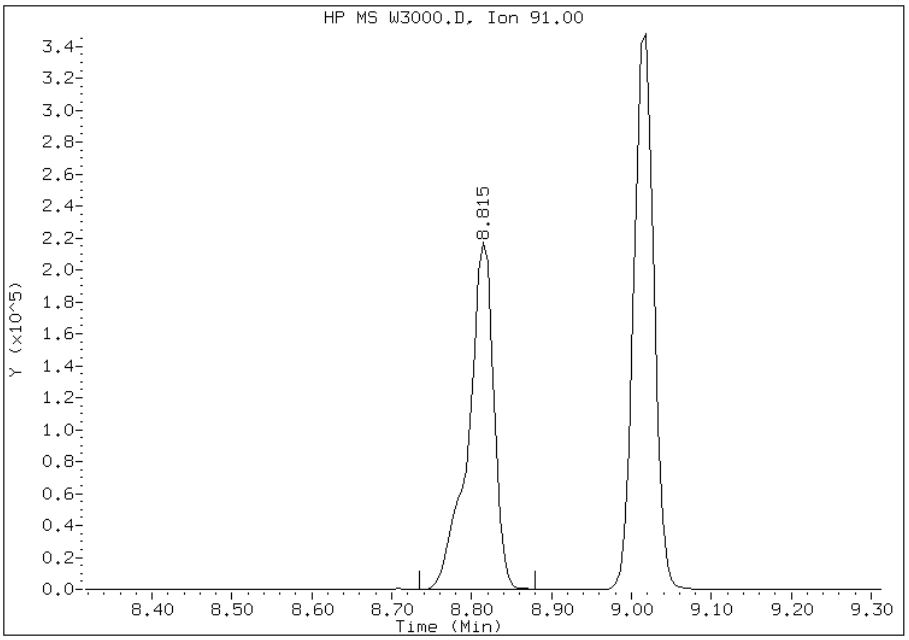
Processing Integration Results

RT: 8.81

Response: 480550

Amount: 27

Conc: 27



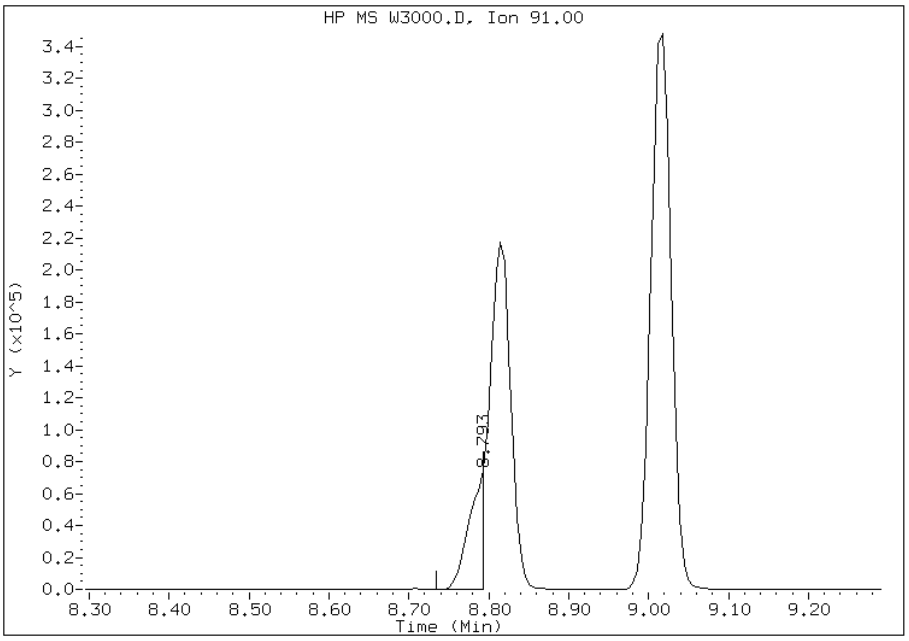
Manual Integration Results

RT: 8.79

Response: 99691

Amount: 25

Conc: 25



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3000.D
Inj. Date and Time: 16-FEB-2009 19:30
Instrument ID: msw.i
Client ID: ICIS
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/17/2009

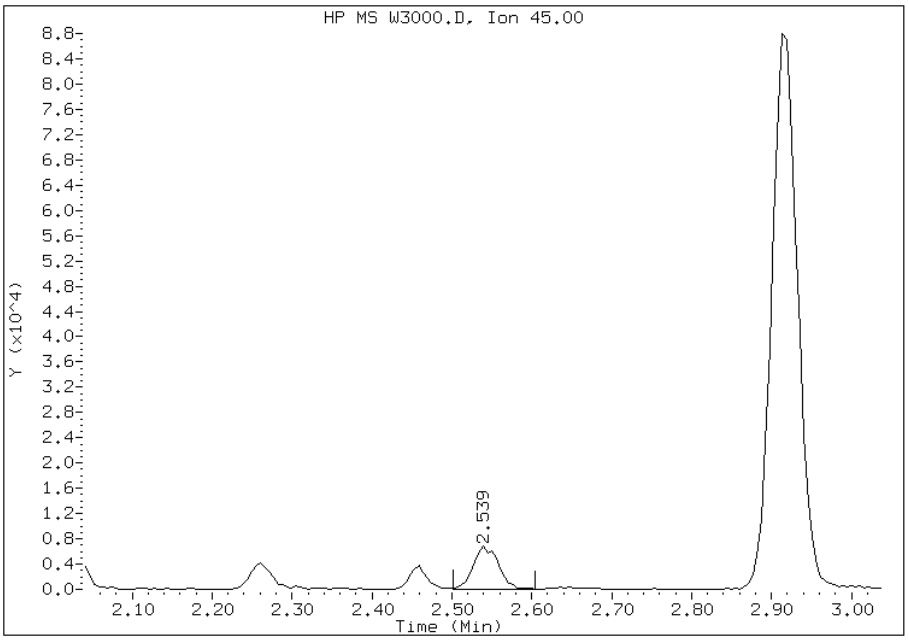
Processing Integration Results

RT: 2.54

Response: 14948

Amount: 25

Conc: 25



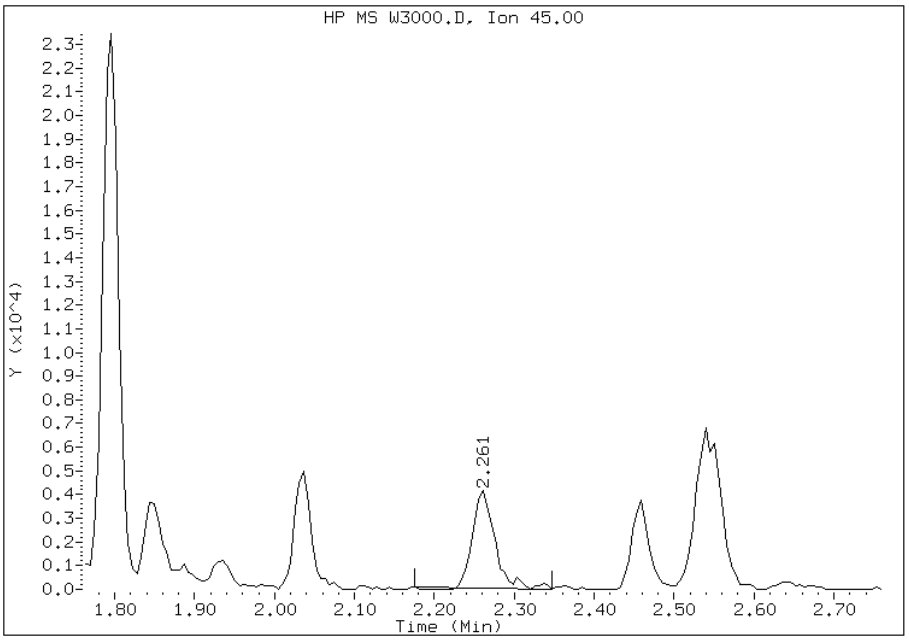
Manual Integration Results

RT: 2.26

Response: 7696

Amount: 20

Conc: 20



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3000.D
Inj. Date and Time: 16-FEB-2009 19:30
Instrument ID: msw.i
Client ID: ICIS
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/17/2009

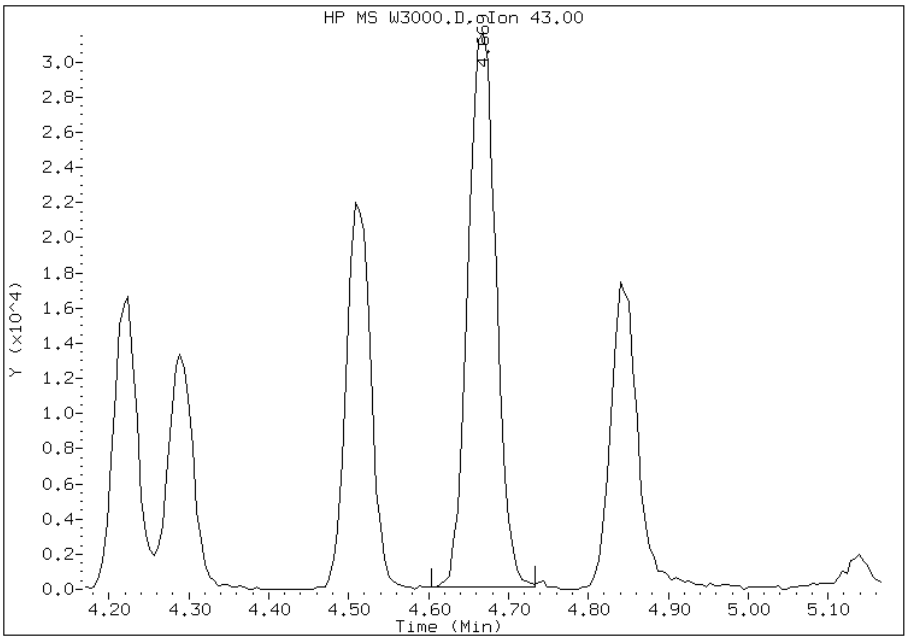
Processing Integration Results

RT: 4.67

Response: 77220

Amount: 53

Conc: 53



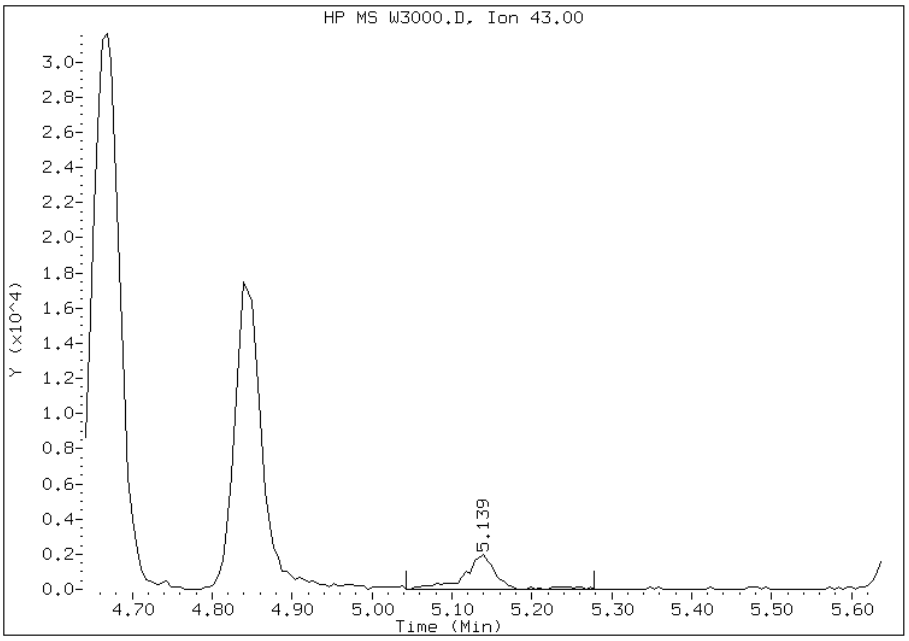
Manual Integration Results

RT: 5.14

Response: 5566

Amount: 62

Conc: 62



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3000.D
Inj. Date and Time: 16-FEB-2009 19:30
Instrument ID: msw.i
Client ID: ICIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/17/2009

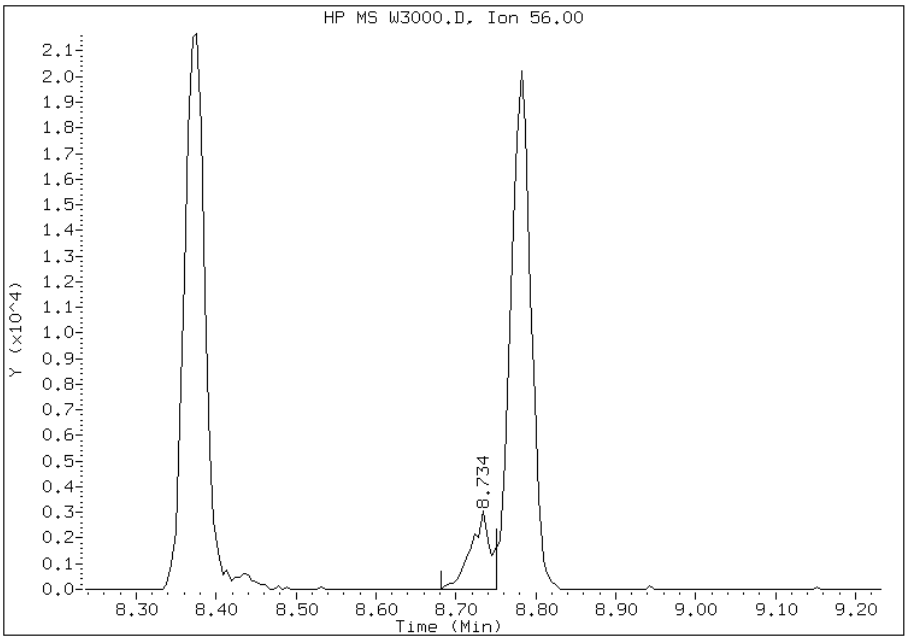
Processing Integration Results

RT: 8.73

Response: 5345

Amount: 26

Conc: 26



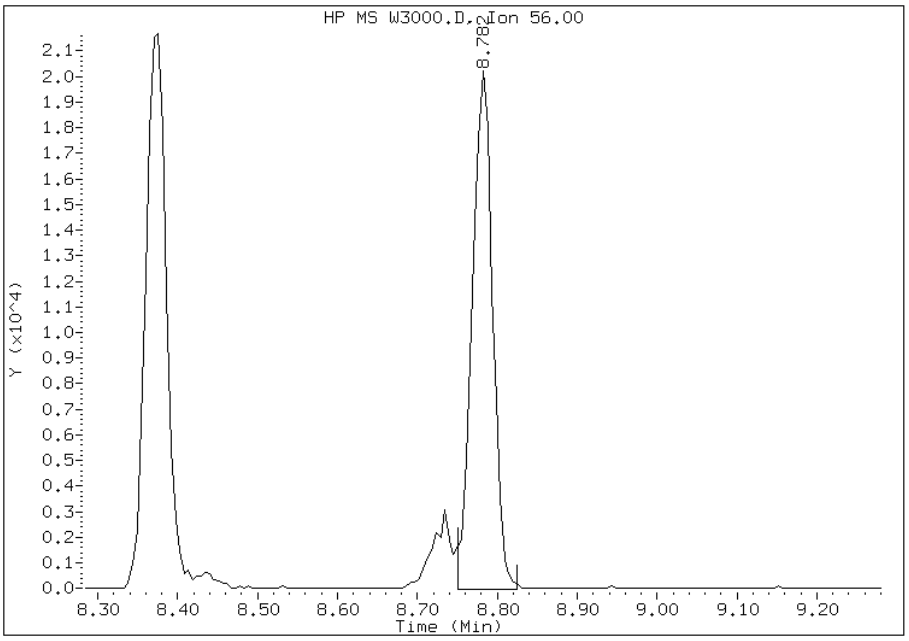
Manual Integration Results

RT: 8.78

Response: 36171

Amount: 23

Conc: 23



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W3001.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 16-FEB-2009 19:59 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;50
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W8260LOW.M
Meth Date : 17-Feb-2009 09:45 msw.i Quant Type: ISTD
Cal Date : 16-FEB-2009 19:59 Cal File: W3001.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	289817	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	144312	50.0000	36
3	Chloromethane	50	1.159	1.159	(0.234)	156076	50.0000	46
4	Vinyl Chloride	62	1.175	1.175	(0.237)	175566	50.0000	44
5	Bromomethane	94	1.367	1.367	(0.276)	97545	50.0000	48
6	Chloroethane	64	1.437	1.437	(0.290)	97184	50.0000	47
7	Trichlorofluoromethane	101	1.523	1.523	(0.307)	367237	50.0000	40
8	Dichlorofluoromethane	67	1.565	1.565	(0.316)	376324	50.0000	48
9	Ethyl Ether	45	1.742	1.742	(0.351)	99082	50.0000	50
10	Ethanol	45	1.790	1.790	(0.361)	76702	500.000	470
11	Freon 141	81	1.790	1.790	(0.361)	356022	50.0000	46
12	Freon 123	67	1.913	1.913	(0.386)	38688	50.0000	45
13	Trichlorotrifluoroethane	101	1.897	1.897	(0.382)	153865	50.0000	36
14	1,1-Dichloroethene	96	1.865	1.865	(0.376)	136099	50.0000	44
15	Carbon Disulfide	76	1.881	1.881	(0.379)	397795	50.0000	45
16	Iodomethane	142	1.967	1.967	(0.396)	148968	50.0000	45
17	Acrolein	56	2.111	2.111	(0.425)	76021	250.000	250
18	2-Propanol	45	2.261	2.261	(0.456)	22405	50.0000	47(H)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	218808	50.0000	48
20	Methylene Chloride	84	2.304	2.304	(0.464)	184670	50.0000	49
21	Acetone	43	2.352	2.352	(0.474)	75235	50.0000	50
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	176210	50.0000	46
23	Methyl Acetate	43	2.459	2.459	(0.496)	798971	50.0000	45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.513)	756022	50.0000	47
	25 tert-Butyl alcohol	59	2.646	2.646	(0.533)	137914	250.000	250
	26 Acetonitrile	41	2.748	2.748	(0.554)	231907	500.000	490
	27 Isopropyl ether	45	2.919	2.919	(0.588)	539403	50.0000	48
	28 tert-Butyl ethyl ether	59	3.299	3.299	(0.665)	696852	50.0000	49
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	137699	50.0000	44
	30 Acrylonitrile	53	3.063	3.063	(0.617)	156297	100.000	90
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	338668	50.0000	43
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	465884	50.0000	51
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.720)	217038	50.0000	42
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	330830	50.0000	47
	35 Bromochloromethane	128	3.780	3.780	(0.762)	120398	50.0000	44
	36 1-Bromopropane	43	3.759	3.759	(0.757)	227181	50.0000	42
	37 Cyclohexane	84	3.780	3.780	(0.762)	212842	50.0000	45
	38 Chloroform	83	3.882	3.882	(0.782)	397292	50.0000	42
	39 Ethyl Acetate	43	4.037	4.037	(0.814)	52679	100.000	92
	40 Methyl Acrylate	55	4.042	4.042	(0.815)	199673	50.0000	50
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	225631	50.0000	44
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	142372	100.000	100
	43 Carbon Tetrachloride	117	4.005	4.005	(0.807)	312785	50.0000	44
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.822)	365842	50.0000	41
	45 2-Butanone	43	4.219	4.219	(0.850)	94223	50.0000	49(H)
	46 1,1-Dichloropropene	75	4.224	4.224	(0.851)	254596	50.0000	42
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.941)	685615	50.0000	51
	48 tert-Butyl formate	57	4.845	4.845	(0.976)	78895	50.0000	51
	49 1-Chlorobutane	56	4.288	4.288	(0.864)	353686	50.0000	43
	50 Heptane	43	4.513	4.513	(0.909)	103600	50.0000	39
	51 Propionitrile	54	4.524	4.524	(0.912)	315782	500.000	460
	52 Benzene	78	4.492	4.492	(0.905)	757580	50.0000	44
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.917)	137122	50.0000	45(M)
	54 Isobutyl alcohol	42	4.668	4.668	(0.941)	32932	500.000	520
$	55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	299268	50.0000	43
	56 1,2-Dichloroethane	62	4.716	4.716	(0.950)	376958	50.0000	44(H)
	59 Methyl Cyclohexane	83	5.139	5.139	(1.036)	214578	50.0000	40
	60 Trichloroethene	130	5.160	5.160	(1.040)	233619	50.0000	42
	61 Isopropyl Acetate	43	5.139	5.139	(1.036)	8284	100.000	74(M)
	62 n-Butanol	56	5.647	5.647	(1.138)	44389	500.000	450
	63 Dibromomethane	93	5.615	5.615	(1.132)	151883	50.0000	46
	64 1,2-Dichloropropane	63	5.738	5.738	(1.156)	188881	50.0000	45
	65 Bromodichloromethane	83	5.840	5.840	(1.177)	325489	50.0000	45
	66 Methyl Methacrylate	69	6.086	6.086	(1.226)	192923	50.0000	49
	67 1,4-Dioxane	58	6.086	6.086	(1.226)	15967	500.000	510
	68 n-Propyl Acetate	43	6.567	6.567	(1.323)	60772	100.000	97
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.323)	92976	50.0000	49
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.329)	368115	50.0000	50
	71 Chloroacetonitrile	48	7.076	7.076	(1.426)	71246	500.000	500
	72 2-Nitropropane	41	7.145	7.145	(1.440)	176083	100.000	100
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.492)	394494	50.0000	53
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.528)	211285	50.0000	48
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	294255	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	886543	50.0000	47
$	77 Toluene-d8	98	6.813	6.813	(0.782)	758754	50.0000	46
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	630820	250.000	270
	79 4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	196553	50.0000	56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
80	Tetrachloroethene	164	7.327	7.327	(0.841)	178396	50.0000	42
81	Ethyl Methacrylate	69	7.675	7.675	(0.881)	256005	50.0000	50
82	Dibromochloromethane	129	7.782	7.782	(0.893)	288459	50.0000	50
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	369467	50.0000	49
84	1,2-Dibromoethane	107	8.033	8.033	(0.922)	235618	50.0000	50
85	n-Butyl Acetate	56	8.782	8.782	(1.008)	85591	50.0000	45(M)
86	2-Hexanone	43	8.434	8.434	(0.968)	140088	50.0000	50
87	1-Chlorohexane	91	8.787	8.787	(1.009)	183074	50.0000	38(M)
88	Chlorobenzene	112	8.734	8.734	(1.002)	626922	50.0000	46
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.015)	260825	50.0000	49
90	Ethylbenzene	106	8.814	8.814	(1.012)	316408	50.0000	48
91	Xylene (total)mp	106	9.017	9.017	(1.035)	777773	100.000	100
92	Xylene (total)o	106	9.520	9.520	(1.093)	377522	50.0000	52
93	Styrene	104	9.579	9.579	(1.099)	649760	50.0000	49
94	Bromoform	173	9.569	9.569	(1.098)	211819	50.0000	52
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	186538	25.0000	
96	Isopropylbenzene	105	9.873	9.873	(0.887)	878766	50.0000	48
97	Bromobenzene	156	10.205	10.205	(0.917)	299324	50.0000	46
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	260835	50.0000	47
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	932001	50.0000	48
100	1,2,3-Trichloropropane	110	10.457	10.457	(0.940)	106621	50.0000	45
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	185791	100.000	100
102	n-Propylbenzene	91	10.285	10.285	(0.925)	980888	50.0000	48
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	793921	50.0000	47
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	756794	50.0000	48
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	792334	50.0000	48
106	tert-Butylbenzene	119	10.751	10.751	(0.966)	625338	50.0000	48
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	835734	50.0000	51
108	sec-Butylbenzene	105	10.906	10.906	(0.980)	792409	50.0000	46
109	4-Isopropyltoluene	119	11.040	11.040	(0.992)	765487	50.0000	46
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	505820	50.0000	46
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	524896	50.0000	46
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	515795	50.0000	47
113	Benzyl Chloride	126	11.350	11.350	(1.020)	138069	50.0000	50
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	410797	50.0000	46
115	n-Butylbenzene	91	11.382	11.382	(1.023)	603904	50.0000	46
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	803750	50.0000	47
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	73408	50.0000	52
120	Nitrobenzene	77	12.484	12.484	(1.122)	215426	500.000	510
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.130)	371002	50.0000	48
122	Hexachlorobutadiene	225	12.570	12.570	(1.130)	167935	50.0000	45
123	Naphthalene	128	12.805	12.805	(1.151)	943900	50.0000	48
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	360097	50.0000	49
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	329016	50.0000	46
M 126	1,2-Dichloroethene (total)	100				393248	100.000	89
M 127	Xylene (total)	100				1155295	150.000	150

QC Flag Legend

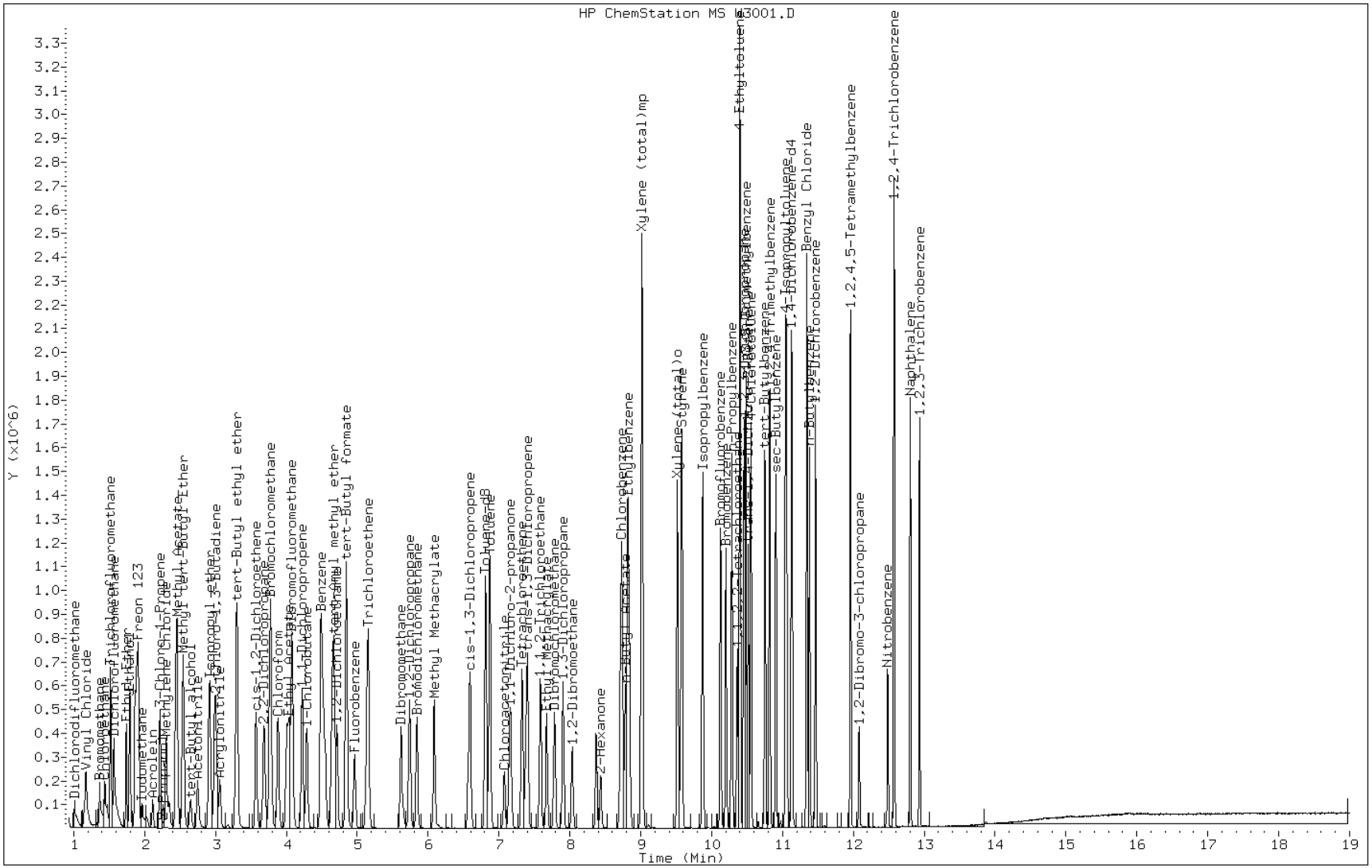
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3001.D

Date: 16-FEB-2009 19:59

Client ID: IC;50 Instrument: msw.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3001.D
Inj. Date and Time: 16-FEB-2009 19:59
Instrument ID: msw.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/17/2009

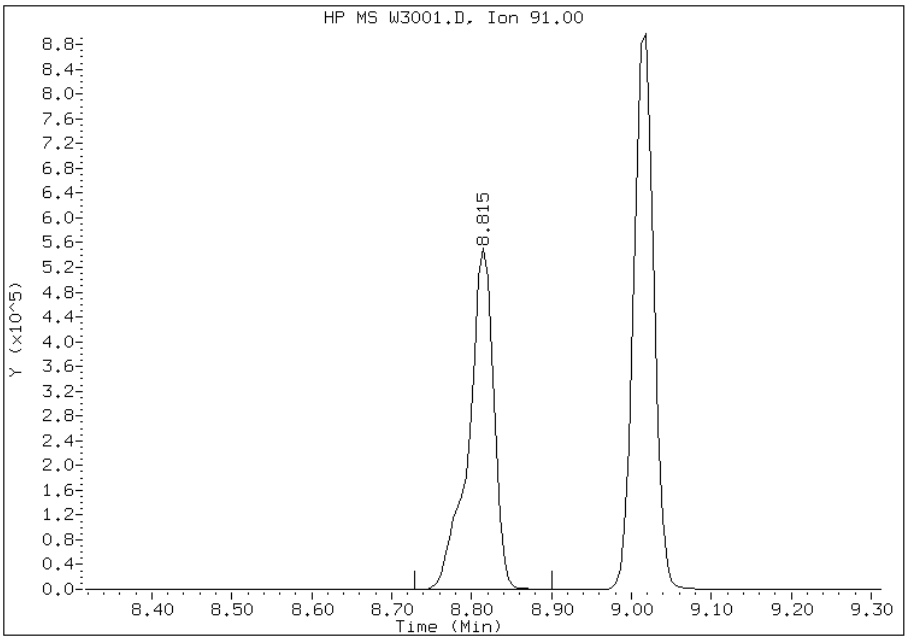
Processing Integration Results

RT: 8.81

Response: 1201622

Amount: 55

Conc: 55



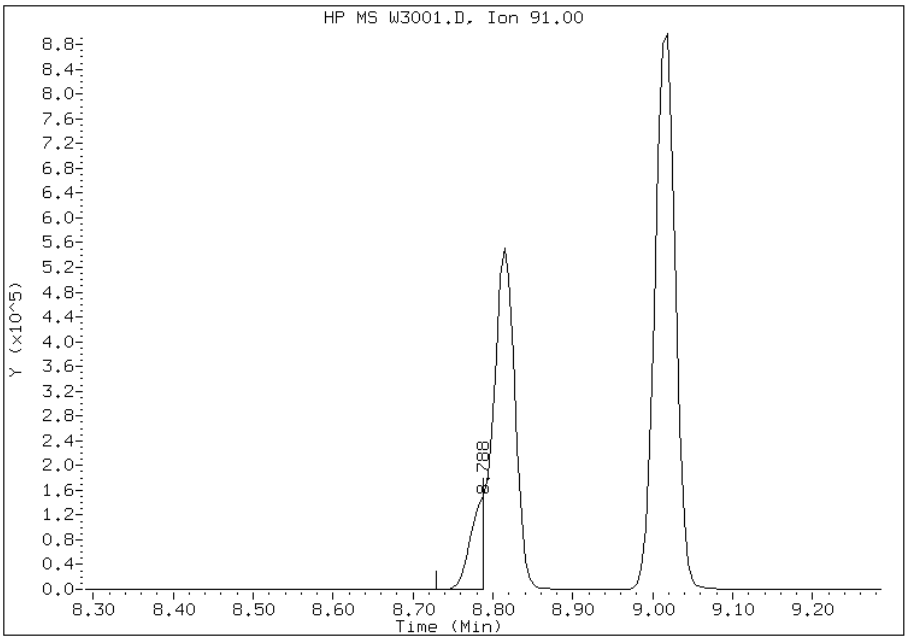
Manual Integration Results

RT: 8.79

Response: 183074

Amount: 38

Conc: 38



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3001.D
Inj. Date and Time: 16-FEB-2009 19:59
Instrument ID: msw.i
Client ID: IC;50
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/17/2009

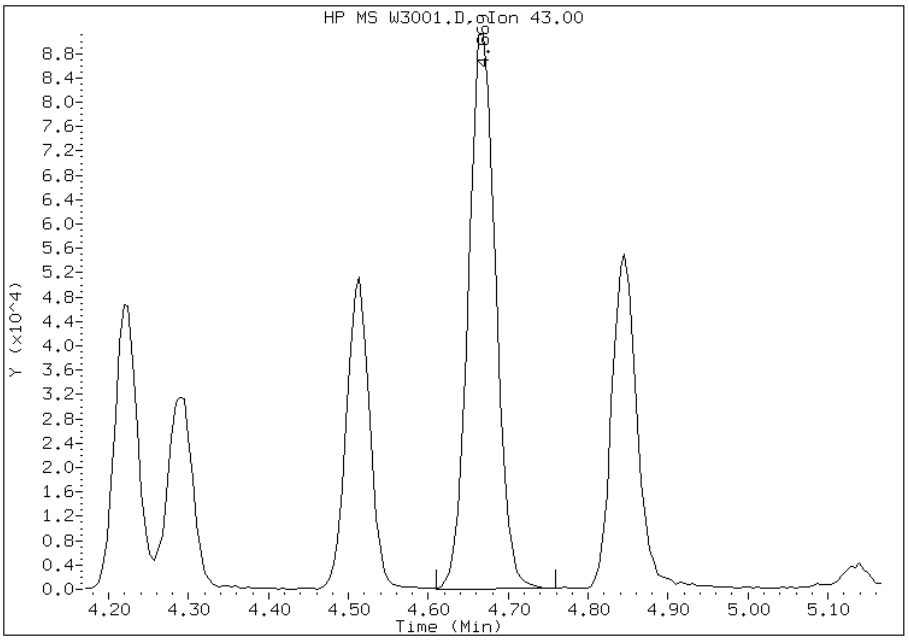
Processing Integration Results

RT: 4.67

Response: 216382

Amount: 120

Conc: 120



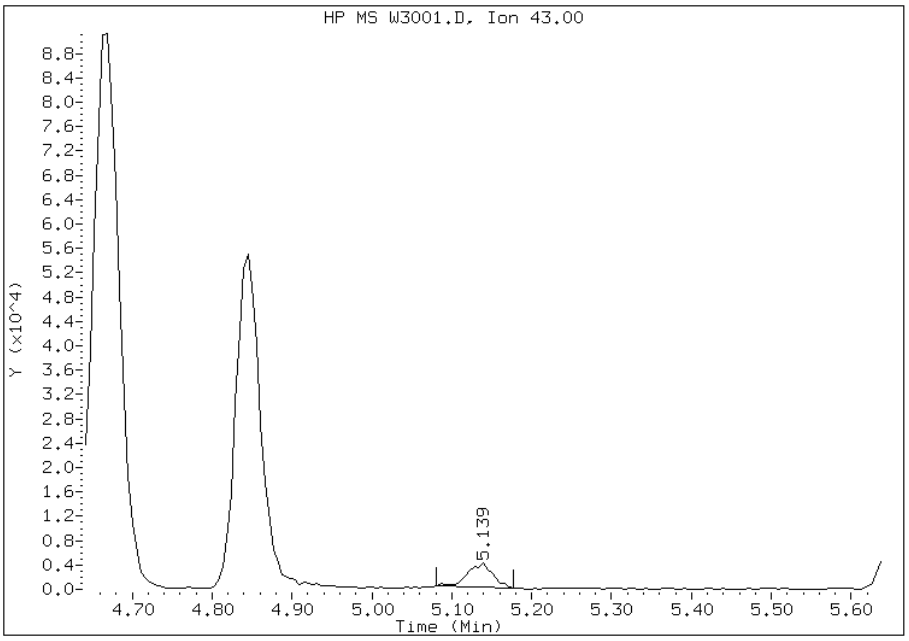
Manual Integration Results

RT: 5.14

Response: 8284

Amount: 74

Conc: 74



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3001.D
Inj. Date and Time: 16-FEB-2009 19:59
Instrument ID: msw.i
Client ID: IC;50
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/17/2009

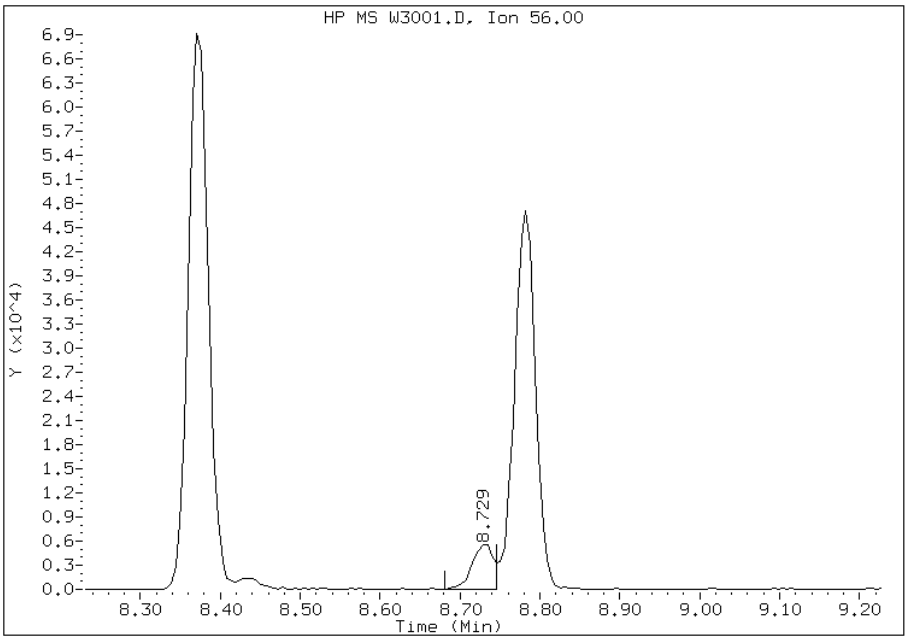
Processing Integration Results

RT: 8.73

Response: 10613

Amount: 7

Conc: 7



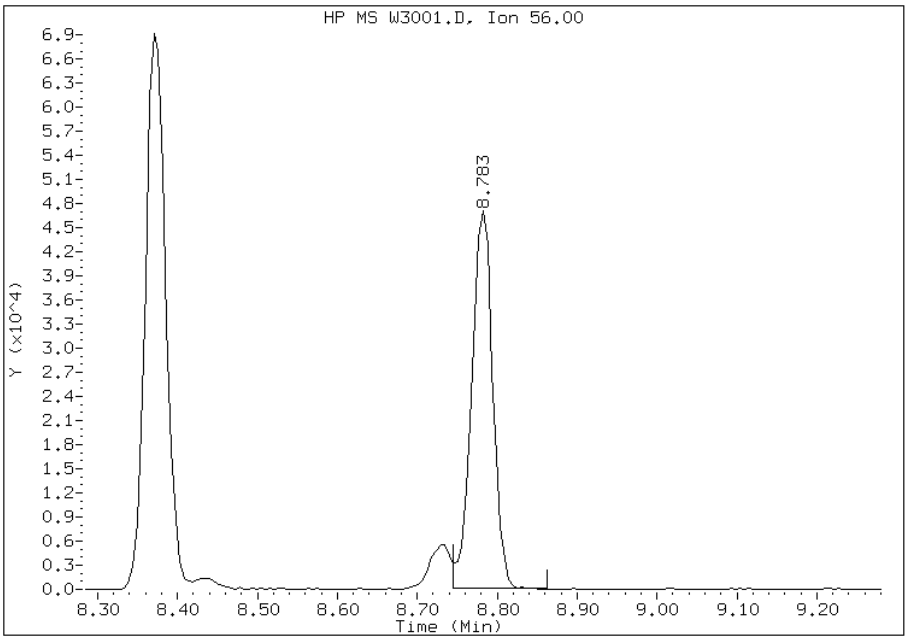
Manual Integration Results

RT: 8.78

Response: 85591

Amount: 45

Conc: 45



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: W3001.D
Inj. Date and Time: 16-FEB-2009 19:59
Instrument ID: msw.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/17/2009

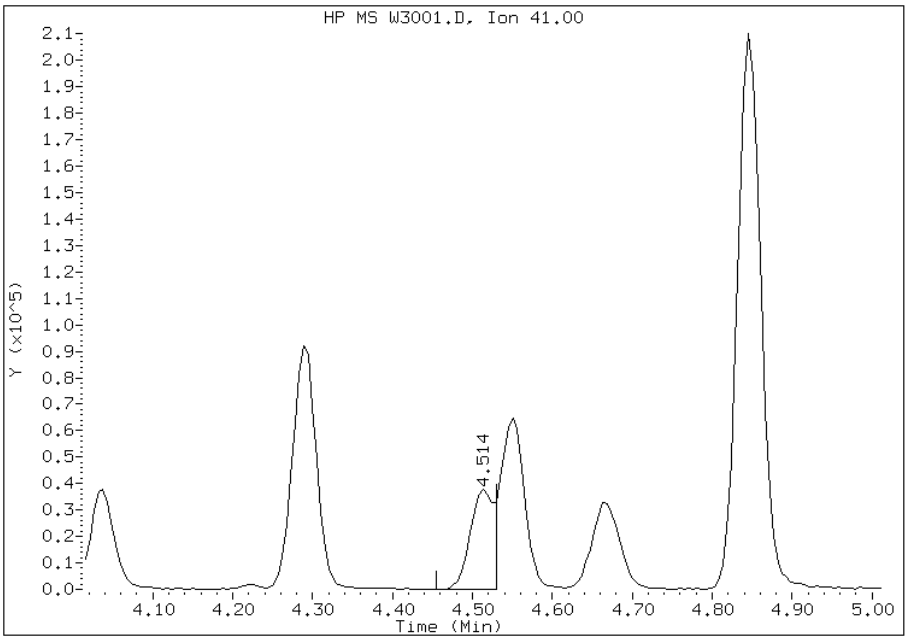
Processing Integration Results

RT: 4.51

Response: 80704

Amount: 31

Conc: 31



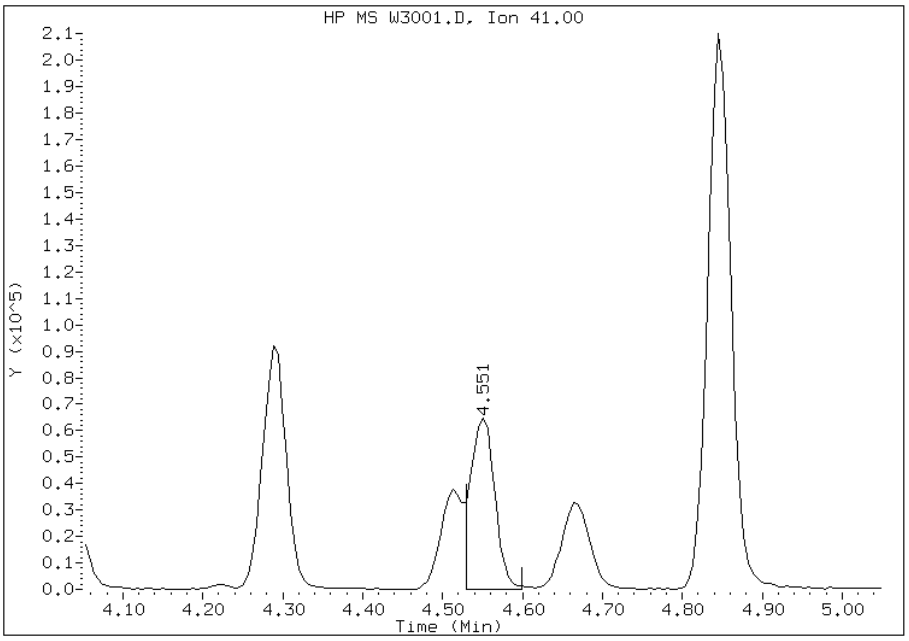
Manual Integration Results

RT: 4.55

Response: 137122

Amount: 45

Conc: 45



Manually Integrated By: barbara
Manual Integration Reason:

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W3002.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 16-FEB-2009 20:28 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092995.b\W8260LOW.M
Meth Date : 17-Feb-2009 09:45 msw.i Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	321073	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.203)	395098	100.000	90
3	Chloromethane	50	1.159	1.159	(0.234)	380376	100.000	100(A)
4	Vinyl Chloride	62	1.175	1.175	(0.237)	449922	100.000	100(A)
5	Bromomethane	94	1.367	1.367	(0.276)	222269	100.000	100(A)
6	Chloroethane	64	1.437	1.437	(0.290)	222680	100.000	100
7	Trichlorofluoromethane	101	1.512	1.512	(0.305)	410296	100.000	40(M)
8	Dichlorofluoromethane	67	1.560	1.560	(0.314)	861239	100.000	100(A)
9	Ethyl Ether	45	1.747	1.747	(0.352)	212118	100.000	99
10	Ethanol	45	1.785	1.785	(0.360)	180547	1000.00	1000(A)
11	Freon 141	81	1.785	1.785	(0.360)	859984	100.000	100(A)
12	Freon 123	67	1.913	1.913	(0.386)	101043	100.000	100(A)
13	Trichlorotrifluoroethane	101	1.892	1.892	(0.381)	425469	100.000	90
14	1,1-Dichloroethene	96	1.859	1.859	(0.375)	341431	100.000	100(A)
15	Carbon Disulfide	76	1.876	1.876	(0.378)	993389	100.000	100(A)
16	Iodomethane	142	1.961	1.961	(0.395)	387235	100.000	100(A)
17	Acrolein	56	2.116	2.116	(0.427)	212640	500.000	500(A)
18	2-Propanol	45	2.282	2.282	(0.460)	53123	100.000	100(AMH)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	504992	100.000	100(A)
20	Methylene Chloride	84	2.304	2.304	(0.464)	411788	100.000	100(A)
21	Acetone	43	2.352	2.352	(0.474)	159780	100.000	99
22	trans-1,2-Dichloroethene	96	2.432	2.432	(0.490)	419733	100.000	100(A)
23	Methyl Acetate	43	2.459	2.459	(0.496)	1726153	100.000	88

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.550	2.550	(0.514)	1637746	100.000	92
	25 tert-Butyl alcohol	59	2.662	2.662	(0.536)	308871	500.000	500(A)
	26 Acetonitrile	41	2.753	2.753	(0.555)	514270	1000.00	1000
	27 Isopropyl ether	45	2.919	2.919	(0.588)	1217140	100.000	97
	28 tert-Butyl ethyl ether	59	3.304	3.304	(0.666)	1540899	100.000	98
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	354031	100.000	100(A)
	30 Acrylonitrile	53	3.063	3.063	(0.617)	341426	200.000	180
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	767030	100.000	87
	32 Vinyl Acetate	43	3.304	3.304	(0.666)	1025446	100.000	100(A)
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.720)	499546	100.000	88
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	782056	100.000	100(A)
	35 Bromochloromethane	128	3.780	3.780	(0.762)	245500	100.000	81
	36 1-Bromopropane	43	3.759	3.759	(0.757)	553709	100.000	92
	37 Cyclohexane	84	3.775	3.775	(0.761)	590461	100.000	100(A)
	38 Chloroform	83	3.882	3.882	(0.782)	887245	100.000	86
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	113583	200.000	180
	40 Methyl Acrylate	55	4.042	4.042	(0.815)	443658	100.000	100(A)
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	500421	100.000	88
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	309879	200.000	200
	43 Carbon Tetrachloride	117	4.005	4.005	(0.807)	789143	100.000	100(A)
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.822)	900034	100.000	90
	45 2-Butanone	43	4.224	4.224	(0.851)	208493	100.000	91(H)
	46 1,1-Dichloropropene	75	4.219	4.219	(0.850)	656066	100.000	98
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.941)	1536295	100.000	100(A)
	48 tert-Butyl formate	57	4.845	4.845	(0.976)	144646	100.000	100
	49 1-Chlorobutane	56	4.288	4.288	(0.864)	887983	100.000	98
	50 Heptane	43	4.508	4.508	(0.908)	294079	100.000	100(A)
	51 Propionitrile	54	4.529	4.529	(0.913)	696643	1000.00	920
	52 Benzene	78	4.486	4.486	(0.904)	1771725	100.000	92
	53 2-Methyl-2-Propenenitrile	41	4.550	4.550	(0.917)	308300	100.000	92(M)
	54 Isobutyl alcohol	42	4.673	4.673	(0.942)	67337	1000.00	980
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.935)	635405	100.000	82
	56 1,2-Dichloroethane	62	4.716	4.716	(0.950)	810528	100.000	85(H)
	57 2,4,4-Trimethyl 1-Pentene	57	1.747	1.747	(0.352)	4096	100.000	100
	58 2,4,4-Trimethyl 2-Pentene	55	1.715	1.715	(0.346)	246	100.000	100(M)
	59 Methyl Cyclohexane	83	5.134	5.134	(1.034)	614848	100.000	100(A)
	60 Trichloroethene	130	5.160	5.160	(1.040)	555408	100.000	91
	61 Isopropyl Acetate	43	5.134	5.134	(1.034)	27805	200.000	220(AM)
	62 n-Butanol	56	5.658	5.658	(1.140)	115450	1000.00	1000(A)
	63 Dibromomethane	93	5.615	5.615	(1.132)	336982	100.000	92
	64 1,2-Dichloropropane	63	5.738	5.738	(1.156)	428234	100.000	92
	65 Bromodichloromethane	83	5.840	5.840	(1.177)	727000	100.000	91
	66 Methyl Methacrylate	69	6.086	6.086	(1.226)	438000	100.000	100(A)
	67 1,4-Dioxane	58	6.086	6.086	(1.226)	40449	1000.00	1200(A)
	68 n-Propyl Acetate	43	6.567	6.567	(1.323)	139571	200.000	200(A)
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.323)	213437	100.000	100(A)
	70 cis-1,3-Dichloropropene	75	6.594	6.594	(1.329)	831668	100.000	100(A)
	71 Chloroacetonitrile	48	7.081	7.081	(1.427)	155818	1000.00	990
	72 2-Nitropropane	41	7.145	7.145	(1.440)	383869	200.000	200(A)
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.492)	869636	100.000	100(A)
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.528)	465263	100.000	94
*	75 Chlorobenzene-d5	117	8.712	8.712	(1.000)	331680	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	2081899	100.000	99
$	77 Toluene-d8	98	6.813	6.813	(0.782)	1780700	100.000	96

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
78	1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	1382691	500.000	520(A)
79	4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	440068	100.000	110(A)
80	Tetrachloroethene	164	7.327	7.327	(0.841)	447487	100.000	94
81	Ethyl Methacrylate	69	7.675	7.675	(0.881)	579137	100.000	100
82	Dibromochloromethane	129	7.787	7.787	(0.894)	635836	100.000	97
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	817895	100.000	96
84	1,2-Dibromoethane	107	8.033	8.033	(0.922)	520265	100.000	99
85	n-Butyl Acetate	56	8.782	8.782	(1.008)	215160	100.000	100(AM)
86	2-Hexanone	43	8.434	8.434	(0.968)	318141	100.000	100
87	1-Chlorohexane	91	8.793	8.793	(1.009)	580359	100.000	110(AM)
88	Chlorobenzene	112	8.734	8.734	(1.002)	1428969	100.000	93
89	1,1,1,2-Tetrachloroethane	131	8.841	8.841	(1.015)	579480	100.000	96
90	Ethylbenzene	106	8.814	8.814	(1.012)	741378	100.000	100
91	Xylene (total)mp	106	9.017	9.017	(1.035)	1812803	200.000	210(A)
92	Xylene (total)o	106	9.520	9.520	(1.093)	874021	100.000	110(A)
93	Styrene	104	9.579	9.579	(1.099)	1495654	100.000	100(A)
94	Bromoform	173	9.568	9.568	(1.098)	471898	100.000	100(A)
* 95	1,4-Dichlorobenzene-d4	152	11.125	11.125	(1.000)	208817	25.0000	
96	Isopropylbenzene	105	9.873	9.873	(0.887)	2120072	100.000	100(A)
97	Bromobenzene	156	10.205	10.205	(0.917)	667169	100.000	91
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.931)	574788	100.000	93
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	2202243	100.000	100(A)
100	1,2,3-Trichloropropane	110	10.456	10.456	(0.940)	230673	100.000	88
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.945)	408045	200.000	200
102	n-Propylbenzene	91	10.285	10.285	(0.925)	2360150	100.000	100(A)
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	1827343	100.000	96
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	1704133	100.000	96
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.942)	1863530	100.000	100(A)
106	tert-Butylbenzene	119	10.756	10.756	(0.967)	1536313	100.000	110(A)
107	1,2,4-Trimethylbenzene	105	10.820	10.820	(0.973)	1920910	100.000	100(A)
108	sec-Butylbenzene	105	10.911	10.911	(0.981)	1982341	100.000	100(A)
109	4-Isopropyltoluene	119	11.045	11.045	(0.993)	1873559	100.000	100(A)
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	1141920	100.000	94
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	1186749	100.000	92
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	1164505	100.000	95
113	Benzyl Chloride	126	11.350	11.350	(1.020)	311166	100.000	100
114	1,4-Diethylbenzene	119	11.339	11.339	(1.019)	1018879	100.000	100(A)
115	n-Butylbenzene	91	11.382	11.382	(1.023)	1493761	100.000	100(A)
118	1,2,4,5-Tetramethylbenzene	119	11.960	11.960	(1.075)	1970679	100.000	100(A)
119	1,2-Dibromo-3-chloropropane	75	12.083	12.083	(1.086)	168240	100.000	110(A)
120	Nitrobenzene	77	12.484	12.484	(1.122)	663690	1000.00	1000
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.130)	885416	100.000	100(A)
122	Hexachlorobutadiene	225	12.575	12.575	(1.130)	429408	100.000	100(A)
123	Naphthalene	128	12.805	12.805	(1.151)	2266070	100.000	100(A)
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	836338	100.000	100(A)
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.910)	737720	100.000	91
M 126	1,2-Dichloroethene (total)	100				919279	200.000	190
M 127	Xylene (total)	100				2686824	300.000	310

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

QC Flag Legend

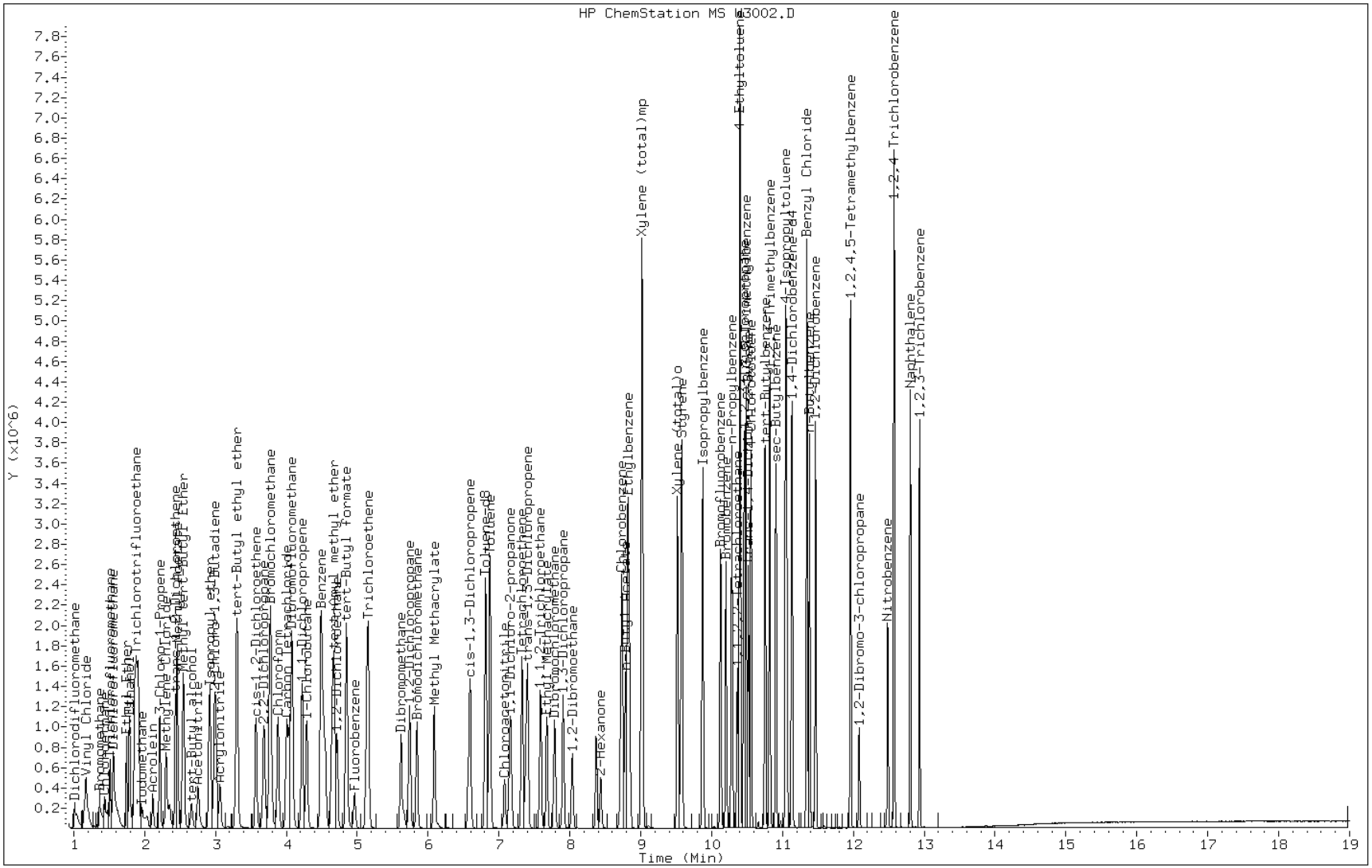
H - Operator selected an alternate compound hit.

Data File: W3002.D

Date: 16-FEB-2009 20:28

Client ID: IC;100 Instrument: msw.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3002.D
Inj. Date and Time: 16-FEB-2009 20:28
Instrument ID: msw.i
Client ID: IC;100
Compound: 7 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 02/17/2009

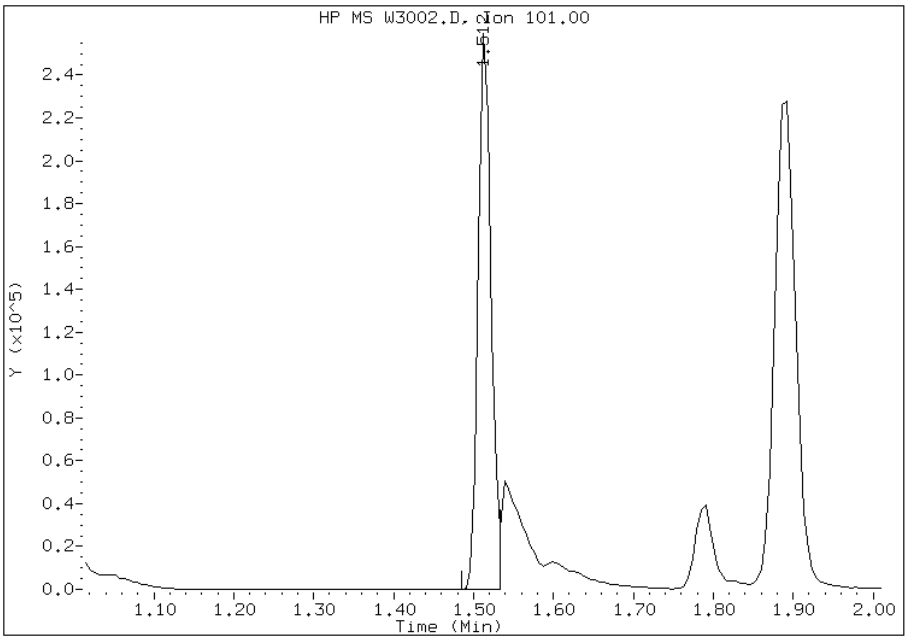
Processing Integration Results

RT: 1.51

Response: 291575

Amount: 29

Conc: 29



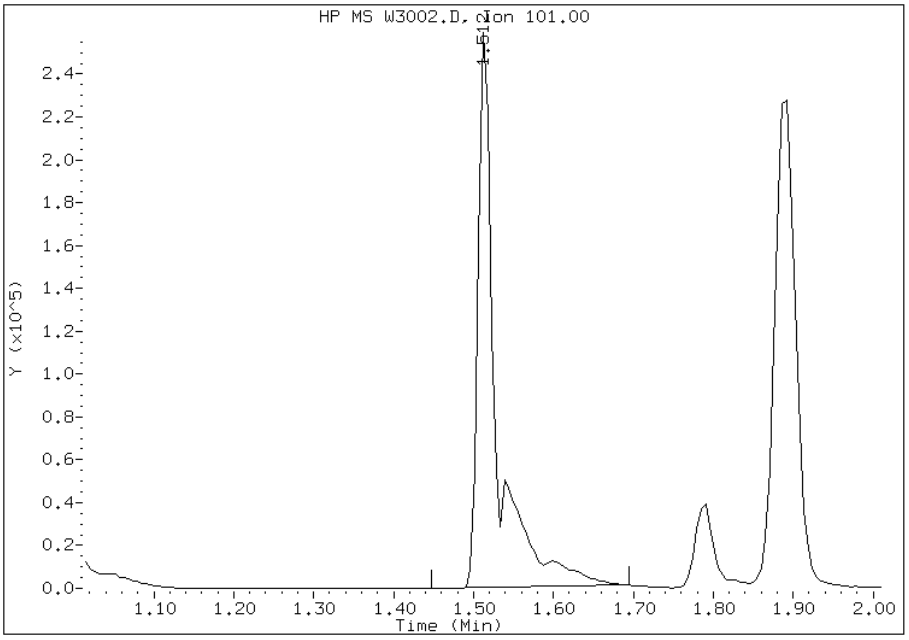
Manual Integration Results

RT: 1.51

Response: 410296

Amount: 40

Conc: 40



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3002.D
Inj. Date and Time: 16-FEB-2009 20:28
Instrument ID: msw.i
Client ID: IC;100
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 02/17/2009

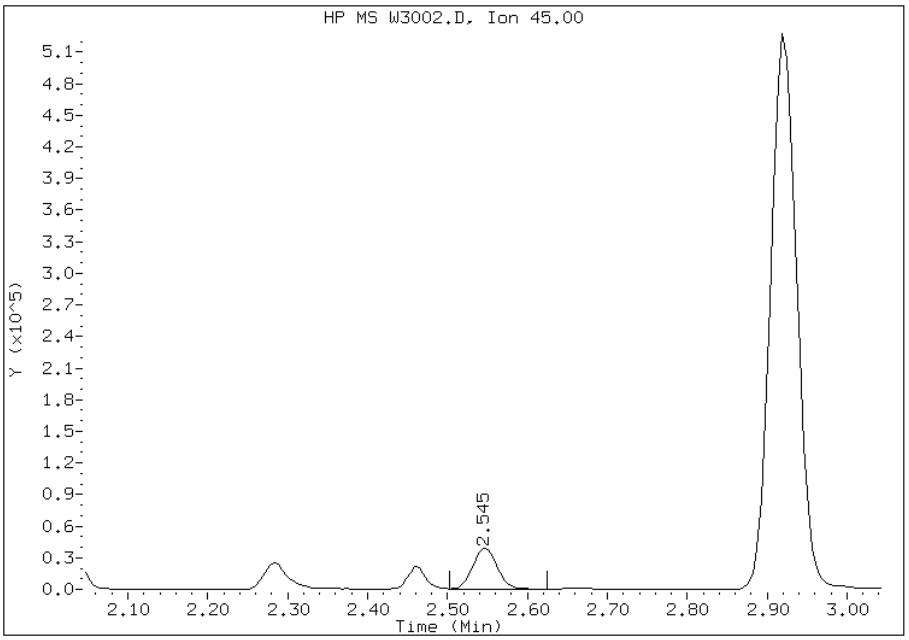
Processing Integration Results

RT: 2.54

Response: 83014

Amount: 99

Conc: 99



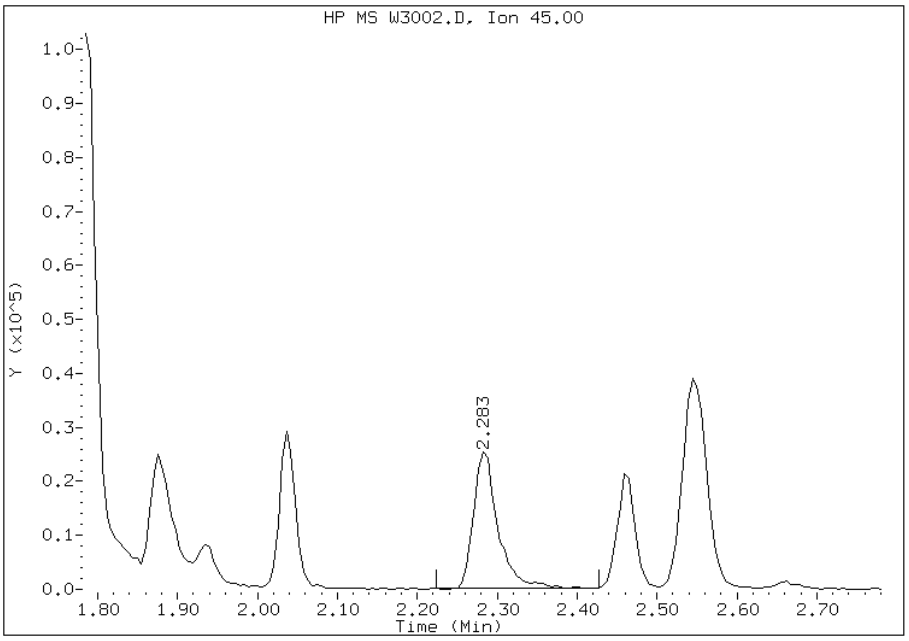
Manual Integration Results

RT: 2.28

Response: 53123

Amount: 101

Conc: 101



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3002.D
Inj. Date and Time: 16-FEB-2009 20:28
Instrument ID: msw.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/17/2009

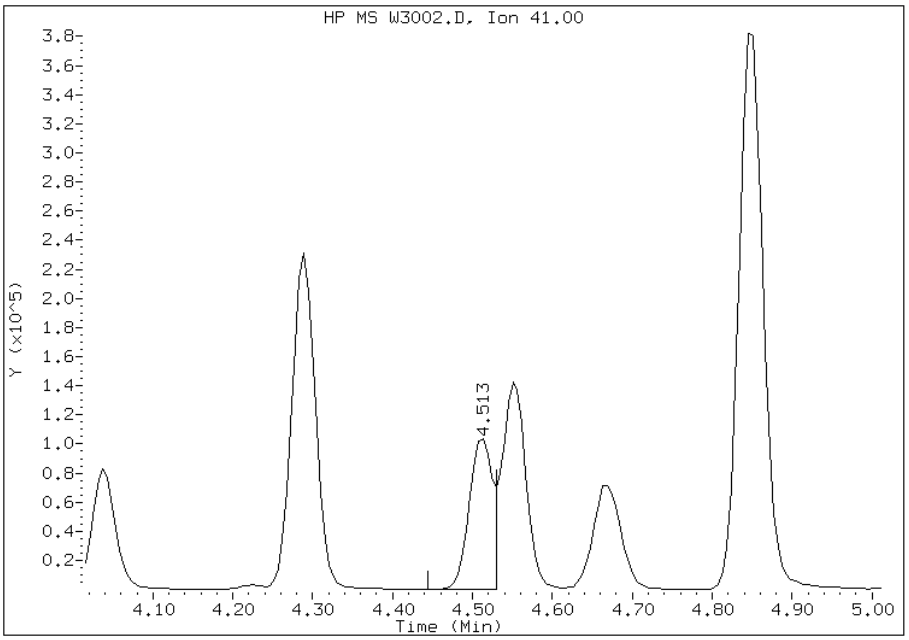
Processing Integration Results

RT: 4.51

Response: 217357

Amount: 76

Conc: 76



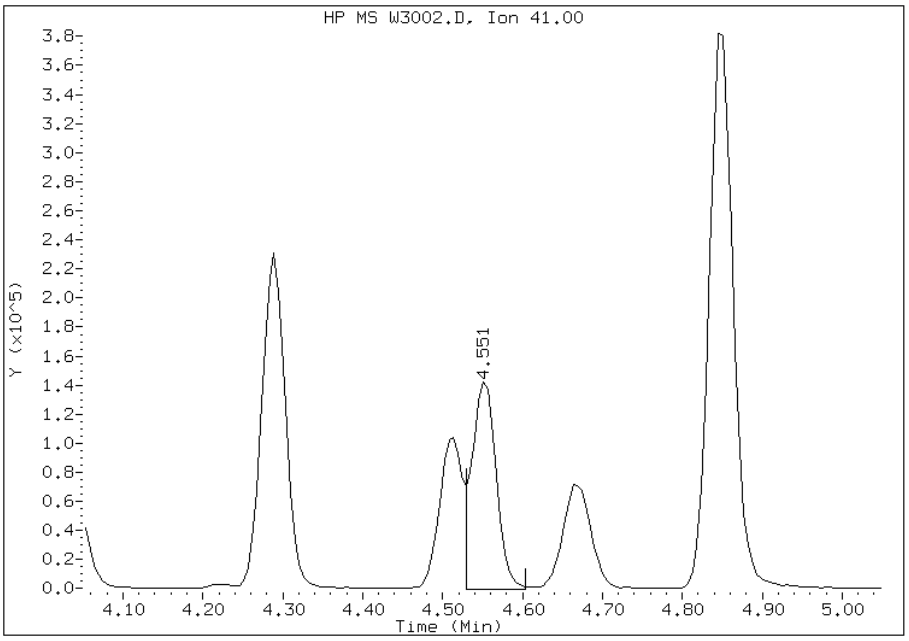
Manual Integration Results

RT: 4.55

Response: 308300

Amount: 92

Conc: 92



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3002.D
Inj. Date and Time: 16-FEB-2009 20:28
Instrument ID: msw.i
Client ID: IC;100
Compound: 61 Isopropyl Acetate
CAS #: 108-21-4
Report Date: 02/17/2009

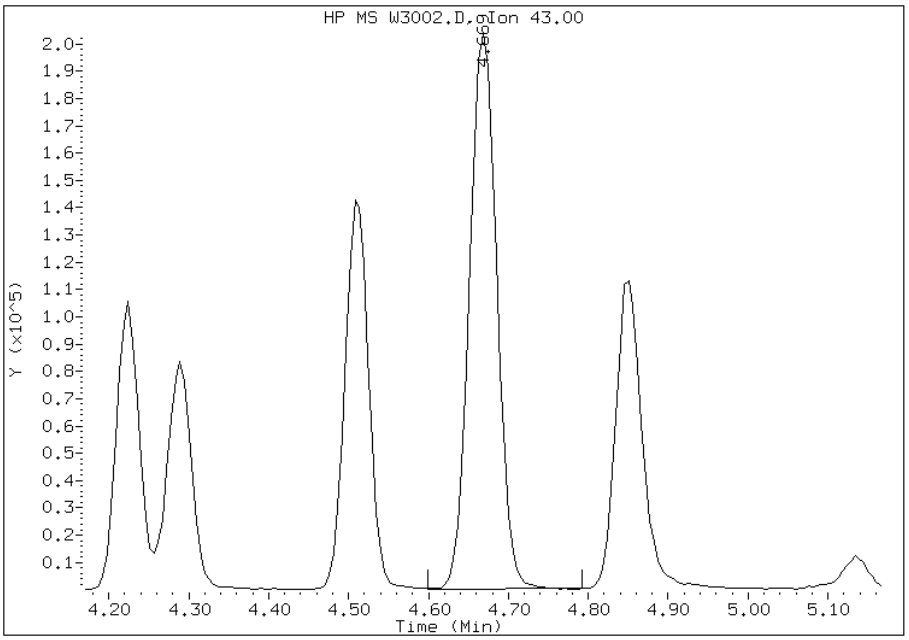
Processing Integration Results

RT: 4.67

Response: 484699

Amount: 200

Conc: 200



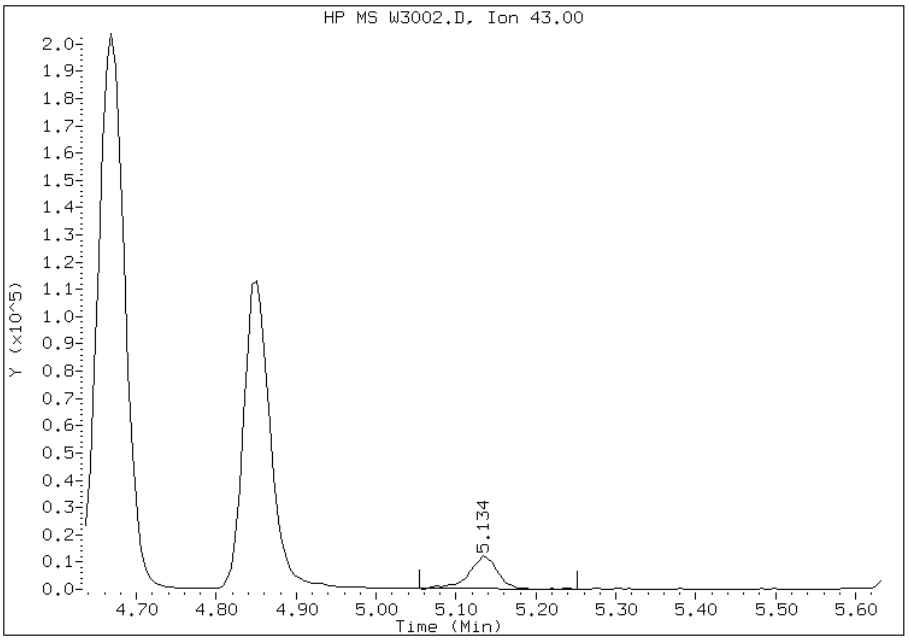
Manual Integration Results

RT: 5.13

Response: 27805

Amount: 224

Conc: 224



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3002.D
Inj. Date and Time: 16-FEB-2009 20:28
Instrument ID: msw.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/17/2009

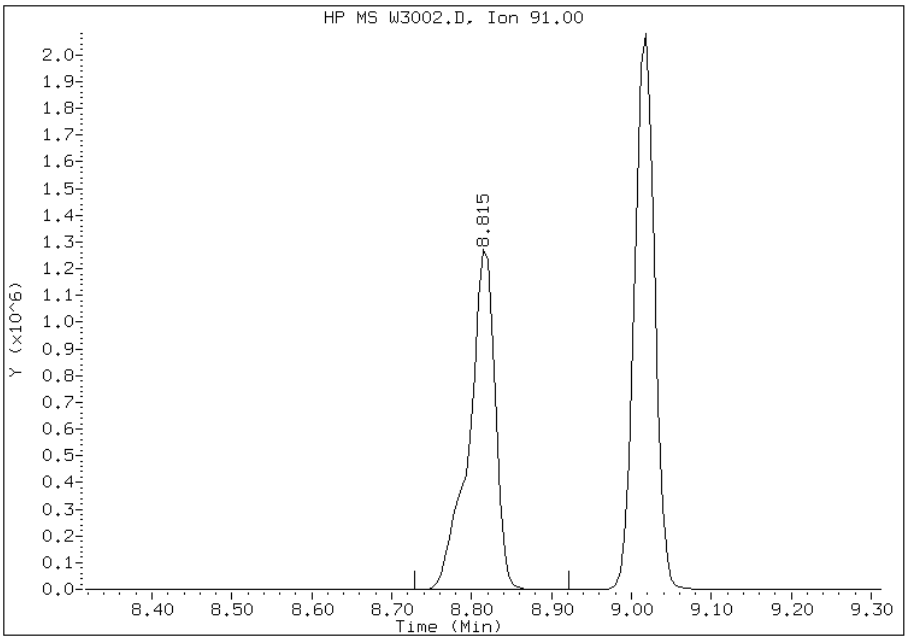
Processing Integration Results

RT: 8.81

Response: 2876939

Amount: 101

Conc: 101



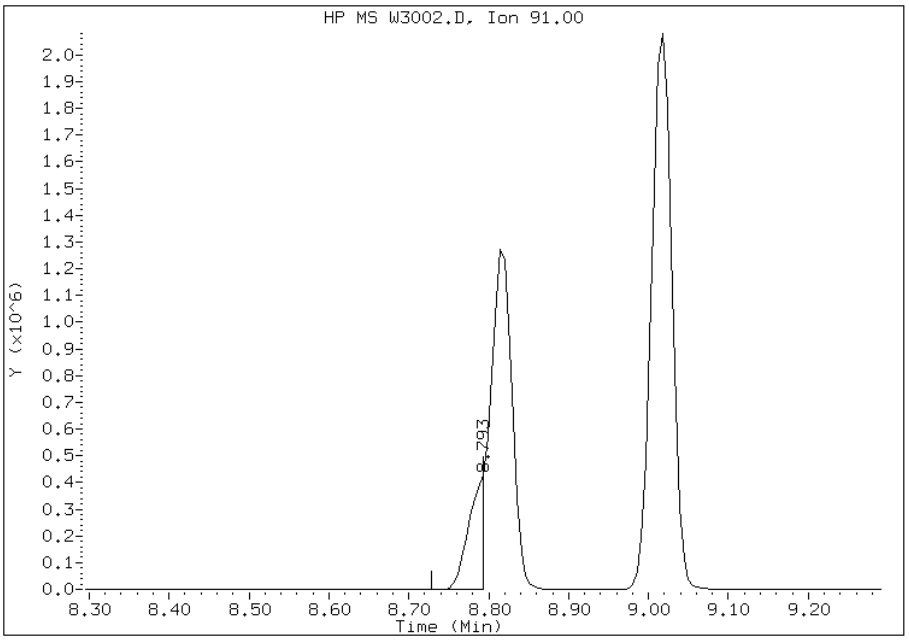
Manual Integration Results

RT: 8.79

Response: 580359

Amount: 107

Conc: 107



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3002.D
Inj. Date and Time: 16-FEB-2009 20:28
Instrument ID: msw.i
Client ID: IC;100
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/17/2009

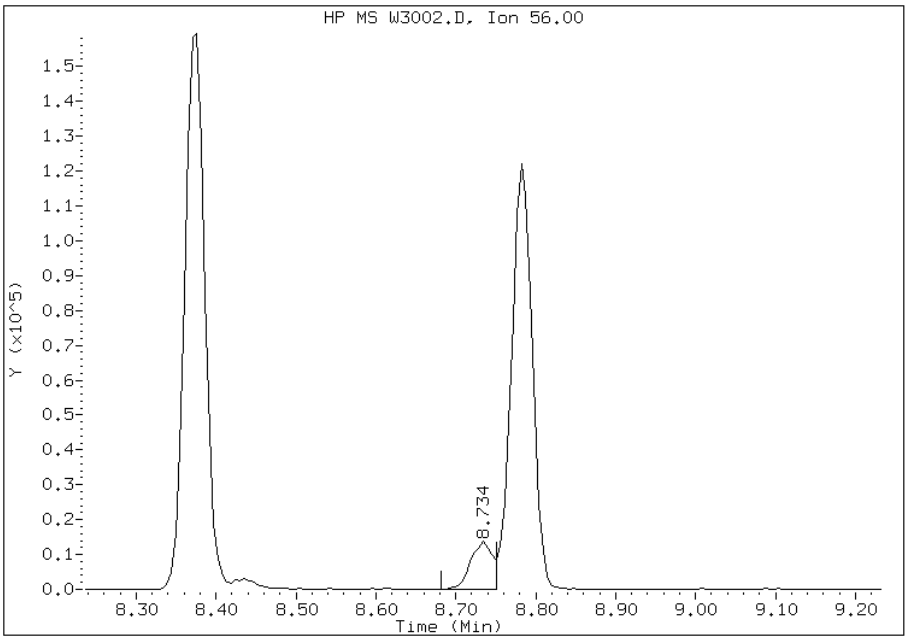
Processing Integration Results

RT: 8.73

Response: 26531

Amount: 100

Conc: 100



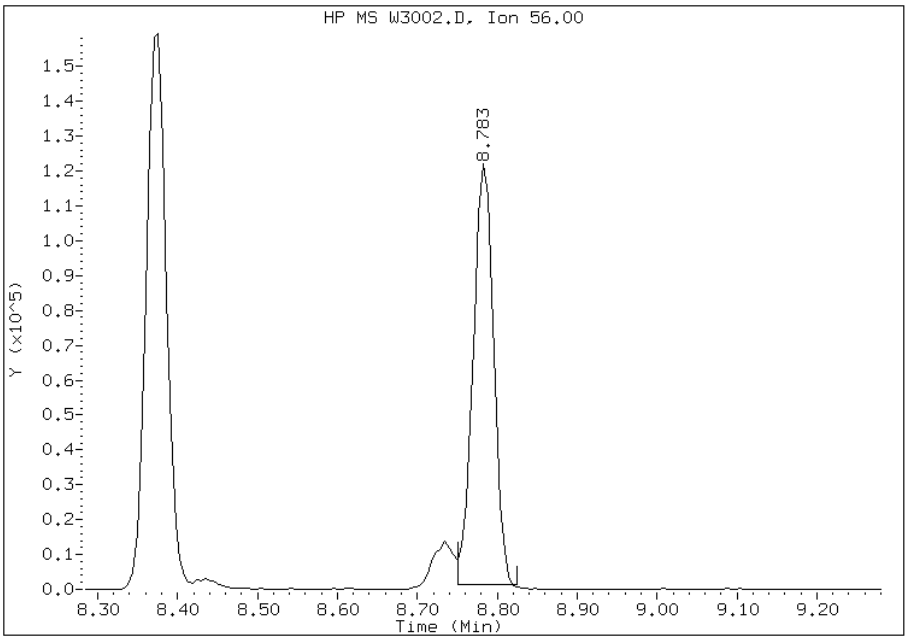
Manual Integration Results

RT: 8.78

Response: 215160

Amount: 101

Conc: 101



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24589/1 Calibration Date: 02/23/2009 11:14

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V1950.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Ave	0.0893	0.1677		38.0	20.0	87.8*	30.0
Chloromethane	Lin	0.1731	0.1831	0.1000	23.0	20.0	15.7	30.0
Vinyl chloride	Ave	0.1730	0.1905		22.0	20.0	10.1	20.0
Bromomethane	Ave	0.0601	0.1057		35.0	20.0	75.8*	30.0
Chloroethane	Qua	0.0863	0.1107		27.0	20.0	33.6*	30.0
Trichlorofluoromethane	Qua	0.2219	0.2885		24.0	20.0	21.1	30.0
Dichlorofluoromethane	Ave	0.2900	0.3189		22.0	20.0	10.0	30.0
Ethyl ether	Ave	0.1282	0.1355		21.0	20.0	5.7	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.2704	0.3139		23.0	20.0	16.1	30.0
Ethanol	Qua	0.0065	0.0077		200	200	-1.1	30.0
1,1-Dichloroethene	Ave	0.1660	0.1489		18.0	20.0	-10.3	20.0
Carbon disulfide	Ave	0.5373	0.4860		18.0	20.0	-9.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1767	0.1644		19.0	20.0	-6.9	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0419	0.0406		19.0	20.0	-3.2	30.0
Iodomethane	Lin	0.1378	0.1591		21.0	20.0	2.9	30.0
Acrolein	Ave	0.0319	0.0354		110	100	11.1	30.0
3-Chloro-1-propene	Ave	0.2908	0.2799		19.0	20.0	-3.8	30.0
Isopropyl alcohol	Lin	0.0261	0.0293		23.0	20.0	15.5	30.0
Methylene Chloride	Ave	0.2133	0.2024		19.0	20.0	-5.1	30.0
Acetone	Lin	0.0883	0.1011		29.0	20.0	47.0*	30.0
trans-1,2-Dichloroethene	Ave	0.2078	0.1826		18.0	20.0	-12.1	30.0
Methyl acetate	Ave	0.8497	0.9560		23.0	20.0	12.5	30.0
Methyl tert-butyl ether	Ave	0.6112	0.6995		23.0	20.0	14.4	30.0
2-Methyl-2-propanol	Lin	0.0254	0.0260		110	100	9.3	30.0
Acetonitrile	Ave	0.0284	0.0310		220	200	8.9	30.0
Isopropyl ether	Ave	0.6594	0.6670		20.0	20.0	1.1	30.0
2-Chloro-1,3-butadiene	Ave	0.1598	0.1365		17.0	20.0	-14.6	30.0
1,1-Dichloroethane	Ave	0.3506	0.3458	0.1000	20.0	20.0	-1.4	30.0
Acrylonitrile	Ave	0.0772	0.0842		44.0	40.0	9.0	30.0
Tert-butyl ethyl ether	Ave	0.6129	0.6726		22.0	20.0	9.7	30.0
Vinyl acetate	Ave	0.4150	0.4866		23.0	20.0	17.2	30.0
cis-1,2-Dichloroethene	Ave	0.2343	0.2199		19.0	20.0	-6.1	30.0
2,2-Dichloropropane	Lin	0.1990	0.2476		22.0	20.0	8.9	30.0
1-Bromopropane	Ave	0.3067	0.2862		19.0	20.0	-6.7	30.0
Chlorobromomethane	Ave	0.1171	0.1209		21.0	20.0	3.2	30.0
Cyclohexane	Ave	0.2788	0.2341		17.0	20.0	-16.0	30.0
Chloroform	Ave	0.3478	0.3661		21.0	20.0	5.3	20.0
Carbon tetrachloride	Ave	0.2275	0.2662		23.0	20.0	17.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24589/1 Calibration Date: 02/23/2009 11:14

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V1950.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Tetrahydrofuran	Ave	0.0758	0.0792		42.0	40.0	4.4	30.0
Ethyl acetate	Ave	0.0250	0.0278		44.0	40.0	11.1	30.0
Methyl acrylate	Ave	0.1826	0.1926		21.0	20.0	5.5	30.0
1,1,1-Trichloroethane	Ave	0.2842	0.3161		22.0	20.0	11.2	30.0
1,1-Dichloropropene	Ave	0.2667	0.2454		18.0	20.0	-8.0	30.0
2-Butanone (MEK)	Ave	0.0882	0.1009		23.0	20.0	14.4	30.0
1-Chlorobutane	Ave	0.4079	0.3771		18.0	20.0	-7.5	30.0
Benzene	Ave	0.8302	0.7413		18.0	20.0	-10.7	30.0
n-Heptane	Ave	0.1855	0.1617		17.0	20.0	-12.9	30.0
Propionitrile	Ave	0.0324	0.0333		210	200	2.7	30.0
Methacrylonitrile	Ave	0.1431	0.1533		21.0	20.0	7.1	30.0
Tert-amyl methyl ether	Ave	0.5712	0.6145		22.0	20.0	7.6	30.0
Isobutyl alcohol	Lin	0.0029	0.0032		250	200	25.9	30.0
1,2-Dichloroethane	Ave	0.2543	0.3196		25.0	20.0	25.6	30.0
tert-Butyl Formate	Qua	0.0233	0.0214		20.0	20.0	0.4	30.0
Isopropyl acetate	Lin	0.0080	0.0071		37.0	40.0	-8.1	30.0
Methylcyclohexane	Ave	0.2737	0.2283		17.0	20.0	-16.6	30.0
Trichloroethene	Ave	0.2346	0.2140		18.0	20.0	-8.8	30.0
Dibromomethane	Ave	0.1255	0.1336		21.0	20.0	6.5	30.0
n-Butanol	Ave	0.0051	0.0047		180	200	-9.2	30.0
1,2-Dichloropropane	Ave	0.2066	0.1894		18.0	20.0	-8.3	20.0
Dichlorobromomethane	Ave	0.2579	0.2902		23.0	20.0	12.5	30.0
1,4-Dioxane	Ave	0.0015	0.0017		220	200	11.3	30.0
Methyl methacrylate	Ave	0.1651	0.1646		20.0	20.0	-0.3	30.0
2-Chloroethyl vinyl ether	Ave	0.0693	0.0628		18.0	20.0	-9.4	30.0
n-Propyl acetate	Ave	0.0236	0.0228		39.0	40.0	-3.4	30.0
cis-1,3-Dichloropropene	Ave	0.3160	0.3275		21.0	20.0	3.7	30.0
Toluene	Ave	1.142	1.040		18.0	20.0	-8.9	20.0
Chloroacetonitrile	Ave	0.0067	0.0072		210	200	7.3	30.0
2-Nitropropane	Ave	0.0539	0.0754		56.0	40.0	39.9*	30.0
1,1-Dichloroacetone	Ave	0.1292	0.1613		120	100	24.9	30.0
Tetrachloroethene	Ave	0.2455	0.2263		18.0	20.0	-7.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2351	0.2495		21.0	20.0	6.1	30.0
trans-1,3-Dichloropropene	Ave	0.2820	0.3218		23.0	20.0	14.1	30.0
1,1,2-Trichloroethane	Ave	0.1857	0.1909		21.0	20.0	2.8	30.0
Ethyl methacrylate	Ave	0.2740	0.2819		21.0	20.0	2.9	30.0
Chlorodibromomethane	Ave	0.2820	0.3155		22.0	20.0	11.9	30.0
1,3-Dichloropropane	Ave	0.4329	0.4444		21.0	20.0	2.7	30.0
Ethylene Dibromide	Ave	0.2519	0.2611		21.0	20.0	3.7	30.0
2-Hexanone	Ave	0.1638	0.1835		22.0	20.0	12.0	30.0
Chlorobenzene	Ave	0.7695	0.7292	0.3000	19.0	20.0	-5.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24589/1 Calibration Date: 02/23/2009 11:14

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V1950.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Ave	0.1294	0.1156		18.0	20.0	-10.7	30.0
1-Chlorohexane	Ave	0.3181	0.2713		17.0	20.0	-14.7	30.0
Ethylbenzene	Ave	0.3946	0.3630		18.0	20.0	-8.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2645	0.2892		22.0	20.0	9.3	30.0
m-Xylene & p-Xylene	Ave	0.4785	0.4457		37.0	40.0	-6.9	30.0
o-Xylene	Ave	0.4626	0.4322		19.0	20.0	-6.6	30.0
Bromoform	Ave	0.1929	0.2296	0.1000	24.0	20.0	19.0	30.0
Styrene	Ave	0.7356	0.7312		20.0	20.0	-0.6	30.0
Isopropylbenzene	Ave	1.899	1.687		18.0	20.0	-11.2	30.0
Bromobenzene	Ave	0.6296	0.5942		19.0	20.0	-5.6	30.0
N-Propylbenzene	Ave	2.114	1.897		18.0	20.0	-10.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5322	0.5067	0.3000	19.0	20.0	-4.8	30.0
2-Chlorotoluene	Ave	1.559	1.482		19.0	20.0	-5.0	30.0
4-Ethyltoluene	Ave	1.917	1.772		18.0	20.0	-7.5	30.0
1,2,3-Trichloropropane	Ave	0.1840	0.1979		22.0	20.0	7.5	30.0
1,3,5-Trimethylbenzene	Ave	1.532	1.459		19.0	20.0	-4.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1381	0.1662		48.0	40.0	20.3	30.0
4-Chlorotoluene	Ave	1.464	1.403		19.0	20.0	-4.2	30.0
tert-Butylbenzene	Ave	1.318	1.200		18.0	20.0	-8.9	30.0
1,2,4-Trimethylbenzene	Ave	1.549	1.495		19.0	20.0	-3.5	30.0
sec-Butylbenzene	Ave	1.768	1.569		18.0	20.0	-11.3	30.0
4-Isopropyltoluene	Ave	1.567	1.448		18.0	20.0	-7.6	30.0
1,3-Dichlorobenzene	Ave	1.064	0.9964		19.0	20.0	-6.4	30.0
1,4-Dichlorobenzene	Ave	1.116	1.047		19.0	20.0	-6.2	30.0
Benzyl chloride	Ave	0.2523	0.2597		21.0	20.0	2.9	30.0
p-Diethylbenzene	Ave	0.8633	0.7866		18.0	20.0	-8.9	30.0
n-Butylbenzene	Ave	1.319	1.235		19.0	20.0	-6.3	30.0
1,2-Dichlorobenzene	Ave	1.067	1.020		19.0	20.0	-4.5	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.541	1.506		20.0	20.0	-2.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1112	0.1313		24.0	20.0	18.0	30.0
Nitrobenzene	Lin	0.0481	0.0517		190	200	-3.8	30.0
Hexachlorobutadiene	Ave	0.3926	0.3610		18.0	20.0	-8.0	30.0
1,2,4-Trichlorobenzene	Ave	0.8077	0.7952		20.0	20.0	-1.5	30.0
Naphthalene	Ave	2.158	2.143		20.0	20.0	-0.7	30.0
1,2,3-Trichlorobenzene	Ave	0.8004	0.7968		20.0	20.0	-0.4	30.0
Dibromofluoromethane	Ave	0.2038	0.2304		28.0	25.0	13.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2168	0.2798		32.0	25.0	29.1	30.0
Toluene-d8 (Surr)	Ave	1.001	1.047		26.0	25.0	4.6	30.0
4-Bromofluorobenzene	Ave	0.6352	0.6290		25.0	25.0	-1.0	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1950.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 23-FEB-2009 11:14 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 23-Feb-2009 11:36 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.717	4.717	(1.000)	868630	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	116562	37.5497	38
3	Chloromethane	50	1.071	1.071	(0.227)	127213	23.1387	23
4	Vinyl Chloride	62	1.093	1.093	(0.232)	132401	22.0293	22
5	Bromomethane	94	1.274	1.274	(0.270)	73428	35.1625	35
6	Chloroethane	64	1.344	1.344	(0.285)	76917	26.7183	27
7	Trichlorofluoromethane	101	1.424	1.424	(0.302)	200451	24.2103	24
8	Dichlorofluoromethane	67	1.461	1.461	(0.310)	221587	21.9950	22
9	Ethyl Ether	45	1.616	1.616	(0.343)	94165	21.1464	21
10	Ethanol	45	1.669	1.669	(0.354)	53423	197.839	200
11	Freon 141	81	1.669	1.669	(0.354)	218104	23.2117	23
12	Freon 123	67	1.776	1.776	(0.377)	28180	19.3550	19
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	114260	18.6159	19
14	1,1-Dichloroethene	96	1.739	1.739	(0.369)	103461	17.9331	18
15	Carbon Disulfide	76	1.755	1.755	(0.372)	337697	18.0899	18
16	Iodomethane	142	1.829	1.829	(0.388)	110540	20.5834	20
17	Acrolein	56	1.963	1.963	(0.416)	123115	111.149	110
18	2-Propanol	45	2.096	2.096	(0.444)	20328	23.0954	23
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	194471	19.2470	19
20	Methylene Chloride	84	2.139	2.139	(0.454)	140613	18.9710	19
21	Acetone	43	2.176	2.176	(0.461)	70239	29.4040	29
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	126876	17.5705	18
23	Methyl Acetate	43	2.283	2.283	(0.484)	664301	22.5016	22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.358	2.358	(0.500)	486102	22.8901	23
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	90392	109.276	110
	26 Acetonitrile	41	2.550	2.550	(0.541)	215124	217.683	220
	27 Isopropyl ether	45	2.705	2.705	(0.573)	463478	20.2295	20
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	467361	21.9453	22
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	94857	17.0859	17
	30 Acrylonitrile	53	2.838	2.838	(0.602)	116956	43.5956	44
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	240295	19.7283	20
	32 Vinyl Acetate	43	3.073	3.073	(0.652)	338132	23.4480	23
	33 cis-1,2-Dichloroethene	96	3.340	3.340	(0.708)	152817	18.7705	19
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	172082	21.7880	22
	35 Bromochloromethane	128	3.542	3.542	(0.751)	84002	20.6389	21
	36 1-Bromopropane	43	3.526	3.526	(0.748)	198848	18.6581	19
	37 Cyclohexane	84	3.542	3.542	(0.751)	162690	16.7935	17
	38 Chloroform	83	3.644	3.644	(0.773)	254413	21.0516	21
	39 Ethyl Acetate	43	3.804	3.804	(0.807)	38614	44.4589	44
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	133832	21.0951	21
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	200107	28.2566	28
	42 Tetrahydrofuran	42	3.793	3.793	(0.804)	110023	41.7585	42
	43 Carbon Tetrachloride	117	3.767	3.767	(0.799)	184984	23.4032	23
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	219657	22.2466	22
	45 2-Butanone	43	3.980	3.980	(0.844)	70097	22.8758	23
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	170542	18.4039	18
	47 tert-Amyl methyl ether	73	4.423	4.423	(0.938)	427021	21.5176	22
	48 tert-Butyl formate	57	4.599	4.599	(0.975)	14861	20.0727	20
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	262045	18.4904	18
	50 Heptane	43	4.268	4.268	(0.905)	112337	17.4254	17
	51 Propionitrile	54	4.279	4.279	(0.907)	231380	205.353	200
	52 Benzene	78	4.247	4.247	(0.900)	515153	17.8583	18
	53 2-Methyl-2-Propenenitrile	41	4.306	4.423	(0.913)	106534	21.4210	21(MH)
	54 Isobutyl alcohol	42	4.428	4.428	(0.939)	22008	251.849	250
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	243042	32.2673	32(R)
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	222068	25.1289	25
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	158664	16.6870	17
	60 Trichloroethene	130	4.909	4.909	(1.041)	148696	18.2426	18
	61 Isopropyl Acetate	43	4.887	4.887	(1.036)	9841	36.7577	37
	62 n-Butanol	56	5.410	5.410	(1.147)	32464	181.643	180
	63 Dibromomethane	93	5.368	5.368	(1.138)	92870	21.3040	21
	64 1,2-Dichloropropane	63	5.490	5.490	(1.164)	131637	18.3412	18
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	201641	22.5020	22
	66 Methyl Methacrylate	69	5.843	5.843	(1.239)	114410	19.9395	20
	67 1,4-Dioxane	58	5.832	5.832	(1.236)	11760	222.963	220
	68 n-Propyl Acetate	43	6.323	6.323	(1.341)	31673	38.6454	39
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.341)	43611	18.1114	18
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	227587	20.7316	21
	71 Chloroacetonitrile	48	6.835	6.835	(1.449)	49783	214.797	210
	72 2-Nitropropane	41	6.894	6.894	(1.462)	104771	55.9518	56
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.517)	223589	22.8186	23
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	132621	20.5561	20
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	653620	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	543691	18.2155	18
$	77 Toluene-d8	98	6.563	6.563	(0.776)	684270	26.1464	26
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	421750	124.881	120
	79 4-Methyl-2-Pentanone	43	7.129	7.129	(0.843)	130452	21.2233	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
80	Tetrachloroethene	164	7.075	7.075	(0.837)	118343	18.4384	18
81	Ethyl Methacrylate	69	7.433	7.433	(0.879)	147412	20.5784	20
82	Dibromochloromethane	129	7.534	7.534	(0.891)	164985	22.3806	22
83	1,3-Dichloropropane	76	7.652	7.652	(0.905)	232356	20.5310	20
84	1,2-Dibromoethane	107	7.775	7.775	(0.919)	136541	20.7312	21
85	n-Butyl Acetate	56	8.538	8.474	(1.009)	60419	17.8532	18(H)
86	2-Hexanone	43	8.191	8.191	(0.968)	95940	22.4082	22
87	1-Chlorohexane	91	8.543	8.564	(1.010)	141855	17.0572	17(M)
88	Chlorobenzene	112	8.479	8.479	(1.003)	381271	18.9525	19
89	1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	151233	21.8669	22
90	Ethylbenzene	106	8.564	8.564	(1.013)	189827	18.3997	18
91	Xylene (total)mp	106	8.767	8.767	(1.037)	466075	37.2534	37
92	Xylene (total)o	106	9.296	9.296	(1.099)	225996	18.6873	19
93	Styrene	104	9.365	9.365	(1.107)	382348	19.8808	20
94	Bromoform	173	9.344	9.344	(1.105)	120048	23.8080	24
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	377123	25.0000	
96	Isopropylbenzene	105	9.675	9.675	(0.883)	509007	17.7652	18
97	Bromobenzene	156	10.011	10.011	(0.914)	179274	18.8769	19
98	1,1,2,2-Tetrachloroethane	83	10.182	10.182	(0.929)	152864	19.0398	19
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	534690	18.4900	18
100	1,2,3-Trichloropropane	110	10.272	10.272	(0.938)	59706	21.5089	22
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	100267	48.1379	48
102	n-Propylbenzene	91	10.101	10.101	(0.922)	572238	17.9428	18
103	2-Chlorotoluene	91	10.214	10.214	(0.932)	447126	19.0084	19
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	423325	19.1623	19
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	440038	19.0398	19
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	362167	18.2116	18
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	451155	19.3035	19
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	473266	17.7453	18
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	436989	18.4846	18
110	1,3-Dichlorobenzene	146	10.886	10.886	(0.994)	300608	18.7243	19
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	316007	18.7634	19
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	307673	19.1075	19
113	Benzyl Chloride	126	11.185	11.185	(1.021)	78337	20.5860	20
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	237305	18.2218	18
115	n-Butylbenzene	91	11.222	11.222	(1.024)	372738	18.7375	19
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	454365	19.5517	20
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	39600	23.6063	24
120	Nitrobenzene	77	12.332	12.332	(1.126)	155863	192.417	190
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	239921	19.6917	20
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	108910	18.3909	18
123	Naphthalene	128	12.652	12.652	(1.155)	646418	19.8582	20
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	240380	19.9101	20
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	237191	24.7559	25
M 126	1,2-Dichloroethene (total)	100				279693	36.3410	36
M 127	Xylene (total)	100				692071	55.9408	56

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1950.D

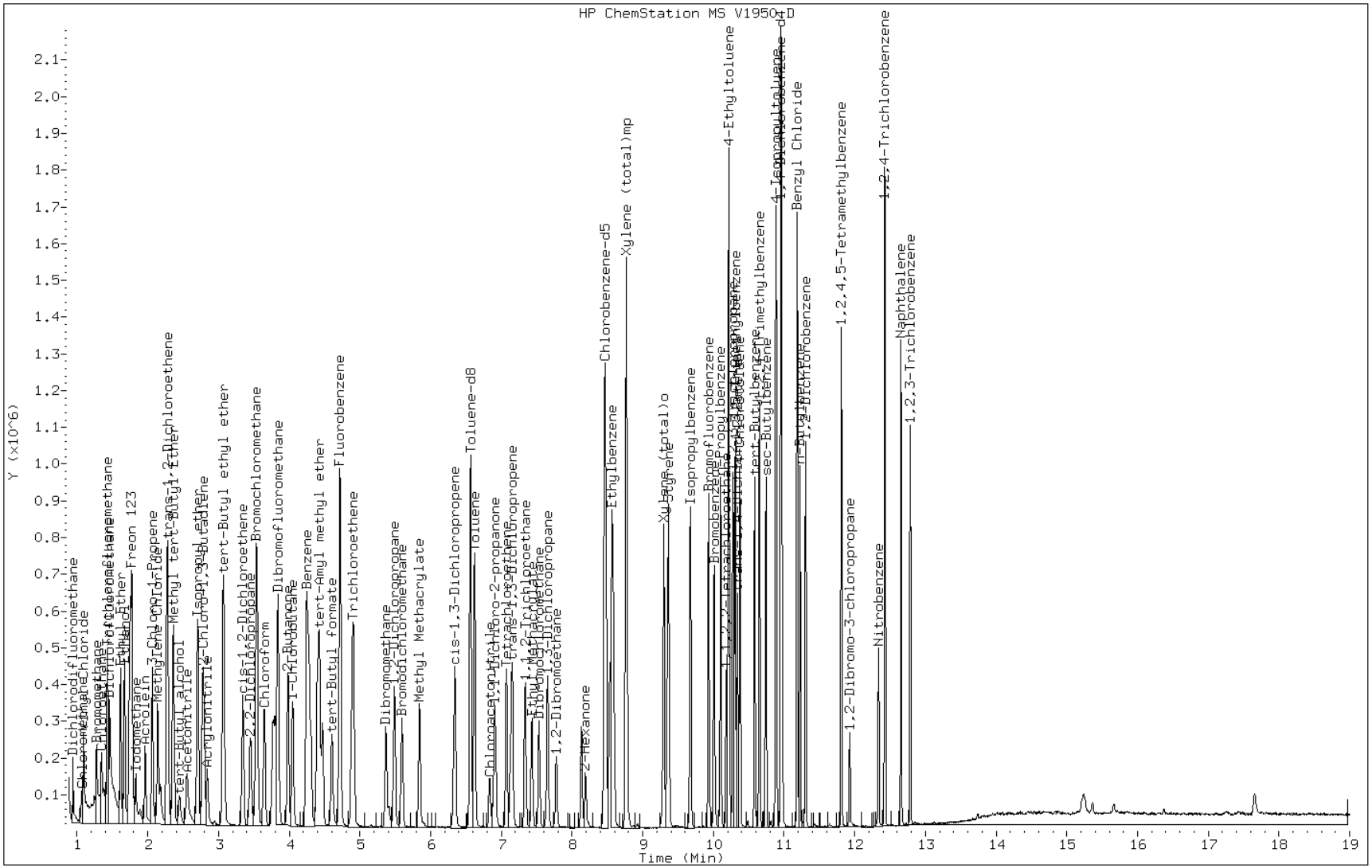
Date: 23-FEB-2009 11:14

Client ID: CCVIS

Instrument: msv.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1950.D
Inj. Date and Time: 23-FEB-2009 11:14
Instrument ID: msv.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/24/2009

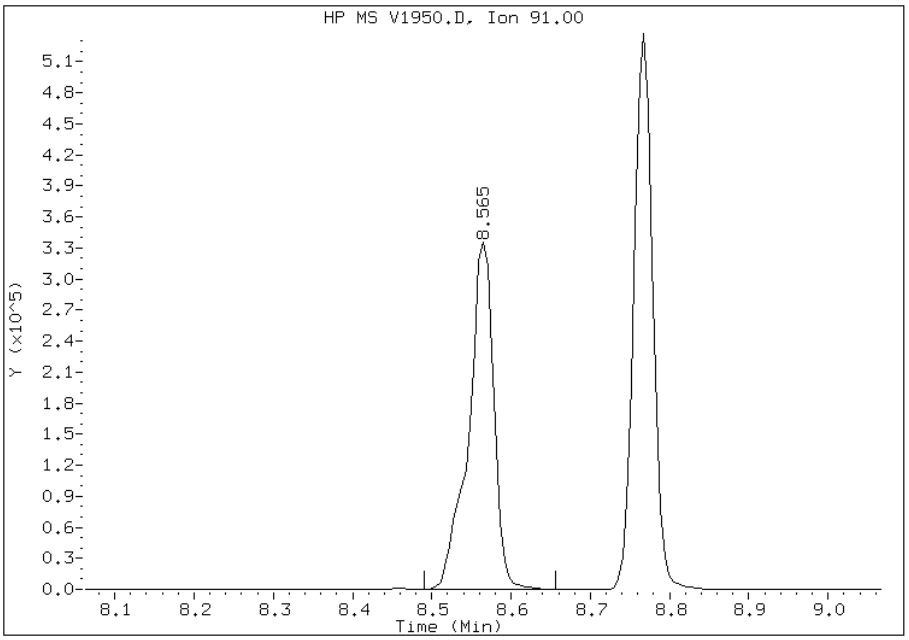
Processing Integration Results

RT: 8.56

Response: 734850

Amount: 88

Conc: 88



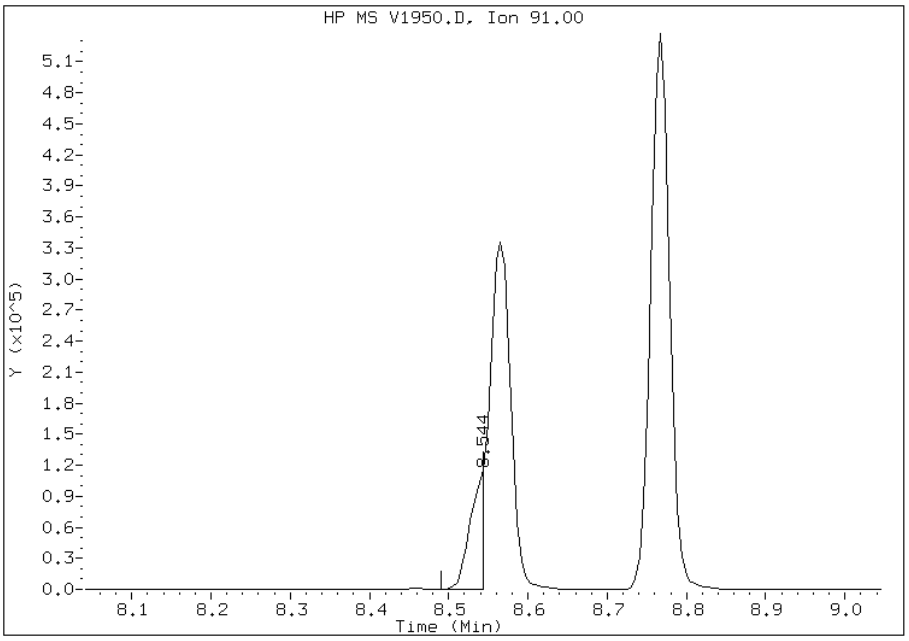
Manual Integration Results

RT: 8.54

Response: 141855

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1950.D
Inj. Date and Time: 23-FEB-2009 11:14
Instrument ID: msv.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/24/2009

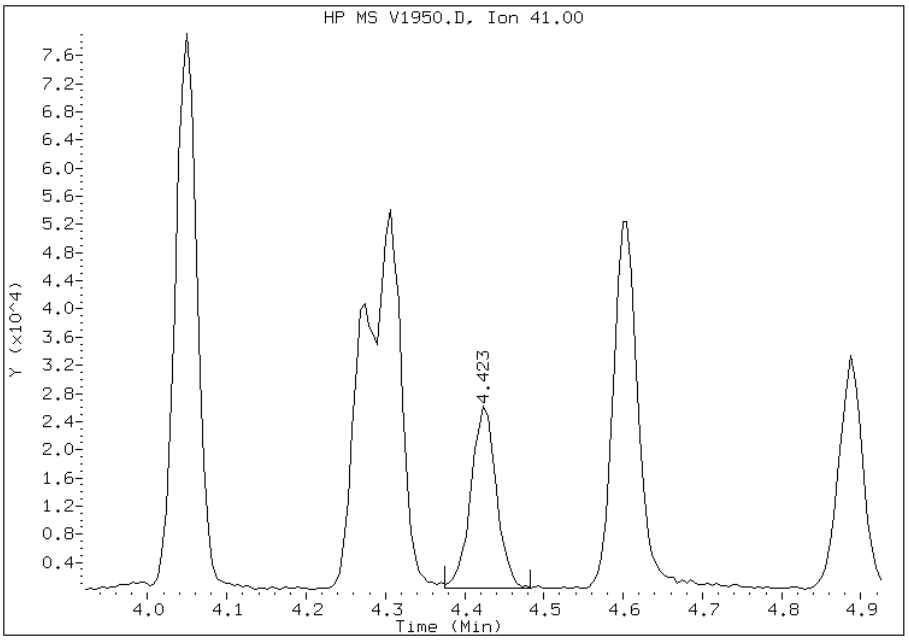
Processing Integration Results

RT: 4.42

Response: 56849

Amount: 11

Conc: 11



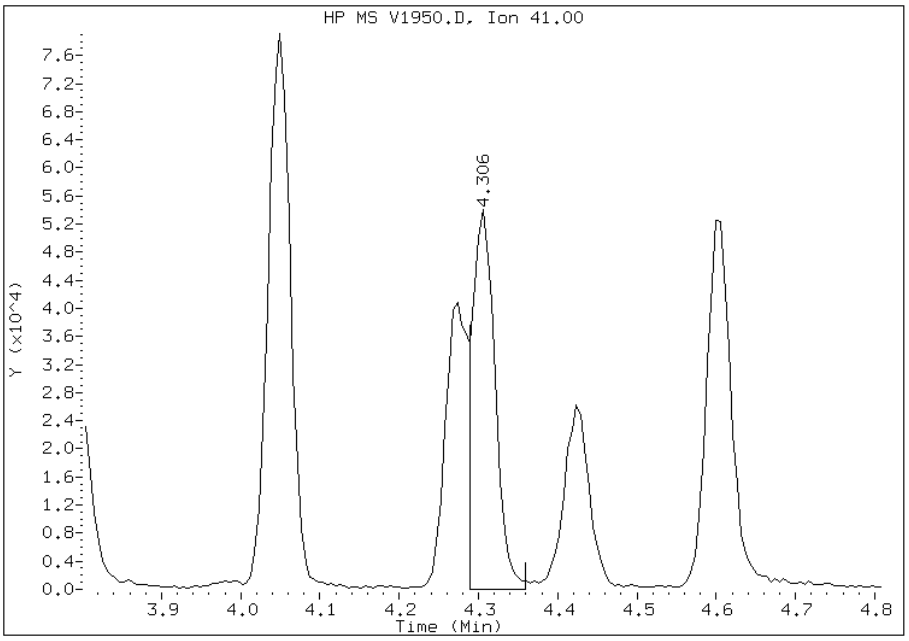
Manual Integration Results

RT: 4.31

Response: 106534

Amount: 21

Conc: 21



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24575/1 Calibration Date: 02/24/2009 09:10

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V1987.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Ave	0.0893	0.1727		39.0	20.0	93.3*	30.0
Chloromethane	Lin	0.1731	0.1859	0.1000	23.0	20.0	17.4	30.0
Vinyl chloride	Ave	0.1730	0.1818		21.0	20.0	5.1	20.0
Bromomethane	Ave	0.0601	0.0978		33.0	20.0	62.8*	30.0
Chloroethane	Qua	0.0863	0.1098		26.0	20.0	32.2*	30.0
Trichlorofluoromethane	Qua	0.2219	0.2992		25.0	20.0	26.7	30.0
Dichlorofluoromethane	Ave	0.2900	0.3184		22.0	20.0	9.8	30.0
Ethyl ether	Ave	0.1282	0.1324		21.0	20.0	3.3	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.2704	0.3221		24.0	20.0	19.1	30.0
Ethanol	Qua	0.0065	0.0080		210	200	4.9	30.0
1,1-Dichloroethene	Ave	0.1660	0.1397		17.0	20.0	-15.9	20.0
Carbon disulfide	Ave	0.5373	0.4723		18.0	20.0	-12.1	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1767	0.1566		18.0	20.0	-11.4	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0419	0.0393		19.0	20.0	-6.2	30.0
Iodomethane	Lin	0.1378	0.1569		20.0	20.0	1.6	30.0
Acrolein	Ave	0.0319	0.0325		100	100	1.9	30.0
3-Chloro-1-propene	Ave	0.2908	0.2761		19.0	20.0	-5.1	30.0
Isopropyl alcohol	Lin	0.0261	0.0241		19.0	20.0	-4.0	30.0
Methylene Chloride	Ave	0.2133	0.2010		19.0	20.0	-5.8	30.0
Acetone	Lin	0.0883	0.1023		30.0	20.0	49.0*	30.0
trans-1,2-Dichloroethene	Ave	0.2078	0.1746		17.0	20.0	-16.0	30.0
Methyl acetate	Ave	0.8497	0.8943		21.0	20.0	5.3	30.0
Methyl tert-butyl ether	Ave	0.6112	0.6740		22.0	20.0	10.3	30.0
2-Methyl-2-propanol	Lin	0.0254	0.0220		93.0	100	-6.9	30.0
Acetonitrile	Ave	0.0284	0.0289		200	200	1.7	30.0
Isopropyl ether	Ave	0.6594	0.6180		19.0	20.0	-6.3	30.0
2-Chloro-1,3-butadiene	Ave	0.1598	0.1245		16.0	20.0	-22.1	30.0
1,1-Dichloroethane	Ave	0.3506	0.3379	0.1000	19.0	20.0	-3.6	30.0
Acrylonitrile	Ave	0.0772	0.0768		40.0	40.0	-0.5	30.0
Tert-butyl ethyl ether	Ave	0.6129	0.6306		21.0	20.0	2.9	30.0
Vinyl acetate	Ave	0.4150	0.4520		22.0	20.0	8.9	30.0
cis-1,2-Dichloroethene	Ave	0.2343	0.2045		17.0	20.0	-12.7	30.0
2,2-Dichloropropane	Lin	0.1990	0.2508		22.0	20.0	10.2	30.0
1-Bromopropane	Ave	0.3067	0.2745		18.0	20.0	-10.5	30.0
Chlorobromomethane	Ave	0.1171	0.1150		20.0	20.0	-1.8	30.0
Cyclohexane	Ave	0.2788	0.2126		15.0	20.0	-23.7	30.0
Chloroform	Ave	0.3478	0.3664		21.0	20.0	5.3	20.0
Carbon tetrachloride	Ave	0.2275	0.2644		23.0	20.0	16.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24575/1 Calibration Date: 02/24/2009 09:10

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V1987.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Tetrahydrofuran	Ave	0.0758	0.0705		37.0	40.0	-7.1	30.0
Ethyl acetate	Ave	0.0250	0.0265		42.0	40.0	5.9	30.0
Methyl acrylate	Ave	0.1826	0.1718		19.0	20.0	-5.9	30.0
1,1,1-Trichloroethane	Ave	0.2842	0.3060		22.0	20.0	7.7	30.0
1,1-Dichloropropene	Ave	0.2667	0.2361		18.0	20.0	-11.5	30.0
2-Butanone (MEK)	Ave	0.0882	0.0938		21.0	20.0	6.4	30.0
1-Chlorobutane	Ave	0.4079	0.3552		17.0	20.0	-12.9	30.0
Benzene	Ave	0.8302	0.7146		17.0	20.0	-13.9	30.0
n-Heptane	Ave	0.1855	0.1490		16.0	20.0	-19.7	30.0
Propionitrile	Ave	0.0324	0.0307		190	200	-5.4	30.0
Methacrylonitrile	Ave	0.1431	0.1431		20.0	20.0	0.1	30.0
Isobutyl alcohol	Lin	0.0029	0.0036		280	200	41.6*	30.0
Tert-amyl methyl ether	Ave	0.5712	0.5658		20.0	20.0	-0.9	30.0
1,2-Dichloroethane	Ave	0.2543	0.3321		26.0	20.0	30.6*	30.0
tert-Butyl Formate	Qua	0.0233	0.0180		17.0	20.0	-14.6	30.0
Isopropyl acetate	Lin	0.0080	0.0057		30.0	40.0	-25.7	30.0
Methylcyclohexane	Ave	0.2737	0.2085		15.0	20.0	-23.8	30.0
Trichloroethene	Ave	0.2346	0.2061		18.0	20.0	-12.1	30.0
Dibromomethane	Ave	0.1255	0.1298		21.0	20.0	3.5	30.0
n-Butanol	Ave	0.0051	0.0037		140	200	-28.1	30.0
1,2-Dichloropropane	Ave	0.2066	0.1844		18.0	20.0	-10.7	20.0
Dichlorobromomethane	Ave	0.2579	0.2889		22.0	20.0	12.0	30.0
1,4-Dioxane	Ave	0.0015	0.0012		150	200	-24.2	30.0
Methyl methacrylate	Ave	0.1651	0.1415		17.0	20.0	-14.3	30.0
2-Chloroethyl vinyl ether	Ave	0.0693	0.0558		16.0	20.0	-19.5	30.0
n-Propyl acetate	Ave	0.0236	0.0209		35.0	40.0	-11.3	30.0
cis-1,3-Dichloropropene	Ave	0.3160	0.3131		20.0	20.0	-0.9	30.0
Toluene	Ave	1.142	1.008		18.0	20.0	-11.7	20.0
Chloroacetonitrile	Ave	0.0067	0.0066		200	200	-1.1	30.0
2-Nitropropane	Ave	0.0539	0.0702		52.0	40.0	30.2*	30.0
1,1-Dichloroacetone	Ave	0.1292	0.1480		110	100	14.6	30.0
Tetrachloroethene	Ave	0.2455	0.2166		18.0	20.0	-11.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2351	0.2232		19.0	20.0	-5.1	30.0
trans-1,3-Dichloropropene	Ave	0.2820	0.3101		22.0	20.0	10.0	30.0
1,1,2-Trichloroethane	Ave	0.1857	0.1819		20.0	20.0	-2.0	30.0
Ethyl methacrylate	Ave	0.2740	0.2522		18.0	20.0	-8.0	30.0
Chlorodibromomethane	Ave	0.2820	0.3216		23.0	20.0	14.0	30.0
1,3-Dichloropropane	Ave	0.4329	0.4368		20.0	20.0	0.9	30.0
Ethylene Dibromide	Ave	0.2519	0.2576		20.0	20.0	2.2	30.0
2-Hexanone	Ave	0.1638	0.1684		21.0	20.0	2.8	30.0
Chlorobenzene	Ave	0.7695	0.7110	0.3000	18.0	20.0	-7.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24575/1 Calibration Date: 02/24/2009 09:10

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V1987.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Ave	0.1294	0.1121		17.0	20.0	-13.4	30.0
1-Chlorohexane	Ave	0.3181	0.2637		17.0	20.0	-17.1	30.0
Ethylbenzene	Ave	0.3946	0.3550		18.0	20.0	-10.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2645	0.2862		22.0	20.0	8.2	30.0
m-Xylene & p-Xylene	Ave	0.4785	0.4385		37.0	40.0	-8.4	30.0
o-Xylene	Ave	0.4626	0.4042		17.0	20.0	-12.6	30.0
Bromoform	Ave	0.1929	0.2203	0.1000	23.0	20.0	14.2	30.0
Styrene	Ave	0.7356	0.7011		19.0	20.0	-4.7	30.0
Isopropylbenzene	Ave	1.899	1.578		17.0	20.0	-16.9	30.0
Bromobenzene	Ave	0.6296	0.5807		18.0	20.0	-7.8	30.0
N-Propylbenzene	Ave	2.114	1.812		17.0	20.0	-14.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5322	0.4852	0.3000	18.0	20.0	-8.8	30.0
2-Chlorotoluene	Ave	1.559	1.456		19.0	20.0	-6.6	30.0
4-Ethyltoluene	Ave	1.917	1.699		18.0	20.0	-11.4	30.0
1,2,3-Trichloropropane	Ave	0.1840	0.1947		21.0	20.0	5.8	30.0
1,3,5-Trimethylbenzene	Ave	1.532	1.419		19.0	20.0	-7.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1381	0.1687		49.0	40.0	22.2	30.0
4-Chlorotoluene	Ave	1.464	1.402		19.0	20.0	-4.3	30.0
tert-Butylbenzene	Ave	1.318	1.138		17.0	20.0	-13.7	30.0
1,2,4-Trimethylbenzene	Ave	1.549	1.458		19.0	20.0	-5.9	30.0
sec-Butylbenzene	Ave	1.768	1.498		17.0	20.0	-15.3	30.0
4-Isopropyltoluene	Ave	1.567	1.369		17.0	20.0	-12.6	30.0
1,3-Dichlorobenzene	Ave	1.064	1.002		19.0	20.0	-5.9	30.0
1,4-Dichlorobenzene	Ave	1.116	1.052		19.0	20.0	-5.8	30.0
Benzyl chloride	Ave	0.2523	0.2476		20.0	20.0	-1.9	30.0
p-Diethylbenzene	Ave	0.8633	0.7387		17.0	20.0	-14.4	30.0
n-Butylbenzene	Ave	1.319	1.203		18.0	20.0	-8.8	30.0
1,2-Dichlorobenzene	Ave	1.067	1.013		19.0	20.0	-5.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.541	1.396		18.0	20.0	-9.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1112	0.1194		21.0	20.0	7.4	30.0
Nitrobenzene	Lin	0.0481	0.0425		160	200	-18.8	30.0
Hexachlorobutadiene	Ave	0.3926	0.3208		16.0	20.0	-18.3	30.0
1,2,4-Trichlorobenzene	Ave	0.8077	0.7662		19.0	20.0	-5.1	30.0
Naphthalene	Ave	2.158	1.965		18.0	20.0	-8.9	30.0
1,2,3-Trichlorobenzene	Ave	0.8004	0.7593		19.0	20.0	-5.1	30.0
Dibromofluoromethane	Ave	0.2038	0.2049		25.0	25.0	0.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2168	0.2608		30.0	25.0	20.3	30.0
Toluene-d8 (Surr)	Ave	1.001	0.9228		23.0	25.0	-7.8	30.0
4-Bromofluorobenzene	Ave	0.6352	0.5477		22.0	25.0	-13.8	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V1987.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 24-FEB-2009 09:10 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V8260LOW.m
Meth Date : 24-Feb-2009 09:32 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 38 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.716	4.716	(1.000)	790133	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	109148	20.0000	39
3	Chloromethane	50	1.077	1.077	(0.228)	117508	20.0000	23
4	Vinyl Chloride	62	1.093	1.093	(0.232)	114927	20.0000	21
5	Bromomethane	94	1.274	1.274	(0.270)	61840	20.0000	32
6	Chloroethane	64	1.343	1.343	(0.285)	69427	20.0000	26
7	Trichlorofluoromethane	101	1.429	1.429	(0.303)	189115	20.0000	25
8	Dichlorofluoromethane	67	1.461	1.461	(0.310)	201260	20.0000	22
9	Ethyl Ether	45	1.616	1.616	(0.343)	83659	20.0000	21
10	Ethanol	45	1.669	1.669	(0.354)	50819	200.000	210
11	Freon 141	81	1.669	1.669	(0.354)	203620	20.0000	24
12	Freon 123	67	1.776	1.776	(0.377)	24833	20.0000	19
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	98984	20.0000	18
14	1,1-Dichloroethene	96	1.738	1.738	(0.369)	88285	20.0000	17
15	Carbon Disulfide	76	1.754	1.754	(0.372)	298518	20.0000	18
16	Iodomethane	142	1.829	1.829	(0.388)	99198	20.0000	20
17	Acrolein	56	1.963	1.963	(0.416)	102618	100.000	100
18	2-Propanol	45	2.091	2.091	(0.443)	15216	20.0000	19
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	174504	20.0000	19
20	Methylene Chloride	84	2.139	2.139	(0.454)	127031	20.0000	19
21	Acetone	43	2.176	2.176	(0.461)	64674	20.0000	30
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	110376	20.0000	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	565320	20.0000	21
	24 Methyl tert-Butyl Ether	73	2.357	2.357	(0.500)	426064	20.0000	22
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	69544	100.000	93
	26 Acetonitrile	41	2.550	2.550	(0.541)	182842	200.000	200
	27 Isopropyl ether	45	2.704	2.704	(0.573)	390611	20.0000	19
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	398574	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	78677	20.0000	16
	30 Acrylonitrile	53	2.838	2.838	(0.602)	97083	40.0000	40
	31 1,1-Dichloroethane	63	2.790	2.790	(0.592)	213559	20.0000	19
	32 Vinyl Acetate	43	3.073	3.073	(0.652)	285718	20.0000	22
	33 cis-1,2-Dichloroethene	96	3.339	3.339	(0.708)	129274	20.0000	17
	34 2,2-Dichloropropane	77	3.446	3.446	(0.731)	158534	20.0000	22
	35 Bromochloromethane	128	3.542	3.542	(0.751)	72688	20.0000	20
	36 1-Bromopropane	43	3.526	3.526	(0.748)	173532	20.0000	18
	37 Cyclohexane	84	3.542	3.542	(0.751)	134389	20.0000	15
	38 Chloroform	83	3.644	3.644	(0.773)	231601	20.0000	21
	39 Ethyl Acetate	43	3.804	3.804	(0.807)	33477	40.0000	42
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	108620	20.0000	19
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	161868	20.0000	25
	42 Tetrahydrofuran	42	3.793	3.793	(0.804)	89083	40.0000	37
	43 Carbon Tetrachloride	117	3.766	3.766	(0.799)	167125	20.0000	23
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	193406	20.0000	22
	45 2-Butanone	43	3.980	3.980	(0.844)	59305	20.0000	21
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	149212	20.0000	18
	47 tert-Amyl methyl ether	73	4.423	4.423	(0.938)	357650	20.0000	20
	48 tert-Butyl formate	57	4.610	4.610	(0.977)	11345	20.0000	17
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	224552	20.0000	17
	50 Heptane	43	4.268	4.268	(0.905)	94200	20.0000	16
	51 Propionitrile	54	4.279	4.279	(0.907)	194014	200.000	190
	52 Benzene	78	4.247	4.247	(0.900)	451676	20.0000	17
	53 2-Methyl-2-Propenenitrile	41	4.305	4.305	(0.913)	90422	20.0000	20(M)
	54 Isobutyl alcohol	42	4.418	4.418	(0.937)	22415	200.000	280
$	55 1,2-Dichloroethane-d4	65	4.391	4.391	(0.931)	206071	20.0000	30
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	209888	20.0000	26
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	131782	20.0000	15
	60 Trichloroethene	130	4.909	4.909	(1.041)	130280	20.0000	18
	61 Isopropyl Acetate	43	4.887	4.887	(1.036)	7218	40.0000	30
	62 n-Butanol	56	5.405	5.405	(1.146)	23379	200.000	140
	63 Dibromomethane	93	5.368	5.368	(1.138)	82069	20.0000	21
	64 1,2-Dichloropropane	63	5.490	5.490	(1.164)	116546	20.0000	18
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	182604	20.0000	22
	66 Methyl Methacrylate	69	5.842	5.842	(1.239)	89462	20.0000	17
	67 1,4-Dioxane	58	5.837	5.837	(1.238)	7244	200.000	150
	68 n-Propyl Acetate	43	6.323	6.323	(1.341)	26450	40.0000	35
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.341)	35260	20.0000	16
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	197909	20.0000	20
	71 Chloroacetonitrile	48	6.835	6.835	(1.449)	41726	200.000	200
	72 2-Nitropropane	41	6.894	6.894	(1.462)	88694	40.0000	52
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.517)	196017	20.0000	22
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	115006	20.0000	20
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	579813	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	467414	20.0000	18
$	77 Toluene-d8	98	6.563	6.563	(0.776)	535055	20.0000	23
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	343264	100.000	110

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.134	7.134	(0.844)	103523	20.0000	19
80	Tetrachloroethene	164	7.075	7.075	(0.837)	100481	20.0000	18
81	Ethyl Methacrylate	69	7.433	7.433	(0.879)	116972	20.0000	18
82	Dibromochloromethane	129	7.534	7.534	(0.891)	149162	20.0000	23
83	1,3-Dichloropropane	76	7.652	7.652	(0.905)	202587	20.0000	20
84	1,2-Dibromoethane	107	7.780	7.780	(0.920)	119466	20.0000	20
85	n-Butyl Acetate	56	8.532	8.532	(1.009)	52004	20.0000	17(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	78098	20.0000	20
87	1-Chlorohexane	91	8.543	8.543	(1.010)	122301	20.0000	16(M)
88	Chlorobenzene	112	8.479	8.479	(1.003)	329777	20.0000	18
89	1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	132740	20.0000	22
90	Ethylbenzene	106	8.564	8.564	(1.013)	164683	20.0000	18
91	Xylene (total)mp	106	8.767	8.767	(1.037)	406801	40.0000	37
92	Xylene (total)o	106	9.295	9.295	(1.099)	187508	20.0000	17
93	Styrene	104	9.365	9.365	(1.107)	325191	20.0000	19
94	Bromoform	173	9.343	9.343	(1.105)	102161	20.0000	23
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	339681	25.0000	
96	Isopropylbenzene	105	9.674	9.674	(0.883)	428788	20.0000	17
97	Bromobenzene	156	10.011	10.011	(0.914)	157808	20.0000	18
98	1,1,2,2-Tetrachloroethane	83	10.181	10.181	(0.929)	131853	20.0000	18
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	461646	20.0000	18
100	1,2,3-Trichloropropane	110	10.272	10.272	(0.938)	52905	20.0000	21
101	trans-1,4-Dichloro-2-Butene	53	10.341	10.341	(0.944)	91708	40.0000	49
102	n-Propylbenzene	91	10.101	10.101	(0.922)	492335	20.0000	17
103	2-Chlorotoluene	91	10.213	10.213	(0.932)	395691	20.0000	19
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	380860	20.0000	19
105	1,3,5-Trimethylbenzene	105	10.309	10.309	(0.941)	385626	20.0000	18
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	309278	20.0000	17
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	396332	20.0000	19
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	407032	20.0000	17
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	372033	20.0000	17
110	1,3-Dichlorobenzene	146	10.886	10.886	(0.994)	272160	20.0000	19
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	285790	20.0000	19
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	275281	20.0000	19
113	Benzyl Chloride	126	11.185	11.185	(1.021)	67277	20.0000	20
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	200749	20.0000	17
115	n-Butylbenzene	91	11.222	11.222	(1.024)	326969	20.0000	18
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	379335	20.0000	18
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	32452	20.0000	21
120	Nitrobenzene	77	12.332	12.332	(1.126)	115530	200.000	160
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	208220	20.0000	19
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	87180	20.0000	16
123	Naphthalene	128	12.652	12.652	(1.155)	533992	20.0000	18
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	206327	20.0000	19
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	186045	20.0000	22
M 126	1,2-Dichloroethene (total)	100				239650	40.0000	34
M 127	Xylene (total)	100				594309	60.0000	54

QC Flag Legend

M - Compound response manually integrated.

Data File: V1987.D

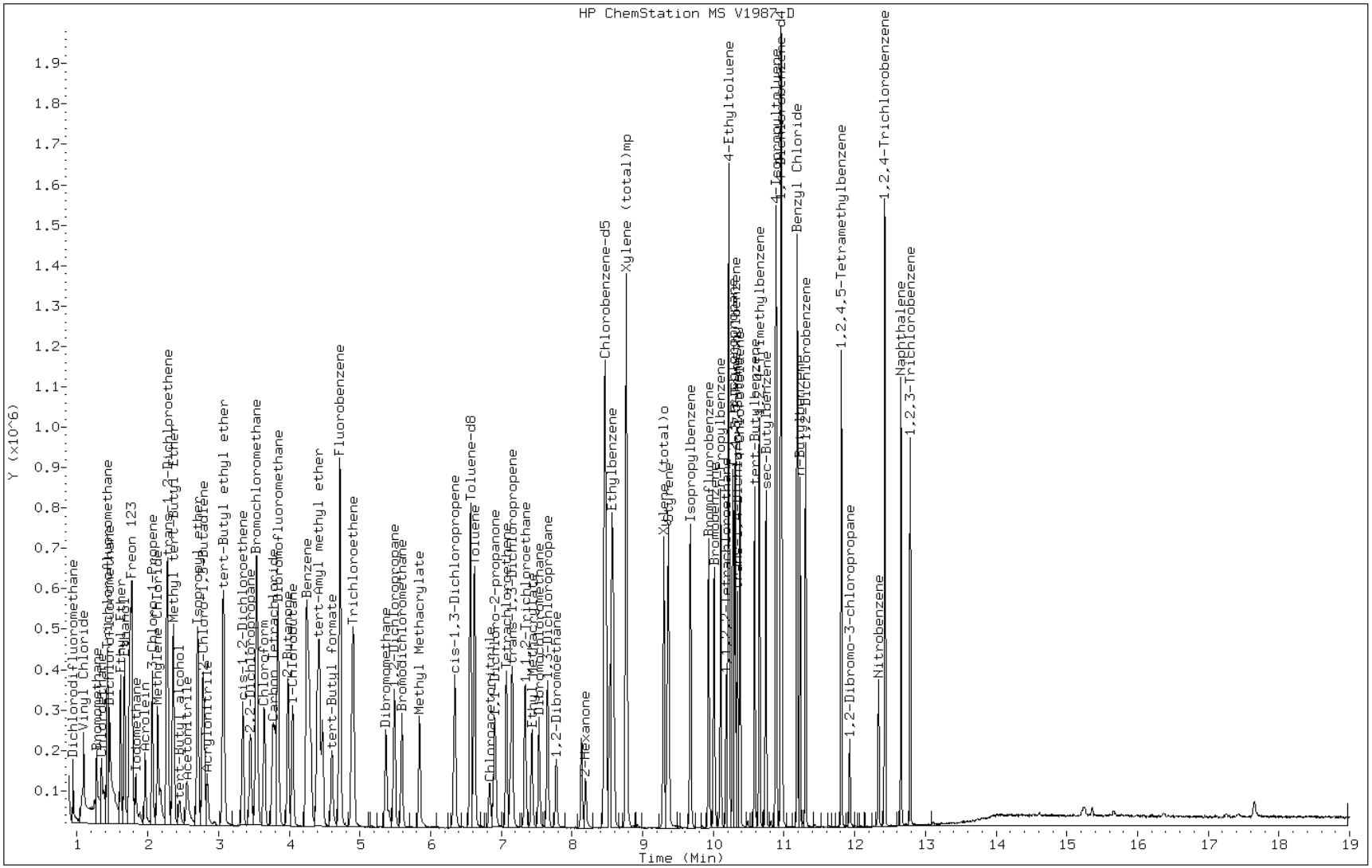
Date: 24-FEB-2009 09:10

Client ID: CCVIS

Instrument: msv.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1987.D
Inj. Date and Time: 24-FEB-2009 09:10
Instrument ID: msv.i
Client ID: CCVIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/24/2009

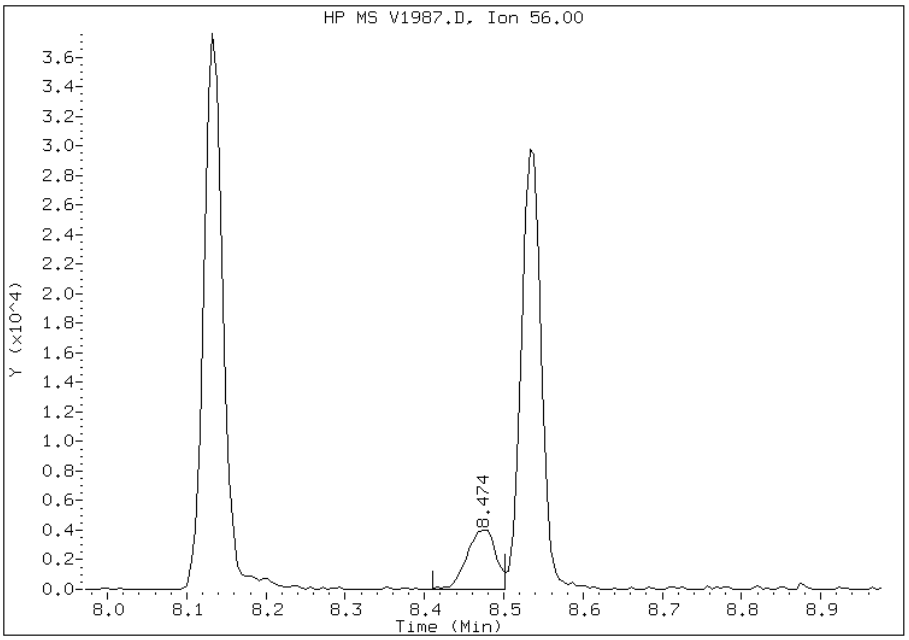
Processing Integration Results

RT: 8.47

Response: 10276

Amount: 3

Conc: 3



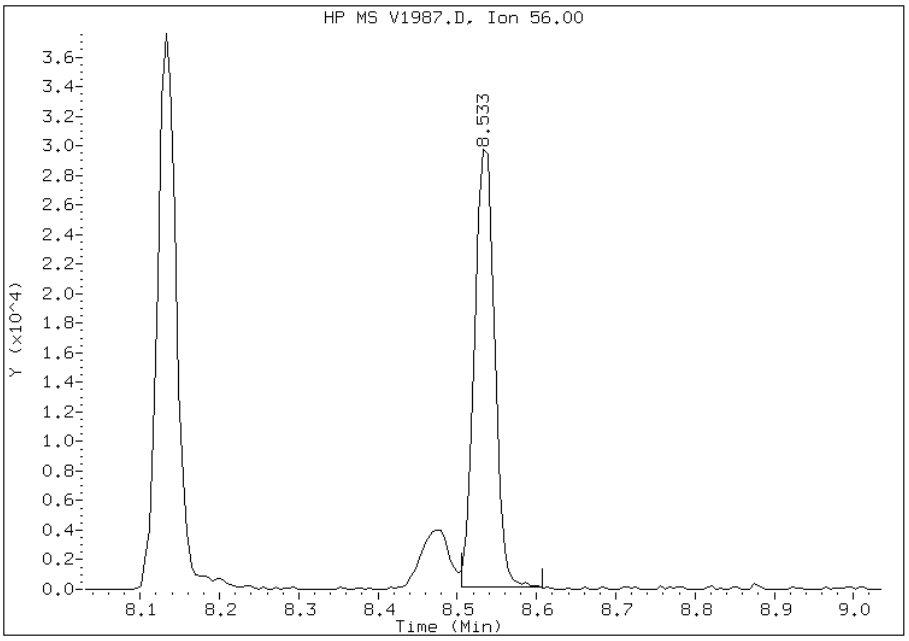
Manual Integration Results

RT: 8.53

Response: 52004

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1987.D
Inj. Date and Time: 24-FEB-2009 09:10
Instrument ID: msv.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/24/2009

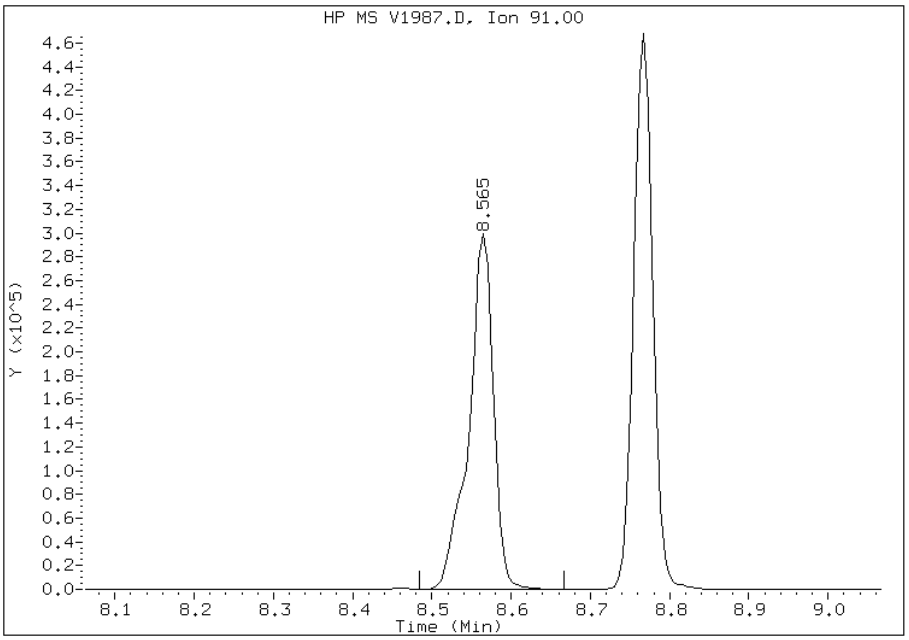
Processing Integration Results

RT: 8.56

Response: 638043

Amount: 86

Conc: 86



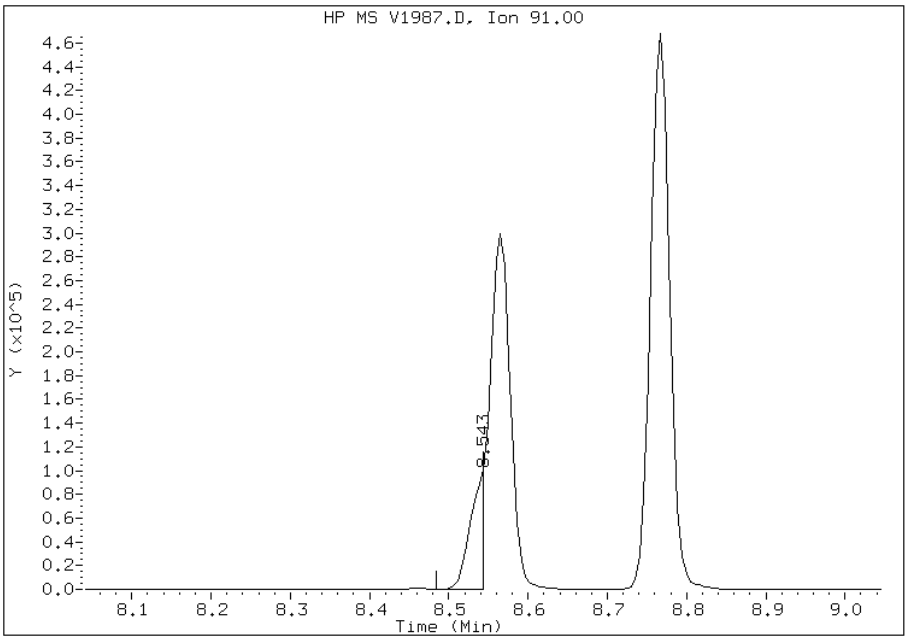
Manual Integration Results

RT: 8.54

Response: 122301

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1987.D
Inj. Date and Time: 24-FEB-2009 09:10
Instrument ID: msv.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/24/2009

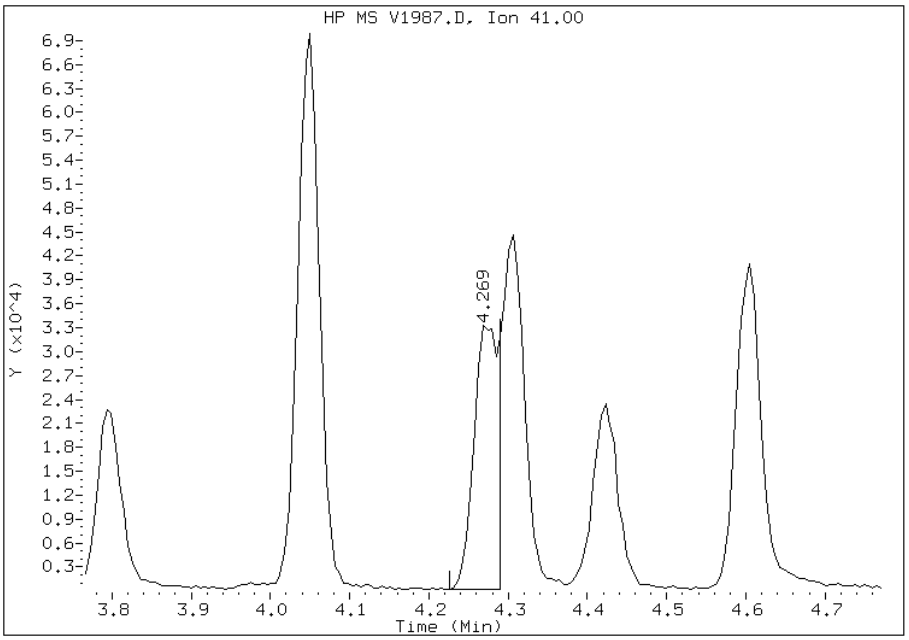
Processing Integration Results

RT: 4.27

Response: 72998

Amount: 16

Conc: 16



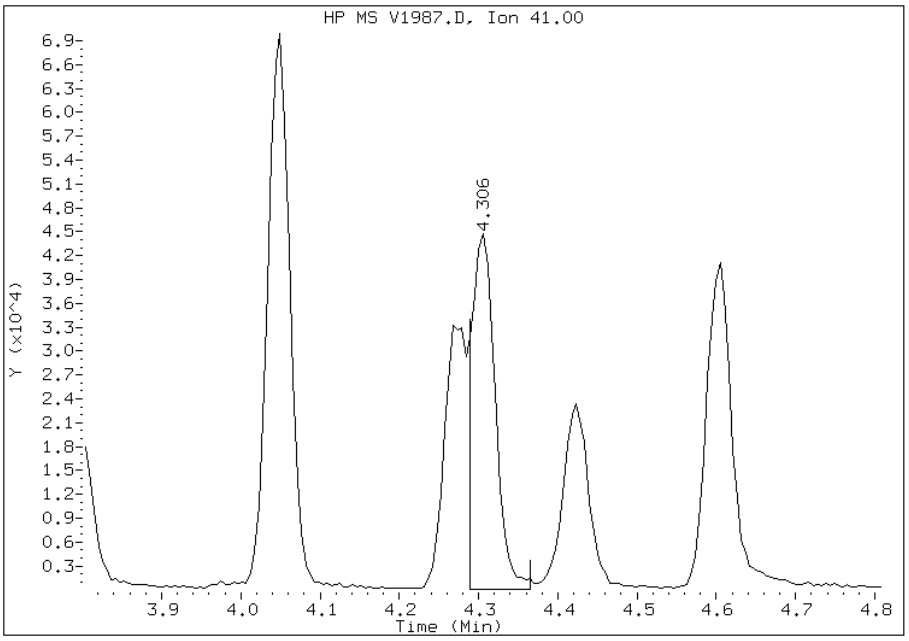
Manual Integration Results

RT: 4.31

Response: 90422

Amount: 20

Conc: 20



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24624/1 Calibration Date: 02/25/2009 10:04

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V2025.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Ave	0.0893	0.1733		39.0	20.0	94.0*	30.0
Chloromethane	Lin	0.1731	0.1914	0.1000	24.0	20.0	20.8	30.0
Vinyl chloride	Ave	0.1730	0.1874		22.0	20.0	8.3	20.0
Bromomethane	Ave	0.0601	0.0906		30.0	20.0	50.7*	30.0
Chloroethane	Qua	0.0863	0.1097		26.0	20.0	31.9*	30.0
Trichlorofluoromethane	Qua	0.2219	0.3004		25.0	20.0	27.4	30.0
Dichlorofluoromethane	Ave	0.2900	0.3129		22.0	20.0	7.9	30.0
Ethyl ether	Ave	0.1282	0.1344		21.0	20.0	4.9	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.2704	0.3173		23.0	20.0	17.3	30.0
Ethanol	Qua	0.0065	0.0079		210	200	2.6	30.0
1,1-Dichloroethene	Ave	0.1660	0.1389		17.0	20.0	-16.3	20.0
Carbon disulfide	Ave	0.5373	0.4739		18.0	20.0	-11.8	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1767	0.1630		18.0	20.0	-7.7	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0419	0.0417		20.0	20.0	-0.4	30.0
Iodomethane	Lin	0.1378	0.1714		22.0	20.0	10.5	30.0
Acrolein	Ave	0.0319	0.0348		110	100	9.2	30.0
3-Chloro-1-propene	Ave	0.2908	0.2900		20.0	20.0	-0.3	30.0
Isopropyl alcohol	Lin	0.0261	0.0261		21.0	20.0	3.5	30.0
Methylene Chloride	Ave	0.2133	0.2083		20.0	20.0	-2.4	30.0
Acetone	Lin	0.0883	0.1002		29.0	20.0	45.6*	30.0
trans-1,2-Dichloroethene	Ave	0.2078	0.1802		17.0	20.0	-13.3	30.0
Methyl acetate	Ave	0.8497	0.9494		22.0	20.0	11.7	30.0
Methyl tert-butyl ether	Ave	0.6112	0.6909		23.0	20.0	13.0	30.0
2-Methyl-2-propanol	Lin	0.0254	0.0259		110	100	8.8	30.0
Acetonitrile	Ave	0.0284	0.0297		210	200	4.3	30.0
Isopropyl ether	Ave	0.6594	0.6557		20.0	20.0	-0.6	30.0
2-Chloro-1,3-butadiene	Ave	0.1598	0.1342		17.0	20.0	-16.0	30.0
1,1-Dichloroethane	Ave	0.3506	0.3444	0.1000	20.0	20.0	-1.8	30.0
Acrylonitrile	Ave	0.0772	0.0839		43.0	40.0	8.7	30.0
Tert-butyl ethyl ether	Ave	0.6129	0.6660		22.0	20.0	8.6	30.0
Vinyl acetate	Ave	0.4150	0.4818		23.0	20.0	16.1	30.0
cis-1,2-Dichloroethene	Ave	0.2343	0.2113		18.0	20.0	-9.8	30.0
2,2-Dichloropropane	Lin	0.1990	0.2603		23.0	20.0	14.1	30.0
1-Bromopropane	Ave	0.3067	0.2845		19.0	20.0	-7.2	30.0
Chlorobromomethane	Ave	0.1171	0.1159		20.0	20.0	-1.1	30.0
Cyclohexane	Ave	0.2788	0.2292		16.0	20.0	-17.8	30.0
Chloroform	Ave	0.3478	0.3613		21.0	20.0	3.9	20.0
Carbon tetrachloride	Ave	0.2275	0.2628		23.0	20.0	15.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24624/1 Calibration Date: 02/25/2009 10:04

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V2025.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Tetrahydrofuran	Ave	0.0758	0.0812		43.0	40.0	7.1	30.0
Ethyl acetate	Ave	0.0250	0.0274		44.0	40.0	9.5	30.0
Methyl acrylate	Ave	0.1826	0.1841		20.0	20.0	0.8	30.0
1,1,1-Trichloroethane	Ave	0.2842	0.3105		22.0	20.0	9.3	30.0
1,1-Dichloropropene	Ave	0.2667	0.2419		18.0	20.0	-9.3	30.0
2-Butanone (MEK)	Ave	0.0882	0.1020		23.0	20.0	15.6	30.0
1-Chlorobutane	Ave	0.4079	0.3740		18.0	20.0	-8.3	30.0
Benzene	Ave	0.8302	0.7369		18.0	20.0	-11.2	30.0
n-Heptane	Ave	0.1855	0.1604		17.0	20.0	-13.5	30.0
Propionitrile	Ave	0.0324	0.0332		200	200	2.3	30.0
Methacrylonitrile	Ave	0.1431	0.1615		23.0	20.0	12.8	30.0
Isobutyl alcohol	Lin	0.0029	0.0033		260	200	31.3*	30.0
Tert-amyl methyl ether	Ave	0.5712	0.5964		21.0	20.0	4.4	30.0
1,2-Dichloroethane	Ave	0.2543	0.3267		26.0	20.0	28.5	30.0
tert-Butyl Formate	Qua	0.0233	0.0199		19.0	20.0	-5.9	30.0
Isopropyl acetate	Lin	0.0080	0.0063		33.0	40.0	-17.8	30.0
Methylcyclohexane	Ave	0.2737	0.2239		16.0	20.0	-18.2	30.0
Trichloroethene	Ave	0.2346	0.2125		18.0	20.0	-9.4	30.0
Dibromomethane	Ave	0.1255	0.1330		21.0	20.0	6.0	30.0
n-Butanol	Ave	0.0051	0.0045		170	200	-12.9	30.0
1,2-Dichloropropane	Ave	0.2066	0.1869		18.0	20.0	-9.5	20.0
Dichlorobromomethane	Ave	0.2579	0.2861		22.0	20.0	10.9	30.0
1,4-Dioxane	Ave	0.0015	0.0015		200	200	-1.8	30.0
Methyl methacrylate	Ave	0.1651	0.1599		19.0	20.0	-3.2	30.0
2-Chloroethyl vinyl ether	Ave	0.0693	0.0609		18.0	20.0	-12.2	30.0
n-Propyl acetate	Ave	0.0236	0.0213		36.0	40.0	-9.7	30.0
cis-1,3-Dichloropropene	Ave	0.3160	0.3247		21.0	20.0	2.8	30.0
Toluene	Ave	1.142	1.037		18.0	20.0	-9.2	20.0
Chloroacetonitrile	Ave	0.0067	0.0077		230	200	15.3	30.0
2-Nitropropane	Ave	0.0539	0.0751		56.0	40.0	39.3*	30.0
1,1-Dichloroacetone	Ave	0.1292	0.1621		130	100	25.5	30.0
Tetrachloroethene	Ave	0.2455	0.2174		18.0	20.0	-11.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2351	0.2489		21.0	20.0	5.9	30.0
trans-1,3-Dichloropropene	Ave	0.2820	0.3241		23.0	20.0	14.9	30.0
1,1,2-Trichloroethane	Ave	0.1857	0.1859		20.0	20.0	0.1	30.0
Ethyl methacrylate	Ave	0.2740	0.2797		20.0	20.0	2.1	30.0
Chlorodibromomethane	Ave	0.2820	0.3200		23.0	20.0	13.5	30.0
1,3-Dichloropropane	Ave	0.4329	0.4476		21.0	20.0	3.4	30.0
Ethylene Dibromide	Ave	0.2519	0.2600		21.0	20.0	3.2	30.0
2-Hexanone	Ave	0.1638	0.1918		23.0	20.0	17.1	30.0
Chlorobenzene	Ave	0.7695	0.7189	0.3000	19.0	20.0	-6.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24624/1 Calibration Date: 02/25/2009 10:04

Instrument ID: MSV Calib Start Date: 02/17/2009 16:12

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/17/2009 18:24

Lab File ID: V2025.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Ave	0.1294	0.1132		17.0	20.0	-12.5	30.0
1-Chlorohexane	Ave	0.3181	0.2800		18.0	20.0	-12.0	30.0
Ethylbenzene	Ave	0.3946	0.3641		18.0	20.0	-7.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2645	0.2863		22.0	20.0	8.2	30.0
m-Xylene & p-Xylene	Ave	0.4785	0.4401		37.0	40.0	-8.0	30.0
o-Xylene	Ave	0.4626	0.4208		18.0	20.0	-9.0	30.0
Bromoform	Ave	0.1929	0.2222	0.1000	23.0	20.0	15.2	30.0
Styrene	Ave	0.7356	0.7064		19.0	20.0	-4.0	30.0
Isopropylbenzene	Ave	1.899	1.667		18.0	20.0	-12.2	30.0
Bromobenzene	Ave	0.6296	0.5970		19.0	20.0	-5.2	30.0
N-Propylbenzene	Ave	2.114	1.868		18.0	20.0	-11.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5322	0.5096	0.3000	19.0	20.0	-4.2	30.0
2-Chlorotoluene	Ave	1.559	1.485		19.0	20.0	-4.8	30.0
4-Ethyltoluene	Ave	1.917	1.737		18.0	20.0	-9.4	30.0
1,2,3-Trichloropropane	Ave	0.1840	0.2027		22.0	20.0	10.2	30.0
1,3,5-Trimethylbenzene	Ave	1.532	1.451		19.0	20.0	-5.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1381	0.1769		51.0	40.0	28.1	30.0
4-Chlorotoluene	Ave	1.464	1.405		19.0	20.0	-4.1	30.0
tert-Butylbenzene	Ave	1.318	1.160		18.0	20.0	-12.0	30.0
1,2,4-Trimethylbenzene	Ave	1.549	1.485		19.0	20.0	-4.1	30.0
sec-Butylbenzene	Ave	1.768	1.561		18.0	20.0	-11.7	30.0
4-Isopropyltoluene	Ave	1.567	1.429		18.0	20.0	-8.8	30.0
1,3-Dichlorobenzene	Ave	1.064	1.007		19.0	20.0	-5.4	30.0
1,4-Dichlorobenzene	Ave	1.116	1.040		19.0	20.0	-6.8	30.0
Benzyl chloride	Ave	0.2523	0.2619		21.0	20.0	3.8	30.0
p-Diethylbenzene	Ave	0.8633	0.7810		18.0	20.0	-9.5	30.0
n-Butylbenzene	Ave	1.319	1.235		19.0	20.0	-6.3	30.0
1,2-Dichlorobenzene	Ave	1.067	1.011		19.0	20.0	-5.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.541	1.458		19.0	20.0	-5.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1112	0.1316		24.0	20.0	18.3	30.0
Nitrobenzene	Lin	0.0481	0.0509		190	200	-5.1	30.0
Hexachlorobutadiene	Ave	0.3926	0.3480		18.0	20.0	-11.4	30.0
1,2,4-Trichlorobenzene	Ave	0.8077	0.7765		19.0	20.0	-3.9	30.0
Naphthalene	Ave	2.158	2.153		20.0	20.0	-0.2	30.0
1,2,3-Trichlorobenzene	Ave	0.8004	0.7863		20.0	20.0	-1.8	30.0
Dibromofluoromethane	Ave	0.2038	0.1985		24.0	25.0	-2.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2168	0.2459		28.0	25.0	13.4	30.0
Toluene-d8 (Surr)	Ave	1.001	0.9227		23.0	25.0	-7.8	30.0
4-Bromofluorobenzene	Ave	0.6352	0.5594		22.0	25.0	-11.9	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V2025.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 25-FEB-2009 10:04 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V8260LOW.m
Meth Date : 25-Feb-2009 10:24 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 39 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.717	4.717	(1.000)	875283	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	121380	20.0000	39
3	Chloromethane	50	1.077	1.077	(0.228)	134010	20.0000	24
4	Vinyl Chloride	62	1.093	1.093	(0.232)	131213	20.0000	22
5	Bromomethane	94	1.274	1.274	(0.270)	63407	20.0000	30
6	Chloroethane	64	1.344	1.344	(0.285)	76797	20.0000	26
7	Trichlorofluoromethane	101	1.429	1.429	(0.303)	210356	20.0000	25
8	Dichlorofluoromethane	67	1.461	1.461	(0.310)	219110	20.0000	22
9	Ethyl Ether	45	1.616	1.616	(0.343)	94114	20.0000	21
10	Ethanol	45	1.669	1.669	(0.354)	55357	200.000	200
11	Freon 141	81	1.669	1.669	(0.354)	222144	20.0000	23
12	Freon 123	67	1.781	1.781	(0.378)	29215	20.0000	20
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	114136	20.0000	18
14	1,1-Dichloroethene	96	1.739	1.739	(0.369)	97278	20.0000	17
15	Carbon Disulfide	76	1.755	1.755	(0.372)	331824	20.0000	18
16	Iodomethane	142	1.829	1.829	(0.388)	119987	20.0000	22
17	Acrolein	56	1.963	1.963	(0.416)	121842	100.000	110
18	2-Propanol	45	2.091	2.091	(0.443)	18255	20.0000	21
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	203040	20.0000	20
20	Methylene Chloride	84	2.139	2.139	(0.454)	145831	20.0000	20
21	Acetone	43	2.176	2.176	(0.461)	70188	20.0000	29
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	126153	20.0000	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.278	2.278	(0.483)	664766	20.0000	22
	24 Methyl tert-Butyl Ether	73	2.358	2.358	(0.500)	483801	20.0000	23
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	90702	100.000	110
	26 Acetonitrile	41	2.550	2.550	(0.541)	207751	200.000	210
	27 Isopropyl ether	45	2.705	2.705	(0.573)	459169	20.0000	20
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	466319	20.0000	22
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	93993	20.0000	17
	30 Acrylonitrile	53	2.838	2.838	(0.602)	117513	40.0000	43
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	241157	20.0000	20
	32 Vinyl Acetate	43	3.073	3.073	(0.652)	337379	20.0000	23
	33 cis-1,2-Dichloroethene	96	3.340	3.340	(0.708)	147968	20.0000	18
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	182287	20.0000	23
	35 Bromochloromethane	128	3.542	3.542	(0.751)	81163	20.0000	20
	36 1-Bromopropane	43	3.526	3.526	(0.748)	199227	20.0000	18
	37 Cyclohexane	84	3.542	3.542	(0.751)	160484	20.0000	16
	38 Chloroform	83	3.644	3.644	(0.773)	253008	20.0000	21
	39 Ethyl Acetate	43	3.804	3.804	(0.807)	38321	40.0000	44
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	128935	20.0000	20
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	173767	20.0000	24
	42 Tetrahydrofuran	42	3.799	3.799	(0.805)	113717	40.0000	43
	43 Carbon Tetrachloride	117	3.767	3.767	(0.799)	184016	20.0000	23
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	217447	20.0000	22
	45 2-Butanone	43	3.980	3.980	(0.844)	71399	20.0000	23
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	169347	20.0000	18
	47 tert-Amyl methyl ether	73	4.423	4.423	(0.938)	417635	20.0000	21
	48 tert-Butyl formate	57	4.599	4.599	(0.975)	13965	20.0000	19
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	261852	20.0000	18
	50 Heptane	43	4.268	4.268	(0.905)	112333	20.0000	17
	51 Propionitrile	54	4.279	4.279	(0.907)	232195	200.000	200
	52 Benzene	78	4.242	4.242	(0.899)	516022	20.0000	18
	53 2-Methyl-2-Propenenitrile	41	4.306	4.306	(0.913)	113059	20.0000	22(M)
	54 Isobutyl alcohol	42	4.418	4.418	(0.937)	23091	200.000	260
$	55 1,2-Dichloroethane-d4	65	4.391	4.391	(0.931)	215205	20.0000	28
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	228772	20.0000	26
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	156804	20.0000	16
	60 Trichloroethene	130	4.909	4.909	(1.041)	148768	20.0000	18
	61 Isopropyl Acetate	43	4.887	4.887	(1.036)	8855	40.0000	33
	62 n-Butanol	56	5.405	5.405	(1.146)	31344	200.000	170
	63 Dibromomethane	93	5.368	5.368	(1.138)	93124	20.0000	21
	64 1,2-Dichloropropane	63	5.485	5.485	(1.163)	130836	20.0000	18
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	200349	20.0000	22
	66 Methyl Methacrylate	69	5.843	5.843	(1.239)	111974	20.0000	19
	67 1,4-Dioxane	58	5.837	5.837	(1.238)	10402	200.000	200
	68 n-Propyl Acetate	43	6.318	6.318	(1.339)	29845	40.0000	36
	69 2-Chloroethylvinylether	63	6.318	6.318	(1.339)	42614	20.0000	18
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	227382	20.0000	20
	71 Chloroacetonitrile	48	6.830	6.830	(1.448)	53848	200.000	230
	72 2-Nitropropane	41	6.894	6.894	(1.462)	105117	40.0000	56
	73 trans-1,3-Dichloropropene	75	7.156	7.156	(1.517)	226971	20.0000	23
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	130137	20.0000	20
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	645241	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	535199	20.0000	18
$	77 Toluene-d8	98	6.563	6.563	(0.776)	595372	20.0000	23
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	418307	100.000	120

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.129	7.129	(0.843)	128463	20.0000	21
80	Tetrachloroethene	164	7.070	7.070	(0.836)	112208	20.0000	18
81	Ethyl Methacrylate	69	7.433	7.433	(0.879)	144371	20.0000	20
82	Dibromochloromethane	129	7.534	7.534	(0.891)	165184	20.0000	23
83	1,3-Dichloropropane	76	7.652	7.652	(0.905)	231037	20.0000	21
84	1,2-Dibromoethane	107	7.775	7.775	(0.919)	134232	20.0000	21
85	n-Butyl Acetate	56	8.532	8.532	(1.009)	58447	20.0000	17(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	99008	20.0000	23
87	1-Chlorohexane	91	8.543	8.543	(1.010)	144514	20.0000	18(M)
88	Chlorobenzene	112	8.479	8.479	(1.003)	371107	20.0000	19
89	1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	147798	20.0000	22
90	Ethylbenzene	106	8.564	8.564	(1.013)	187943	20.0000	18
91	Xylene (total)mp	106	8.767	8.767	(1.037)	454340	40.0000	37
92	Xylene (total)o	106	9.296	9.296	(1.099)	217211	20.0000	18
93	Styrene	104	9.365	9.365	(1.107)	364613	20.0000	19
94	Bromoform	173	9.344	9.344	(1.105)	114681	20.0000	23
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	366755	25.0000	
96	Isopropylbenzene	105	9.675	9.675	(0.883)	489194	20.0000	18
97	Bromobenzene	156	10.011	10.011	(0.914)	175149	20.0000	19
98	1,1,2,2-Tetrachloroethane	83	10.182	10.182	(0.929)	149525	20.0000	19
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	509713	20.0000	18
100	1,2,3-Trichloropropane	110	10.278	10.278	(0.938)	59476	20.0000	22
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	103794	40.0000	51
102	n-Propylbenzene	91	10.101	10.101	(0.922)	548066	20.0000	18
103	2-Chlorotoluene	91	10.214	10.214	(0.932)	435736	20.0000	19
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	412246	20.0000	19
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	425829	20.0000	19
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	340475	20.0000	18
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	435815	20.0000	19
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	458084	20.0000	18
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	419302	20.0000	18
110	1,3-Dichlorobenzene	146	10.886	10.886	(0.994)	295387	20.0000	19
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	305201	20.0000	19
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	296692	20.0000	19
113	Benzyl Chloride	126	11.185	11.185	(1.021)	76836	20.0000	21
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	229150	20.0000	18
115	n-Butylbenzene	91	11.222	11.222	(1.024)	362347	20.0000	19
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	427651	20.0000	19
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	38606	20.0000	24
120	Nitrobenzene	77	12.332	12.332	(1.126)	149251	200.000	190
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	227820	20.0000	19
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	102098	20.0000	18
123	Naphthalene	128	12.653	12.653	(1.155)	631760	20.0000	20
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	230690	20.0000	20
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	205178	20.0000	22
M 126	1,2-Dichloroethene (total)	100				274121	40.0000	35
M 127	Xylene (total)	100				671551	60.0000	55

QC Flag Legend

M - Compound response manually integrated.

Data File: V2025.D

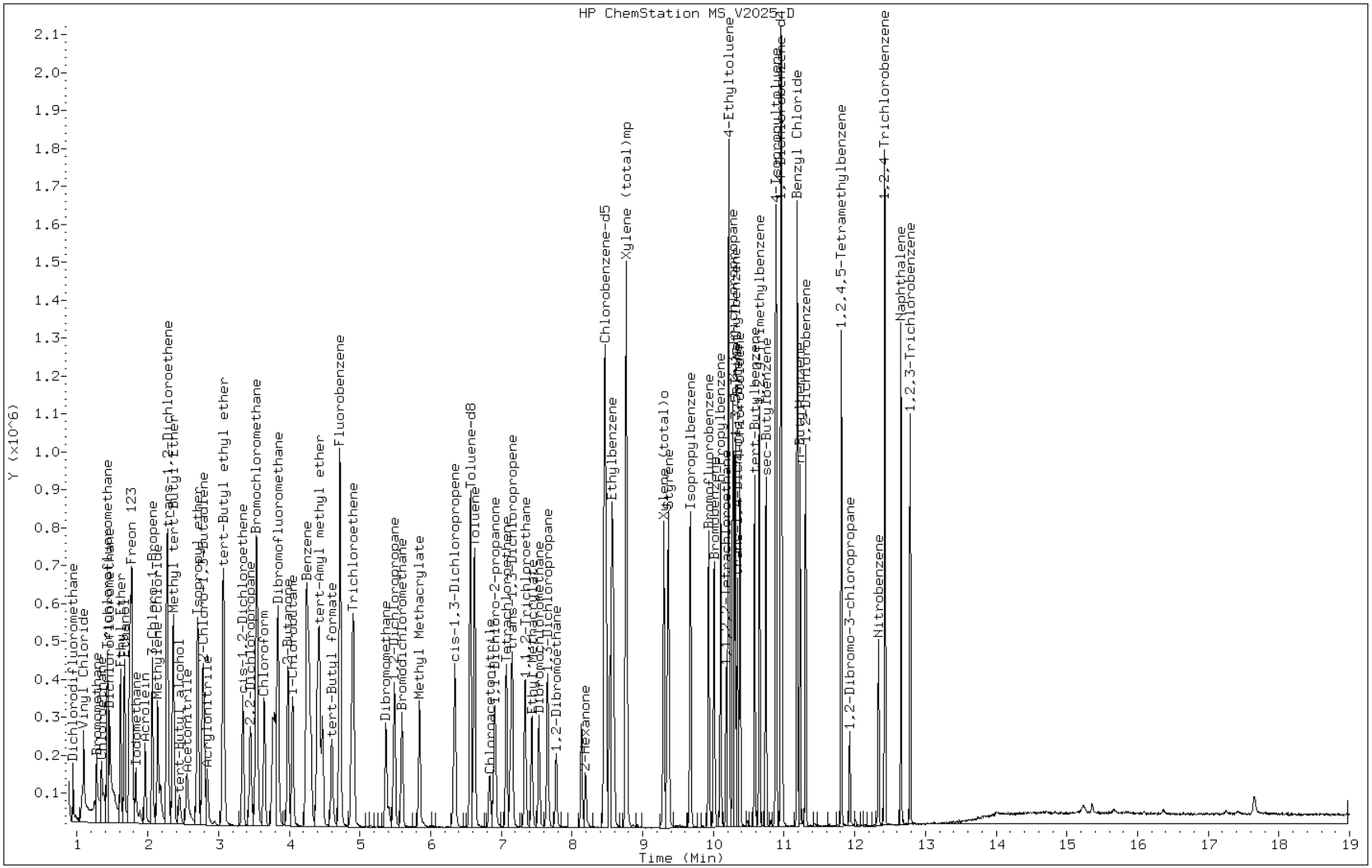
Date: 25-FEB-2009 10:04

Client ID: CCVIS

Instrument: msv.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2025.D
Inj. Date and Time: 25-FEB-2009 10:04
Instrument ID: msv.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/25/2009

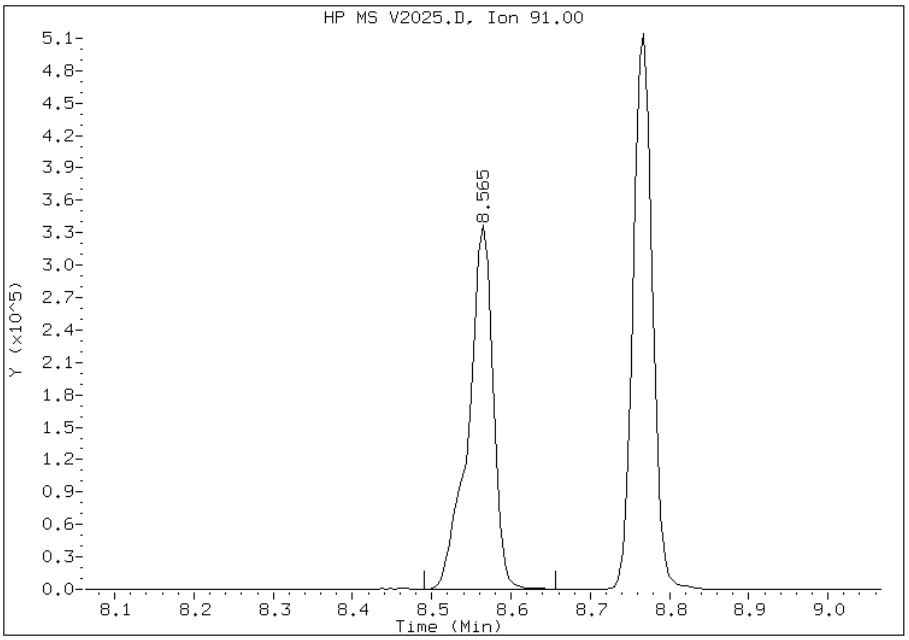
Processing Integration Results

RT: 8.56

Response: 720733

Amount: 88

Conc: 88



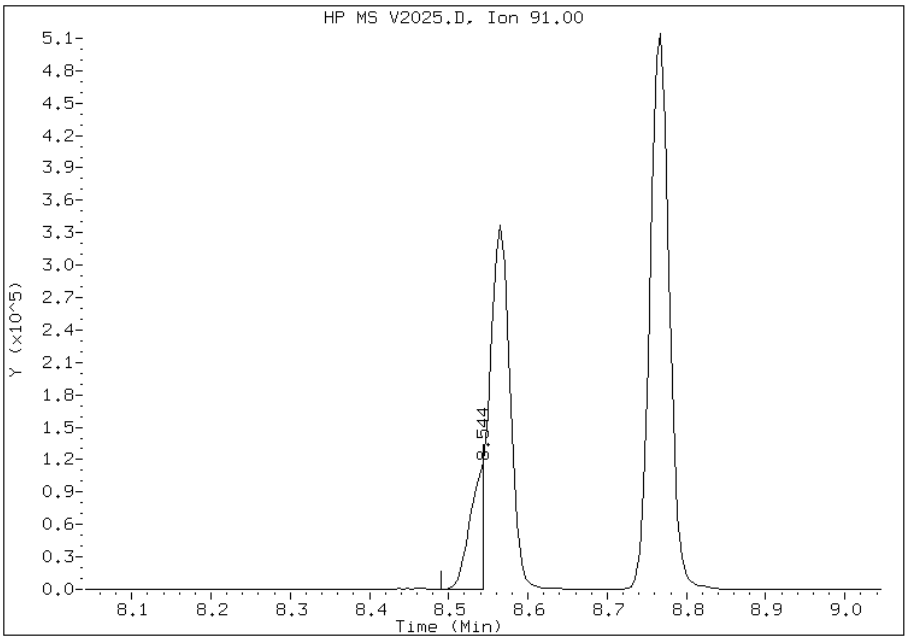
Manual Integration Results

RT: 8.54

Response: 144514

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2025.D
Inj. Date and Time: 25-FEB-2009 10:04
Instrument ID: msv.i
Client ID: CCVIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/25/2009

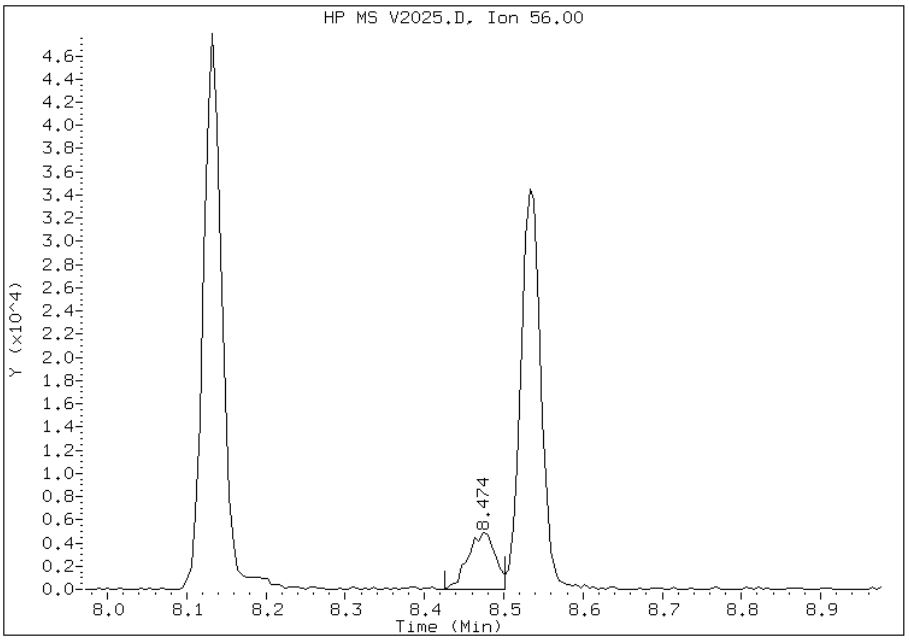
Processing Integration Results

RT: 8.47

Response: 11718

Amount: 4

Conc: 4



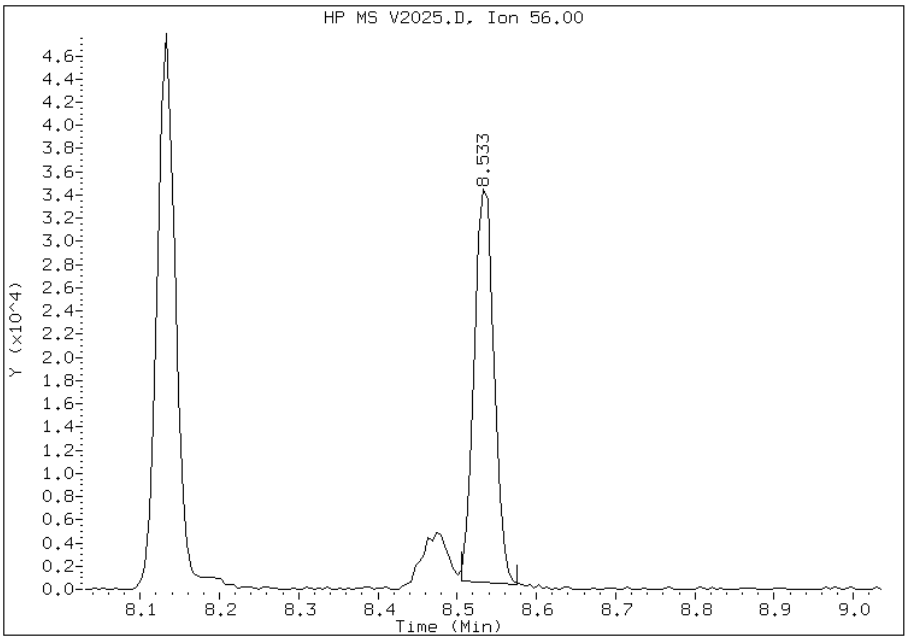
Manual Integration Results

RT: 8.53

Response: 58447

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2025.D
Inj. Date and Time: 25-FEB-2009 10:04
Instrument ID: msv.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/25/2009

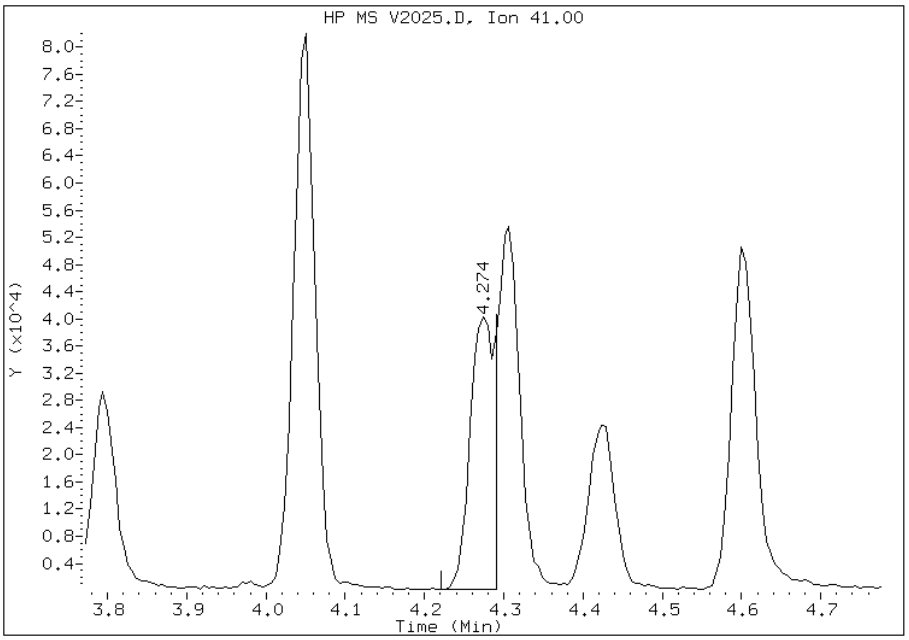
Processing Integration Results

RT: 4.27

Response: 87042

Amount: 17

Conc: 17



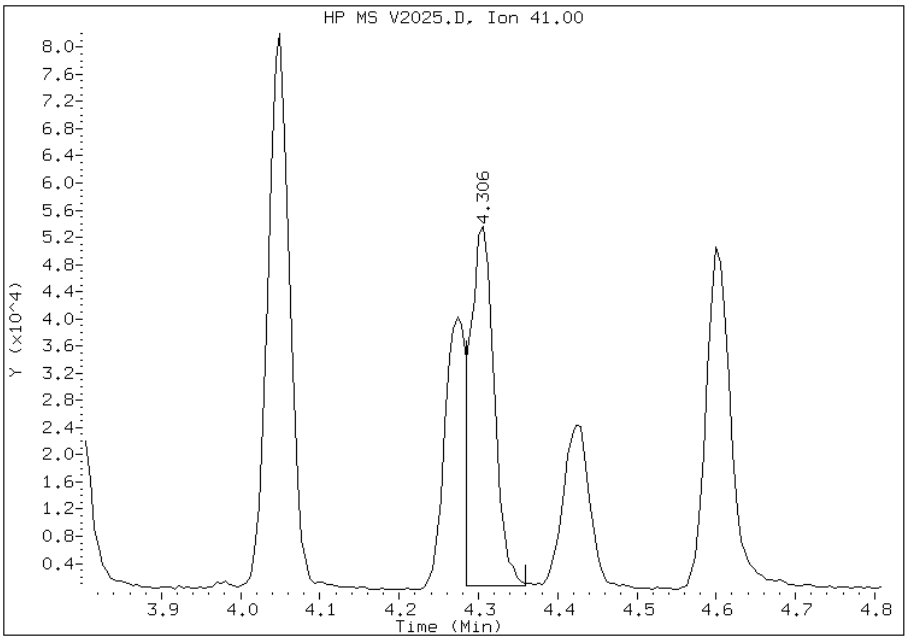
Manual Integration Results

RT: 4.31

Response: 113059

Amount: 23

Conc: 23



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24434/1 Calibration Date: 02/18/2009 09:21

Instrument ID: MSW Calib Start Date: 02/16/2009 18:01

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/16/2009 20:28

Lab File ID: W3073.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Ave	0.3403	0.3041		18.0	20.0	-10.7	30.0
Chloromethane	Lin	0.3443	0.3244	0.1000	22.0	20.0	9.0	30.0
Vinyl chloride	Lin	0.4091	0.3290		19.0	20.0	-6.8	20.0
Bromomethane	Lin	0.2413	0.2238		24.0	20.0	21.7	30.0
Chloroethane	Lin	0.2457	0.2048		22.0	20.0	8.3	30.0
Trichlorofluoromethane	Ave	0.7996	0.6281		16.0	20.0	-21.5	30.0
Dichlorofluoromethane	Lin	0.8169	0.7183		20.0	20.0	1.5	30.0
Ethyl ether	Lin	0.2140	0.2036		23.0	20.0	14.9	30.0
1,1-Dichloro-1-fluoroethane	Lin	0.8174	0.7796		23.0	20.0	12.6	30.0
Ethanol	Lin	0.0186	0.0161		220	200	9.8	30.0
1,1-Dichloroethene	Lin	0.3119	0.2964		22.0	20.0	10.8	20.0
Carbon disulfide	Lin	0.8968	0.9649		25.0	20.0	24.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3684	0.3603		20.0	20.0	-2.2	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Qua	0.1000	0.0876		23.0	20.0	17.2	30.0
Iodomethane	Lin	0.2015	0.2219		18.0	20.0	-12.5	30.0
Acrolein	Qua	0.0279	0.0534		210	100	107.0*	30.0
3-Chloro-1-propene	Lin	0.4544	0.4690		23.0	20.0	16.1	30.0
Isopropyl alcohol	Lin	0.0459	0.0469		23.0	20.0	15.1	30.0
Methylene Chloride	Lin	0.3966	0.3907		23.0	20.0	13.8	30.0
Acetone	Lin	0.1857	0.1777		25.0	20.0	25.9	30.0
trans-1,2-Dichloroethene	Lin	0.3813	0.3862		23.0	20.0	16.3	30.0
Methyl acetate	Ave	1.535	1.629		21.0	20.0	6.1	30.0
Methyl tert-butyl ether	Ave	1.388	1.482		21.0	20.0	6.8	30.0
2-Methyl-2-propanol	Lin	0.0614	0.0519		110	100	5.5	30.0
Acetonitrile	Lin	0.0471	0.0477		230	200	15.9	30.0
Isopropyl ether	Ave	0.9740	1.100		23.0	20.0	13.0	30.0
2-Chloro-1,3-butadiene	Ave	0.2715	0.2760		20.0	20.0	1.6	30.0
1,1-Dichloroethane	Ave	0.6847	0.7192	0.1000	21.0	20.0	5.0	30.0
Acrylonitrile	Ave	0.1496	0.1591		43.0	40.0	6.3	30.0
Tert-butyl ethyl ether	Ave	1.221	1.374		23.0	20.0	12.6	30.0
Vinyl acetate	Ave	0.7808	0.8916		23.0	20.0	14.2	30.0
cis-1,2-Dichloroethene	Ave	0.4410	0.4595		21.0	20.0	4.2	30.0
2,2-Dichloropropane	Lin	0.7085	0.7154		23.0	20.0	15.0	30.0
1-Bromopropane	Ave	0.4689	0.4908		21.0	20.0	4.7	30.0
Chlorobromomethane	Ave	0.2349	0.2502		21.0	20.0	6.5	30.0
Cyclohexane	Qua	0.4448	0.4877		24.0	20.0	21.9	30.0
Chloroform	Ave	0.8048	0.8255		21.0	20.0	2.6	20.0
Carbon tetrachloride	Lin	0.6836	0.6650		22.0	20.0	8.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24434/1 Calibration Date: 02/18/2009 09:21

Instrument ID: MSW Calib Start Date: 02/16/2009 18:01

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/16/2009 20:28

Lab File ID: W3073.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Ethyl acetate	Ave	0.0494	0.0481		39.0	40.0	-2.7	30.0
Tetrahydrofuran	Ave	0.1233	0.1375		45.0	40.0	11.5	30.0
Methyl acrylate	Ave	0.3445	0.3687		21.0	20.0	7.0	30.0
1,1,1-Trichloroethane	Ave	0.7757	0.7700		20.0	20.0	-0.7	30.0
2-Butanone (MEK)	Ave	0.1792	0.1873		39.0	20.0	4.5	30.0
1,1-Dichloropropene	Ave	0.5237	0.5506		21.0	20.0	5.2	30.0
1-Chlorobutane	Ave	0.7053	0.7670		22.0	20.0	8.8	30.0
Benzene	Ave	1.501	1.590		21.0	20.0	6.0	30.0
n-Heptane	Ave	0.2271	0.2610		23.0	20.0	14.9	30.0
Propionitrile	Ave	0.0589	0.0635		220	200	7.7	30.0
Methacrylonitrile	Ave	0.2606	0.2725		21.0	20.0	4.6	30.0
Isobutyl alcohol	Lin	0.0067	0.0067		230	200	16.6	30.0
Tert-amyl methyl ether	Ave	1.151	1.317		23.0	20.0	14.5	30.0
1,2-Dichloroethane	Ave	0.7420	0.7743		21.0	20.0	4.4	30.0
tert-Butyl Formate	Qua	0.1179	0.0692		8.80	20.0	-55.9*	30.0
Isopropyl acetate	Ave	0.0097	0.0122		51.0	40.0	26.5	30.0
Methylcyclohexane	Ave	0.4620	0.4753		21.0	20.0	2.9	30.0
Trichloroethene	Ave	0.4761	0.4838		20.0	20.0	1.6	30.0
Dibromomethane	Ave	0.2857	0.3045		21.0	20.0	6.6	30.0
n-Butanol	Lin	0.0067	0.0072		190	200	-6.5	30.0
1,2-Dichloropropane	Ave	0.3610	0.3870		21.0	20.0	7.2	20.0
Dichlorobromomethane	Ave	0.6194	0.6362		21.0	20.0	2.7	30.0
1,4-Dioxane	Ave	0.0027	0.0028		200	200	1.8	30.0
Methyl methacrylate	Lin	0.2925	0.3272		20.0	20.0	-1.2	30.0
n-Propyl acetate	Lin	0.0487	0.0493		37.0	40.0	-7.8	30.0
2-Chloroethyl vinyl ether	Lin	0.1455	0.1475		18.0	20.0	-8.8	30.0
cis-1,3-Dichloropropene	Ave	0.6289	0.7149		23.0	20.0	13.7	30.0
Toluene	Ave	1.590	1.688		21.0	20.0	6.2	20.0
Chloroacetonitrile	Lin	0.0107	0.0137		230	200	12.6	30.0
2-Nitropropane	Ave	0.1489	0.1473		40.0	40.0	-1.1	30.0
1,1-Dichloroacetone	Ave	0.1994	0.2119		110	100	6.3	30.0
Tetrachloroethene	Ave	0.3601	0.3437		19.0	20.0	-4.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2968	0.3185		21.0	20.0	7.3	30.0
trans-1,3-Dichloropropene	Ave	0.6422	0.7551		24.0	20.0	17.6	30.0
1,1,2-Trichloroethane	Ave	0.3830	0.4139		22.0	20.0	8.1	30.0
Ethyl methacrylate	Lin	0.3732	0.4004		19.0	20.0	-5.8	30.0
Chlorodibromomethane	Ave	0.4917	0.5098		21.0	20.0	3.7	30.0
1,3-Dichloropropane	Ave	0.6428	0.6946		22.0	20.0	8.1	30.0
Ethylene Dibromide	Ave	0.3966	0.4094		21.0	20.0	3.2	30.0
2-Hexanone	Lin	0.2065	0.2315		20.0	20.0	-1.3	30.0
Chlorobenzene	Ave	1.154	1.161	0.3000	20.0	20.0	0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24434/1 Calibration Date: 02/18/2009 09:21

Instrument ID: MSW Calib Start Date: 02/16/2009 18:01

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/16/2009 20:28

Lab File ID: W3073.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
1-Chlorohexane	Ave	0.4093	0.2990		15.0	20.0	-27.0	30.0
n-Butyl acetate	Lin	0.1633	0.1628		20.0	20.0	1.9	30.0
Ethylbenzene	Ave	0.5592	0.5827		21.0	20.0	4.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4544	0.4667		21.0	20.0	2.7	30.0
m-Xylene & p-Xylene	Ave	0.6628	0.7168		43.0	40.0	8.1	30.0
o-Xylene	Ave	0.6176	0.6743		22.0	20.0	9.2	30.0
Bromoform	Ave	0.3422	0.3479	0.1000	20.0	20.0	1.7	30.0
Styrene	Lin	0.9691	1.076		19.0	20.0	-3.1	30.0
Isopropylbenzene	Ave	2.440	2.540		21.0	20.0	4.1	30.0
Bromobenzene	Ave	0.8774	0.8543		19.0	20.0	-2.6	30.0
N-Propylbenzene	Ave	2.721	2.850		21.0	20.0	4.8	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7381	0.7479	0.3000	20.0	20.0	1.3	30.0
2-Chlorotoluene	Ave	2.266	2.311		20.0	20.0	2.0	30.0
4-Ethyltoluene	Lin	2.493	2.705		21.0	20.0	2.7	30.0
1,2,3-Trichloropropane	Ave	0.3147	0.3092		20.0	20.0	-1.7	30.0
1,3,5-Trimethylbenzene	Ave	2.206	2.323		21.0	20.0	5.3	30.0
trans-1,4-Dichloro-2-butene	Lin	0.2316	0.2498		40.0	40.0	-0.2	30.0
4-Chlorotoluene	Ave	2.123	2.152		20.0	20.0	1.4	30.0
tert-Butylbenzene	Ave	1.733	1.796		21.0	20.0	3.7	30.0
1,2,4-Trimethylbenzene	Ave	2.183	2.384		22.0	20.0	9.2	30.0
sec-Butylbenzene	Lin	2.194	2.308		20.0	20.0	0.1	30.0
4-Isopropyltoluene	Lin	1.990	2.159		20.0	20.0	-0.5	30.0
1,3-Dichlorobenzene	Ave	1.461	1.465		20.0	20.0	0.3	30.0
1,4-Dichlorobenzene	Ave	1.543	1.503		19.0	20.0	-2.6	30.0
p-Diethylbenzene	Lin	1.027	1.137		20.0	20.0	-2.0	30.0
Benzyl chloride	Lin	0.3318	0.3851		21.0	20.0	4.5	30.0
n-Butylbenzene	Lin	1.575	1.821		21.0	20.0	4.8	30.0
1,2-Dichlorobenzene	Ave	1.469	1.468		20.0	20.0	0.1	30.0
1,2,4,5-Tetramethylbenzene	Lin	1.737	2.025		19.0	20.0	-6.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1879	0.1838		20.0	20.0	-2.2	30.0
Nitrobenzene	Qua	0.0403	0.0350		160	200	-22.4	30.0
Hexachlorobutadiene	Lin	0.5549	0.4598		19.0	20.0	-7.0	30.0
1,2,4-Trichlorobenzene	Lin	0.7713	0.9114		18.0	20.0	-7.6	30.0
Naphthalene	Lin	1.616	2.067		17.0	20.0	-13.3	30.0
1,2,3-Trichlorobenzene	Lin	0.7313	0.8731		18.0	20.0	-7.7	30.0
Dibromofluoromethane	Ave	0.4441	0.4217		24.0	25.0	-5.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6005	0.5506		23.0	25.0	-8.3	30.0
Toluene-d8 (Surr)	Ave	1.392	1.395		25.0	25.0	0.2	30.0
4-Bromofluorobenzene	Ave	0.9673	0.7866		20.0	25.0	-18.7	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W3073.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 18-FEB-2009 09:21 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W8260LOW.m
Meth Date : 18-Feb-2009 09:42 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 38 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	277596	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	67526	20.0000	18
3	Chloromethane	50	1.159	1.159	(0.234)	72031	20.0000	22
4	Vinyl Chloride	62	1.175	1.175	(0.237)	73066	20.0000	19
5	Bromomethane	94	1.367	1.367	(0.276)	49690	20.0000	24
6	Chloroethane	64	1.448	1.448	(0.292)	45476	20.0000	22
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	139479	20.0000	16
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	159508	20.0000	20
9	Ethyl Ether	45	1.737	1.737	(0.350)	45219	20.0000	23
10	Ethanol	45	1.795	1.795	(0.362)	35745	200.000	220
11	Freon 141	81	1.795	1.795	(0.362)	173125	20.0000	22
12	Freon 123	67	1.913	1.913	(0.386)	19450	20.0000	23
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	80011	20.0000	20
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	65814	20.0000	22
15	Carbon Disulfide	76	1.886	1.886	(0.380)	214276	20.0000	25
16	Iodomethane	142	1.972	1.972	(0.397)	49279	20.0000	18
17	Acrolein	56	2.111	2.111	(0.425)	59284	100.000	210
18	2-Propanol	45	2.250	2.250	(0.453)	10422	20.0000	23
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	104159	20.0000	23
20	Methylene Chloride	84	2.304	2.304	(0.464)	86768	20.0000	23
21	Acetone	43	2.346	2.346	(0.473)	39464	20.0000	25
22	trans-1,2-Dichloroethene	96	2.443	2.443	(0.492)	85769	20.0000	23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.496)	361815	20.0000	21
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.513)	329154	20.0000	21
	25 tert-Butyl alcohol	59	2.635	2.635	(0.531)	57662	100.000	100
	26 Acetonitrile	41	2.742	2.742	(0.553)	105968	200.000	230
	27 Isopropyl ether	45	2.919	2.919	(0.588)	244372	20.0000	22
	28 tert-Butyl ethyl ether	59	3.299	3.299	(0.665)	305098	20.0000	22
	29 2-Chloro-1,3-Butadiene	88	2.994	2.994	(0.603)	61285	20.0000	20
	30 Acrylonitrile	53	3.058	3.058	(0.616)	70653	40.0000	42
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	159722	20.0000	21
	32 Vinyl Acetate	43	3.304	3.304	(0.666)	197997	20.0000	23
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.721)	102037	20.0000	21
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	158877	20.0000	23
	35 Bromochloromethane	128	3.780	3.780	(0.762)	55559	20.0000	21
	36 1-Bromopropane	43	3.759	3.759	(0.757)	108992	20.0000	21
	37 Cyclohexane	84	3.780	3.780	(0.762)	108310	20.0000	24
	38 Chloroform	83	3.882	3.882	(0.782)	183332	20.0000	20
	39 Ethyl Acetate	43	4.037	4.037	(0.814)	21360	40.0000	39
	40 Methyl Acrylate	55	4.042	4.042	(0.815)	81880	20.0000	21
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	117050	20.0000	24
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	61068	40.0000	44
	43 Carbon Tetrachloride	117	4.010	4.010	(0.808)	147681	20.0000	22
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.823)	171004	20.0000	20
	45 2-Butanone	43	4.219	4.219	(0.850)	41589	20.0000	39(H)
	46 1,1-Dichloropropene	75	4.224	4.224	(0.851)	122283	20.0000	21
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.941)	292547	20.0000	23
	48 tert-Butyl formate	57	4.845	4.845	(0.976)	15363	20.0000	9
	49 1-Chlorobutane	56	4.288	4.288	(0.864)	170337	20.0000	22
	50 Heptane	43	4.513	4.513	(0.909)	57955	20.0000	23
	51 Propionitrile	54	4.518	4.518	(0.911)	140929	200.000	220
	52 Benzene	78	4.486	4.486	(0.904)	353211	20.0000	21
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.916)	60510	20.0000	21(M)
	54 Isobutyl alcohol	42	4.663	4.663	(0.940)	14886	200.000	230
$	55 1,2-Dichloroethane-d4	65	4.641	4.641	(0.935)	152841	20.0000	23
	56 1,2-Dichloroethane	62	4.711	4.711	(0.949)	171955	20.0000	21
	59 Methyl Cyclohexane	83	5.134	5.134	(1.034)	105558	20.0000	20
	60 Trichloroethene	130	5.155	5.155	(1.039)	107439	20.0000	20
	61 Isopropyl Acetate	43	5.128	5.128	(1.033)	5429	40.0000	51
	62 n-Butanol	56	5.647	5.647	(1.138)	15907	200.000	190
	63 Dibromomethane	93	5.615	5.615	(1.132)	67627	20.0000	21
	64 1,2-Dichloropropane	63	5.738	5.738	(1.156)	85937	20.0000	21
	65 Bromodichloromethane	83	5.840	5.840	(1.177)	141276	20.0000	20
	66 Methyl Methacrylate	69	6.086	6.086	(1.226)	72657	20.0000	20
	67 1,4-Dioxane	58	6.086	6.086	(1.226)	6132	200.000	200
	68 n-Propyl Acetate	43	6.562	6.562	(1.322)	21903	40.0000	37
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.323)	32764	20.0000	18
	70 cis-1,3-Dichloropropene	75	6.589	6.589	(1.328)	158765	20.0000	23
	71 Chloroacetonitrile	48	7.076	7.076	(1.426)	30517	200.000	220
	72 2-Nitropropane	41	7.145	7.145	(1.440)	65437	40.0000	40
	73 trans-1,3-Dichloropropene	75	7.397	7.397	(1.490)	167699	20.0000	24
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.528)	91926	20.0000	22
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	295483	25.0000	
	76 Toluene	91	6.867	6.867	(0.788)	399047	20.0000	21
$	77 Toluene-d8	98	6.813	6.813	(0.782)	412091	20.0000	25
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	250398	100.000	110

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	75285	20.0000	21
80	Tetrachloroethene	164	7.327	7.327	(0.841)	81252	20.0000	19
81	Ethyl Methacrylate	69	7.669	7.669	(0.880)	94656	20.0000	19
82	Dibromochloromethane	129	7.782	7.782	(0.893)	120518	20.0000	21
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	164186	20.0000	22
84	1,2-Dibromoethane	107	8.033	8.033	(0.922)	96775	20.0000	21
85	n-Butyl Acetate	56	8.782	8.782	(1.008)	38480	20.0000	20(M)
86	2-Hexanone	43	8.434	8.434	(0.968)	54726	20.0000	20
87	1-Chlorohexane	91	8.782	8.782	(1.008)	70668	20.0000	15(M)
88	Chlorobenzene	112	8.729	8.729	(1.002)	274358	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	8.836	8.836	(1.014)	110331	20.0000	20
90	Ethylbenzene	106	8.814	8.814	(1.012)	137752	20.0000	21
91	Xylene (total)mp	106	9.012	9.012	(1.034)	338861	40.0000	43
92	Xylene (total)o	106	9.515	9.515	(1.092)	159404	20.0000	22
93	Styrene	104	9.579	9.579	(1.099)	254287	20.0000	19
94	Bromoform	173	9.563	9.563	(1.098)	82247	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	180555	25.0000	
96	Isopropylbenzene	105	9.873	9.873	(0.888)	366860	20.0000	21
97	Bromobenzene	156	10.200	10.200	(0.917)	123392	20.0000	19
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.932)	108026	20.0000	20
99	4-Ethyltoluene	105	10.398	10.398	(0.935)	390770	20.0000	20
100	1,2,3-Trichloropropane	110	10.451	10.451	(0.940)	44662	20.0000	20
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.946)	72166	40.0000	40
102	n-Propylbenzene	91	10.285	10.285	(0.925)	411665	20.0000	21
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	333798	20.0000	20
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	310902	20.0000	20
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.943)	335494	20.0000	21
106	tert-Butylbenzene	119	10.751	10.751	(0.967)	259445	20.0000	21
107	1,2,4-Trimethylbenzene	105	10.815	10.815	(0.973)	344353	20.0000	22
108	sec-Butylbenzene	105	10.906	10.906	(0.981)	333431	20.0000	20
109	4-Isopropyltoluene	119	11.040	11.040	(0.993)	311898	20.0000	20
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	211672	20.0000	20
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	217160	20.0000	19
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	212023	20.0000	20
113	Benzyl Chloride	126	11.345	11.345	(1.020)	55627	20.0000	21
114	1,4-Diethylbenzene	119	11.339	11.339	(1.020)	164247	20.0000	20
115	n-Butylbenzene	91	11.382	11.382	(1.024)	263010	20.0000	21
118	1,2,4,5-Tetramethylbenzene	119	11.955	11.955	(1.075)	292526	20.0000	19
119	1,2-Dibromo-3-chloropropane	75	12.078	12.078	(1.086)	26555	20.0000	20
120	Nitrobenzene	77	12.484	12.484	(1.123)	50500	200.000	160
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.131)	131647	20.0000	18
122	Hexachlorobutadiene	225	12.570	12.570	(1.130)	66408	20.0000	18
123	Naphthalene	128	12.800	12.800	(1.151)	298583	20.0000	17
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	126115	20.0000	18
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.911)	142029	20.0000	20
M 126	1,2-Dichloroethene (total)	100				187806	40.0000	44
M 127	Xylene (total)	100				498265	60.0000	65

QC Flag Legend

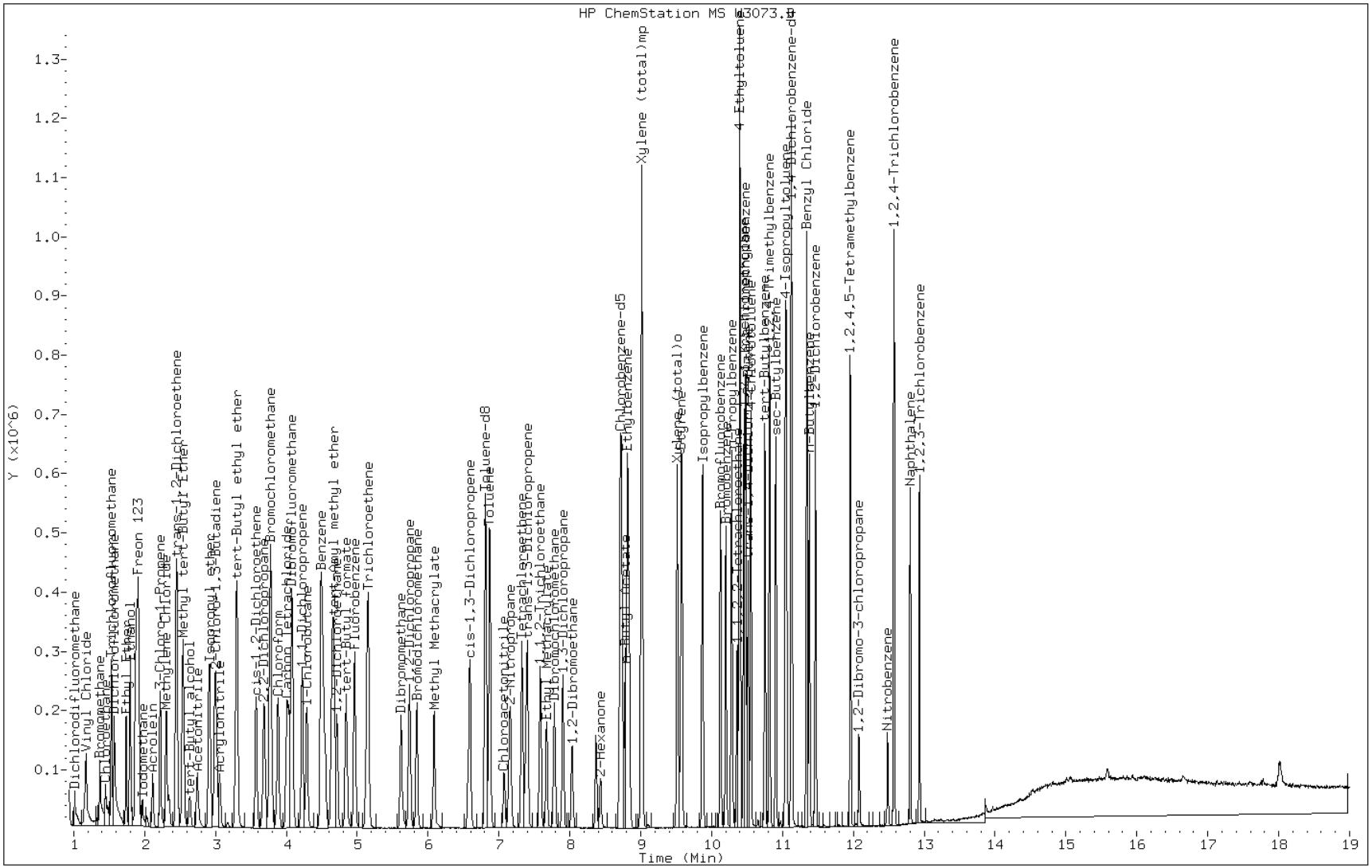
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3073.D

Date: 18-FEB-2009 09:21

Client ID: CCVIS Instrument: msw.i

Sample Info: CCVIS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3073.D
Inj. Date and Time: 18-FEB-2009 09:21
Instrument ID: msw.i
Client ID: CCVIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/18/2009

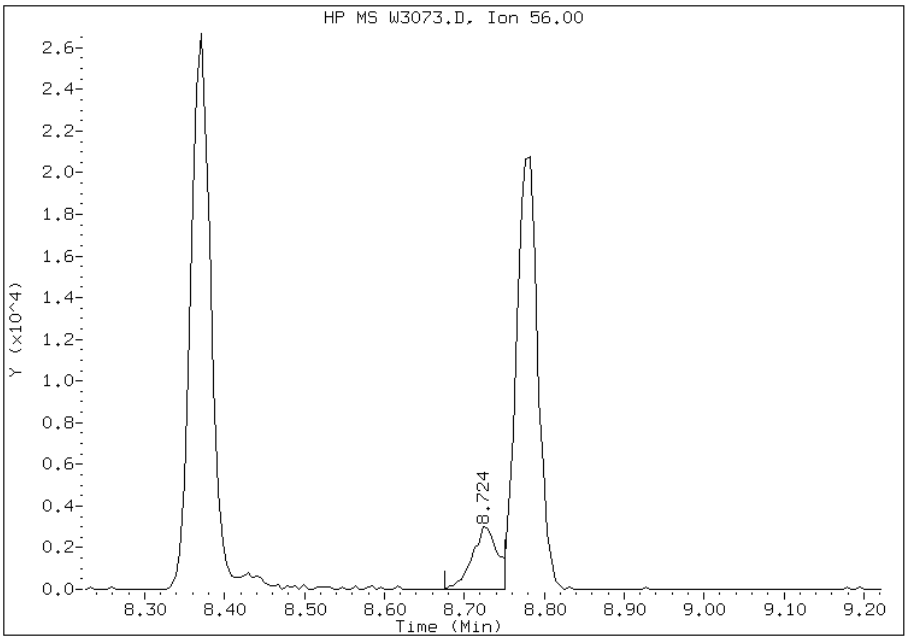
Processing Integration Results

RT: 8.72

Response: 6661

Amount: 4

Conc: 4



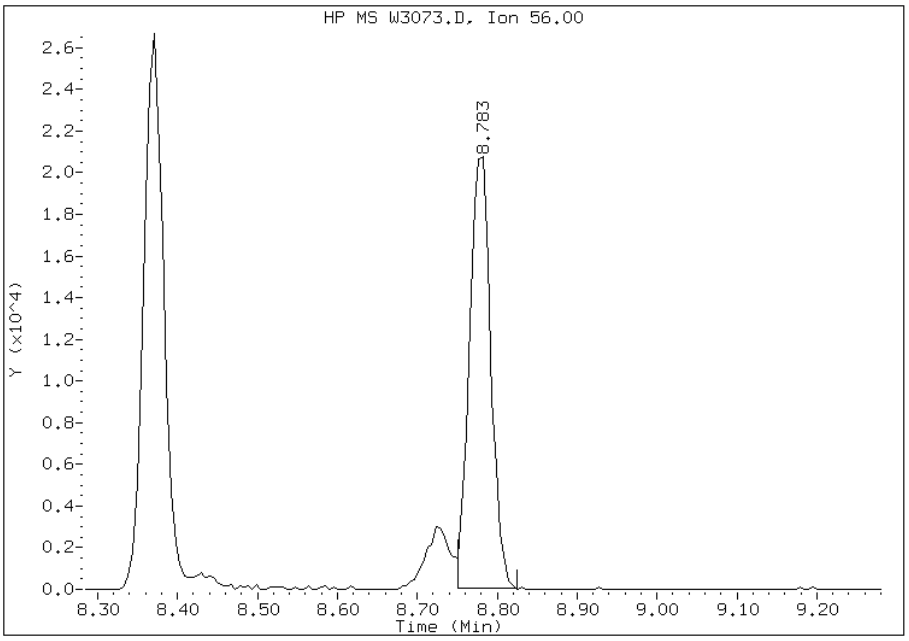
Manual Integration Results

RT: 8.78

Response: 38480

Amount: 20

Conc: 20



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3073.D
Inj. Date and Time: 18-FEB-2009 09:21
Instrument ID: msw.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/18/2009

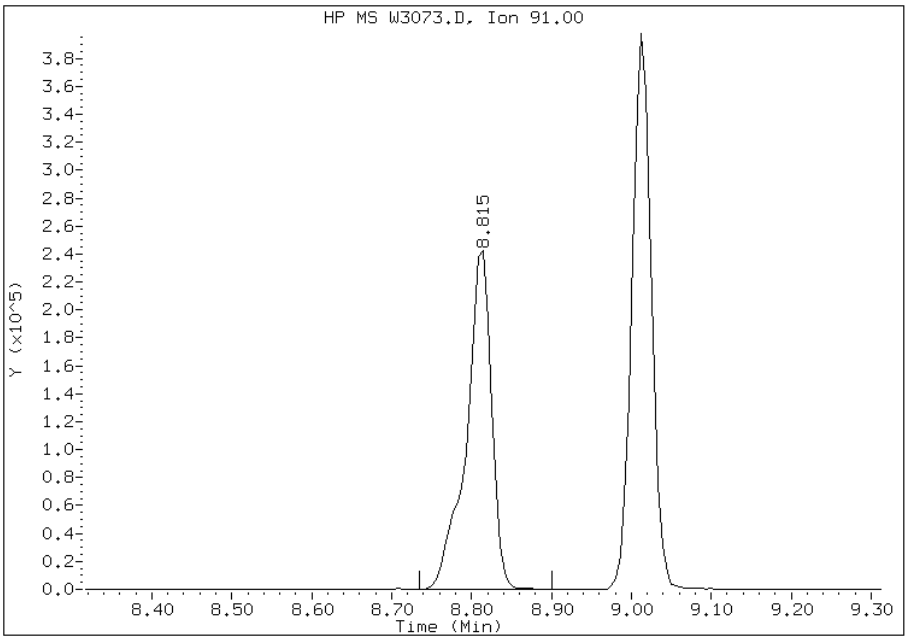
Processing Integration Results

RT: 8.81

Response: 531631

Amount: 110

Conc: 110



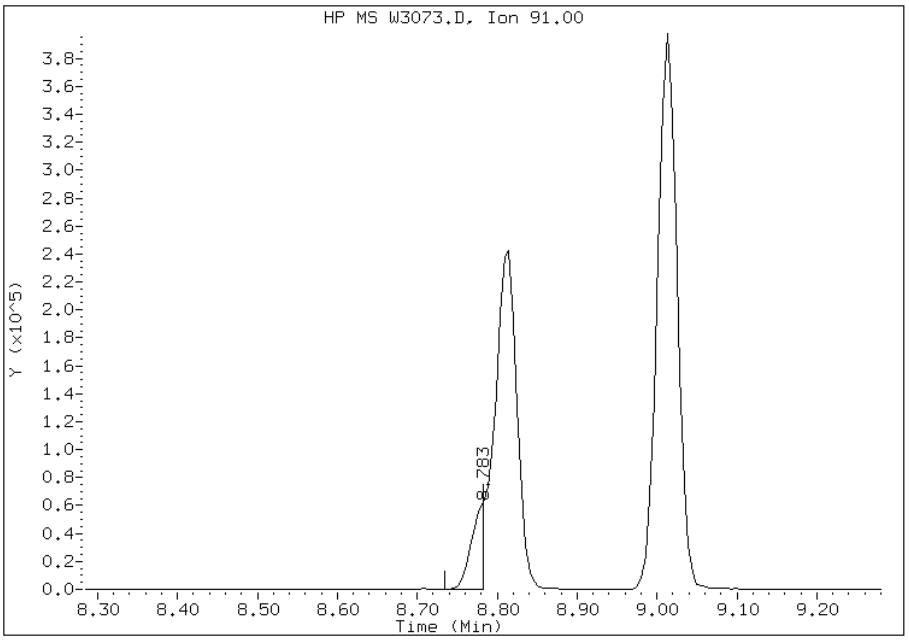
Manual Integration Results

RT: 8.78

Response: 70668

Amount: 15

Conc: 15



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3073.D
Inj. Date and Time: 18-FEB-2009 09:21
Instrument ID: msw.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/18/2009

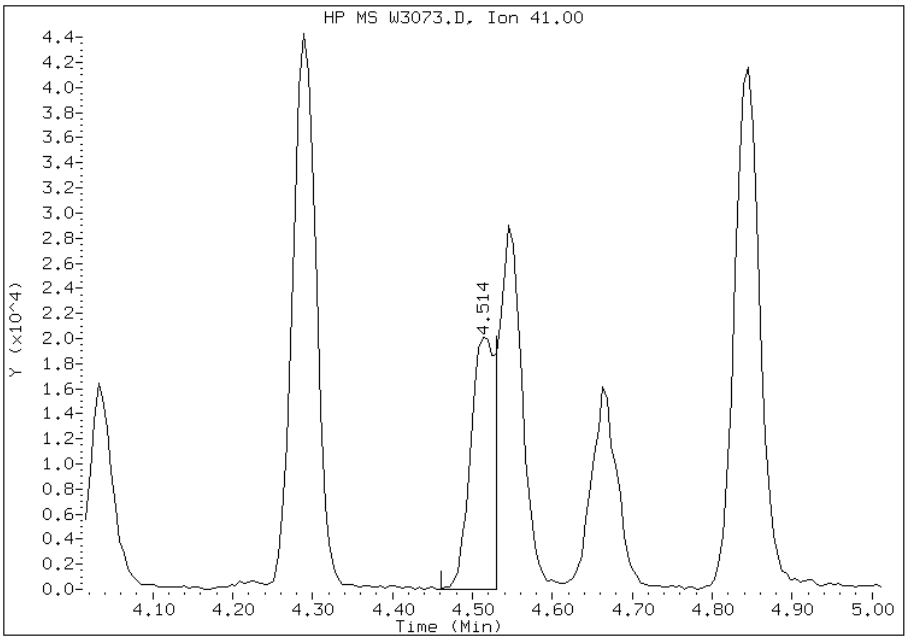
Processing Integration Results

RT: 4.51

Response: 43626

Amount: 15

Conc: 15



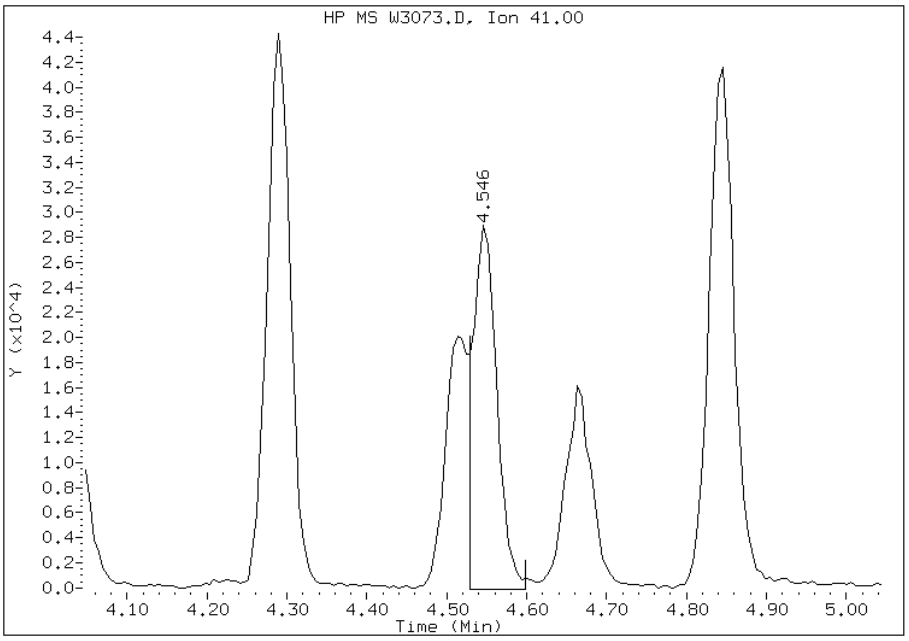
Manual Integration Results

RT: 4.55

Response: 60510

Amount: 21

Conc: 21



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24545/1 Calibration Date: 02/20/2009 13:40

Instrument ID: MSW Calib Start Date: 02/16/2009 18:01

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/16/2009 20:28

Lab File ID: W3152.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Ave	0.3403	0.3891		23.0	20.0	14.3	30.0
Chloromethane	Lin	0.3443	0.3651	0.1000	25.0	20.0	23.0	30.0
Vinyl chloride	Lin	0.4091	0.3870		22.0	20.0	10.1	20.0
Bromomethane	Lin	0.2413	0.1961		21.0	20.0	5.4	30.0
Chloroethane	Lin	0.2457	0.2026		21.0	20.0	7.0	30.0
Trichlorofluoromethane	Ave	0.7996	0.6885		17.0	20.0	-13.9	30.0
Dichlorofluoromethane	Lin	0.8169	0.5958		17.0	20.0	-17.0	30.0
Ethyl ether	Lin	0.2140	0.2132		24.0	20.0	20.8	30.0
1,1-Dichloro-1-fluoroethane	Lin	0.8174	0.6054		17.0	20.0	-13.9	30.0
Ethanol	Lin	0.0186	0.0128		170	200	-14.4	30.0
1,1-Dichloroethene	Lin	0.3119	0.2707		20.0	20.0	1.0	20.0
Carbon disulfide	Lin	0.8968	0.8700		22.0	20.0	11.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3684	0.3103		17.0	20.0	-15.8	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Qua	0.1000	0.0736		19.0	20.0	-2.7	30.0
Iodomethane	Lin	0.2015	0.2561		20.0	20.0	-1.2	30.0
Acrolein	Qua	0.0279	0.0626		240	100	138.0*	30.0
3-Chloro-1-propene	Lin	0.4544	0.4503		22.0	20.0	11.3	30.0
Isopropyl alcohol	Lin	0.0459	0.0525		26.0	20.0	28.7	30.0
Methylene Chloride	Lin	0.3966	0.3888		23.0	20.0	13.2	30.0
Acetone	Lin	0.1857	0.1562		22.0	20.0	8.0	30.0
trans-1,2-Dichloroethene	Lin	0.3813	0.3429		21.0	20.0	2.8	30.0
Methyl acetate	Ave	1.535	1.681		22.0	20.0	9.5	30.0
Methyl tert-butyl ether	Ave	1.388	1.366		20.0	20.0	-1.6	30.0
2-Methyl-2-propanol	Lin	0.0614	0.0514		100	100	4.3	30.0
Acetonitrile	Lin	0.0471	0.0515		250	200	25.5	30.0
Isopropyl ether	Ave	0.9740	1.082		22.0	20.0	11.1	30.0
2-Chloro-1,3-butadiene	Ave	0.2715	0.2545		19.0	20.0	-6.3	30.0
1,1-Dichloroethane	Ave	0.6847	0.6503	0.1000	19.0	20.0	-5.0	30.0
Acrylonitrile	Ave	0.1496	0.1624		43.0	40.0	8.6	30.0
Tert-butyl ethyl ether	Ave	1.221	1.265		21.0	20.0	3.7	30.0
Vinyl acetate	Ave	0.7808	0.8485		22.0	20.0	8.7	30.0
cis-1,2-Dichloroethene	Ave	0.4410	0.4130		19.0	20.0	-6.4	30.0
2,2-Dichloropropane	Lin	0.7085	0.5805		19.0	20.0	-7.5	30.0
1-Bromopropane	Ave	0.4689	0.4573		20.0	20.0	-2.5	30.0
Chlorobromomethane	Ave	0.2349	0.2286		19.0	20.0	-2.7	30.0
Cyclohexane	Qua	0.4448	0.4402		22.0	20.0	9.9	30.0
Chloroform	Ave	0.8048	0.7053		18.0	20.0	-12.4	20.0
Carbon tetrachloride	Lin	0.6836	0.5173		17.0	20.0	-16.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24545/1 Calibration Date: 02/20/2009 13:40

Instrument ID: MSW Calib Start Date: 02/16/2009 18:01

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/16/2009 20:28

Lab File ID: W3152.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Tetrahydrofuran	Ave	0.1233	0.1380		45.0	40.0	11.9	30.0
Ethyl acetate	Ave	0.0494	0.0503		41.0	40.0	1.8	30.0
Methyl acrylate	Ave	0.3445	0.3731		22.0	20.0	8.3	30.0
1,1,1-Trichloroethane	Ave	0.7757	0.6029		16.0	20.0	-22.3	30.0
2-Butanone (MEK)	Ave	0.1792	0.1731		36.0	20.0	-3.4	30.0
1,1-Dichloropropene	Ave	0.5237	0.4725		18.0	20.0	-9.8	30.0
1-Chlorobutane	Ave	0.7053	0.6722		19.0	20.0	-4.7	30.0
Benzene	Ave	1.501	1.476		20.0	20.0	-1.6	30.0
n-Heptane	Ave	0.2271	0.2369		21.0	20.0	4.3	30.0
Propionitrile	Ave	0.0589	0.0651		220	200	10.4	30.0
Methacrylonitrile	Ave	0.2606	0.2671		20.0	20.0	2.5	30.0
Isobutyl alcohol	Lin	0.0067	0.0058		200	200	-1.2	30.0
Tert-amyl methyl ether	Ave	1.151	1.225		21.0	20.0	6.4	30.0
1,2-Dichloroethane	Ave	0.7420	0.6209		17.0	20.0	-16.3	30.0
tert-Butyl Formate	Qua	0.1179	0.0550		7.10	20.0	-64.4*	30.0
Isopropyl acetate	Ave	0.0097	0.0109		45.0	40.0	12.9	30.0
Methylcyclohexane	Ave	0.4620	0.4352		19.0	20.0	-5.8	30.0
Trichloroethene	Ave	0.4761	0.4115		17.0	20.0	-13.6	30.0
Dibromomethane	Ave	0.2857	0.2716		19.0	20.0	-4.9	30.0
n-Butanol	Lin	0.0067	0.0074		190	200	-3.8	30.0
1,2-Dichloropropane	Ave	0.3610	0.3751		21.0	20.0	3.9	20.0
Dichlorobromomethane	Ave	0.6194	0.5489		18.0	20.0	-11.4	30.0
1,4-Dioxane	Ave	0.0027	0.0036		260	200	31.3*	30.0
Methyl methacrylate	Lin	0.2925	0.3238		20.0	20.0	-2.2	30.0
2-Chloroethyl vinyl ether	Lin	0.1455	0.1455		18.0	20.0	-10.0	30.0
n-Propyl acetate	Lin	0.0487	0.0446		33.0	40.0	-16.5	30.0
cis-1,3-Dichloropropene	Ave	0.6289	0.6596		21.0	20.0	4.9	30.0
Toluene	Ave	1.590	1.437		18.0	20.0	-9.7	20.0
Chloroacetonitrile	Lin	0.0107	0.0144		240	200	17.9	30.0
2-Nitropropane	Ave	0.1489	0.1316		35.0	40.0	-11.6	30.0
1,1-Dichloroacetone	Ave	0.1994	0.1994		100	100	0.0	30.0
Tetrachloroethene	Ave	0.3601	0.2728		15.0	20.0	-24.2	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2968	0.3017		20.0	20.0	1.7	30.0
trans-1,3-Dichloropropene	Ave	0.6422	0.6677		21.0	20.0	4.0	30.0
1,1,2-Trichloroethane	Ave	0.3830	0.3852		20.0	20.0	0.6	30.0
Ethyl methacrylate	Lin	0.3732	0.3801		18.0	20.0	-10.4	30.0
Chlorodibromomethane	Ave	0.4917	0.4226		17.0	20.0	-14.1	30.0
1,3-Dichloropropane	Ave	0.6428	0.6132		19.0	20.0	-4.6	30.0
Ethylene Dibromide	Ave	0.3966	0.3677		19.0	20.0	-7.3	30.0
2-Hexanone	Lin	0.2065	0.2184		19.0	20.0	-6.8	30.0
Chlorobenzene	Ave	1.154	0.9967	0.3000	17.0	20.0	-13.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: CCVIS 220-24545/1 Calibration Date: 02/20/2009 13:40

Instrument ID: MSW Calib Start Date: 02/16/2009 18:01

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 02/16/2009 20:28

Lab File ID: W3152.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Lin	0.1633	0.1344		17.0	20.0	-15.8	30.0
1-Chlorohexane	Ave	0.4093	0.3374		16.0	20.0	-17.6	30.0
Ethylbenzene	Ave	0.5592	0.4940		18.0	20.0	-11.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4544	0.3783		17.0	20.0	-16.7	30.0
m-Xylene & p-Xylene	Ave	0.6628	0.6034		36.0	40.0	-9.0	30.0
o-Xylene	Ave	0.6176	0.5707		18.0	20.0	-7.6	30.0
Bromoform	Ave	0.3422	0.2829	0.1000	17.0	20.0	-17.3	30.0
Styrene	Lin	0.9691	0.9248		17.0	20.0	-16.4	30.0
Isopropylbenzene	Ave	2.440	2.140		18.0	20.0	-12.3	30.0
Bromobenzene	Ave	0.8774	0.7325		17.0	20.0	-16.5	30.0
N-Propylbenzene	Ave	2.721	2.415		18.0	20.0	-11.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7381	0.7135	0.3000	19.0	20.0	-3.3	30.0
4-Ethyltoluene	Lin	2.493	2.264		17.0	20.0	-14.2	30.0
2-Chlorotoluene	Ave	2.266	1.925		17.0	20.0	-15.1	30.0
1,2,3-Trichloropropane	Ave	0.3147	0.2627		17.0	20.0	-16.5	30.0
1,3,5-Trimethylbenzene	Ave	2.206	1.879		17.0	20.0	-14.8	30.0
trans-1,4-Dichloro-2-butene	Lin	0.2316	0.2132		34.0	40.0	-15.2	30.0
4-Chlorotoluene	Ave	2.123	1.813		17.0	20.0	-14.6	30.0
tert-Butylbenzene	Ave	1.733	1.466		17.0	20.0	-15.4	30.0
1,2,4-Trimethylbenzene	Ave	2.183	1.955		18.0	20.0	-10.4	30.0
sec-Butylbenzene	Lin	2.194	1.934		17.0	20.0	-15.8	30.0
4-Isopropyltoluene	Lin	1.990	1.742		16.0	20.0	-19.3	30.0
1,3-Dichlorobenzene	Ave	1.461	1.197		16.0	20.0	-18.0	30.0
1,4-Dichlorobenzene	Ave	1.543	1.254		16.0	20.0	-18.7	30.0
p-Diethylbenzene	Lin	1.027	0.9235		16.0	20.0	-19.6	30.0
Benzyl chloride	Lin	0.3318	0.3314		18.0	20.0	-9.9	30.0
n-Butylbenzene	Lin	1.575	1.507		17.0	20.0	-12.9	30.0
1,2-Dichlorobenzene	Ave	1.469	1.242		17.0	20.0	-15.4	30.0
1,2,4,5-Tetramethylbenzene	Lin	1.737	1.666		16.0	20.0	-22.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1879	0.1535		16.0	20.0	-18.3	30.0
Nitrobenzene	Qua	0.0403	0.0334		150	200	-25.2	30.0
Hexachlorobutadiene	Lin	0.5549	0.3652		15.0	20.0	-25.7	30.0
1,2,4-Trichlorobenzene	Lin	0.7713	0.7502		15.0	20.0	-22.7	30.0
Naphthalene	Lin	1.616	1.895		16.0	20.0	-19.6	30.0
1,2,3-Trichlorobenzene	Lin	0.7313	0.7440		16.0	20.0	-20.5	30.0
Dibromofluoromethane	Ave	0.4441	0.3843		22.0	25.0	-13.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.6005	0.4690		20.0	25.0	-21.9	30.0
Toluene-d8 (Surr)	Ave	1.392	1.292		23.0	25.0	-7.2	30.0
4-Bromofluorobenzene	Ave	0.9673	0.7086		18.0	25.0	-26.7	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W3152.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 20-FEB-2009 13:40 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W8260LOW.m
Meth Date : 20-Feb-2009 14:05 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 7 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	447250	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	139202	20.0000	23
3	Chloromethane	50	1.159	1.159	(0.234)	130636	20.0000	25
4	Vinyl Chloride	62	1.175	1.175	(0.237)	138459	20.0000	22
5	Bromomethane	94	1.367	1.367	(0.276)	70149	20.0000	21
6	Chloroethane	64	1.448	1.448	(0.292)	72486	20.0000	21
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	246343	20.0000	17
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	213178	20.0000	17
9	Ethyl Ether	45	1.742	1.742	(0.351)	76281	20.0000	24
10	Ethanol	45	1.795	1.795	(0.362)	45688	200.000	170
11	Freon 141	81	1.795	1.795	(0.362)	216611	20.0000	17
12	Freon 123	67	1.913	1.913	(0.386)	26346	20.0000	19
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	111029	20.0000	17
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	96867	20.0000	20
15	Carbon Disulfide	76	1.886	1.886	(0.380)	311298	20.0000	22
16	Iodomethane	142	1.972	1.972	(0.397)	91614	20.0000	20
17	Acrolein	56	2.111	2.111	(0.425)	112004	100.000	240
18	2-Propanol	45	2.255	2.255	(0.455)	18791	20.0000	26
19	3-Chloro-1-Propene	41	2.223	2.223	(0.448)	161108	20.0000	22
20	Methylene Chloride	84	2.304	2.304	(0.464)	139115	20.0000	23
21	Acetone	43	2.346	2.346	(0.473)	55891	20.0000	22
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	122698	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.496)	601505	20.0000	22
	24 Methyl tert-Butyl Ether	73	2.544	2.544	(0.513)	488732	20.0000	20
	25 tert-Butyl alcohol	59	2.635	2.635	(0.531)	91866	100.000	100
	26 Acetonitrile	41	2.748	2.748	(0.554)	184314	200.000	250
	27 Isopropyl ether	45	2.913	2.913	(0.587)	387196	20.0000	22
	28 tert-Butyl ethyl ether	59	3.299	3.299	(0.665)	452750	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.602)	91042	20.0000	19
	30 Acrylonitrile	53	3.058	3.058	(0.616)	116233	40.0000	43
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	232662	20.0000	19
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	303578	20.0000	22
	33 cis-1,2-Dichloroethene	96	3.577	3.577	(0.721)	147756	20.0000	19
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	207691	20.0000	18
	35 Bromochloromethane	128	3.775	3.775	(0.761)	81797	20.0000	19
	36 1-Bromopropane	43	3.759	3.759	(0.757)	163635	20.0000	20
	37 Cyclohexane	84	3.780	3.780	(0.762)	157485	20.0000	22
	38 Chloroform	83	3.882	3.882	(0.782)	252345	20.0000	18
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	36024	40.0000	41
	40 Methyl Acrylate	55	4.042	4.042	(0.815)	133488	20.0000	22
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	171896	20.0000	22
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	98723	40.0000	45
	43 Carbon Tetrachloride	117	4.010	4.010	(0.808)	185092	20.0000	17
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.822)	215705	20.0000	16
	45 2-Butanone	43	4.219	4.219	(0.850)	61939	20.0000	36(H)
	46 1,1-Dichloropropene	75	4.224	4.224	(0.851)	169054	20.0000	18
	47 tert-Amyl methyl ether	73	4.668	4.668	(0.941)	438198	20.0000	21
	48 tert-Butyl formate	57	4.845	4.845	(0.976)	19667	20.0000	7
	49 1-Chlorobutane	56	4.288	4.288	(0.864)	240495	20.0000	19
	50 Heptane	43	4.508	4.508	(0.908)	84773	20.0000	21
	51 Propionitrile	54	4.518	4.518	(0.911)	232865	200.000	220
	52 Benzene	78	4.486	4.486	(0.904)	528254	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.916)	95560	20.0000	20(M)
	54 Isobutyl alcohol	42	4.657	4.657	(0.939)	20647	200.000	200
$	55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	209777	20.0000	20
	56 1,2-Dichloroethane	62	4.716	4.716	(0.950)	222148	20.0000	17
	59 Methyl Cyclohexane	83	5.139	5.139	(1.036)	155720	20.0000	19
	60 Trichloroethene	130	5.155	5.155	(1.039)	147221	20.0000	17
	61 Isopropyl Acetate	43	5.139	5.139	(1.036)	7800	40.0000	45
	62 n-Butanol	56	5.647	5.647	(1.138)	26505	200.000	190
	63 Dibromomethane	93	5.615	5.615	(1.132)	97186	20.0000	19
	64 1,2-Dichloropropane	63	5.738	5.738	(1.156)	134205	20.0000	21
	65 Bromodichloromethane	83	5.840	5.840	(1.177)	196389	20.0000	18
	66 Methyl Methacrylate	69	6.086	6.086	(1.226)	115871	20.0000	20
	67 1,4-Dioxane	58	6.086	6.086	(1.226)	12746	200.000	260
	68 n-Propyl Acetate	43	6.567	6.567	(1.323)	31903	40.0000	33
	69 2-Chloroethylvinylether	63	6.567	6.567	(1.323)	52053	20.0000	18
	70 cis-1,3-Dichloropropene	75	6.589	6.589	(1.328)	236016	20.0000	21
	71 Chloroacetonitrile	48	7.076	7.076	(1.426)	51492	200.000	240
	72 2-Nitropropane	41	7.140	7.140	(1.439)	94191	40.0000	35
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.492)	238890	20.0000	21
	74 1,1,2-Trichloroethane	97	7.584	7.584	(1.528)	137822	20.0000	20
*	75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	494230	25.0000	
	76 Toluene	91	6.872	6.872	(0.789)	567997	20.0000	18
$	77 Toluene-d8	98	6.808	6.808	(0.781)	638305	20.0000	23
	78 1,1-Dichloro-2-propanone	43	7.161	7.161	(0.822)	394165	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	119297	20.0000	20
80	Tetrachloroethene	164	7.322	7.322	(0.840)	107872	20.0000	15
81	Ethyl Methacrylate	69	7.669	7.669	(0.880)	150271	20.0000	18
82	Dibromochloromethane	129	7.782	7.782	(0.893)	167096	20.0000	17
83	1,3-Dichloropropane	76	7.905	7.905	(0.907)	242431	20.0000	19
84	1,2-Dibromoethane	107	8.033	8.033	(0.922)	145387	20.0000	18
85	n-Butyl Acetate	56	8.777	8.777	(1.007)	53149	20.0000	17(M)
86	2-Hexanone	43	8.434	8.434	(0.968)	86366	20.0000	19
87	1-Chlorohexane	91	8.787	8.787	(1.009)	133387	20.0000	16(M)
88	Chlorobenzene	112	8.729	8.729	(1.002)	394063	20.0000	17
89	1,1,1,2-Tetrachloroethane	131	8.836	8.836	(1.014)	149582	20.0000	17
90	Ethylbenzene	106	8.814	8.814	(1.012)	195316	20.0000	18
91	Xylene (total)mp	106	9.012	9.012	(1.034)	477147	40.0000	36
92	Xylene (total)o	106	9.515	9.515	(1.092)	225631	20.0000	18
93	Styrene	104	9.579	9.579	(1.099)	365653	20.0000	17
94	Bromoform	173	9.563	9.563	(1.098)	111863	20.0000	16
* 95	1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	293956	25.0000	
96	Isopropylbenzene	105	9.873	9.873	(0.888)	503355	20.0000	18
97	Bromobenzene	156	10.200	10.200	(0.917)	172252	20.0000	17
98	1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.932)	167783	20.0000	19
99	4-Ethyltoluene	105	10.392	10.392	(0.935)	532314	20.0000	17
100	1,2,3-Trichloropropane	110	10.451	10.451	(0.940)	61783	20.0000	17
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.946)	100254	40.0000	34
102	n-Propylbenzene	91	10.285	10.285	(0.925)	567869	20.0000	18
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	452716	20.0000	17
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	426237	20.0000	17
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.943)	441809	20.0000	17
106	tert-Butylbenzene	119	10.751	10.751	(0.967)	344656	20.0000	17
107	1,2,4-Trimethylbenzene	105	10.815	10.815	(0.973)	459861	20.0000	18
108	sec-Butylbenzene	105	10.906	10.906	(0.981)	454827	20.0000	17
109	4-Isopropyltoluene	119	11.040	11.040	(0.993)	409583	20.0000	16
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	281576	20.0000	16
111	1,4-Dichlorobenzene	146	11.136	11.136	(1.001)	294996	20.0000	16
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	292060	20.0000	17
113	Benzyl Chloride	126	11.345	11.345	(1.020)	77926	20.0000	18
114	1,4-Diethylbenzene	119	11.339	11.339	(1.020)	217163	20.0000	16
115	n-Butylbenzene	91	11.382	11.382	(1.024)	354489	20.0000	17
118	1,2,4,5-Tetramethylbenzene	119	11.954	11.954	(1.075)	391781	20.0000	16
119	1,2-Dibromo-3-chloropropane	75	12.078	12.078	(1.086)	36104	20.0000	16
120	Nitrobenzene	77	12.484	12.484	(1.123)	78619	200.000	150
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.131)	176429	20.0000	15
122	Hexachlorobutadiene	225	12.570	12.570	(1.130)	85885	20.0000	15
123	Naphthalene	128	12.805	12.805	(1.152)	445588	20.0000	16
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	174972	20.0000	16
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.911)	208290	20.0000	18
M 126	1,2-Dichloroethene (total)	100				270454	40.0000	39
M 127	Xylene (total)	100				702778	60.0000	55

QC Flag Legend

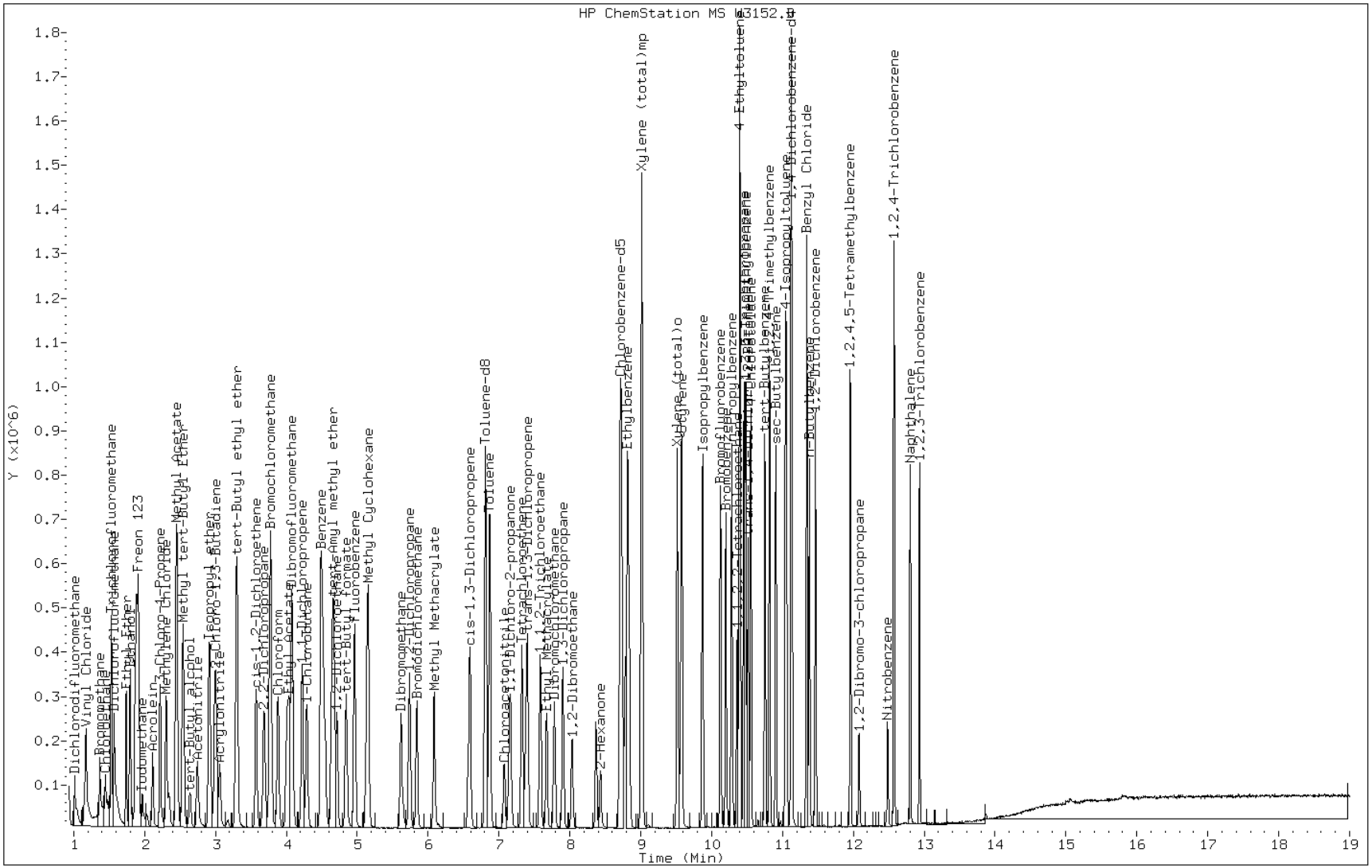
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3152.D

Date: 20-FEB-2009 13:40

Client ID: CCVIS Instrument: msw.i

Sample Info: CCVIS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3152.D
Inj. Date and Time: 20-FEB-2009 13:40
Instrument ID: msw.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 02/23/2009

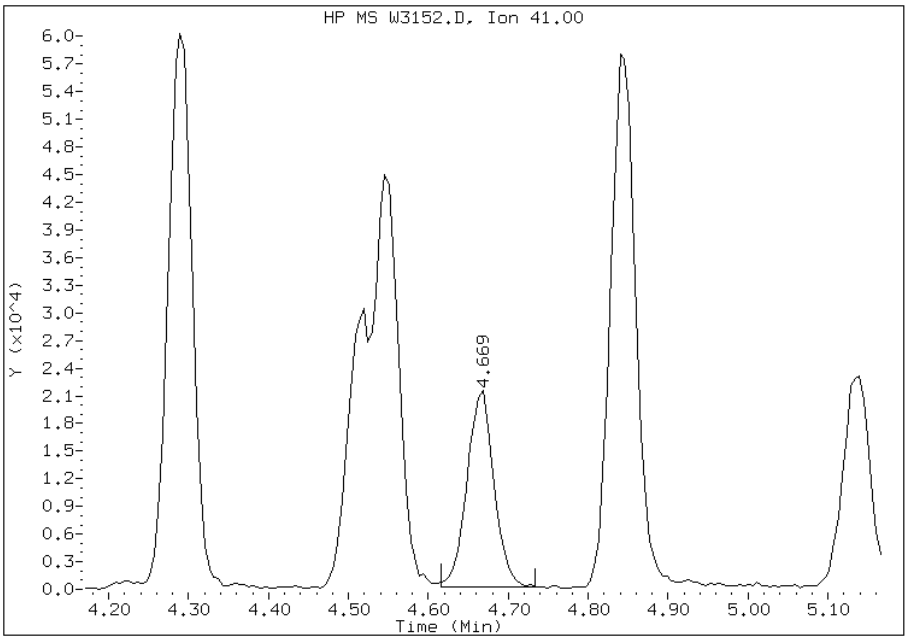
Processing Integration Results

RT: 4.67

Response: 50115

Amount: 11

Conc: 11



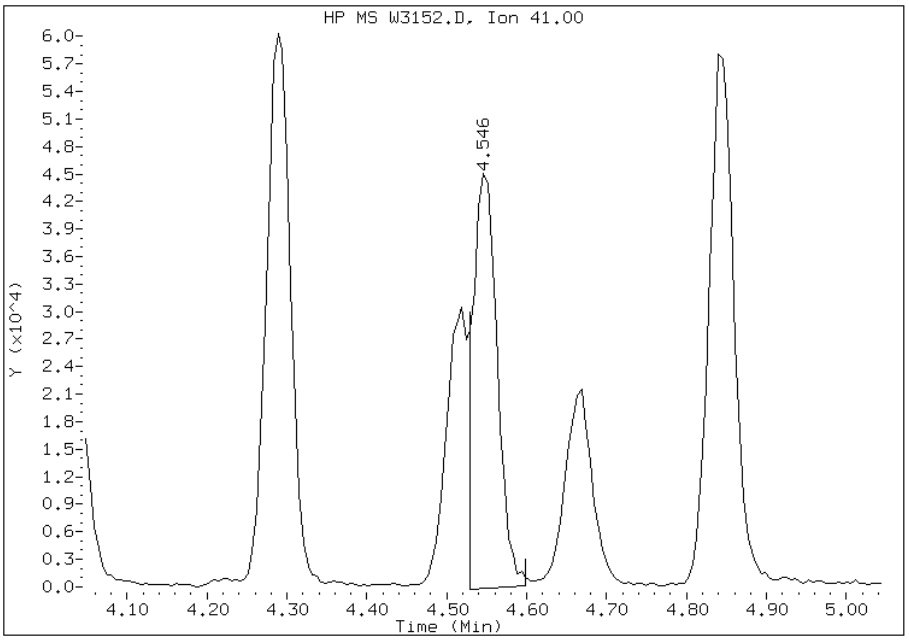
Manual Integration Results

RT: 4.55

Response: 95560

Amount: 20

Conc: 20



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3152.D
Inj. Date and Time: 20-FEB-2009 13:40
Instrument ID: msw.i
Client ID: CCVIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 02/23/2009

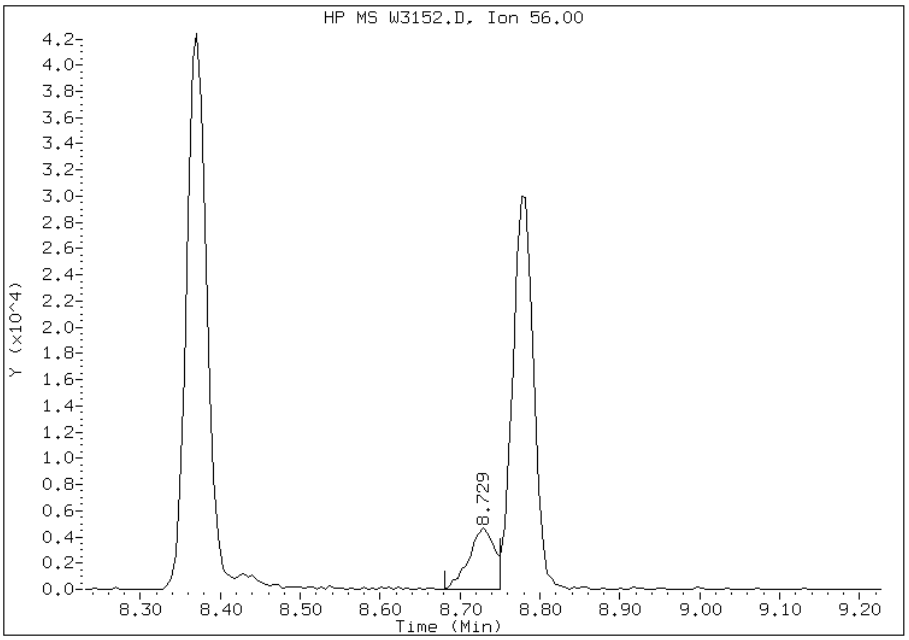
Processing Integration Results

RT: 8.73

Response: 10714

Amount: 3

Conc: 3



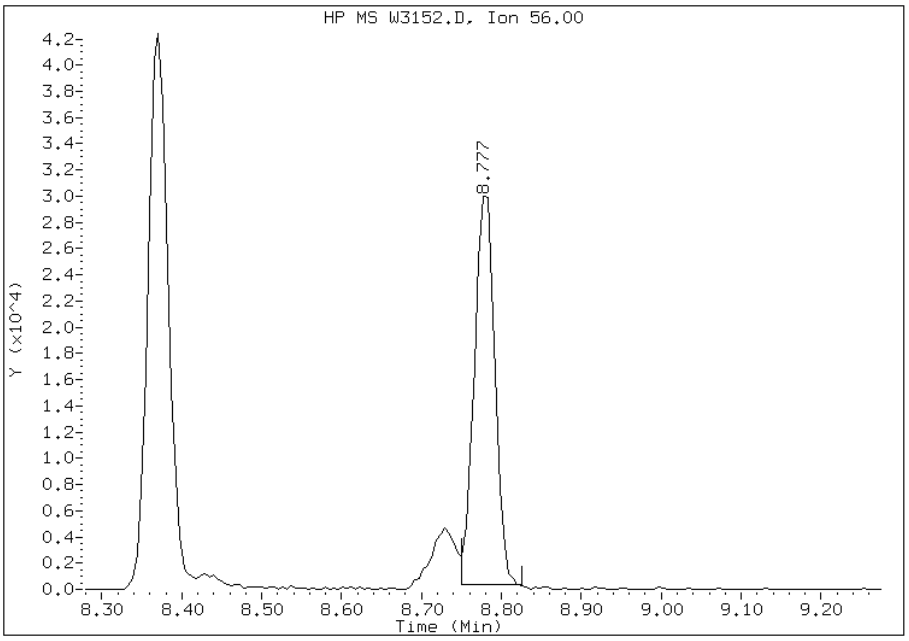
Manual Integration Results

RT: 8.78

Response: 53149

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3152.D
Inj. Date and Time: 20-FEB-2009 13:40
Instrument ID: msw.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 02/23/2009

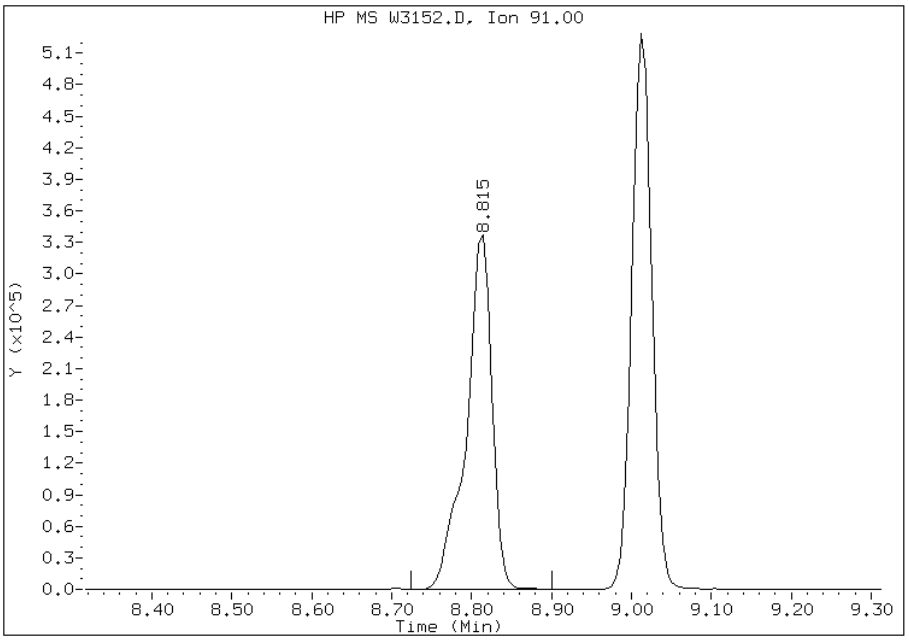
Processing Integration Results

RT: 8.81

Response: 749607

Amount: 93

Conc: 93



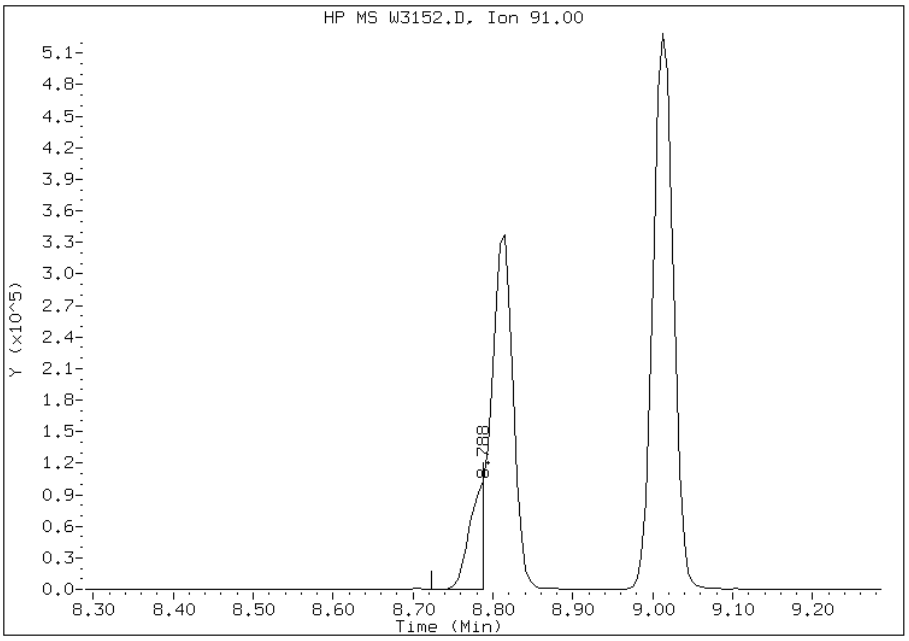
Manual Integration Results

RT: 8.79

Response: 133387

Amount: 16

Conc: 16



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V091791.b\VB469.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 17-FEB-2009 15:30 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ;1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091791.b\VBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.538	2.970	(0.000)	95	1187328			0.00- 100.00	100.00
2.538	2.970	(0.000)	50	197568			15.00- 40.00	16.64
2.538	2.970	(0.000)	75	517504			30.00- 60.00	43.59
2.538	2.970	(0.000)	96	80488			5.00- 9.00	6.78
2.538	2.970	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.538	2.970	(0.000)	174	1118720			50.00- 100.00	94.22
2.538	2.970	(0.000)	175	85152			5.00- 9.00	7.61
2.538	2.970	(0.000)	176	1081856			95.00- 101.00	96.70
2.538	2.970	(0.000)	177	73288			5.00- 9.00	6.77

Data File: VB469.D

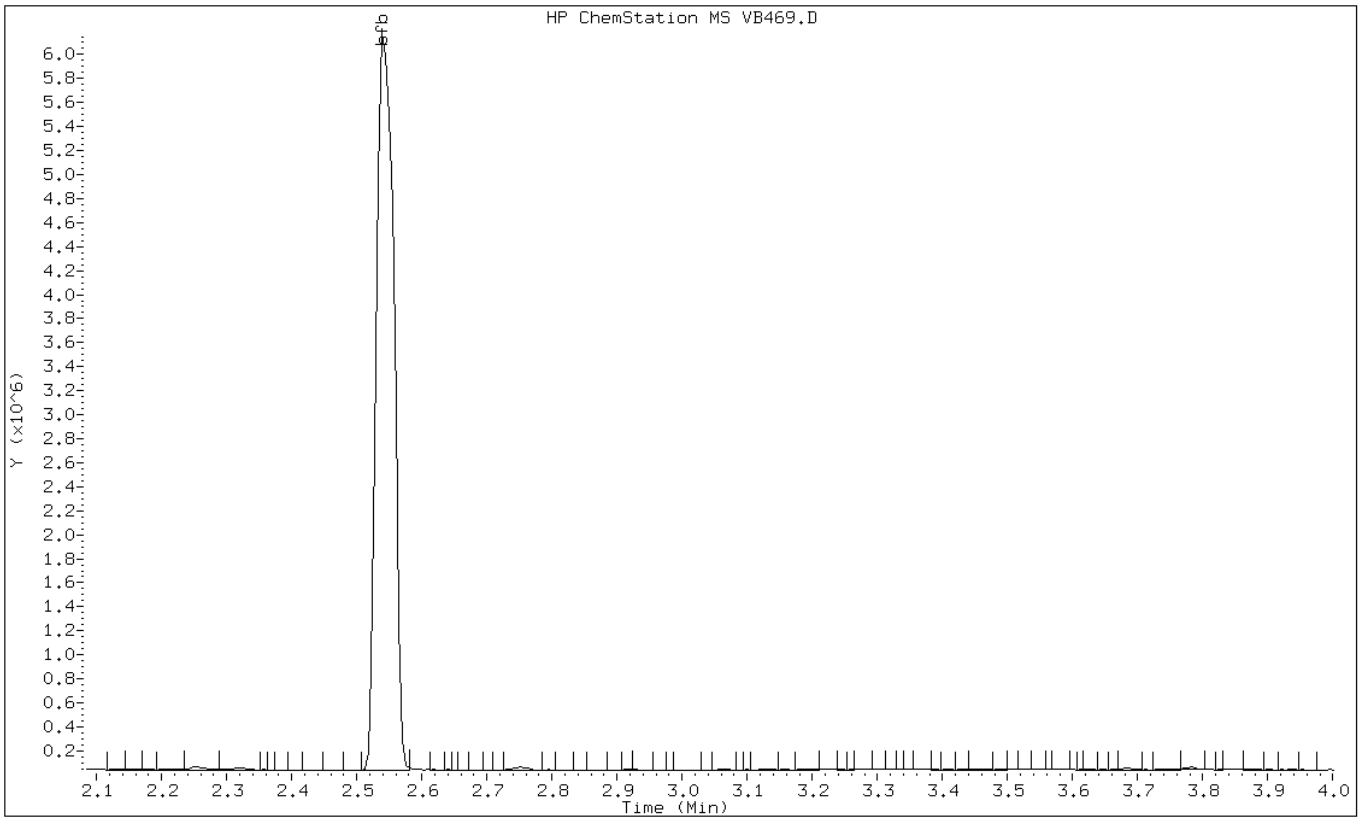
Date: 17-FEB-2009 15:30

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



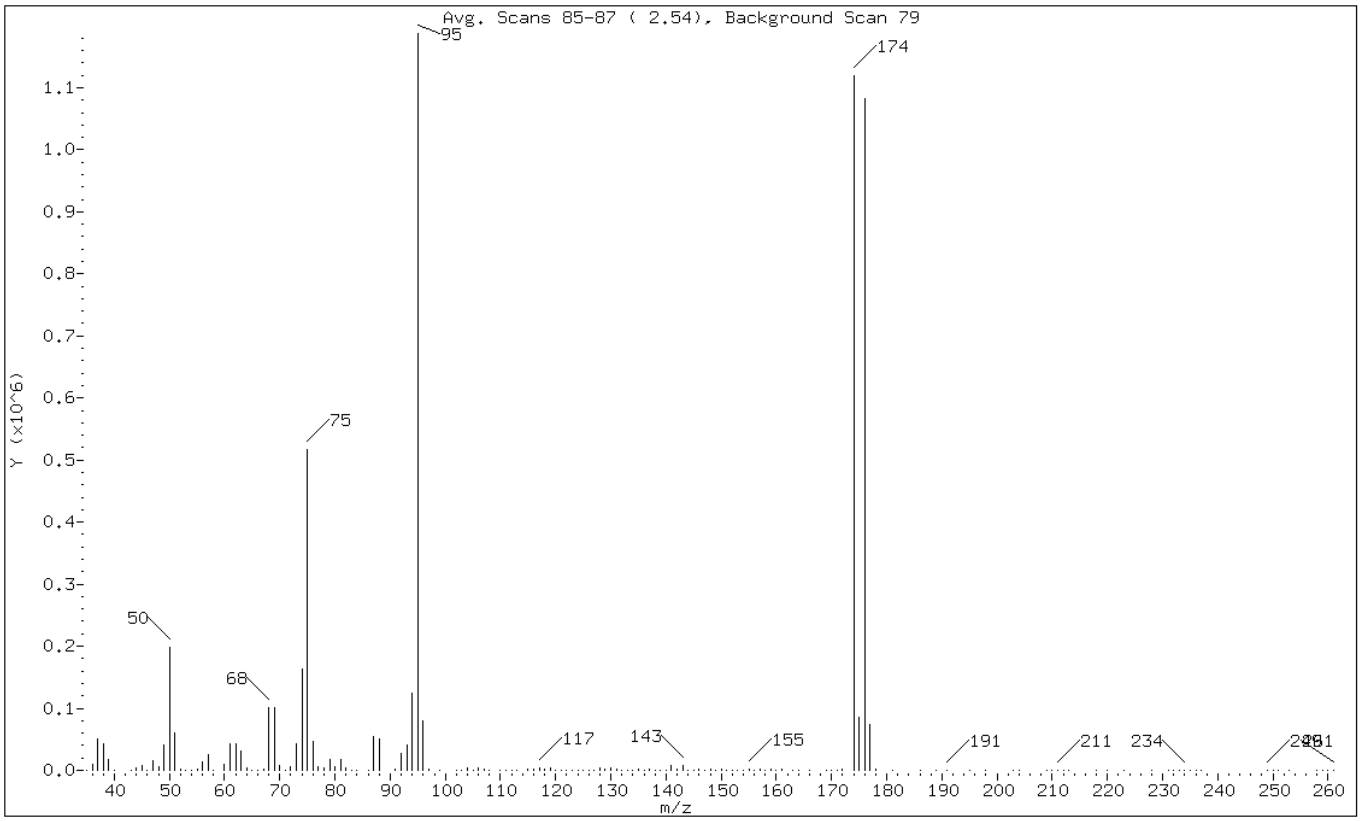
Data File: VB469.D

Date: 17-FEB-2009 15:30

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.64
75	30.00 - 60.00% of mass 95	43.59
96	5.00 - 9.00% of mass 95	6.78
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	94.22
175	5.00 - 9.00% of mass 174	7.17 (7.61)
176	95.00 - 101.00% of mass 174	91.12 (96.70)
177	5.00 - 9.00% of mass 176	6.17 (6.77)

Data File: VB469.D

Date: 17-FEB-2009 15:30

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V091791.b\VB469.D
Spectrum: Avg. Scans 85-87 (2.54), Background Scan 79
Location of Maximum: 95.00
Number of points: 160

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	180	79.00	17216	128.00	3591	174.00	1118720
36.00	9680	80.00	5626	129.00	1859	175.00	85152
37.00	50432	81.00	17440	130.00	3676	176.00	1081856
38.00	43616	82.00	3418	131.00	1189	177.00	73288
39.00	16880	83.00	516	132.00	194	178.00	2105
40.00	562	84.00	11	133.00	175	181.00	75
43.00	340	86.00	328	134.00	131	186.00	34
44.00	3865	87.00	54312	135.00	1274	189.00	37
45.00	8581	88.00	50944	136.00	300	191.00	115
46.00	506	91.00	2652	137.00	1366	195.00	25
47.00	15196	92.00	26664	138.00	61	198.00	42
48.00	5521	93.00	41360	139.00	386	203.00	79
49.00	40368	94.00	125264	140.00	806	204.00	38
50.00	197568	95.00	1187328	141.00	7431	209.00	99
51.00	61144	96.00	80488	142.00	1129	210.00	45
52.00	2720	97.00	2323	143.00	7775	211.00	186
53.00	22	99.00	38	144.00	626	212.00	109
54.00	64	102.00	88	145.00	696	213.00	58
55.00	1949	103.00	520	146.00	1626	218.00	78
56.00	12746	104.00	3358	147.00	590	220.00	57
57.00	24936	105.00	922	148.00	2617	223.00	38
58.00	791	106.00	3033	149.00	632	228.00	34
60.00	8767	107.00	1138	150.00	1039	231.00	65
61.00	42280	108.00	26	151.00	177	232.00	47
62.00	42912	110.00	395	152.00	509	233.00	131
63.00	31400	111.00	524	153.00	968	234.00	172
64.00	2953	112.00	482	154.00	558	235.00	125
65.00	483	113.00	255	155.00	2835	236.00	78
66.00	175	115.00	1041	156.00	479	237.00	129
67.00	1440	116.00	2910	157.00	2012	249.00	111
68.00	101288	117.00	4568	158.00	224	250.00	58
69.00	100376	118.00	2735	159.00	1193	251.00	42
70.00	7533	119.00	3872	160.00	86	253.00	33
71.00	328	120.00	256	161.00	1176	258.00	3
72.00	4987	121.00	66	163.00	199	259.00	43
73.00	43296	122.00	210	164.00	150	260.00	49
74.00	163584	123.00	169	166.00	43	261.00	124
75.00	517504	124.00	546	169.00	38		
76.00	46080	125.00	211	170.00	62		
77.00	6456	126.00	391	171.00	118		

78.00 4575	127.00 394	172.00 1143	

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\VB480.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 23-FEB-2009 11:04 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\VBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.543	2.970	(0.000)	95	846400			0.00- 100.00	100.00
2.543	2.970	(0.000)	50	155520			15.00- 40.00	18.37
2.543	2.970	(0.000)	75	400640			30.00- 60.00	47.33
2.543	2.970	(0.000)	96	56608			5.00- 9.00	6.69
2.543	2.970	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.543	2.970	(0.000)	174	840576			50.00- 100.00	99.31
2.543	2.970	(0.000)	175	64680			5.00- 9.00	7.69
2.543	2.970	(0.000)	176	815296			95.00- 101.00	96.99
2.543	2.970	(0.000)	177	53280			5.00- 9.00	6.54

Data File: VB480.D

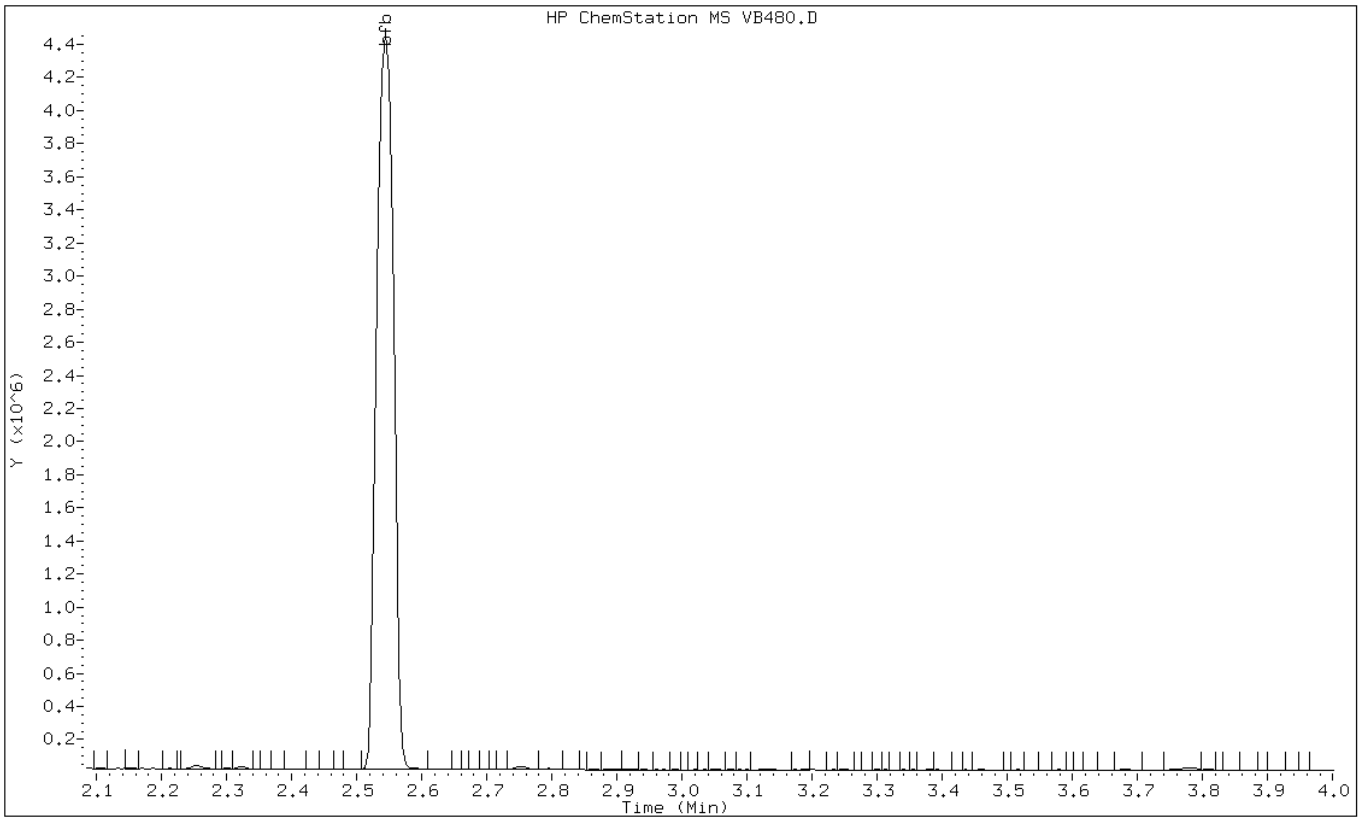
Date: 23-FEB-2009 11:04

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



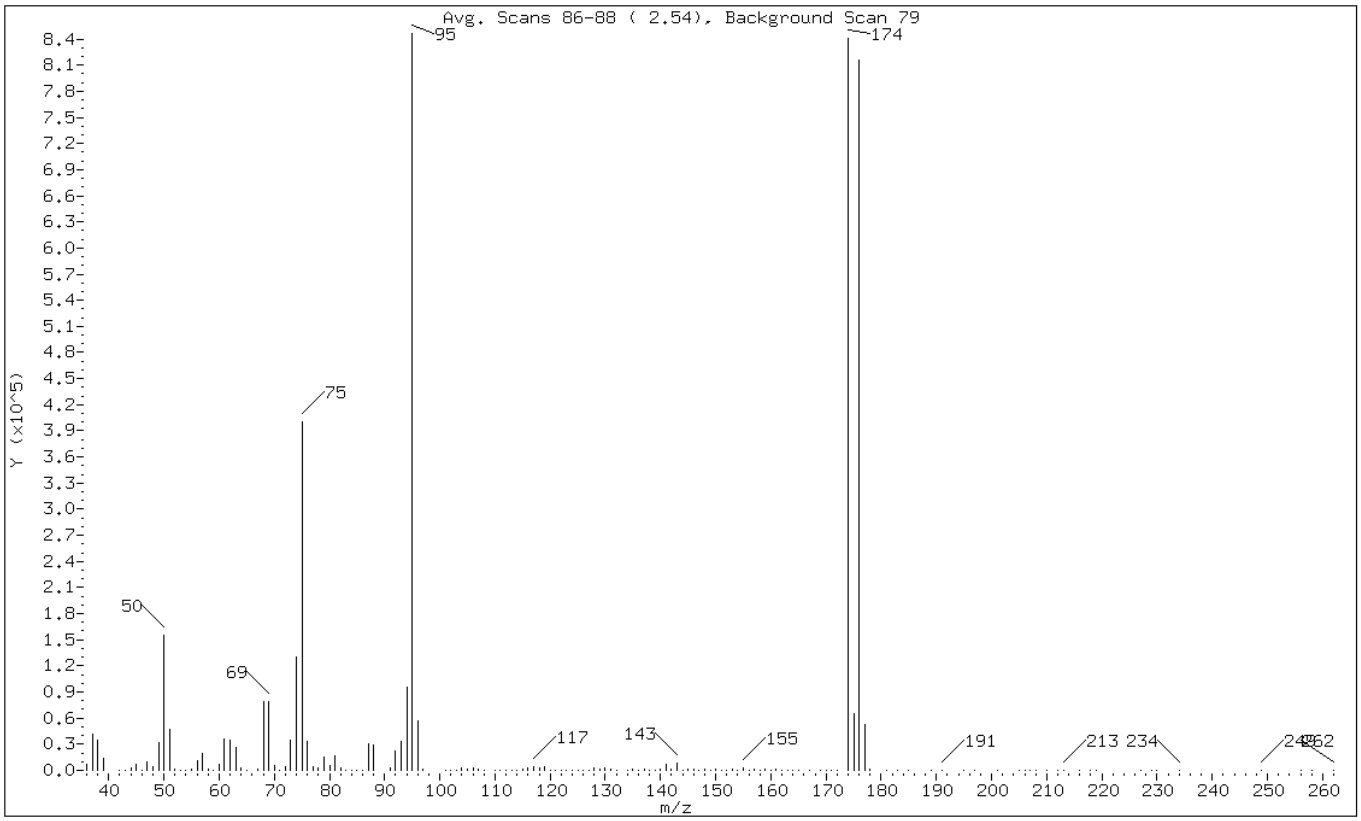
Data File: VB480.D

Date: 23-FEB-2009 11:04

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.37
75	30.00 - 60.00% of mass 95	47.33
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	99.31
175	5.00 - 9.00% of mass 174	7.64 (7.69)
176	95.00 - 101.00% of mass 174	96.33 (96.99)
177	5.00 - 9.00% of mass 176	6.29 (6.54)

Data File: VB480.D

Date: 23-FEB-2009 11:04

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V091946.b\VB480.D
Spectrum: Avg. Scans 86-88 (2.54), Background Scan 79
Location of Maximum: 95.00
Number of points: 156

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7056	79.00	15711	125.00	267	167.00	40
37.00	42144	80.00	4922	126.00	265	169.00	37
38.00	34256	81.00	16512	127.00	204	170.00	53
39.00	13552	82.00	3204	128.00	2672	171.00	176
42.00	2	83.00	356	129.00	1367	172.00	420
43.00	348	84.00	57	130.00	3140	174.00	840576
44.00	3425	85.00	118	131.00	1015	175.00	64680
45.00	6935	86.00	563	132.00	132	176.00	815296
46.00	437	87.00	30320	134.00	157	177.00	53280
47.00	9089	88.00	29048	135.00	1310	178.00	1679
48.00	4595	91.00	2153	136.00	281	181.00	73
49.00	32352	92.00	22304	137.00	1321	183.00	33
50.00	155520	93.00	33328	138.00	165	185.00	38
51.00	47112	94.00	95560	139.00	547	189.00	48
52.00	2006	95.00	846400	140.00	753	191.00	102
53.00	213	96.00	56608	141.00	7264	195.00	87
54.00	48	97.00	1572	142.00	963	197.00	48
55.00	1653	101.00	39	143.00	7684	201.00	40
56.00	11497	102.00	216	144.00	644	205.00	37
57.00	19568	103.00	221	145.00	781	206.00	44
58.00	982	104.00	2787	146.00	1398	207.00	188
59.00	184	105.00	935	147.00	463	208.00	200
60.00	7515	106.00	2620	148.00	2004	210.00	111
61.00	35384	107.00	819	149.00	552	212.00	63
62.00	34040	108.00	86	150.00	871	213.00	207
63.00	25800	110.00	446	151.00	136	216.00	54
64.00	2503	111.00	550	152.00	528	218.00	108
65.00	455	112.00	308	153.00	808	219.00	120
67.00	1448	113.00	470	154.00	667	227.00	49
68.00	78480	114.00	44	155.00	2418	229.00	76
69.00	78664	115.00	853	156.00	588	230.00	39
70.00	5893	116.00	2521	157.00	1613	234.00	183
71.00	92	117.00	4170	158.00	408	249.00	60
72.00	4232	118.00	2604	159.00	1022	256.00	18
73.00	33976	119.00	3600	160.00	77	258.00	34
74.00	130328	120.00	167	161.00	1027	262.00	84
75.00	400640	121.00	35	162.00	81		
76.00	33728	122.00	95	163.00	57		
77.00	4175	123.00	332	164.00	40		
78.00	2632	124.00	406	165.00	34		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\VB481.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 24-FEB-2009 09:00 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\VBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 3 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
2.538	2.970	(0.000)	95	714688			0.00- 100.00	100.00
2.538	2.970	(0.000)	50	137408			15.00- 40.00	19.23
2.538	2.970	(0.000)	75	351296			30.00- 60.00	49.15
2.538	2.970	(0.000)	96	48280			5.00- 9.00	6.76
2.538	2.970	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.538	2.970	(0.000)	174	694784			50.00- 100.00	97.22
2.538	2.970	(0.000)	175	54456			5.00- 9.00	7.84
2.538	2.970	(0.000)	176	672000			95.00- 101.00	96.72
2.538	2.970	(0.000)	177	43464			5.00- 9.00	6.47

Data File: VB481.D

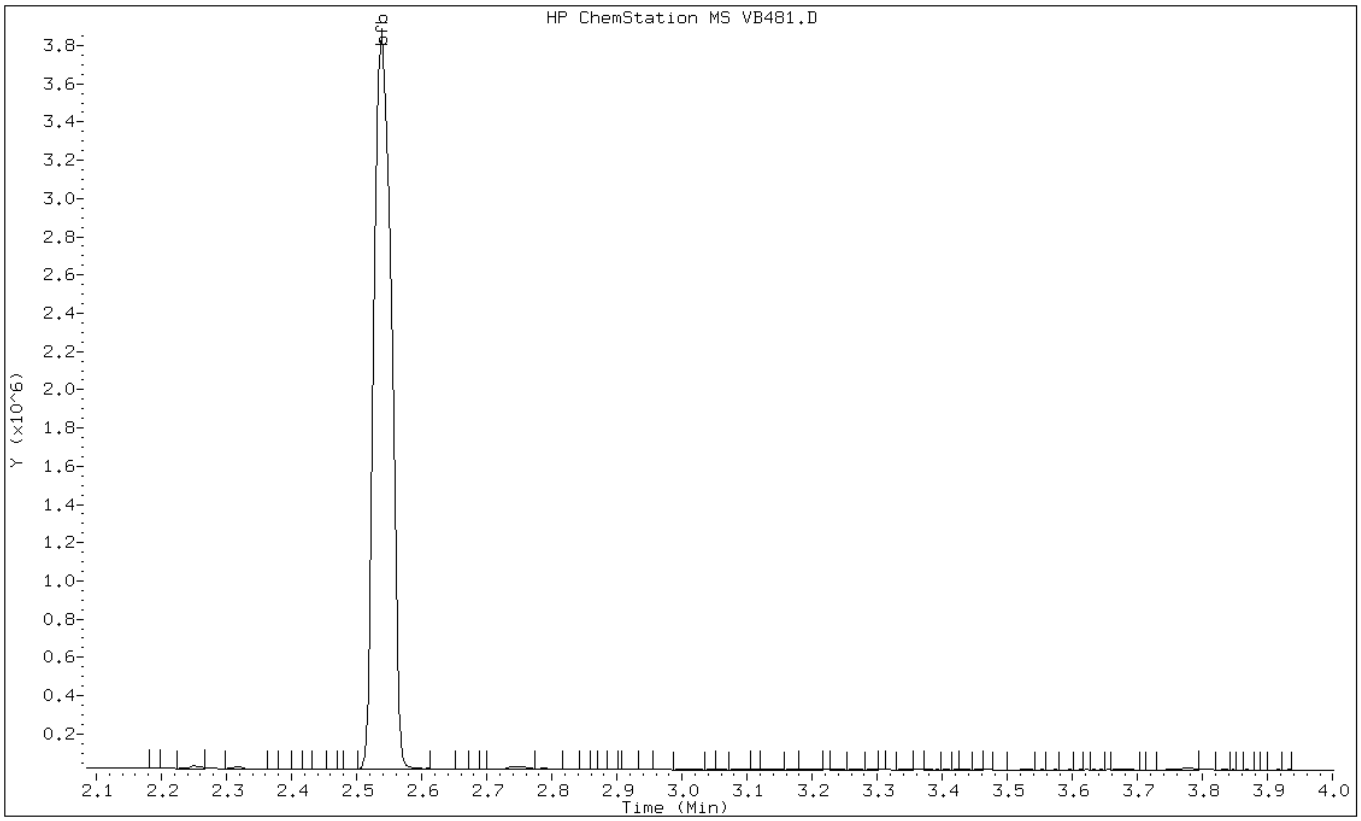
Date: 24-FEB-2009 09:00

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



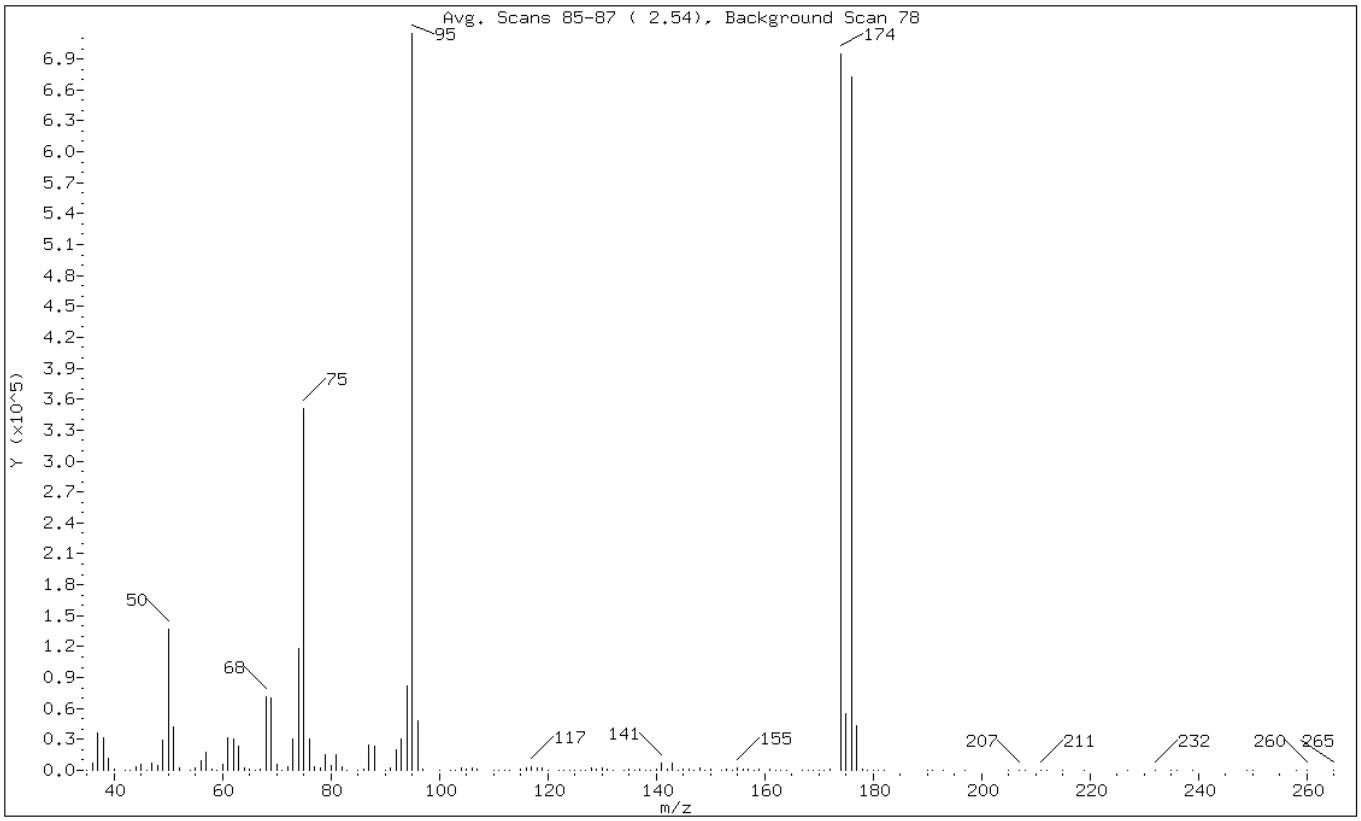
Data File: VB481.D

Date: 24-FEB-2009 09:00

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.23
75	30.00 - 60.00% of mass 95	49.15
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	97.22
175	5.00 - 9.00% of mass 174	7.62 (7.84)
176	95.00 - 101.00% of mass 174	94.03 (96.72)
177	5.00 - 9.00% of mass 176	6.08 (6.47)

Data File: VB481.D

Date: 24-FEB-2009 09:00

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V091987.b\VB481.D
Spectrum: Avg. Scans 85-87 (2.54), Background Scan 78
Location of Maximum: 95.00
Number of points: 152

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	44	76.00	30680	124.00	298	168.00	39
36.00	6870	77.00	3929	125.00	308	169.00	65
37.00	36352	78.00	2242	126.00	309	170.00	38
38.00	31880	79.00	14792	127.00	207	171.00	260
39.00	11901	80.00	4998	128.00	2666	172.00	1611
40.00	718	81.00	15262	129.00	1211	174.00	694784
42.00	63	82.00	3168	130.00	2644	175.00	54456
43.00	305	83.00	373	131.00	987	176.00	672000
44.00	3277	85.00	88	132.00	208	177.00	43464
45.00	5747	86.00	774	134.00	164	178.00	1235
46.00	189	87.00	24088	135.00	1269	179.00	36
47.00	7525	88.00	23912	136.00	176	180.00	34
48.00	4517	90.00	33	137.00	930	181.00	94
49.00	28728	91.00	2466	138.00	100	182.00	40
50.00	137408	92.00	19456	139.00	403	190.00	58
51.00	42176	93.00	30384	140.00	607	191.00	26
52.00	1814	94.00	82072	141.00	6993	193.00	46
54.00	74	95.00	714688	142.00	973	197.00	85
55.00	1792	96.00	48280	143.00	6558	205.00	42
56.00	9804	97.00	1729	144.00	456	207.00	265
57.00	17552	100.00	40	145.00	716	208.00	186
58.00	818	102.00	41	146.00	1183	211.00	267
59.00	189	103.00	268	147.00	462	212.00	60
60.00	5974	104.00	2463	148.00	1871	215.00	22
61.00	31832	105.00	1035	149.00	520	219.00	41
62.00	30880	106.00	2689	150.00	675	227.00	37
63.00	23216	107.00	645	152.00	435	232.00	82
64.00	2080	110.00	332	153.00	732	235.00	75
65.00	883	111.00	382	154.00	460	236.00	48
66.00	175	112.00	538	155.00	1816	239.00	37
67.00	1398	113.00	325	156.00	604	249.00	68
68.00	71040	115.00	727	157.00	1494	250.00	37
69.00	69896	116.00	2036	158.00	501	258.00	36
70.00	5270	117.00	4031	159.00	965	260.00	208
71.00	153	118.00	2460	161.00	970	265.00	48
72.00	3516	119.00	2834	162.00	68		
73.00	30824	120.00	133	163.00	154		
74.00	117680	122.00	173	164.00	34		
75.00	351296	123.00	265	167.00	77		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V092024.b\VB483.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 25-FEB-2009 09:54 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092024.b\VBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 5 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.544	2.970	(0.000)	95	829440			0.00- 100.00	100.00
2.544	2.970	(0.000)	50	156416			15.00- 40.00	18.86
2.544	2.970	(0.000)	75	398720			30.00- 60.00	48.07
2.544	2.970	(0.000)	96	54992			5.00- 9.00	6.63
2.544	2.970	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.544	2.970	(0.000)	174	823424			50.00- 100.00	99.27
2.544	2.970	(0.000)	175	61944			5.00- 9.00	7.52
2.544	2.970	(0.000)	176	792960			95.00- 101.00	96.30
2.544	2.970	(0.000)	177	53664			5.00- 9.00	6.77

Data File: VB483.D

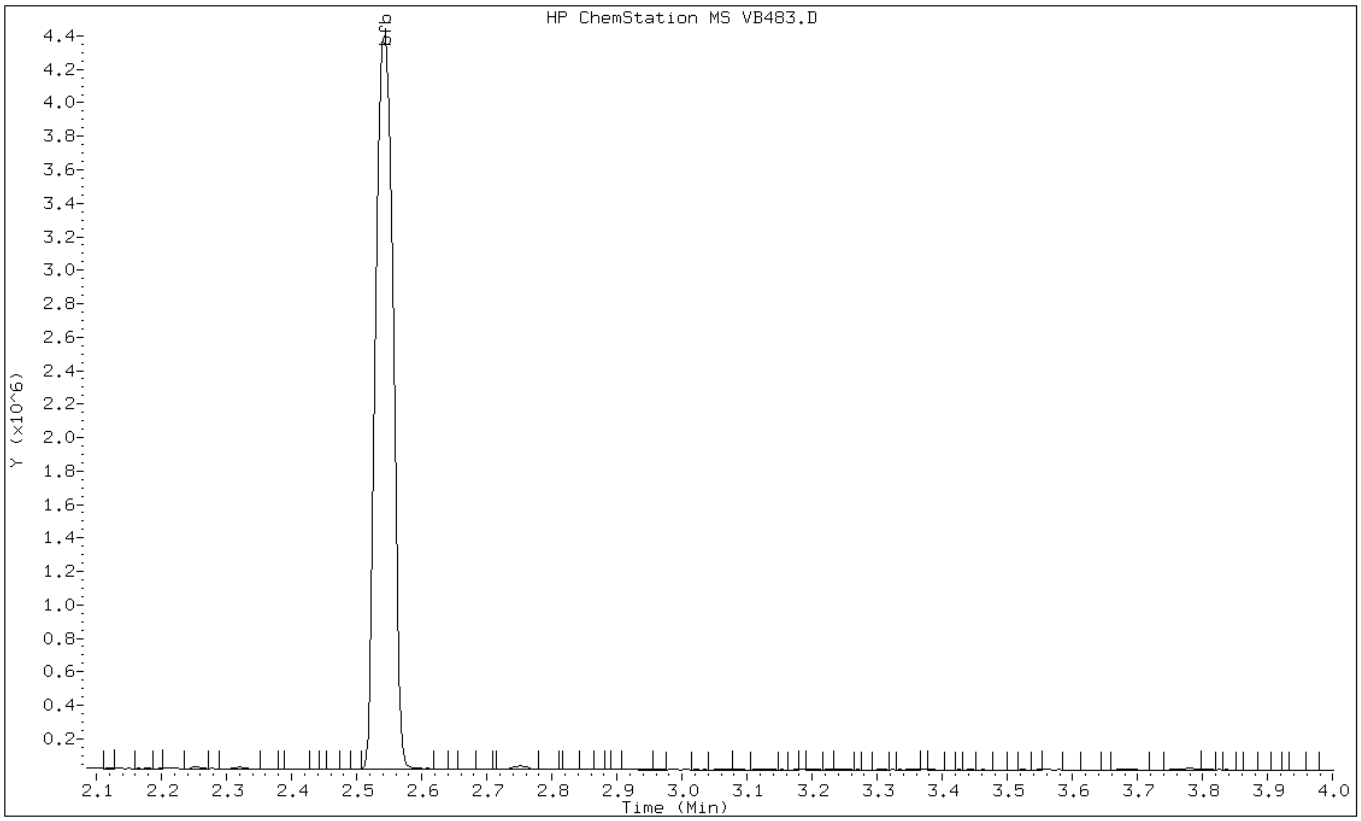
Date: 25-FEB-2009 09:54

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



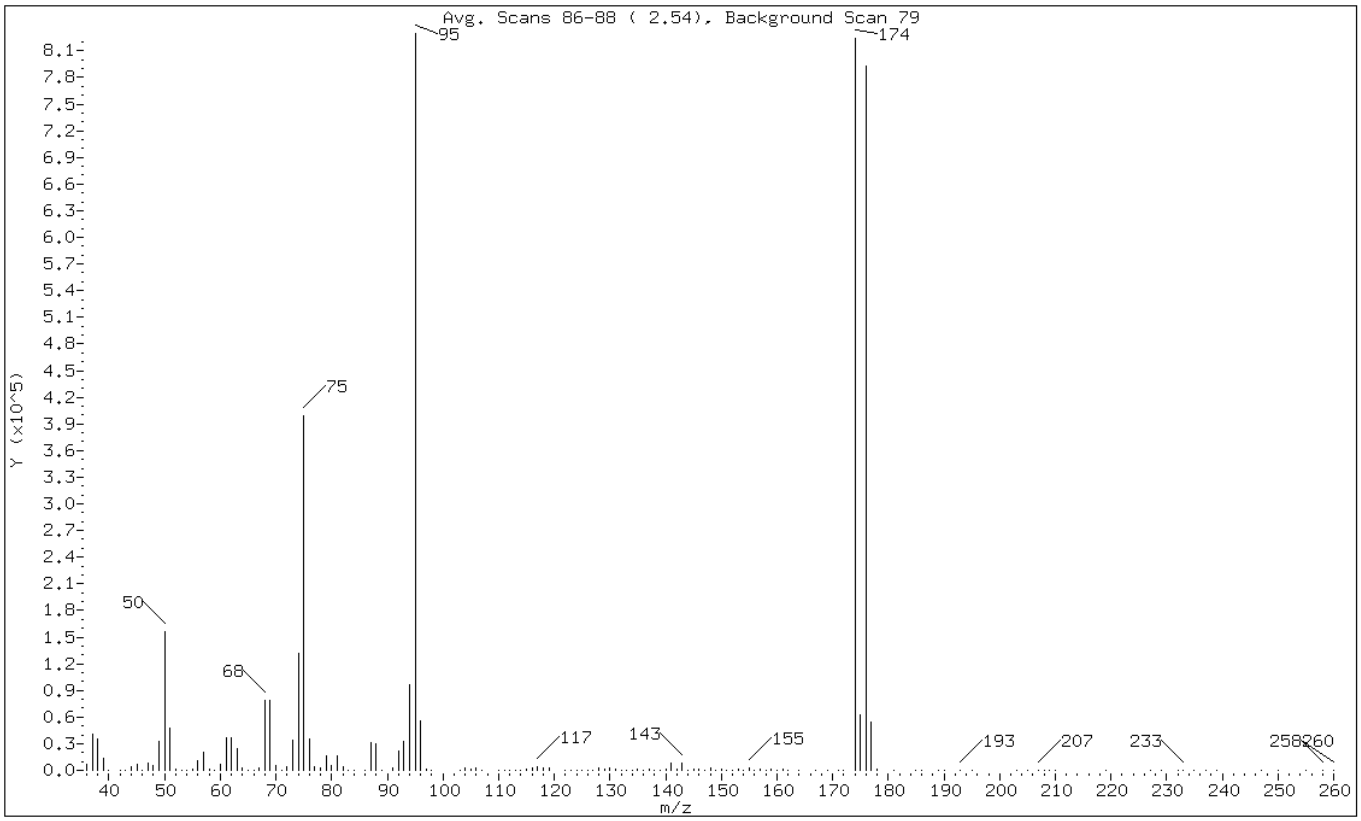
Data File: VB483.D

Date: 25-FEB-2009 09:54

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.86
75	30.00 - 60.00% of mass 95	48.07
96	5.00 - 9.00% of mass 95	6.63
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	99.27
175	5.00 - 9.00% of mass 174	7.47 (7.52)
176	95.00 - 101.00% of mass 174	95.60 (96.30)
177	5.00 - 9.00% of mass 176	6.47 (6.77)

Data File: VB483.D

Date: 25-FEB-2009 09:54

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V092024.b\VB483.D
Spectrum: Avg. Scans 86-88 (2.54), Background Scan 79
Location of Maximum: 95.00
Number of points: 152

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	7229	76.00	34888	125.00	395	167.00	38
37.00	41128	77.00	4079	126.00	371	169.00	164
38.00	35168	78.00	2660	127.00	242	171.00	41
39.00	13800	79.00	15620	128.00	2491	172.00	369
40.00	332	80.00	5445	129.00	1447	174.00	823424
42.00	17	81.00	16656	130.00	2789	175.00	61944
43.00	150	82.00	3633	131.00	1145	176.00	792960
44.00	3625	83.00	489	132.00	192	177.00	53664
45.00	6796	84.00	35	133.00	104	178.00	1429
46.00	506	86.00	437	134.00	201	181.00	120
47.00	8174	87.00	30848	135.00	1303	185.00	42
48.00	4820	88.00	29200	136.00	204	186.00	38
49.00	33168	89.00	42	137.00	1232	189.00	46
50.00	156416	91.00	2136	138.00	246	190.00	50
51.00	47104	92.00	21568	139.00	501	193.00	179
52.00	1608	93.00	33056	140.00	740	195.00	67
53.00	112	94.00	96672	141.00	7679	203.00	38
54.00	122	95.00	829440	142.00	1045	205.00	34
55.00	1642	96.00	54992	143.00	7940	207.00	633
56.00	10731	97.00	1396	144.00	517	208.00	57
57.00	20112	98.00	174	145.00	716	209.00	3
58.00	762	103.00	388	146.00	1305	210.00	40
59.00	57	104.00	2918	147.00	463	219.00	132
60.00	6938	105.00	1120	148.00	2056	227.00	60
61.00	36336	106.00	3030	149.00	450	229.00	49
62.00	35992	107.00	588	150.00	855	232.00	33
63.00	25040	110.00	307	151.00	42	233.00	254
64.00	2388	111.00	559	152.00	460	235.00	78
65.00	438	112.00	378	153.00	809	237.00	37
66.00	165	113.00	392	154.00	589	239.00	53
67.00	2207	114.00	79	155.00	2434	247.00	42
68.00	79248	115.00	778	156.00	533	250.00	73
69.00	78696	116.00	2601	157.00	1502	255.00	36
70.00	5532	117.00	4455	158.00	281	258.00	102
71.00	38	118.00	2463	159.00	1018	260.00	60
72.00	4141	119.00	3380	160.00	89		
73.00	33272	122.00	236	161.00	1155		
74.00	131584	123.00	214	162.00	36		
75.00	398720	124.00	350	164.00	37		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W092995.b\WB025.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 16-FEB-2009 17:23 MS Autotune Date: 16-JAN-2009 15:45
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W092995.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 22 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.667	2.970	(0.000)	95	492160			0.00- 100.00	100.00
2.667	2.970	(0.000)	50	86536			15.00- 40.00	17.58
2.667	2.970	(0.000)	75	247808			30.00- 60.00	50.35
2.667	2.970	(0.000)	96	30856			5.00- 9.00	6.27
2.667	2.970	(0.000)	173	2786			0.00- 2.00	0.64
2.667	2.970	(0.000)	174	433024			50.00- 100.00	87.98
2.667	2.970	(0.000)	175	30184			5.00- 9.00	6.97
2.667	2.970	(0.000)	176	421184			95.00- 101.00	97.27
2.667	2.970	(0.000)	177	27840			5.00- 9.00	6.61

Data File: WB025.D

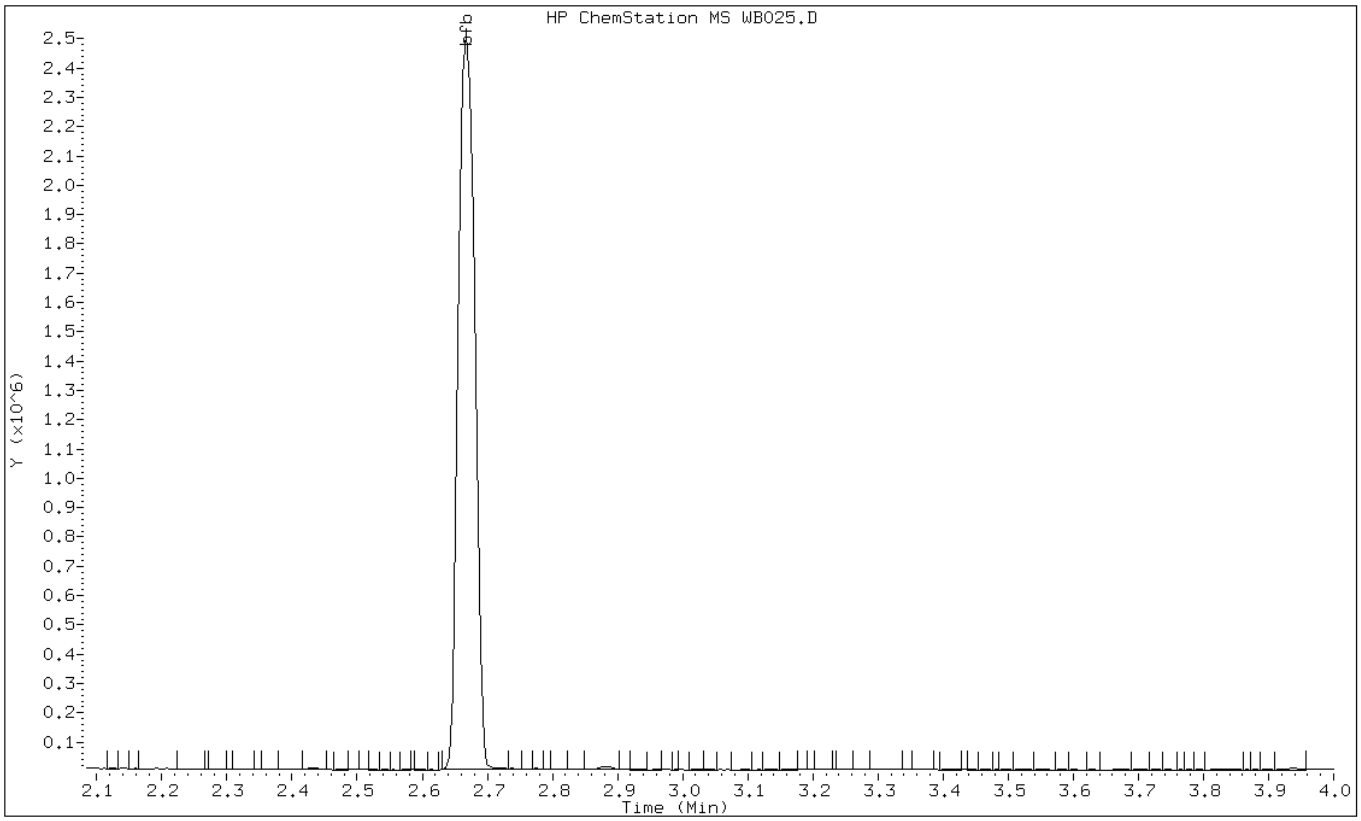
Date: 16-FEB-2009 17:23

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



Data File: WB025.D

Date: 16-FEB-2009 17:23

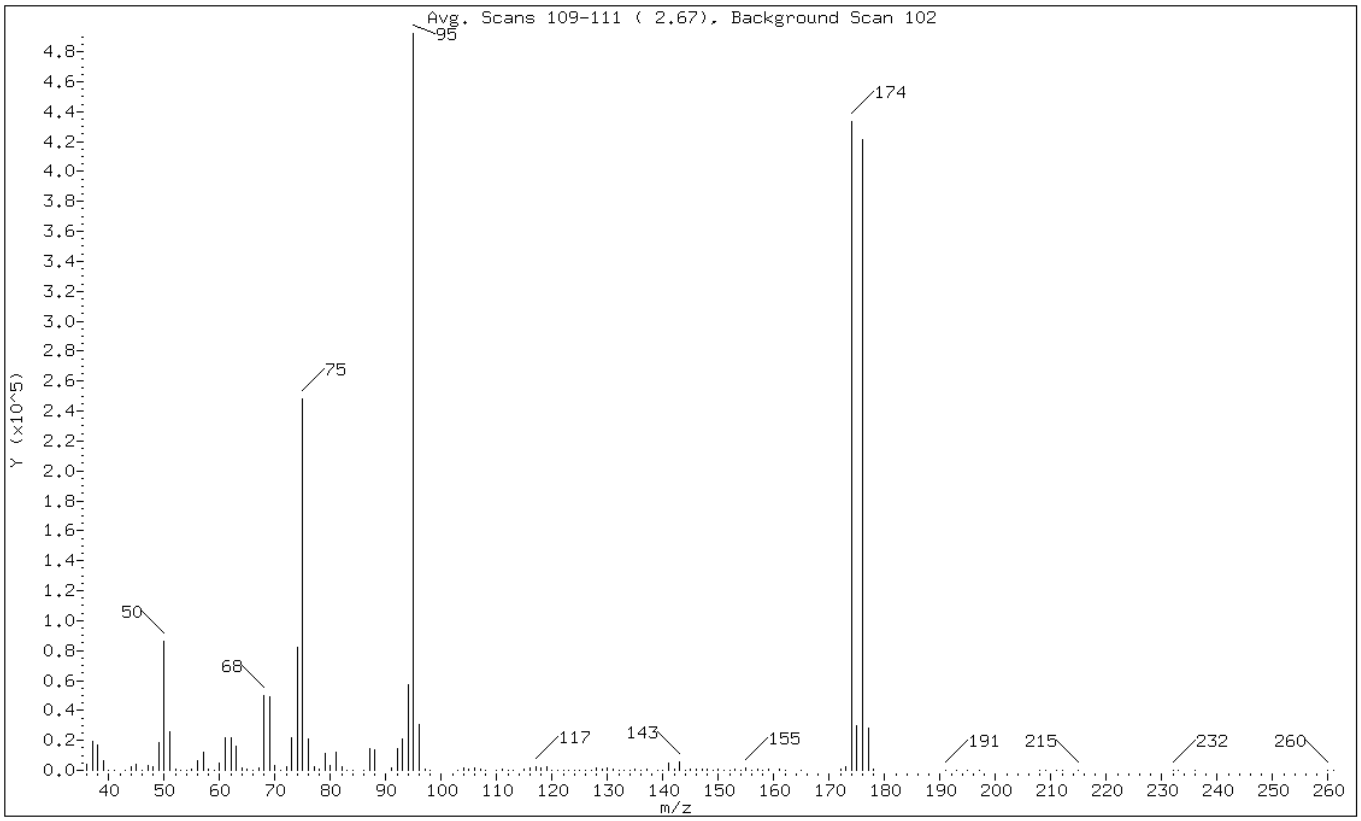
Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.58
75	30.00 - 60.00% of mass 95	50.35
96	5.00 - 9.00% of mass 95	6.27
173	Less than 2.00% of mass 174	0.57 (0.64)
174	50.00 - 100.00% of mass 95	87.98
175	5.00 - 9.00% of mass 174	6.13 (6.97)
176	95.00 - 101.00% of mass 174	85.58 (97.27)
177	5.00 - 9.00% of mass 176	5.66 (6.61)

Data File: WB025.D

Date: 16-FEB-2009 17:23

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W092995.b\WB025.D
Spectrum: Avg. Scans 109-111 (2.67), Background Scan 102
Location of Maximum: 95.00
Number of points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3647	72.00	2479	116.00	1719	152.00	277
37.00	19584	73.00	21496	117.00	2807	153.00	519
38.00	16976	74.00	82272	118.00	1903	154.00	392
39.00	6686	75.00	247808	119.00	2655	155.00	1468
40.00	153	76.00	21152	120.00	73	156.00	188
41.00	12	77.00	2575	121.00	34	157.00	1180
43.00	161	78.00	1193	122.00	92	158.00	163
44.00	2115	79.00	11251	123.00	157	159.00	644
45.00	3751	80.00	3599	124.00	236	161.00	504
46.00	397	81.00	11722	125.00	203	162.00	44
47.00	3171	82.00	2158	126.00	158	165.00	49
48.00	2815	83.00	344	127.00	209	172.00	900
49.00	18648	84.00	76	128.00	1718	173.00	2786
50.00	86536	86.00	380	129.00	1054	174.00	433024
51.00	26112	87.00	14632	130.00	1969	175.00	30184
52.00	1047	88.00	13991	131.00	777	176.00	421184
53.00	7	91.00	1845	132.00	90	177.00	27840
54.00	89	92.00	14231	133.00	72	178.00	881
55.00	1150	93.00	20680	134.00	153	191.00	85
56.00	6641	94.00	57168	135.00	926	193.00	82
57.00	11791	95.00	492160	136.00	140	195.00	40
58.00	528	96.00	30856	137.00	845	197.00	38
59.00	88	97.00	976	139.00	176	208.00	154
60.00	4463	98.00	58	140.00	336	209.00	36
61.00	21880	103.00	314	141.00	4910	211.00	95
62.00	21856	104.00	1723	142.00	535	212.00	90
63.00	16488	105.00	642	143.00	5416	215.00	207
64.00	1494	106.00	1994	144.00	318	232.00	128
65.00	687	107.00	457	145.00	535	233.00	48
66.00	160	108.00	34	146.00	710	236.00	35
67.00	1456	110.00	271	147.00	430	260.00	49
68.00	49856	111.00	448	148.00	1136	261.00	39
69.00	48936	112.00	190	149.00	384		
70.00	3389	113.00	352	150.00	558		
71.00	138	115.00	523	151.00	47		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W093073.b\WB030.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 18-FEB-2009 09:12 MS Autotune Date: 16-JAN-2009 15:45
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093073.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 6 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.662	2.970	(0.000)	95	607488			0.00- 100.00	100.00
2.662	2.970	(0.000)	50	106728			15.00- 40.00	17.57
2.662	2.970	(0.000)	75	310208			30.00- 60.00	51.06
2.662	2.970	(0.000)	96	40704			5.00- 9.00	6.70
2.662	2.970	(0.000)	173	3277			0.00- 2.00	0.62
2.662	2.970	(0.000)	174	532544			50.00- 100.00	87.66
2.662	2.970	(0.000)	175	38616			5.00- 9.00	7.25
2.662	2.970	(0.000)	176	520000			95.00- 101.00	97.64
2.662	2.970	(0.000)	177	34800			5.00- 9.00	6.69

Data File: WB030.D

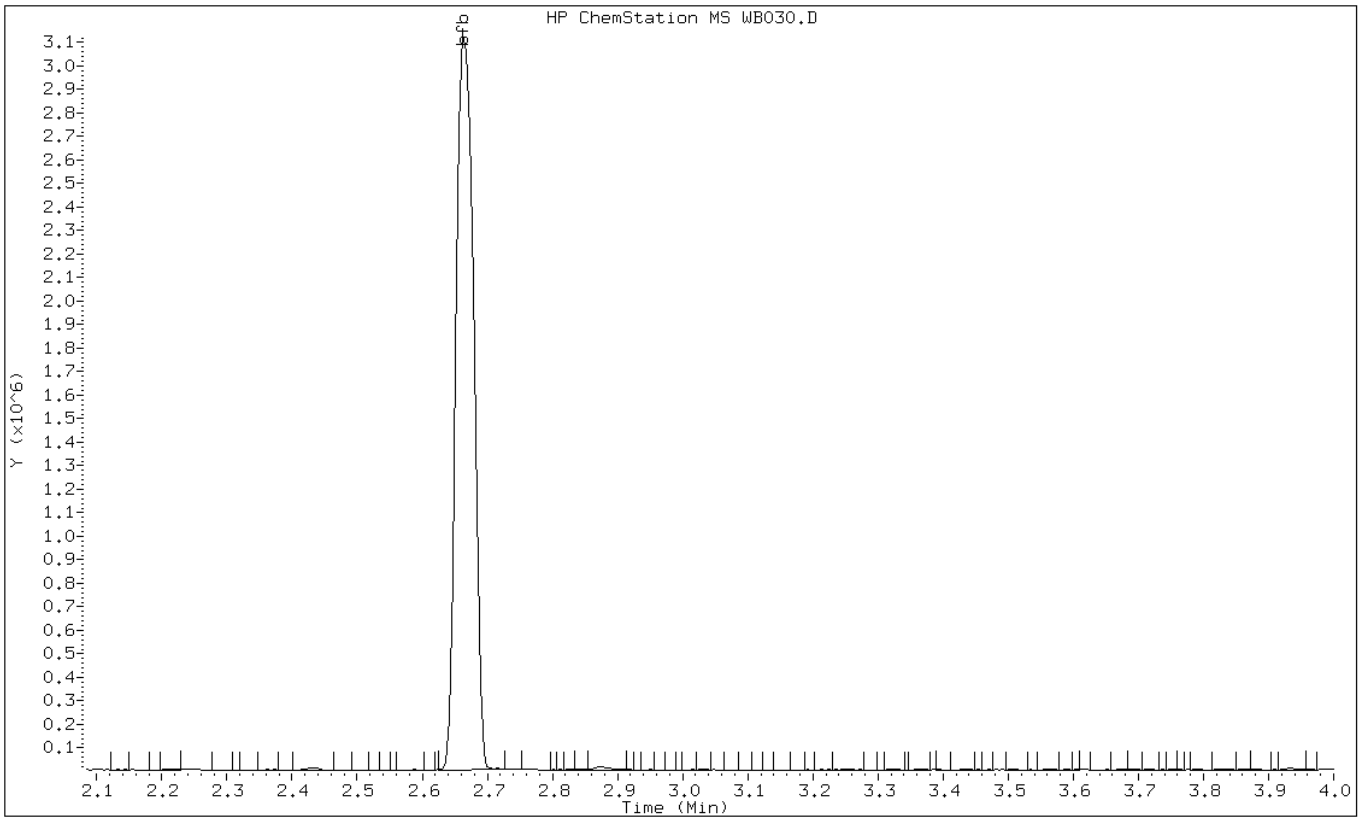
Date: 18-FEB-2009 09:12

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



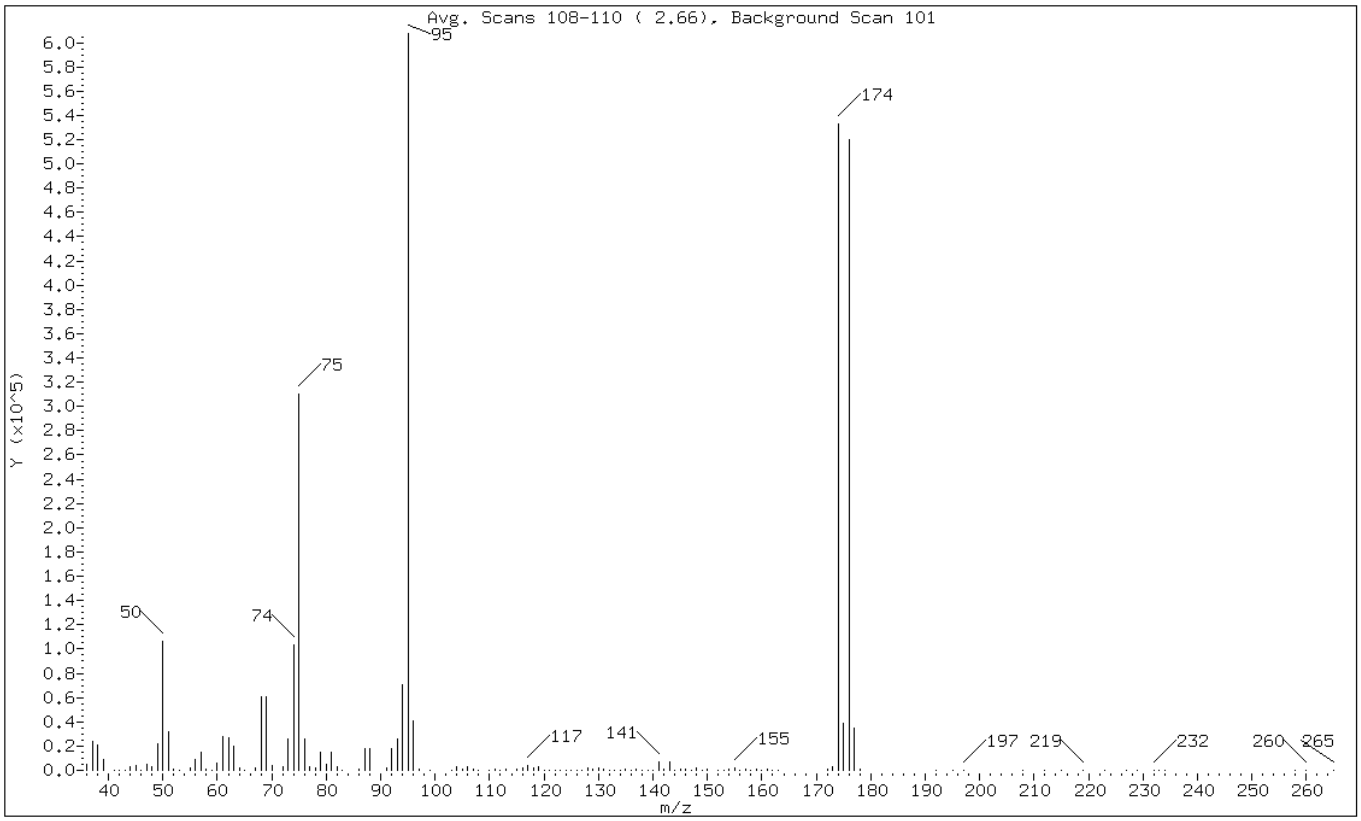
Data File: WB030.D

Date: 18-FEB-2009 09:12

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.57
75	30.00 - 60.00% of mass 95	51.06
96	5.00 - 9.00% of mass 95	6.70
173	Less than 2.00% of mass 174	0.54 (0.62)
174	50.00 - 100.00% of mass 95	87.66
175	5.00 - 9.00% of mass 174	6.36 (7.25)
176	95.00 - 101.00% of mass 174	85.60 (97.64)
177	5.00 - 9.00% of mass 176	5.73 (6.69)

Data File: WB030.D

Date: 18-FEB-2009 09:12

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W093073.b\WB030.D
Spectrum: Avg. Scans 108-110 (2.66), Background Scan 101
Location of Maximum: 95.00
Number of points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4607	75.00	310208	120.00	171	156.00	343
37.00	23448	76.00	26040	121.00	36	157.00	949
38.00	20464	77.00	2778	122.00	191	158.00	200
39.00	8621	78.00	1849	123.00	199	159.00	679
41.00	98	79.00	15002	124.00	447	160.00	33
42.00	58	80.00	4583	125.00	182	161.00	790
43.00	82	81.00	15327	126.00	301	162.00	73
44.00	2734	82.00	3261	127.00	174	163.00	73
45.00	4396	83.00	386	128.00	2195	172.00	572
46.00	410	86.00	535	129.00	1148	173.00	3277
47.00	4970	87.00	18120	130.00	2216	174.00	532544
48.00	3324	88.00	17576	131.00	847	175.00	38616
49.00	22240	91.00	2166	132.00	103	176.00	520000
50.00	106728	92.00	17448	133.00	12	177.00	34800
51.00	31400	93.00	26192	134.00	222	178.00	1013
52.00	1285	94.00	70288	135.00	1177	192.00	38
53.00	96	95.00	607488	136.00	172	195.00	35
55.00	1657	96.00	40704	137.00	1206	197.00	42
56.00	8504	97.00	1172	138.00	39	208.00	50
57.00	14546	99.00	34	139.00	221	212.00	36
58.00	617	103.00	271	140.00	433	215.00	39
59.00	318	104.00	2530	141.00	6797	219.00	99
60.00	5469	105.00	852	142.00	798	223.00	34
61.00	27440	106.00	2568	143.00	6749	227.00	34
62.00	26792	107.00	535	144.00	389	229.00	42
63.00	20336	108.00	39	145.00	639	232.00	155
64.00	1959	110.00	438	146.00	835	233.00	13
65.00	452	111.00	548	147.00	438	234.00	48
67.00	1610	112.00	376	148.00	1647	258.00	37
68.00	60712	113.00	531	149.00	431	260.00	58
69.00	60944	115.00	674	150.00	771	265.00	39
70.00	4446	116.00	2089	152.00	328		
72.00	3092	117.00	4009	153.00	468		
73.00	26128	118.00	2074	154.00	508		
74.00	103424	119.00	3198	155.00	1856		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\WB035.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 20-FEB-2009 12:50 MS Autotune Date: 16-JAN-2009 15:45
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 11 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)		
RT	EXP RT	REL RT	MASS	RESPONSE			TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
2.667	2.970	(0.000)	95	765440			0.00- 100.00	100.00
2.667	2.970	(0.000)	50	127056			15.00- 40.00	16.60
2.667	2.970	(0.000)	75	371648			30.00- 60.00	48.55
2.667	2.970	(0.000)	96	51648			5.00- 9.00	6.75
2.667	2.970	(0.000)	173	3591			0.00- 2.00	0.53
2.667	2.970	(0.000)	174	683840			50.00- 100.00	89.34
2.667	2.970	(0.000)	175	48904			5.00- 9.00	7.15
2.667	2.970	(0.000)	176	666112			95.00- 101.00	97.41
2.667	2.970	(0.000)	177	42872			5.00- 9.00	6.44

Data File: WB035.D

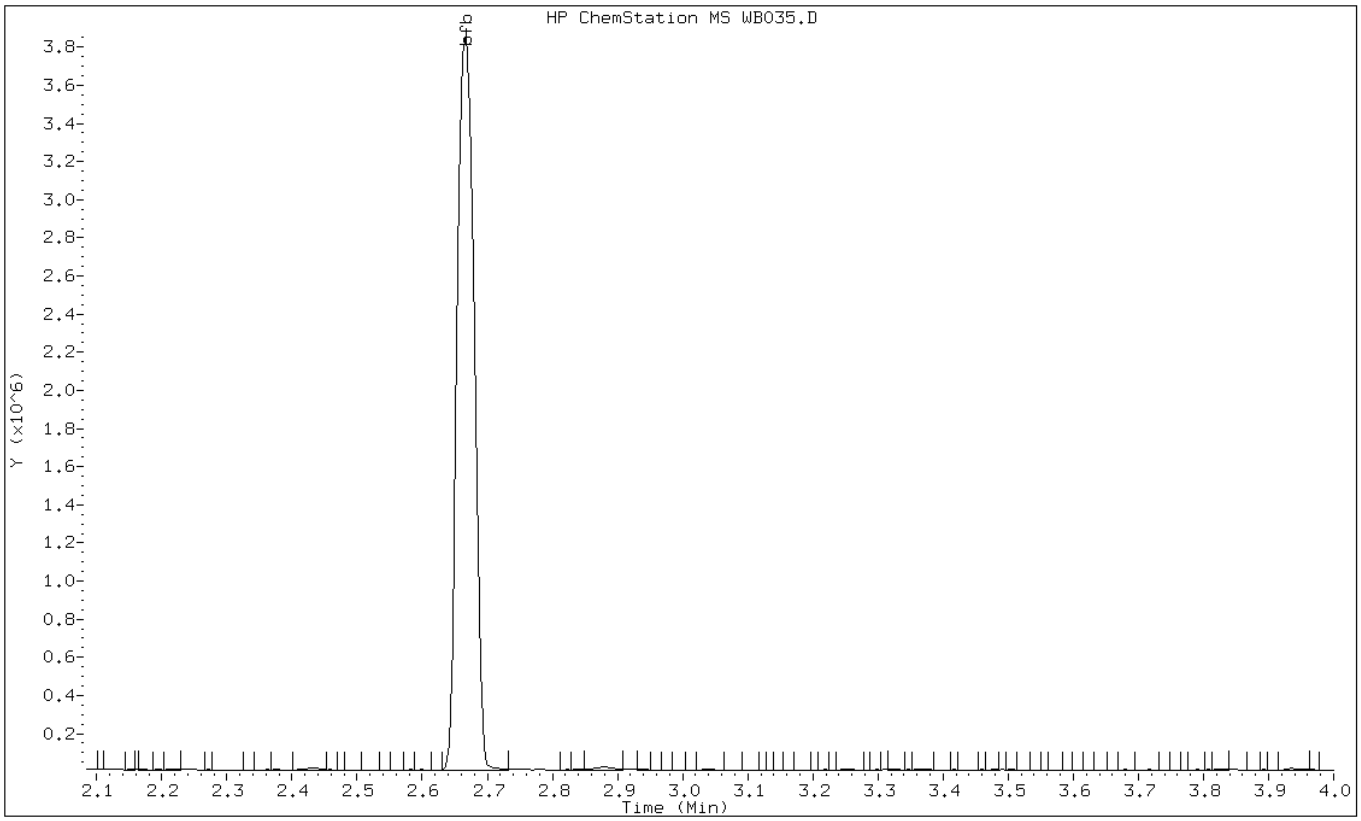
Date: 20-FEB-2009 12:50

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



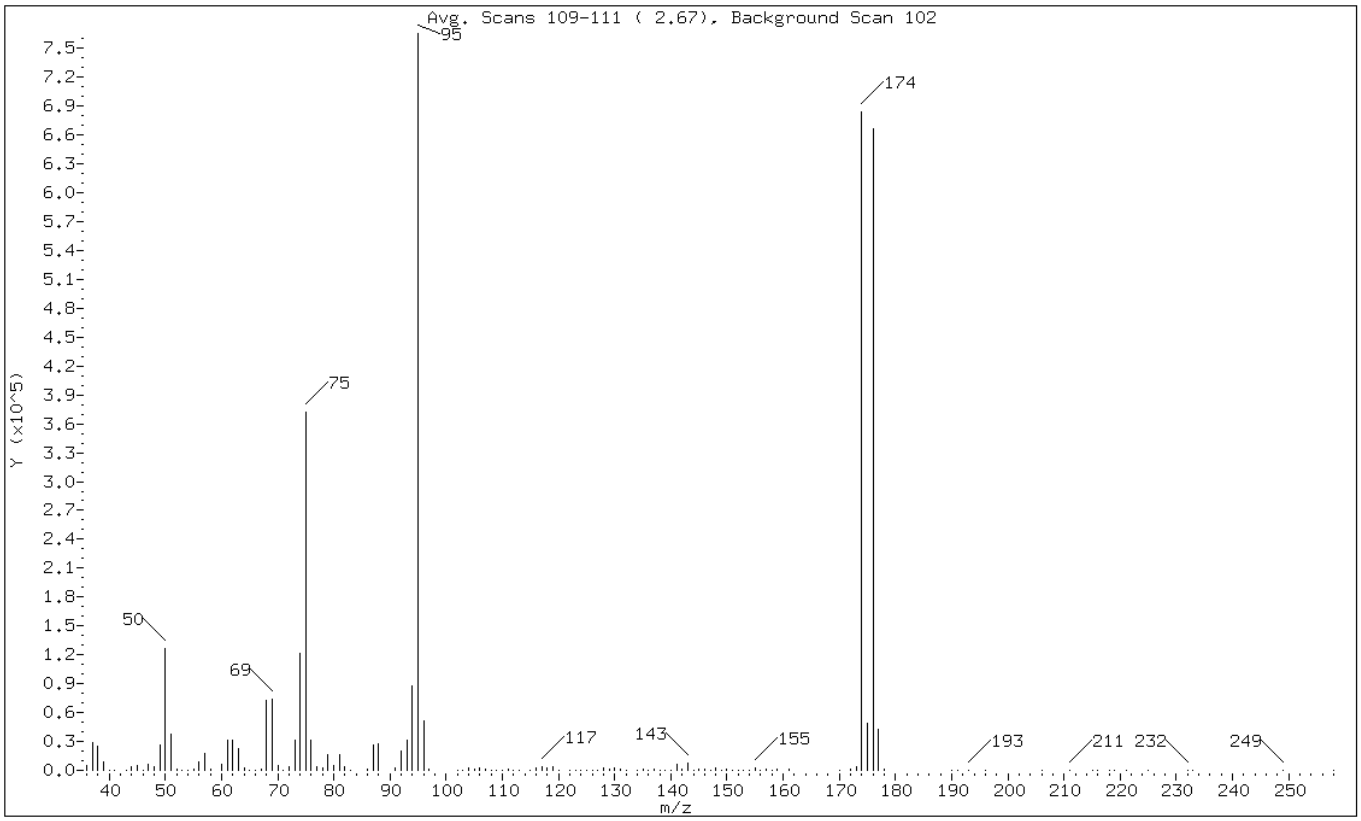
Data File: WB035.D

Date: 20-FEB-2009 12:50

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.60
75	30.00 - 60.00% of mass 95	48.55
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	0.47 (0.53)
174	50.00 - 100.00% of mass 95	89.34
175	5.00 - 9.00% of mass 174	6.39 (7.15)
176	95.00 - 101.00% of mass 174	87.02 (97.41)
177	5.00 - 9.00% of mass 176	5.60 (6.44)

Data File: WB035.D

Date: 20-FEB-2009 12:50

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W093147.b\WB035.D
Spectrum: Avg. Scans 109-111 (2.67), Background Scan 102
Location of Maximum: 95.00
Number of points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5457	73.00	31296	117.00	4362	154.00	457
37.00	28248	74.00	120984	118.00	2382	155.00	2007
38.00	25176	75.00	371648	119.00	3494	156.00	341
39.00	9362	76.00	31864	120.00	127	157.00	1150
40.00	295	77.00	3712	122.00	178	158.00	243
41.00	13	78.00	2238	123.00	245	159.00	834
43.00	168	79.00	16864	124.00	451	161.00	800
44.00	3177	80.00	5273	125.00	240	170.00	78
45.00	5555	81.00	16472	126.00	256	172.00	635
46.00	203	82.00	3952	127.00	227	173.00	3591
47.00	6322	83.00	378	128.00	2426	174.00	683840
48.00	3602	86.00	738	129.00	1142	175.00	48904
49.00	26232	87.00	26616	130.00	2711	176.00	666112
50.00	127056	88.00	27048	131.00	1001	177.00	42872
51.00	37944	91.00	1974	132.00	188	178.00	1264
52.00	1695	92.00	20344	134.00	165	190.00	42
53.00	110	93.00	31160	135.00	1205	191.00	10
54.00	68	94.00	88088	136.00	224	193.00	248
55.00	1335	95.00	765440	137.00	1240	196.00	42
56.00	9383	96.00	51648	138.00	110	206.00	37
57.00	17384	97.00	1504	139.00	97	211.00	306
58.00	742	102.00	38	140.00	405	215.00	97
60.00	6054	103.00	302	141.00	6805	216.00	35
61.00	31512	104.00	2887	142.00	871	218.00	40
62.00	31080	105.00	1077	143.00	7134	219.00	36
63.00	22792	106.00	2899	144.00	386	221.00	36
64.00	2225	107.00	655	145.00	671	225.00	41
65.00	420	108.00	35	146.00	1199	232.00	84
66.00	104	109.00	33	147.00	415	233.00	76
67.00	1701	110.00	394	148.00	1995	249.00	38
68.00	72632	111.00	629	149.00	516	258.00	34
69.00	73552	112.00	528	150.00	730		
70.00	5346	113.00	395	151.00	118		
71.00	266	115.00	615	152.00	406		
72.00	3645	116.00	2249	153.00	463		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: MB 220-24434/3

Matrix: Water | Lab File ID: W3076.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/18/2009 10:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24434 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: MB 220-24434/3

Matrix: Water Lab File ID: W3076.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 10:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89	53-125	
460-00-4	4-Bromofluorobenzene	82	73-127	
1868-53-7	Dibromofluoromethane	91	54-137	
2037-26-5	Toluene-d8 (Surr)	95	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W3076.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 18-FEB-2009 10:59 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : MB
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W8260LOW.M
Meth Date : 18-Feb-2009 09:42 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.962	4.962	(1.000)	304578	25.0000	
$ 41 Dibromofluoromethane	111	4.080	4.074	(0.822)	122815	22.7015	23
$ 55 1,2-Dichloroethane-d4	65	4.636	4.641	(0.934)	163370	22.3321	22
* 75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	327991	25.0000	
$ 77 Toluene-d8	98	6.813	6.813	(0.782)	432039	23.6606	24
* 95 1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	167503	25.0000	
$ 125 Bromofluorobenzene	95	10.125	10.125	(0.911)	132245	20.4047	20

Data File: W3076.D

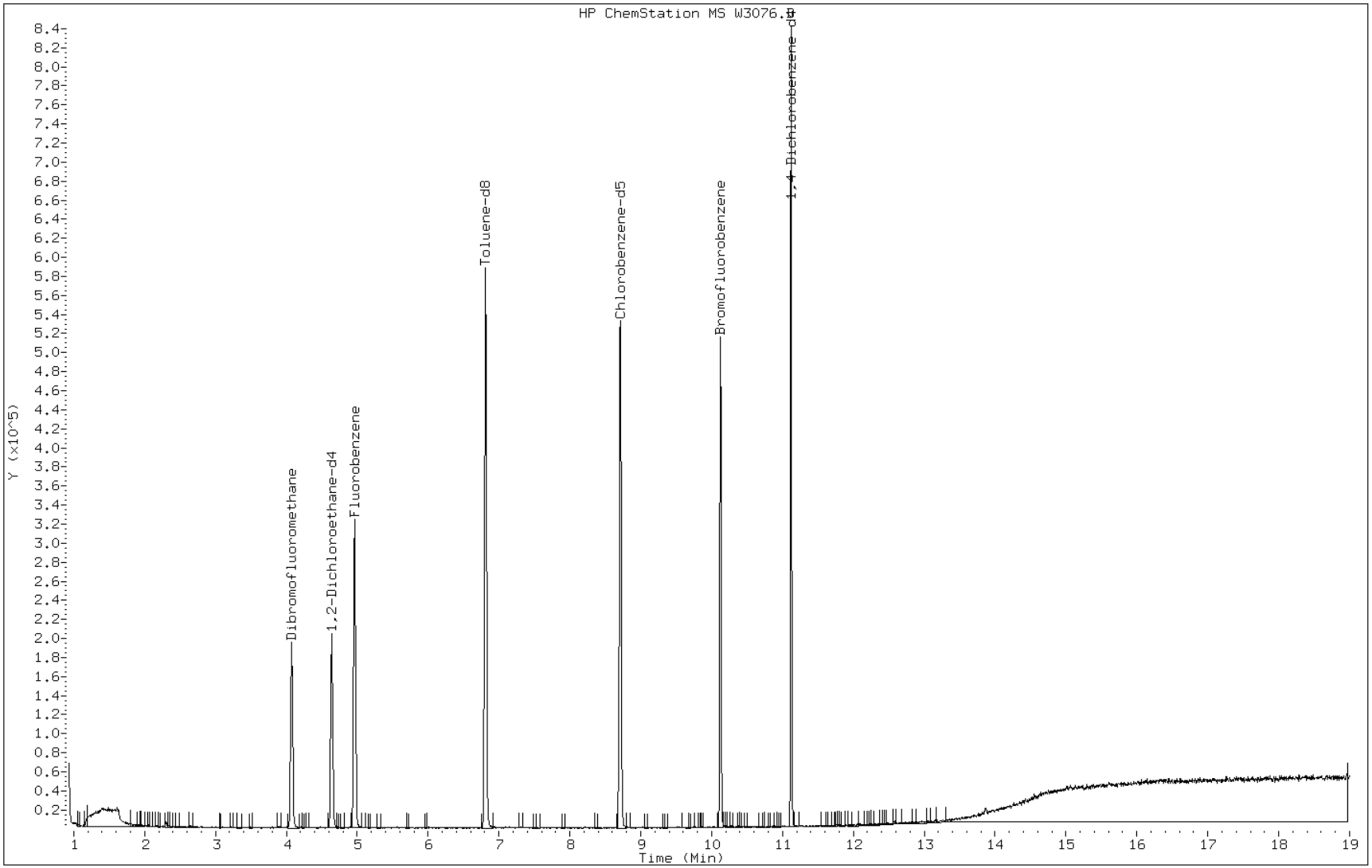
Date: 18-FEB-2009 10:59

Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: MB 220-24545/3

Matrix: Water | Lab File ID: W3155.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/20/2009 16:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24545 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: MB 220-24545/3

Matrix: Water Lab File ID: W3155.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/20/2009 16:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24545 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107	53-125	
460-00-4	4-Bromofluorobenzene	102	73-127	
1868-53-7	Dibromofluoromethane	117	54-137	
2037-26-5	Toluene-d8 (Surr)	114	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W3155.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 20-FEB-2009 16:00 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W8260LOW.m
Meth Date : 20-Feb-2009 14:05 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 10 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.962	4.962	(1.000)	309966	25.0000	
$ 41 Dibromofluoromethane	111	4.074	4.074	(0.821)	160884	29.2213	29
$ 55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	199706	26.8245	27
* 75 Chlorobenzene-d5	117	8.713	8.713	(1.000)	359429	25.0000	
$ 77 Toluene-d8	98	6.808	6.808	(0.781)	571898	28.5805	28
* 95 1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	176599	25.0000	
$ 125 Bromofluorobenzene	95	10.125	10.125	(0.911)	173547	25.3982	25

Data File: W3155.D

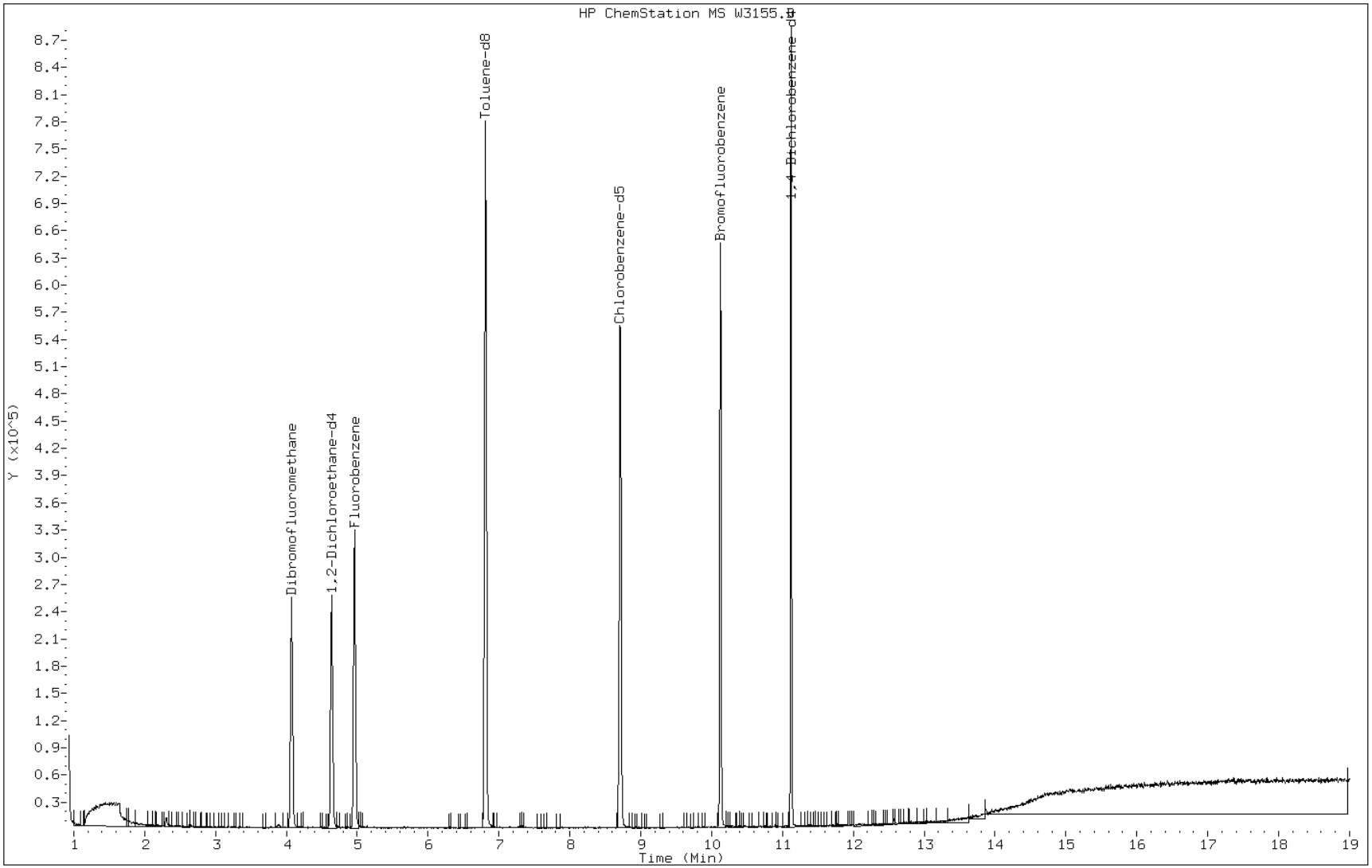
Date: 20-FEB-2009 16:00

Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: MB 220-24575/3

Matrix: Water | Lab File ID: V1991.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/24/2009 11:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24575 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	0.80	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: MB 220-24575/3

Matrix: Water Lab File ID: V1991.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/24/2009 11:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24575 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	122	53-125	
460-00-4	4-Bromofluorobenzene	90	73-127	
1868-53-7	Dibromofluoromethane	105	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V1991.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 24-FEB-2009 11:08 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V8260LOW.m
Meth Date : 24-Feb-2009 09:32 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.716	4.716	(1.000)	822993	25.0000	
	20 Methylene Chloride	84	2.139	2.139	(0.454)	5652	0.80483	0.8
	38 Chloroform	83	3.654	3.644	(0.775)	1666	0.14550	0.1
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	175991	26.2293	26
$	55 1,2-Dichloroethane-d4	65	4.396	4.391	(0.932)	217574	30.4879	30
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	608905	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	555621	22.7897	23
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	314653	25.0000	
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	179586	22.4648	22

Data File: V1991.D

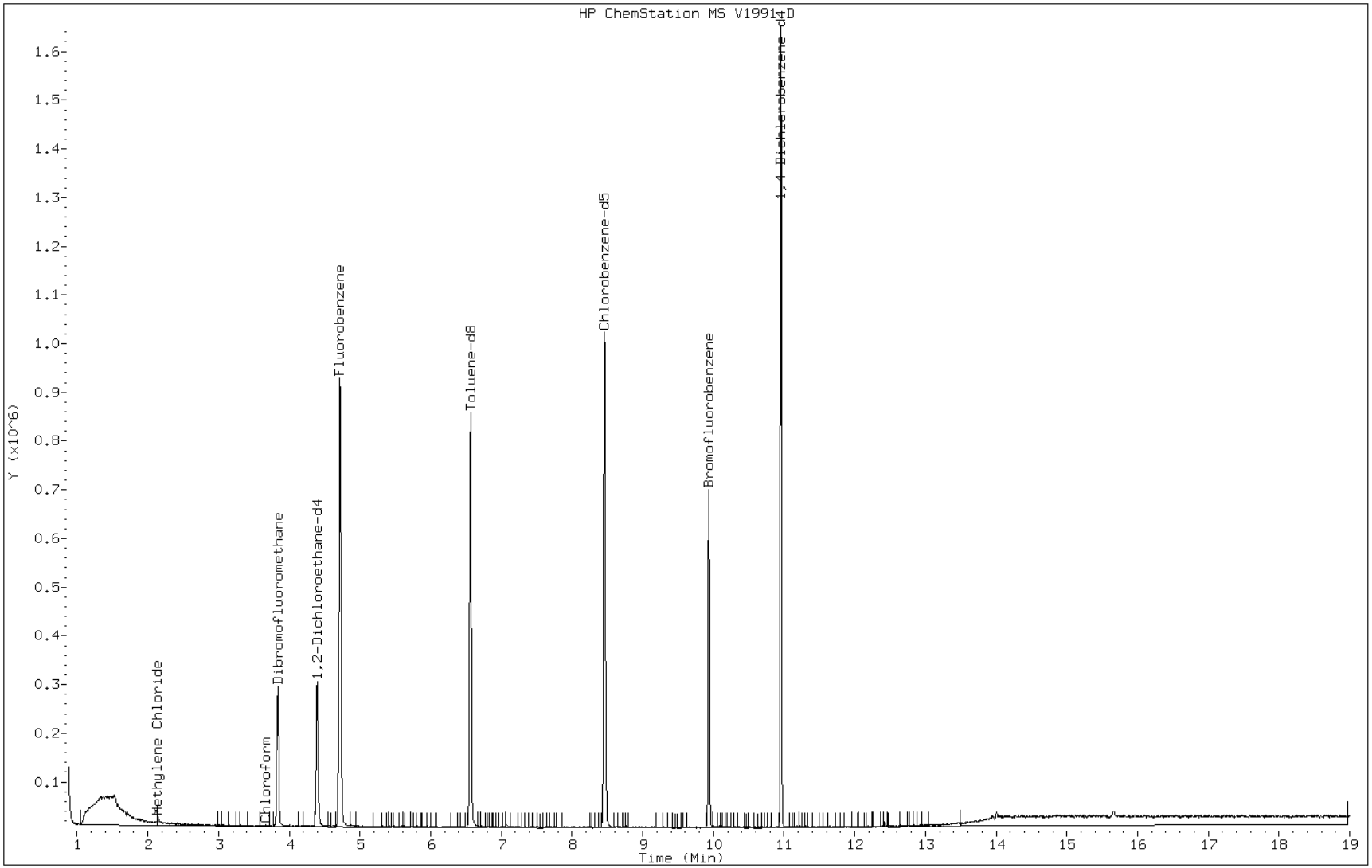
Date: 24-FEB-2009 11:08

Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: V1991.D

Date: 24-FEB-2009 11:08

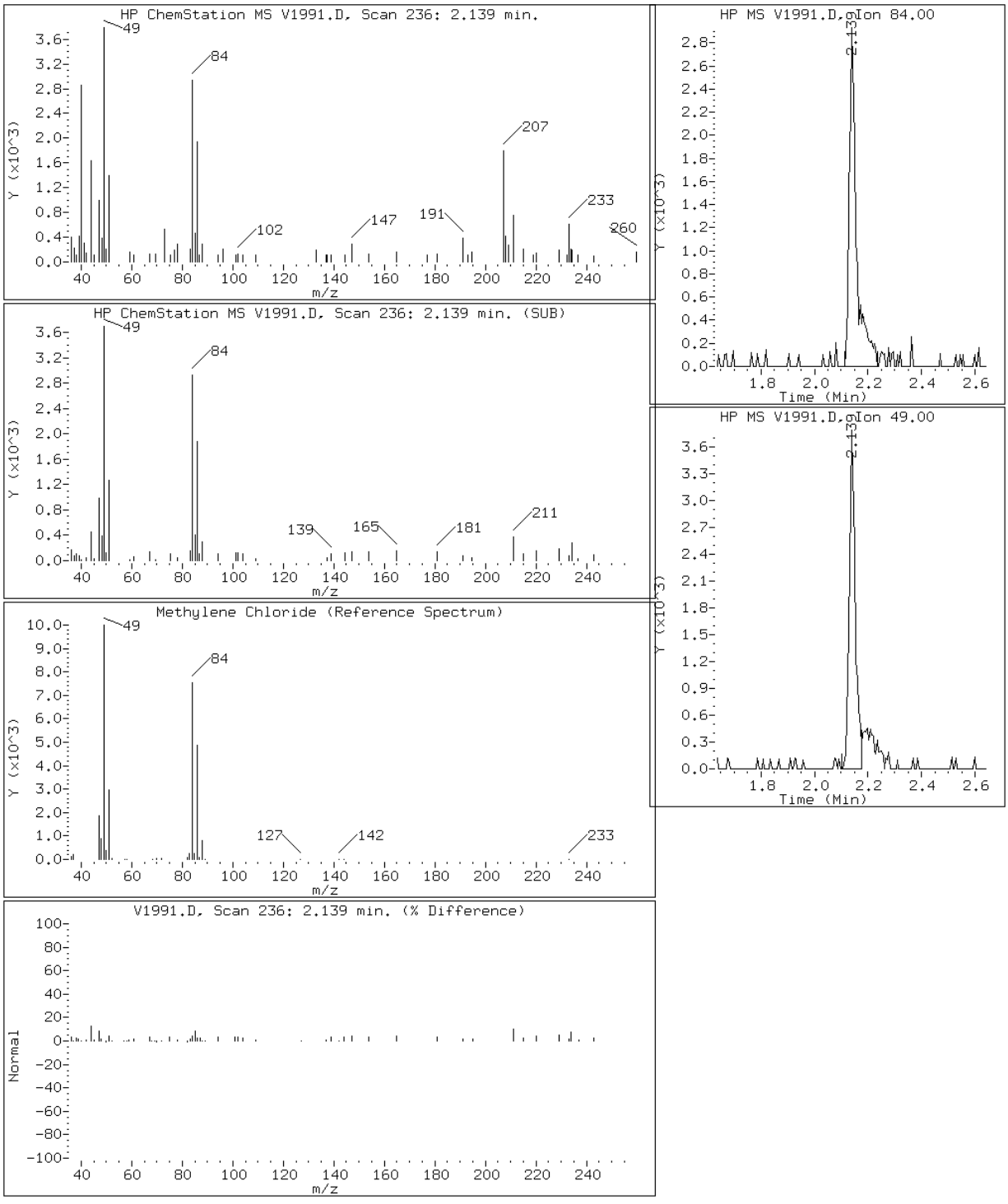
Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: MB 220-24589/3

Matrix: Water | Lab File ID: V1952.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2009 12:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24589 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: MB 220-24589/3

Matrix: Water Lab File ID: V1952.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 12:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	125	53-125	
460-00-4	4-Bromofluorobenzene	94	73-127	
1868-53-7	Dibromofluoromethane	110	54-137	
2037-26-5	Toluene-d8 (Surr)	97	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1952.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 23-FEB-2009 12:22
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 23-Feb-2009 11:36 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.716	4.717	(1.000)	886312	25.0000	
	20 Methylene Chloride	84	2.139	2.139	(0.454)	4849	0.64116	0.6
	38 Chloroform	83	3.644	3.644	(0.773)	2159	0.17508	0.2
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	197878	27.3844	27
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	240338	31.2718	31(R)
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	683907	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	667210	24.3655	24
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	368629	25.0000	
	115 n-Butylbenzene	91	11.222	11.222	(1.024)	2686	0.13814	0.1
	121 1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	2829	0.23754	0.2
	122 Hexachlorobutadiene	225	12.423	12.423	(1.134)	7527	1.30032	1
	124 1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	3520	0.29827	0.3
$	125 Bromofluorobenzene	95	9.931	9.931	(0.906)	219350	23.4213	23

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: V1952.D

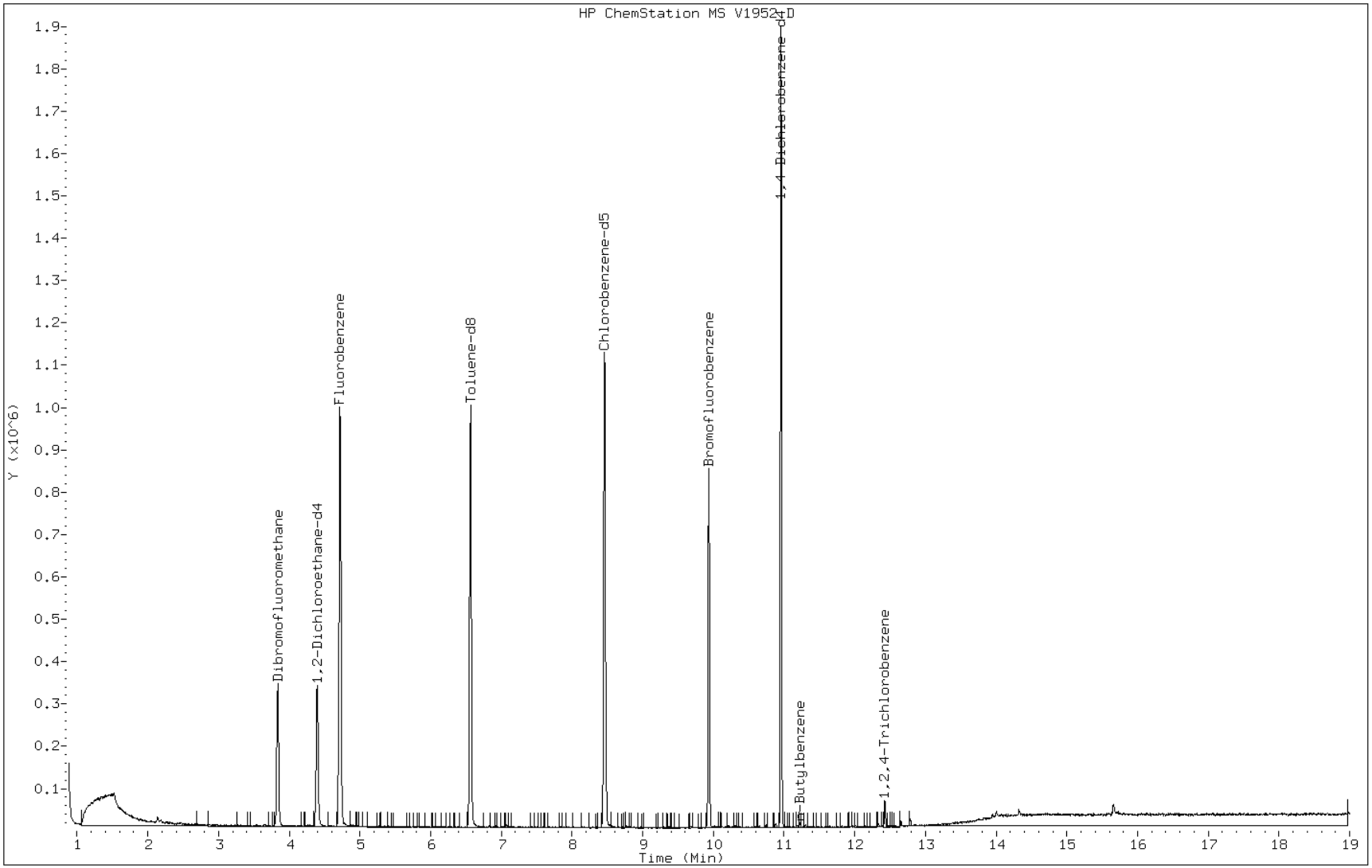
Date: 23-FEB-2009 12:22

Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: MB 220-24624/3

Matrix: Water | Lab File ID: V2028.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/25/2009 11:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24624 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	1.2	J	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: MB 220-24624/3

Matrix: Water Lab File ID: V2028.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/25/2009 11:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24624 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119	53-125	
460-00-4	4-Bromofluorobenzene	89	73-127	
1868-53-7	Dibromofluoromethane	102	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V2028.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 25-FEB-2009 11:34 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V8260LOW.m
Meth Date : 25-Feb-2009 10:24 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.722	4.717	(1.000)	844368	25.0000	
	20 Methylene Chloride	84	2.139	2.139	(0.453)	8353	1.15934	1
$	41 Dibromofluoromethane	111	3.836	3.836	(0.812)	176001	25.5668	26
$	55 1,2-Dichloroethane-d4	65	4.396	4.391	(0.931)	218044	29.7803	30
*	75 Chlorobenzene-d5	117	8.457	8.458	(1.000)	636601	25.0000	
$	77 Toluene-d8	98	6.563	6.563	(0.776)	576713	22.6257	23
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	336273	25.0000	
	122 Hexachlorobutadiene	225	12.423	12.423	(1.134)	3016	0.57116	0.6
$	125 Bromofluorobenzene	95	9.930	9.931	(0.906)	191144	22.3734	22

Data File: V2028.D

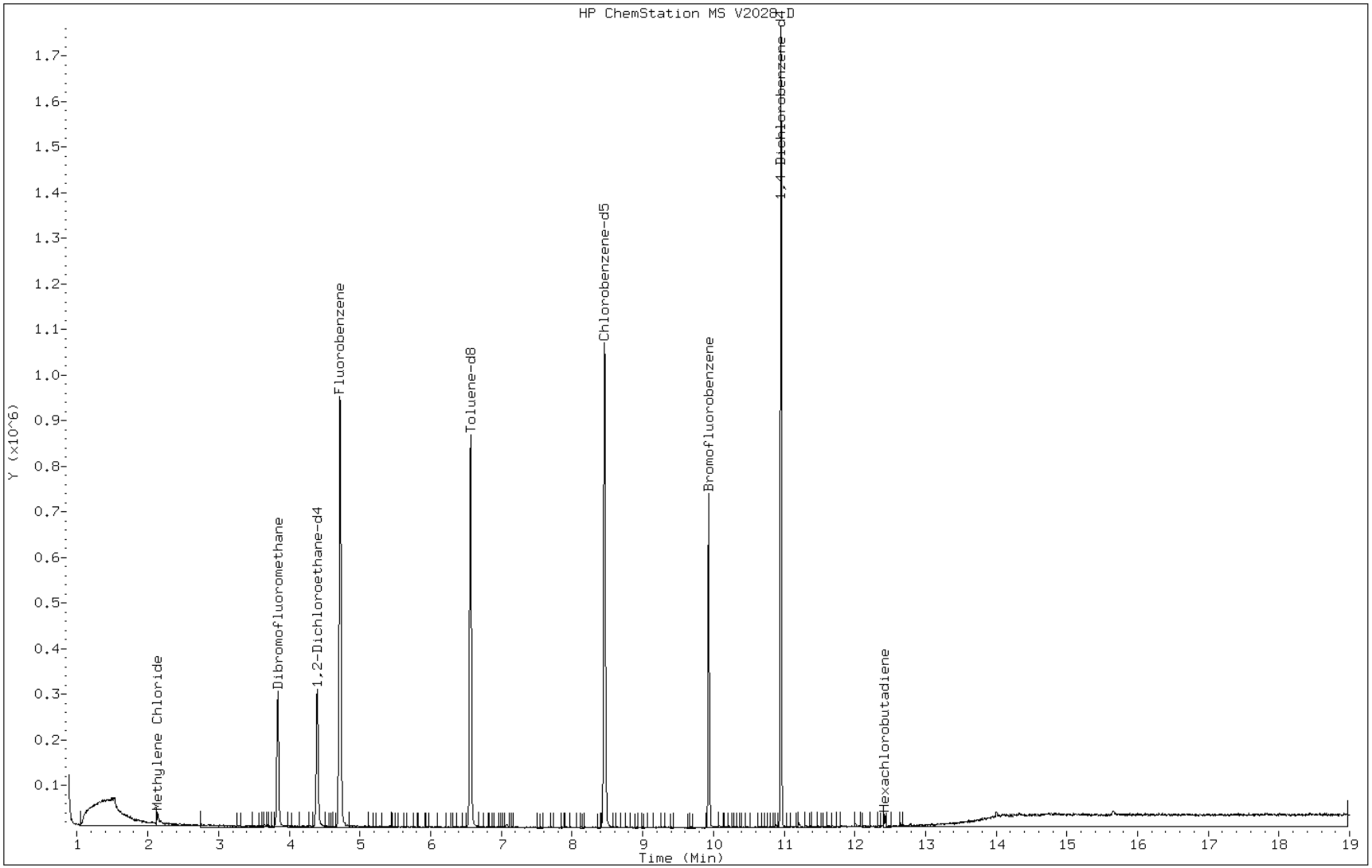
Date: 25-FEB-2009 11:34

Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: V2028.D

Date: 25-FEB-2009 11:34

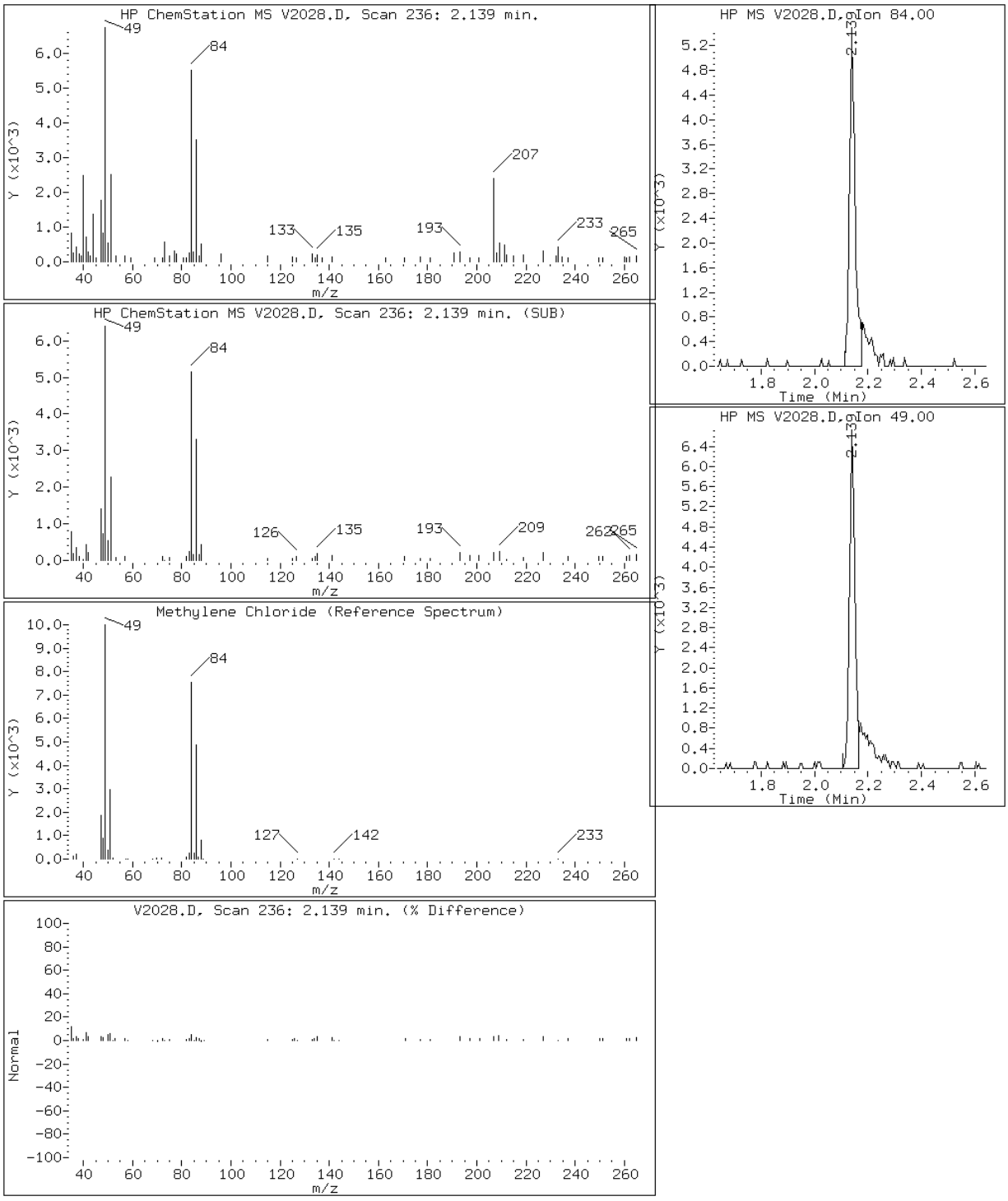
Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

20 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: LCS 220-24434/2

Matrix: Water | Lab File ID: W3074.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/18/2009 10:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24434 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	17.1		10	1.0
71-43-2	Benzene	8.89		5.0	0.74
75-27-4	Bromodichloromethane	8.61		5.0	0.48
75-25-2	Bromoform	7.58		5.0	0.46
74-83-9	Bromomethane	9.65		5.0	2.1
78-93-3	Methyl Ethyl Ketone	26.6		10	1.1
75-15-0	Carbon disulfide	11.3		5.0	0.90
56-23-5	Carbon tetrachloride	9.07		5.0	1.1
108-90-7	Chlorobenzene	8.01		5.0	0.72
75-00-3	Chloroethane	9.03		5.0	1.1
67-66-3	Chloroform	8.80		5.0	0.67
74-87-3	Chloromethane	10.8		5.0	1.1
124-48-1	Dibromochloromethane	8.13		5.0	0.55
75-34-3	1,1-Dichloroethane	8.95		5.0	1.0
107-06-2	1,2-Dichloroethane	8.32		5.0	0.72
75-35-4	1,1-Dichloroethene	9.41		5.0	0.83
78-87-5	1,2-Dichloropropane	9.15		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.59		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	8.82		5.0	0.57
100-41-4	Ethylbenzene	7.83		5.0	0.87
591-78-6	2-Hexanone	10.4		10	1.1
75-09-2	Methylene Chloride	8.64		5.0	0.78
108-10-1	methyl isobutyl ketone	8.77	J	10	0.38
100-42-5	Styrene	6.39		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	8.66		5.0	0.81
127-18-4	Tetrachloroethene	6.88		5.0	0.81
108-88-3	Toluene	8.24		5.0	0.72
71-55-6	1,1,1-Trichloroethane	8.55		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.28		5.0	0.65
79-01-6	Trichloroethene	7.72		5.0	0.62
75-01-4	Vinyl chloride	9.45		5.0	0.99
1330-20-7	Xylenes, Total	24.2		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	8.51		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	8.07		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: LCS 220-24434/2

Matrix: Water Lab File ID: W3074.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/18/2009 10:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24434 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84	53-125	
460-00-4	4-Bromofluorobenzene	73	73-127	
1868-53-7	Dibromofluoromethane	87	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W3074.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 18-FEB-2009 10:00 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : LCS
Misc Info : CCVIS
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093073.b\W8260LOW.m
Meth Date : 18-Feb-2009 09:42 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	329833	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.014	(0.203)	59457	13.2423	13(R)
3	Chloromethane	50	1.159	1.159	(0.234)	43151	10.7686	11
4	Vinyl Chloride	62	1.175	1.175	(0.237)	45247	9.45362	9
5	Bromomethane	94	1.367	1.367	(0.276)	26183	9.65012	10
6	Chloroethane	64	1.442	1.448	(0.291)	25714	9.02680	9
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	95073	9.01204	9
9	Ethyl Ether	45	1.737	1.737	(0.350)	26139	10.2148	10
11	Freon 141	81	1.795	1.795	(0.362)	95806	9.82664	10
12	Freon 123	67	1.913	1.913	(0.386)	10310	9.41769	9
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	44930	9.24387	9
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	34395	9.41407	9
15	Carbon Disulfide	76	1.886	1.886	(0.380)	119252	11.3138	11
16	Iodomethane	142	1.967	1.972	(0.396)	26688	9.53798	10
19	3-Chloro-1-Propene	41	2.218	2.223	(0.447)	54322	9.67522	10
20	Methylene Chloride	84	2.304	2.304	(0.464)	44650	8.63728	9
21	Acetone	43	2.341	2.346	(0.472)	34081	17.0814	17(R)
22	trans-1,2-Dichloroethene	96	2.437	2.443	(0.491)	37518	8.07310	8
23	Methyl Acetate	43	2.459	2.459	(0.496)	94883	4.68435	5(R)
24	Methyl tert-Butyl Ether	73	2.539	2.544	(0.512)	169552	9.25680	9
25	tert-Butyl alcohol	59	2.635	2.635	(0.531)	30618	45.2177	45
30	Acrylonitrile	53	3.058	3.058	(0.616)	34183	17.3162	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	80887	8.95453	9
	33 cis-1,2-Dichloroethene	96	3.572	3.577	(0.720)	49533	8.51361	8
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	82553	9.58425	10
	35 Bromochloromethane	128	3.780	3.780	(0.762)	26829	8.65673	9
	37 Cyclohexane	84	3.780	3.780	(0.762)	58991	10.7636	11
	38 Chloroform	83	3.882	3.882	(0.782)	93407	8.79758	9
	39 Ethyl Acetate	43	4.032	4.037	(0.812)	7741	11.8664	12(R)
	40 Methyl Acrylate	55	4.037	4.042	(0.814)	40283	8.86181	9
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	127014	21.6800	22
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	31682	19.4732	19
	43 Carbon Tetrachloride	117	4.005	4.010	(0.807)	75561	9.07266	9
	44 1,1,1-Trichloroethane	97	4.085	4.085	(0.823)	87533	8.55272	8
	45 2-Butanone	43	4.214	4.219	(0.849)	34014	26.6289	27(RH)
	46 1,1-Dichloropropene	75	4.219	4.224	(0.850)	56892	8.23475	8
	49 1-Chlorobutane	56	4.288	4.288	(0.864)	90439	9.71974	10
	51 Propionitrile	54	4.518	4.518	(0.911)	71267	91.6511	92
	52 Benzene	78	4.486	4.486	(0.904)	176079	8.89213	9
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.916)	30423	8.84978	9(M)
$	55 1,2-Dichloroethane-d4	65	4.636	4.641	(0.934)	166235	20.9838	21
	56 1,2-Dichloroethane	62	4.711	4.711	(0.949)	81468	8.32244	8
	59 Methyl Cyclohexane	83	5.139	5.134	(1.036)	56442	9.25890	9
	60 Trichloroethene	130	5.155	5.155	(1.039)	48469	7.71659	8
	63 Dibromomethane	93	5.615	5.615	(1.132)	31078	8.24473	8
	64 1,2-Dichloropropane	63	5.738	5.738	(1.156)	43563	9.14734	9
	65 Bromodichloromethane	83	5.840	5.840	(1.177)	70388	8.61368	9
	66 Methyl Methacrylate	69	6.086	6.086	(1.226)	67442	15.5698	16
	70 cis-1,3-Dichloropropene	75	6.589	6.589	(1.328)	71281	8.59094	8
	71 Chloroacetonitrile	48	7.070	7.076	(1.425)	31612	196.260	200
	72 2-Nitropropane	41	7.140	7.145	(1.439)	33090	16.8408	17
	73 trans-1,3-Dichloropropene	75	7.397	7.397	(1.490)	74706	8.81762	9
	74 1,1,2-Trichloroethane	97	7.578	7.584	(1.527)	46892	9.27963	9
*	75 Chlorobenzene-d5	117	8.707	8.713	(1.000)	356862	25.0000	
	76 Toluene	91	6.867	6.867	(0.789)	187097	8.24222	8
$	77 Toluene-d8	98	6.808	6.813	(0.782)	454238	22.8638	23
	78 1,1-Dichloro-2-propanone	43	7.156	7.161	(0.822)	120556	42.3635	42
	79 4-Methyl-2-Pentanone	43	7.370	7.375	(0.846)	37139	8.76620	9
	80 Tetrachloroethene	164	7.322	7.327	(0.841)	35393	6.88483	7(R)
	81 Ethyl Methacrylate	69	7.669	7.669	(0.881)	48117	8.28601	8
	82 Dibromochloromethane	129	7.782	7.782	(0.894)	57089	8.13351	8
	83 1,3-Dichloropropane	76	7.899	7.905	(0.907)	80366	8.75923	9
	84 1,2-Dibromoethane	107	8.028	8.033	(0.922)	43250	7.63960	8
	86 2-Hexanone	43	8.434	8.434	(0.969)	34117	10.4473	10
	87 1-Chlorohexane	91	8.793	8.782	(1.010)	61132	10.4643	10(RM)
	88 Chlorobenzene	112	8.729	8.729	(1.002)	131897	8.00569	8
	89 1,1,1,2-Tetrachloroethane	131	8.836	8.836	(1.015)	54716	8.43495	8
	90 Ethylbenzene	106	8.814	8.814	(1.012)	62463	7.82539	8
	91 Xylene (total)mp	106	9.012	9.012	(1.035)	151630	16.0270	16
	92 Xylene (total)o	106	9.515	9.515	(1.093)	72234	8.19400	8
	93 Styrene	104	9.579	9.579	(1.100)	97557	6.39315	6(R)
	94 Bromoform	173	9.563	9.563	(1.098)	37025	7.57976	8
*	95 1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	215942	25.0000	
	96 Isopropylbenzene	105	9.874	9.873	(0.888)	170966	8.11227	8
	97 Bromobenzene	156	10.200	10.200	(0.917)	57337	7.56524	8
	98 1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.932)	55188	8.65589	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
100	1,2,3-Trichloropropane	110	10.451	10.451	(0.940)	21132	7.77417	8
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.946)	36596	16.4007	16
102	n-Propylbenzene	91	10.285	10.285	(0.925)	184933	7.86971	8
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	130825	6.68265	7(R)
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	138711	7.56506	8
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.943)	143859	7.54982	8
106	tert-Butylbenzene	119	10.751	10.751	(0.967)	121955	8.14794	8
107	1,2,4-Trimethylbenzene	105	10.815	10.815	(0.973)	147639	7.82948	8
108	sec-Butylbenzene	105	10.906	10.906	(0.981)	158595	8.18290	8
109	4-Isopropyltoluene	119	11.040	11.040	(0.993)	135605	7.56141	8
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	94929	7.52417	8
111	1,4-Dichlorobenzene	146	11.131	11.136	(1.001)	99018	7.42884	7
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	98791	7.78676	8
113	Benzyl Chloride	126	11.345	11.345	(1.020)	25430	8.17116	8
115	n-Butylbenzene	91	11.382	11.382	(1.024)	106970	7.42245	7
119	1,2-Dibromo-3-chloropropane	75	12.078	12.078	(1.086)	11496	7.08208	7
120	Nitrobenzene	77	12.484	12.484	(1.123)	19596	66.7309	67(R)
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.131)	54412	7.28764	7
122	Hexachlorobutadiene	225	12.570	12.570	(1.130)	31828	7.72298	8
123	Naphthalene	128	12.805	12.800	(1.152)	116899	7.22097	7
124	1,2,3-Trichlorobenzene	180	12.934	12.933	(1.163)	56115	7.58835	8
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.911)	153183	18.3336	18
M 126	1,2-Dichloroethene (total)	100				87051	16.5867	16
M 127	Xylene (total)	100				223864	24.2210	24

QC Flag Legend

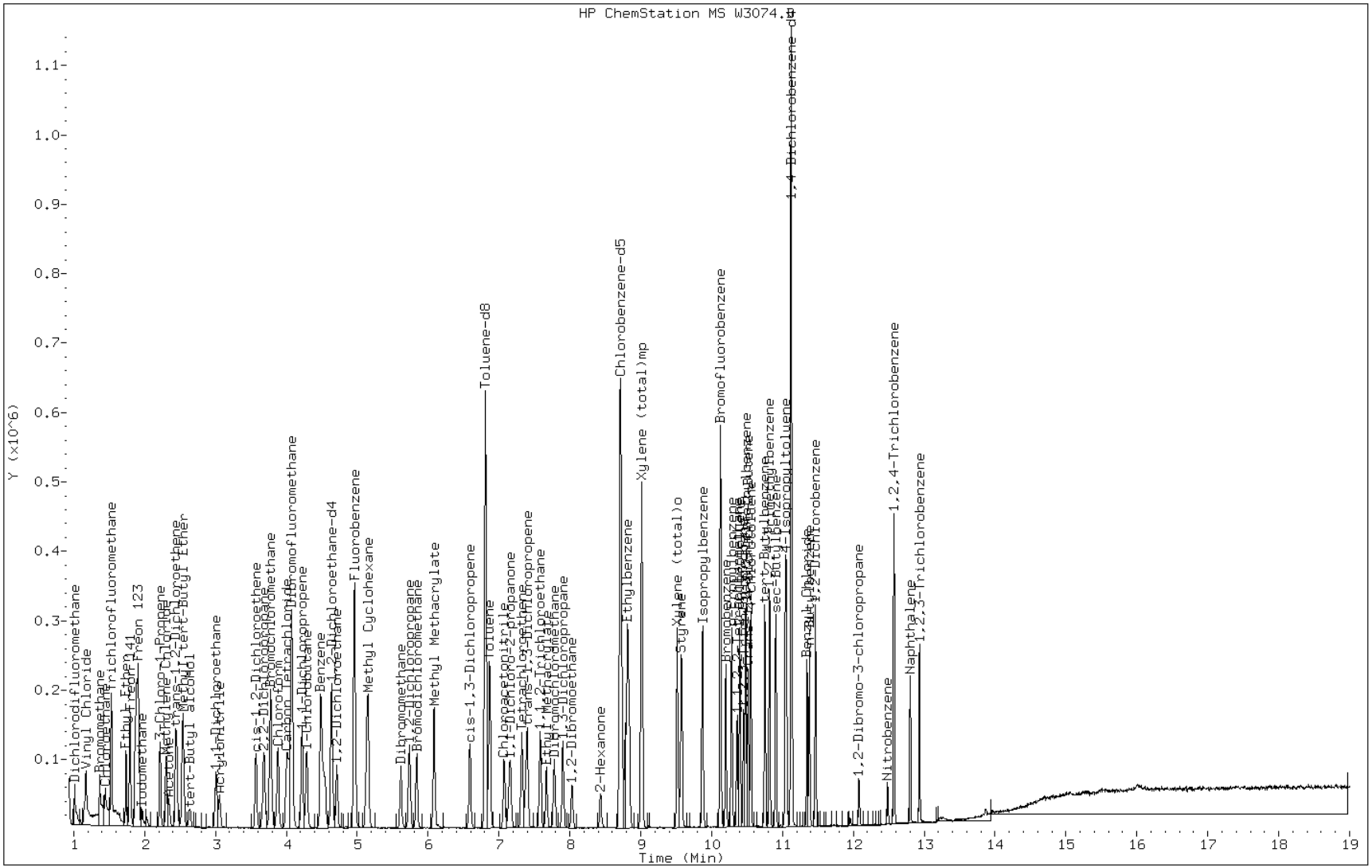
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3074.D

Date: 18-FEB-2009 10:00

Client ID: LCS Instrument: msw.i

Sample Info: LCS Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: LCS 220-24545/2

Matrix: Water | Lab File ID: W3153.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/20/2009 15:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24545 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	12.8		10	1.0
71-43-2	Benzene	10.9		5.0	0.74
75-27-4	Bromodichloromethane	10.2		5.0	0.48
75-25-2	Bromoform	8.60		5.0	0.46
74-83-9	Bromomethane	10.1		5.0	2.1
78-93-3	Methyl Ethyl Ketone	22.8		10	1.1
75-15-0	Carbon disulfide	14.3		5.0	0.90
56-23-5	Carbon tetrachloride	8.92		5.0	1.1
108-90-7	Chlorobenzene	9.13		5.0	0.72
75-00-3	Chloroethane	10.7		5.0	1.1
67-66-3	Chloroform	10.6		5.0	0.67
74-87-3	Chloromethane	12.0		5.0	1.1
124-48-1	Dibromochloromethane	9.05		5.0	0.55
75-34-3	1,1-Dichloroethane	11.1		5.0	1.0
107-06-2	1,2-Dichloroethane	9.83		5.0	0.72
75-35-4	1,1-Dichloroethene	11.5		5.0	0.83
78-87-5	1,2-Dichloropropane	11.7		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	10.7		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	10.8		5.0	0.57
100-41-4	Ethylbenzene	8.78		5.0	0.87
591-78-6	2-Hexanone	9.24	J	10	1.1
75-09-2	Methylene Chloride	12.5		5.0	0.78
108-10-1	methyl isobutyl ketone	11.7		10	0.38
100-42-5	Styrene	7.24		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	11.7		5.0	0.81
127-18-4	Tetrachloroethene	7.06		5.0	0.81
108-88-3	Toluene	9.47		5.0	0.72
71-55-6	1,1,1-Trichloroethane	8.96		5.0	0.69
79-00-5	1,1,2-Trichloroethane	11.8		5.0	0.65
79-01-6	Trichloroethene	8.50		5.0	0.62
75-01-4	Vinyl chloride	10.6		5.0	0.99
1330-20-7	Xylenes, Total	26.8		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	10.3		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	9.73		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: LCS 220-24545/2

Matrix: Water Lab File ID: W3153.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/20/2009 15:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24545 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103	53-125	
460-00-4	4-Bromofluorobenzene	94	73-127	
1868-53-7	Dibromofluoromethane	115	54-137	
2037-26-5	Toluene-d8 (Surr)	118	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W3153.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 20-FEB-2009 15:00 MS Autotune Date: 16-JAN-2009 15:45
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093147.b\W8260LOW.m
Meth Date : 20-Feb-2009 14:05 barbara Quant Type: ISTD
Cal Date : 16-FEB-2009 20:28 Cal File: W3002.D
Als bottle: 8 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.962	4.962	(1.000)	354422	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.204)	61248	12.6948	13
3	Chloromethane	50	1.159	1.159	(0.234)	51606	12.0370	12
4	Vinyl Chloride	62	1.175	1.175	(0.237)	54305	10.6232	11
5	Bromomethane	94	1.367	1.367	(0.276)	29260	10.1185	10
6	Chloroethane	64	1.448	1.448	(0.292)	31686	10.7096	11
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	103878	9.16354	9
9	Ethyl Ether	45	1.737	1.742	(0.350)	37627	14.3251	14
11	Freon 141	81	1.795	1.795	(0.362)	108520	10.4256	10
12	Freon 123	67	1.913	1.913	(0.386)	13392	11.8100	12
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.383)	51696	9.89801	10
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	44642	11.4942	11
15	Carbon Disulfide	76	1.886	1.886	(0.380)	159751	14.2536	14(R)
16	Iodomethane	142	1.967	1.972	(0.396)	30461	9.95272	10
19	3-Chloro-1-Propene	41	2.218	2.223	(0.447)	77257	13.1054	13
20	Methylene Chloride	84	2.304	2.304	(0.464)	64976	12.4585	12
21	Acetone	43	2.346	2.346	(0.473)	29361	12.8074	13
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	47885	9.73440	10
23	Methyl Acetate	43	2.459	2.459	(0.496)	158322	7.27404	7
24	Methyl tert-Butyl Ether	73	2.539	2.544	(0.512)	232887	11.8325	12
25	tert-Butyl alcohol	59	2.641	2.635	(0.532)	43462	60.8549	61
30	Acrylonitrile	53	3.053	3.058	(0.615)	56070	26.4330	26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	108002	11.1268	11
	33 cis-1,2-Dichloroethene	96	3.571	3.577	(0.720)	64579	10.3296	10
	34 2,2-Dichloropropane	77	3.684	3.684	(0.742)	85659	9.22574	9
	35 Bromochloromethane	128	3.780	3.775	(0.762)	37195	11.1688	11
	37 Cyclohexane	84	3.780	3.780	(0.762)	69160	11.8365	12
	38 Chloroform	83	3.882	3.882	(0.782)	121116	10.6159	11
	39 Ethyl Acetate	43	4.037	4.042	(0.814)	12010	17.1332	17
	40 Methyl Acrylate	55	4.037	4.042	(0.814)	63381	12.9758	13
$	41 Dibromofluoromethane	111	4.074	4.074	(0.821)	181631	28.8516	29
	42 Tetrahydrofuran	42	4.032	4.037	(0.812)	49246	28.1689	28(R)
	43 Carbon Tetrachloride	117	4.005	4.010	(0.807)	79922	8.92376	9
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.822)	98582	8.96404	9
	45 2-Butanone	43	4.219	4.219	(0.850)	31336	22.8303	23(RH)
	46 1,1-Dichloropropene	75	4.219	4.224	(0.850)	66846	9.00426	9
	49 1-Chlorobutane	56	4.288	4.288	(0.864)	107179	10.7197	11
	51 Propionitrile	54	4.518	4.518	(0.911)	117448	140.562	140
	52 Benzene	78	4.486	4.486	(0.904)	232365	10.9205	11
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.916)	45206	12.2377	12(M)
$	55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.934)	218647	25.6849	26
	56 1,2-Dichloroethane	62	4.711	4.716	(0.949)	103350	9.82534	10
	59 Methyl Cyclohexane	83	5.134	5.139	(1.034)	65349	9.97630	10
	60 Trichloroethene	130	5.155	5.155	(1.039)	57348	8.49676	8
	63 Dibromomethane	93	5.615	5.615	(1.132)	42027	10.3759	10
	64 1,2-Dichloropropane	63	5.733	5.738	(1.155)	59667	11.6596	12
	65 Bromodichloromethane	83	5.840	5.840	(1.177)	89331	10.1734	10
	66 Methyl Methacrylate	69	6.080	6.086	(1.225)	103208	21.9061	22
	70 cis-1,3-Dichloropropene	75	6.589	6.589	(1.328)	94969	10.6518	11
	71 Chloroacetonitrile	48	7.070	7.076	(1.425)	51998	300.521	300
	72 2-Nitropropane	41	7.140	7.140	(1.439)	44951	21.2901	21
	73 trans-1,3-Dichloropropene	75	7.397	7.402	(1.490)	98493	10.8187	11
	74 1,1,2-Trichloroethane	97	7.578	7.584	(1.527)	64000	11.7865	12
*	75 Chlorobenzene-d5	117	8.707	8.713	(1.000)	404599	25.0000	
	76 Toluene	91	6.867	6.872	(0.789)	243837	9.47441	9
$	77 Toluene-d8	98	6.808	6.808	(0.782)	662966	29.4328	29
	78 1,1-Dichloro-2-propanone	43	7.156	7.161	(0.822)	184757	57.2637	57
	79 4-Methyl-2-Pentanone	43	7.375	7.375	(0.847)	55961	11.6504	12
	80 Tetrachloroethene	164	7.322	7.322	(0.841)	41142	7.05889	7
	81 Ethyl Methacrylate	69	7.669	7.669	(0.881)	70321	10.5027	10
	82 Dibromochloromethane	129	7.782	7.782	(0.894)	71998	9.04735	9
	83 1,3-Dichloropropane	76	7.899	7.905	(0.907)	110952	10.6661	11
	84 1,2-Dibromoethane	107	8.028	8.033	(0.922)	59382	9.25156	9
	86 2-Hexanone	43	8.429	8.434	(0.968)	33983	9.24396	9
	87 1-Chlorohexane	91	8.787	8.787	(1.009)	60668	9.15964	9(M)
	88 Chlorobenzene	112	8.729	8.729	(1.002)	170595	9.13283	9
	89 1,1,1,2-Tetrachloroethane	131	8.836	8.836	(1.015)	68747	9.34754	9
	90 Ethylbenzene	106	8.809	8.814	(1.012)	79458	8.78004	9
	91 Xylene (total)mp	106	9.012	9.012	(1.035)	189604	17.6762	18
	92 Xylene (total)o	106	9.515	9.515	(1.093)	91452	9.15004	9
	93 Styrene	104	9.579	9.579	(1.100)	126135	7.24226	7
	94 Bromoform	173	9.563	9.563	(1.098)	47620	8.59855	8
*	95 1,4-Dichlorobenzene-d4	152	11.120	11.120	(1.000)	239429	25.0000	
	96 Isopropylbenzene	105	9.868	9.873	(0.887)	202578	8.66932	9
	97 Bromobenzene	156	10.200	10.200	(0.917)	72692	8.65037	9
	98 1,1,2,2-Tetrachloroethane	83	10.360	10.360	(0.932)	82580	11.6816	12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
100	1,2,3-Trichloropropane	110	10.451	10.451	(0.940)	29432	9.76548	10
101	trans-1,4-Dichloro-2-Butene	53	10.515	10.515	(0.946)	46929	19.1090	19
102	n-Propylbenzene	91	10.285	10.285	(0.925)	218762	8.39608	8
103	2-Chlorotoluene	91	10.398	10.398	(0.935)	161467	7.43878	7
104	4-Chlorotoluene	91	10.553	10.553	(0.949)	173544	8.53633	8
105	1,3,5-Trimethylbenzene	105	10.483	10.483	(0.943)	168322	7.96711	8
106	tert-Butylbenzene	119	10.751	10.751	(0.967)	140832	8.48614	8
107	1,2,4-Trimethylbenzene	105	10.815	10.815	(0.973)	175699	8.40353	8
108	sec-Butylbenzene	105	10.906	10.906	(0.981)	182291	8.46946	8
109	4-Isopropyltoluene	119	11.040	11.040	(0.993)	155947	7.82339	8
110	1,3-Dichlorobenzene	146	11.056	11.056	(0.994)	116299	8.31373	8
111	1,4-Dichlorobenzene	146	11.131	11.136	(1.001)	124341	8.41360	8
112	1,2-Dichlorobenzene	146	11.468	11.468	(1.031)	127978	9.09778	9
113	Benzyl Chloride	126	11.345	11.345	(1.020)	29686	8.58740	8
115	n-Butylbenzene	91	11.382	11.382	(1.024)	124280	7.75629	8
119	1,2-Dibromo-3-chloropropane	75	12.077	12.078	(1.086)	16336	9.07653	9
120	Nitrobenzene	77	12.484	12.484	(1.123)	28695	80.6392	81
121	1,2,4-Trichlorobenzene	180	12.575	12.575	(1.131)	64813	7.72722	8
122	Hexachlorobutadiene	225	12.570	12.570	(1.130)	35922	7.85323	8
123	Naphthalene	128	12.805	12.805	(1.152)	155155	8.19151	8
124	1,2,3-Trichlorobenzene	180	12.933	12.933	(1.163)	69132	8.30437	8
$ 125	Bromofluorobenzene	95	10.125	10.125	(0.911)	216658	23.3869	23
M 126	1,2-Dichloroethene (total)	100				112464	20.0640	20
M 127	Xylene (total)	100				281056	26.8262	27

QC Flag Legend

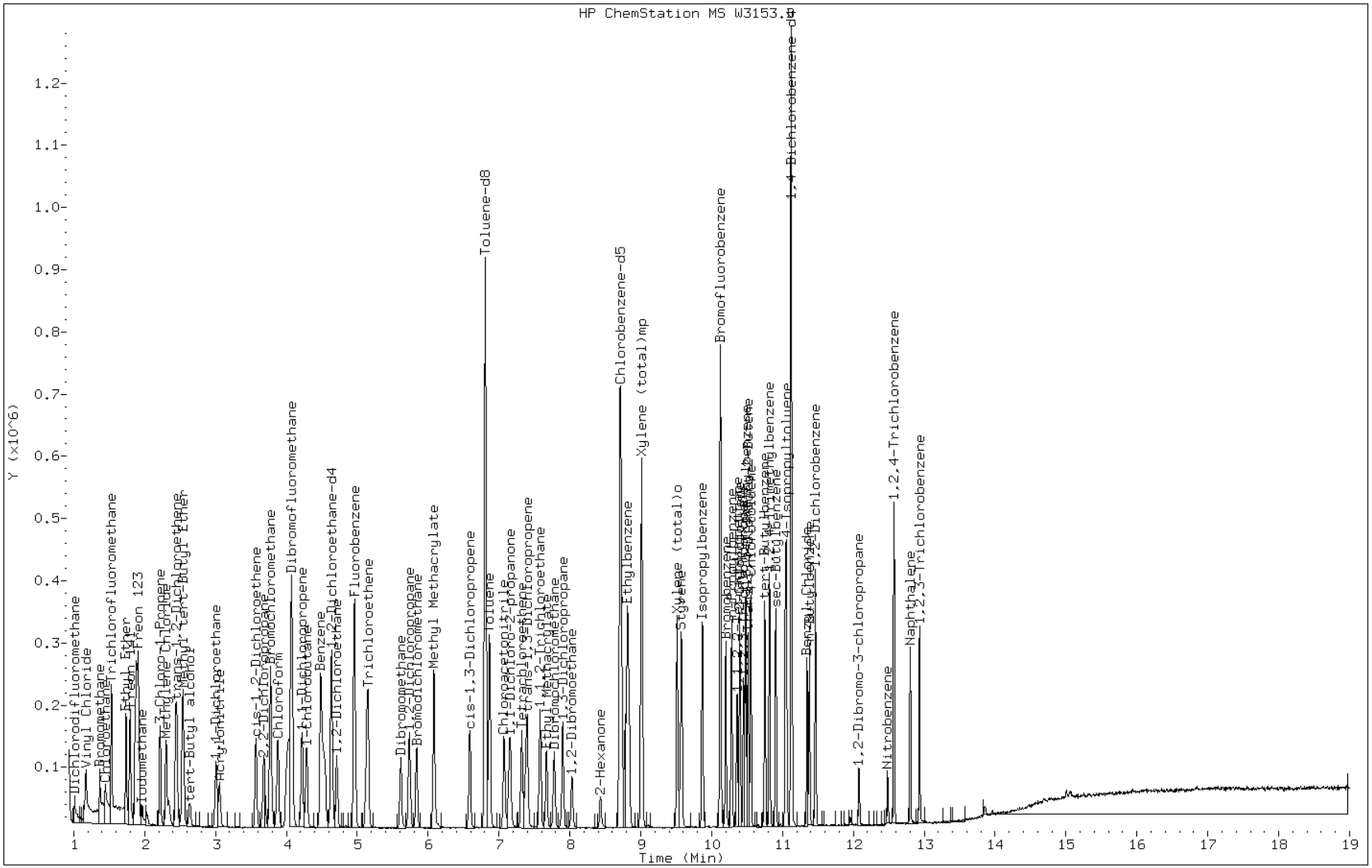
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3153.D

Date: 20-FEB-2009 15:00

Client ID: LCS Instrument: msw.i

Sample Info: LCS Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: LCS 220-24575/2

Matrix: Water | Lab File ID: V1988.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/24/2009 09:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24575 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	24.0		10	1.0
71-43-2	Benzene	8.48		5.0	0.74
75-27-4	Bromodichloromethane	10.7		5.0	0.48
75-25-2	Bromoform	9.79		5.0	0.46
74-83-9	Bromomethane	13.3		5.0	2.1
78-93-3	Methyl Ethyl Ketone	15.8		10	1.1
75-15-0	Carbon disulfide	10.3		5.0	0.90
56-23-5	Carbon tetrachloride	12.3		5.0	1.1
108-90-7	Chlorobenzene	8.49		5.0	0.72
75-00-3	Chloroethane	8.67		5.0	1.1
67-66-3	Chloroform	10.7		5.0	0.67
74-87-3	Chloromethane	11.0		5.0	1.1
124-48-1	Dibromochloromethane	10.1		5.0	0.55
75-34-3	1,1-Dichloroethane	10.0		5.0	1.0
107-06-2	1,2-Dichloroethane	12.0		5.0	0.72
75-35-4	1,1-Dichloroethene	9.23		5.0	0.83
78-87-5	1,2-Dichloropropane	8.64		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.57		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.54		5.0	0.57
100-41-4	Ethylbenzene	8.12		5.0	0.87
591-78-6	2-Hexanone	11.6		10	1.1
75-09-2	Methylene Chloride	9.18		5.0	0.78
108-10-1	methyl isobutyl ketone	9.55	J	10	0.38
100-42-5	Styrene	6.85		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.46		5.0	0.81
127-18-4	Tetrachloroethene	7.45		5.0	0.81
108-88-3	Toluene	8.10		5.0	0.72
71-55-6	1,1,1-Trichloroethane	11.7		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.29		5.0	0.65
79-01-6	Trichloroethene	8.13		5.0	0.62
75-01-4	Vinyl chloride	10.0		5.0	0.99
1330-20-7	Xylenes, Total	23.2		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	8.24		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	7.88		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: LCS 220-24575/2

Matrix: Water Lab File ID: V1988.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/24/2009 09:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24575 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	103	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V1988.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 24-FEB-2009 09:49 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091987.b\V8260LOW.m
Meth Date : 24-Feb-2009 09:32 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.717	4.716	(1.000)	825723	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	61276	20.7654	21(R)
3	Chloromethane	50	1.077	1.077	(0.228)	55995	11.0263	11
4	Vinyl Chloride	62	1.093	1.093	(0.232)	57189	10.0097	10
5	Bromomethane	94	1.274	1.274	(0.270)	26443	13.3208	13
6	Chloroethane	64	1.344	1.343	(0.285)	29644	8.67287	9
7	Trichlorofluoromethane	101	1.424	1.429	(0.302)	103501	11.8506	12
9	Ethyl Ether	45	1.616	1.616	(0.343)	46127	10.8969	11
11	Freon 141	81	1.669	1.669	(0.354)	123910	13.8723	14
12	Freon 123	67	1.776	1.776	(0.377)	14465	10.4513	10
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	63075	10.8105	11
14	1,1-Dichloroethene	96	1.739	1.738	(0.369)	50638	9.23327	9
15	Carbon Disulfide	76	1.755	1.754	(0.372)	182917	10.3077	10
16	Iodomethane	142	1.829	1.829	(0.388)	54243	11.0509	11
19	3-Chloro-1-Propene	41	2.059	2.064	(0.437)	100037	10.4152	10
20	Methylene Chloride	84	2.139	2.139	(0.454)	64709	9.18397	9
21	Acetone	43	2.176	2.176	(0.461)	55894	24.0389	24
22	trans-1,2-Dichloroethene	96	2.262	2.267	(0.480)	54057	7.87512	8
23	Methyl Acetate	43	2.283	2.283	(0.484)	156124	5.56313	6
24	Methyl tert-Butyl Ether	73	2.358	2.357	(0.500)	217724	10.7852	11
25	tert-Butyl alcohol	59	2.448	2.448	(0.519)	34824	47.0495	47
30	Acrylonitrile	53	2.843	2.838	(0.603)	49640	19.4649	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 1,1-Dichloroethane	63	2.790	2.790	(0.592)	116328	10.0468	10
	33 cis-1,2-Dichloroethene	96	3.340	3.339	(0.708)	63755	8.23793	8
	34 2,2-Dichloropropane	77	3.446	3.446	(0.731)	85218	12.0648	12
	35 Bromochloromethane	128	3.542	3.542	(0.751)	36069	9.32246	9
	36 1-Bromopropane	43	3.537	3.526	(0.750)	9772	0.96456	1.0
	37 Cyclohexane	84	3.542	3.542	(0.751)	80782	8.77192	9
	38 Chloroform	83	3.644	3.644	(0.773)	122721	10.6823	11
	39 Ethyl Acetate	43	3.793	3.804	(0.804)	11220	13.5896	14
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	54095	8.96972	9
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	172812	25.6703	26
	42 Tetrahydrofuran	42	3.799	3.793	(0.805)	47990	19.1608	19
	43 Carbon Tetrachloride	117	3.767	3.766	(0.799)	92445	12.3034	12
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	109876	11.7063	12
	45 2-Butanone	43	3.980	3.980	(0.844)	45987	15.7874	16
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	72913	8.27723	8
	49 1-Chlorobutane	56	4.044	4.049	(0.857)	127729	9.48116	9
	51 Propionitrile	54	4.279	4.279	(0.907)	108621	101.412	100
	52 Benzene	78	4.247	4.247	(0.900)	232475	8.47777	8
	53 2-Methyl-2-Propenenitrile	41	4.306	4.305	(0.913)	50020	10.5802	10(M)
$	55 1,2-Dichloroethane-d4	65	4.391	4.391	(0.931)	216087	30.1794	30
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	100697	11.9868	12
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	75530	8.35641	8
	60 Trichloroethene	130	4.909	4.909	(1.041)	62962	8.12579	8
	63 Dibromomethane	93	5.368	5.368	(1.138)	38624	9.32059	9
	64 1,2-Dichloropropane	63	5.485	5.490	(1.163)	58925	8.63673	9
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	91076	10.6917	11
	66 Methyl Methacrylate	69	5.843	5.842	(1.239)	88855	16.2904	16
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	89395	8.56643	8
	71 Chloroacetonitrile	48	6.835	6.835	(1.449)	46113	209.301	210
	72 2-Nitropropane	41	6.894	6.894	(1.462)	47267	26.5541	26
	73 trans-1,3-Dichloropropene	75	7.156	7.155	(1.517)	88833	9.53702	10
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	56991	9.29256	9
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	616433	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	227880	8.09533	8
$	77 Toluene-d8	98	6.563	6.563	(0.776)	559324	22.6614	23
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	174941	54.9254	55
	79 4-Methyl-2-Pentanone	43	7.129	7.134	(0.843)	55352	9.54848	10
	80 Tetrachloroethene	164	7.070	7.075	(0.836)	45073	7.44625	7
	81 Ethyl Methacrylate	69	7.433	7.433	(0.879)	61748	9.13989	9
	82 Dibromochloromethane	129	7.534	7.534	(0.891)	70228	10.1013	10
	83 1,3-Dichloropropane	76	7.652	7.652	(0.905)	99986	9.36773	9
	84 1,2-Dibromoethane	107	7.775	7.780	(0.919)	51950	8.36347	8
	86 2-Hexanone	43	8.191	8.191	(0.968)	46665	11.5568	12
	87 1-Chlorohexane	91	8.543	8.543	(1.010)	61796	7.87884	8(M)
	88 Chlorobenzene	112	8.479	8.479	(1.003)	161074	8.48978	8
	89 1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	65090	9.97917	10
	90 Ethylbenzene	106	8.564	8.564	(1.013)	79050	8.12447	8
	91 Xylene (total)mp	106	8.767	8.767	(1.037)	185958	15.7603	16
	92 Xylene (total)o	106	9.296	9.295	(1.099)	85206	7.47062	7
	93 Styrene	104	9.365	9.365	(1.107)	124228	6.84912	7(R)
	94 Bromoform	173	9.349	9.343	(1.105)	46574	9.79380	10
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	342959	25.0000	
	96 Isopropylbenzene	105	9.675	9.674	(0.883)	200036	7.67708	8
	97 Bromobenzene	156	10.011	10.011	(0.914)	71701	8.30195	8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
98	1,1,2,2-Tetrachloroethane	83	10.182	10.181	(0.929)	69091	9.46278	9
100	1,2,3-Trichloropropane	110	10.278	10.272	(0.938)	25955	10.2816	10
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.341	(0.944)	50781	26.8084	27
102	n-Propylbenzene	91	10.102	10.101	(0.922)	224350	7.73534	8
103	2-Chlorotoluene	91	10.214	10.213	(0.932)	155962	7.29080	7
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	171972	8.55997	8
105	1,3,5-Trimethylbenzene	105	10.310	10.309	(0.941)	165829	7.88995	8
106	tert-Butylbenzene	119	10.587	10.582	(0.966)	144492	7.98959	8
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	171173	8.05353	8
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	196485	8.10119	8
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	167893	7.80930	8
110	1,3-Dichlorobenzene	146	10.891	10.886	(0.994)	123391	8.45142	8
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	127770	8.34229	8
112	1,2-Dichlorobenzene	146	11.308	11.302	(1.032)	124910	8.53007	8
113	Benzyl Chloride	126	11.190	11.185	(1.021)	32265	9.32349	9
115	n-Butylbenzene	91	11.228	11.222	(1.025)	139578	7.71553	8
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	16572	10.8630	11
120	Nitrobenzene	77	12.338	12.332	(1.126)	57253	91.1920	91
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	92176	8.31904	8
122	Hexachlorobutadiene	225	12.428	12.423	(1.134)	47008	8.72867	9
123	Naphthalene	128	12.653	12.652	(1.155)	243817	8.23630	8
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	99023	9.01889	9
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	190519	21.8655	22
M 126	1,2-Dichloroethene (total)	100				117812	16.1130	16
M 127	Xylene (total)	100				271164	23.2309	23

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V1988.D

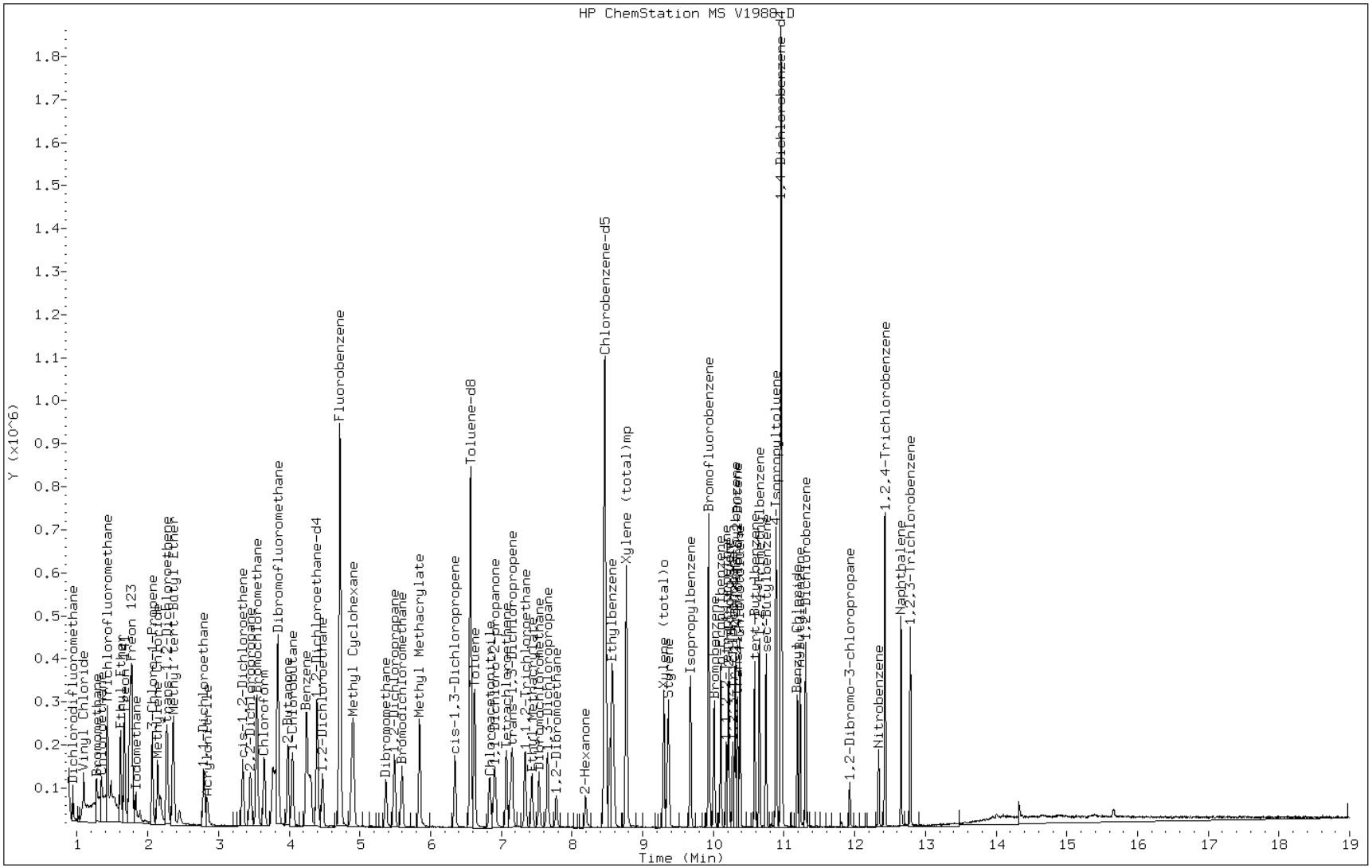
Date: 24-FEB-2009 09:49

Client ID: LCS

Instrument: msv.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: LCS 220-24589/2

Matrix: Water | Lab File ID: V1951.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2009 11:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24589 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	21.6		10	1.0
71-43-2	Benzene	8.71		5.0	0.74
75-27-4	Bromodichloromethane	10.8		5.0	0.48
75-25-2	Bromoform	10.2		5.0	0.46
74-83-9	Bromomethane	11.5		5.0	2.1
78-93-3	Methyl Ethyl Ketone	15.2		10	1.1
75-15-0	Carbon disulfide	10.3		5.0	0.90
56-23-5	Carbon tetrachloride	12.0		5.0	1.1
108-90-7	Chlorobenzene	8.59		5.0	0.72
75-00-3	Chloroethane	10.8		5.0	1.1
67-66-3	Chloroform	10.8		5.0	0.67
74-87-3	Chloromethane	11.4		5.0	1.1
124-48-1	Dibromochloromethane	10.2		5.0	0.55
75-34-3	1,1-Dichloroethane	10.0		5.0	1.0
107-06-2	1,2-Dichloroethane	11.9		5.0	0.72
75-35-4	1,1-Dichloroethene	9.21		5.0	0.83
78-87-5	1,2-Dichloropropane	8.89		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.90		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.77		5.0	0.57
100-41-4	Ethylbenzene	8.22		5.0	0.87
591-78-6	2-Hexanone	10.8		10	1.1
75-09-2	Methylene Chloride	9.36		5.0	0.78
108-10-1	methyl isobutyl ketone	10.0		10	0.38
100-42-5	Styrene	7.30		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.53		5.0	0.81
127-18-4	Tetrachloroethene	7.55		5.0	0.81
108-88-3	Toluene	8.31		5.0	0.72
71-55-6	1,1,1-Trichloroethane	11.4		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.64		5.0	0.65
79-01-6	Trichloroethene	8.35		5.0	0.62
75-01-4	Vinyl chloride	10.3		5.0	0.99
1330-20-7	Xylenes, Total	24.3		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	8.61		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	7.80		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: LCS 220-24589/2

Matrix: Water Lab File ID: V1951.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 11:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121	53-125	
460-00-4	4-Bromofluorobenzene	93	73-127	
1868-53-7	Dibromofluoromethane	107	54-137	
2037-26-5	Toluene-d8 (Surr)	98	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1951.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 23-FEB-2009 11:54 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 23-Feb-2009 11:36 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.716	4.717	(1.000)	882427	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	43590	13.8227	14(R)
3	Chloromethane	50	1.077	1.071	(0.228)	61701	11.3511	11
4	Vinyl Chloride	62	1.093	1.093	(0.232)	63000	10.3183	10
5	Bromomethane	94	1.274	1.274	(0.270)	24419	11.5107	12
6	Chloroethane	64	1.343	1.344	(0.285)	38193	10.7766	11
7	Trichlorofluoromethane	101	1.423	1.424	(0.302)	105999	11.3136	11
9	Ethyl Ether	45	1.616	1.616	(0.343)	49283	10.8943	11
11	Freon 141	81	1.669	1.669	(0.354)	128363	13.4474	13(R)
12	Freon 123	67	1.776	1.776	(0.377)	14341	9.69587	10
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	66929	10.7340	11
14	1,1-Dichloroethene	96	1.738	1.739	(0.369)	53989	9.21171	9
15	Carbon Disulfide	76	1.754	1.755	(0.372)	195885	10.3292	10
16	Iodomethane	142	1.829	1.829	(0.388)	53812	10.3216	10
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	105782	10.3057	10
20	Methylene Chloride	84	2.139	2.139	(0.454)	70446	9.35573	9
21	Acetone	43	2.176	2.176	(0.461)	54359	21.5585	22(R)
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	57208	7.79862	8
23	Methyl Acetate	43	2.283	2.283	(0.484)	173068	5.77061	6(R)
24	Methyl tert-Butyl Ether	73	2.357	2.358	(0.500)	243417	11.2831	11
25	tert-Butyl alcohol	59	2.454	2.448	(0.520)	40601	50.9071	51
30	Acrylonitrile	53	2.838	2.838	(0.602)	59845	21.9586	22
31	1,1-Dichloroethane	63	2.790	2.795	(0.592)	123938	10.0163	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	33 cis-1,2-Dichloroethene	96	3.339	3.340	(0.708)	71214	8.61043	9
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	83845	11.2259	11
	35 Bromochloromethane	128	3.542	3.542	(0.751)	38568	9.32780	9
	36 1-Bromopropane	43	3.542	3.526	(0.751)	11273	1.04122	1
	37 Cyclohexane	84	3.542	3.542	(0.751)	88092	8.95101	9
	38 Chloroform	83	3.644	3.644	(0.773)	132304	10.7764	11
	39 Ethyl Acetate	43	3.793	3.804	(0.804)	14303	16.2105	16
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	64699	10.0386	10
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	193224	26.8580	27
	42 Tetrahydrofuran	42	3.798	3.793	(0.805)	56072	20.9490	21
	43 Carbon Tetrachloride	117	3.766	3.767	(0.799)	95983	11.9534	12
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	114528	11.4179	11
	45 2-Butanone	43	3.980	3.980	(0.844)	47180	15.1562	15(R)
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	79126	8.40533	8
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	138999	9.65471	10
	51 Propionitrile	54	4.279	4.279	(0.907)	123320	107.737	110
	52 Benzene	78	4.241	4.247	(0.899)	255245	8.71000	9
	53 2-Methyl-2-Propenenitrile	41	4.305	4.423	(0.913)	55379	10.9611	11(M)
$	55 1,2-Dichloroethane-d4	65	4.391	4.396	(0.931)	230723	30.1529	30
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	106414	11.8534	12
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	83659	8.66101	9
	60 Trichloroethene	130	4.908	4.909	(1.041)	69148	8.35068	8
	63 Dibromomethane	93	5.367	5.368	(1.138)	42271	9.54519	10
	64 1,2-Dichloropropane	63	5.490	5.490	(1.164)	64801	8.88765	9
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	98243	10.7920	11
	66 Methyl Methacrylate	69	5.842	5.843	(1.239)	105387	18.0798	18
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	99270	8.90144	9
	71 Chloroacetonitrile	48	6.830	6.835	(1.448)	50346	213.830	210
	72 2-Nitropropane	41	6.899	6.894	(1.463)	51372	27.0057	27(R)
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.517)	97214	9.76613	10
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	63207	9.64384	10
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	673649	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	255635	8.30999	8
$	77 Toluene-d8	98	6.563	6.563	(0.776)	659940	24.4670	24
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	202748	58.2493	58
	79 4-Methyl-2-Pentanone	43	7.134	7.129	(0.844)	63506	10.0246	10
	80 Tetrachloroethene	164	7.070	7.075	(0.836)	49975	7.55486	8
	81 Ethyl Methacrylate	69	7.433	7.433	(0.879)	74656	10.1120	10
	82 Dibromochloromethane	129	7.534	7.534	(0.891)	77753	10.2338	10
	83 1,3-Dichloropropane	76	7.657	7.652	(0.905)	109337	9.37377	9
	84 1,2-Dibromoethane	107	7.780	7.775	(0.920)	59325	8.73959	9
	86 2-Hexanone	43	8.191	8.191	(0.968)	47616	10.7907	11
	87 1-Chlorohexane	91	8.543	8.564	(1.010)	67326	7.85483	8(RM)
	88 Chlorobenzene	112	8.479	8.479	(1.003)	178089	8.58936	8
	89 1,1,1,2-Tetrachloroethane	131	8.591	8.586	(1.016)	73498	10.3112	10
	90 Ethylbenzene	106	8.564	8.564	(1.013)	87400	8.21972	8
	91 Xylene (total)mp	106	8.767	8.767	(1.037)	210697	16.3403	16
	92 Xylene (total)o	106	9.301	9.296	(1.100)	98976	7.94088	8
	93 Styrene	104	9.365	9.365	(1.107)	144610	7.29568	7
	94 Bromoform	173	9.343	9.344	(1.105)	52981	10.1948	10
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	386035	25.0000	
	96 Isopropylbenzene	105	9.674	9.675	(0.883)	231940	7.90823	8
	97 Bromobenzene	156	10.011	10.011	(0.914)	80930	8.32492	8
	98 1,1,2,2-Tetrachloroethane	83	10.181	10.182	(0.929)	78313	9.52899	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
99	4-Ethyltoluene	105	10.213	10.219	(0.932)	3290	0.11114	0.1
100	1,2,3-Trichloropropane	110	10.277	10.272	(0.938)	30157	10.6131	11
101	trans-1,4-Dichloro-2-Butene	53	10.341	10.342	(0.944)	54879	25.7390	26
102	n-Propylbenzene	91	10.101	10.101	(0.922)	254536	7.79683	8
103	2-Chlorotoluene	91	10.213	10.214	(0.932)	175603	7.29296	7
104	4-Chlorotoluene	91	10.373	10.374	(0.947)	190473	8.42293	8
105	1,3,5-Trimethylbenzene	105	10.309	10.310	(0.941)	191267	8.08480	8
106	tert-Butylbenzene	119	10.587	10.582	(0.966)	165984	8.15385	8
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	198763	8.30811	8
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	227126	8.31959	8
109	4-Isopropyltoluene	119	10.880	10.881	(0.993)	196873	8.13544	8
110	1,3-Dichlorobenzene	146	10.891	10.886	(0.994)	138688	8.43919	8
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	147957	8.58237	8
112	1,2-Dichlorobenzene	146	11.307	11.302	(1.032)	143256	8.69128	9
113	Benzyl Chloride	126	11.190	11.185	(1.021)	37171	9.54260	10
115	n-Butylbenzene	91	11.227	11.222	(1.025)	160658	7.88981	8
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	18422	10.7282	11
120	Nitrobenzene	77	12.337	12.332	(1.126)	71160	98.3403	98
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	108353	8.68784	9
122	Hexachlorobutadiene	225	12.428	12.423	(1.134)	53967	8.90267	9
123	Naphthalene	128	12.652	12.652	(1.155)	302422	9.07605	9
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	115585	9.35263	9
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	228058	23.2531	23
M 126	1,2-Dichloroethene (total)	100				128422	16.4090	16
M 127	Xylene (total)	100				309673	24.2812	24

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V1951.D

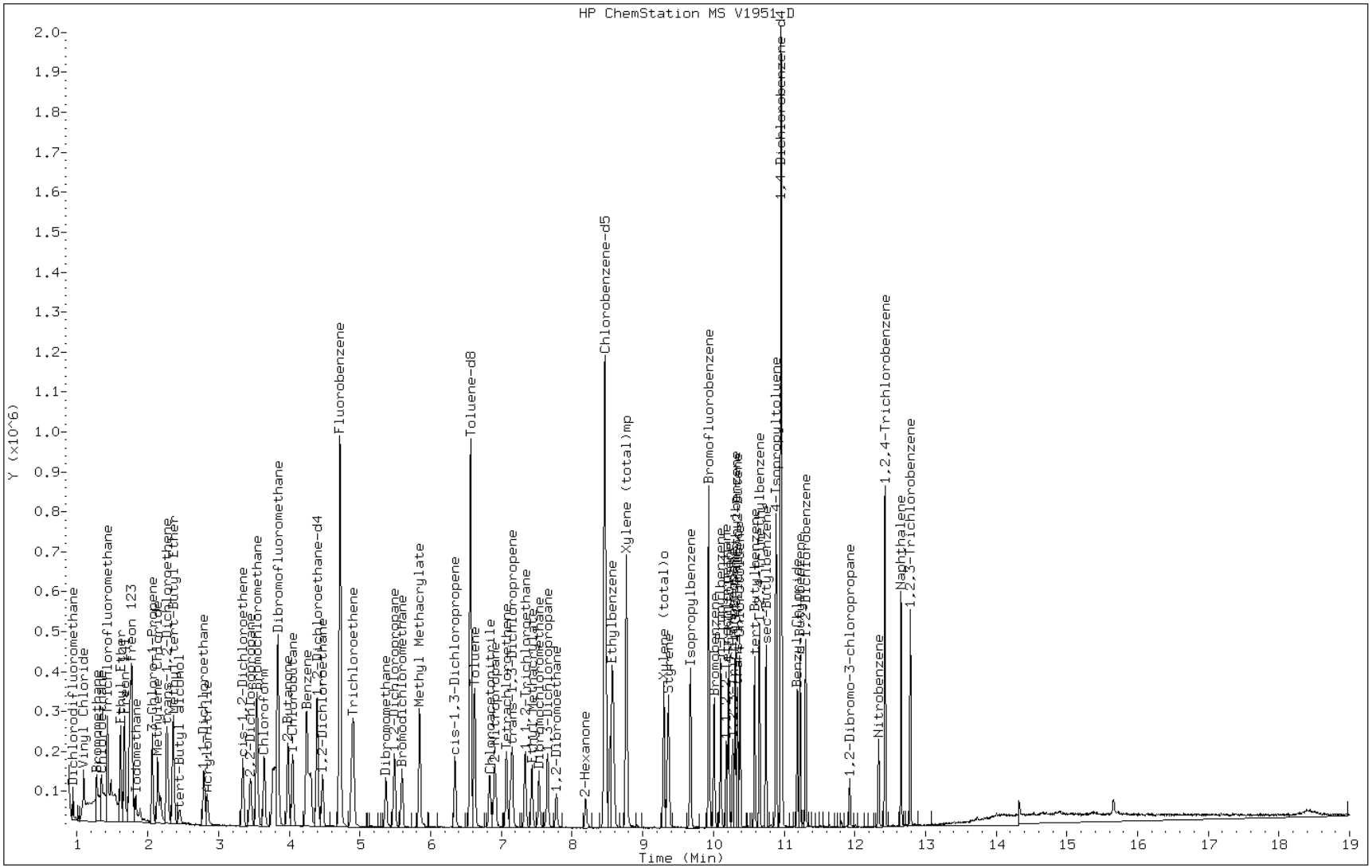
Date: 23-FEB-2009 11:54

Client ID: LCS

Instrument: msv.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: LCS 220-24624/2

Matrix: Water | Lab File ID: V2026.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/25/2009 10:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24624 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	22.1		10	1.0
71-43-2	Benzene	8.81		5.0	0.74
75-27-4	Bromodichloromethane	10.7		5.0	0.48
75-25-2	Bromoform	9.87		5.0	0.46
74-83-9	Bromomethane	12.8		5.0	2.1
78-93-3	Methyl Ethyl Ketone	16.7		10	1.1
75-15-0	Carbon disulfide	10.5		5.0	0.90
56-23-5	Carbon tetrachloride	12.4		5.0	1.1
108-90-7	Chlorobenzene	8.76		5.0	0.72
75-00-3	Chloroethane	11.1		5.0	1.1
67-66-3	Chloroform	10.8		5.0	0.67
74-87-3	Chloromethane	12.0		5.0	1.1
124-48-1	Dibromochloromethane	10.4		5.0	0.55
75-34-3	1,1-Dichloroethane	10.3		5.0	1.0
107-06-2	1,2-Dichloroethane	11.8		5.0	0.72
75-35-4	1,1-Dichloroethene	9.70		5.0	0.83
78-87-5	1,2-Dichloropropane	8.96		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.84		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.69		5.0	0.57
100-41-4	Ethylbenzene	8.51		5.0	0.87
591-78-6	2-Hexanone	12.1		10	1.1
75-09-2	Methylene Chloride	10.1		5.0	0.78
108-10-1	methyl isobutyl ketone	10.2		10	0.38
100-42-5	Styrene	7.50		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.59		5.0	0.81
127-18-4	Tetrachloroethene	7.95		5.0	0.81
108-88-3	Toluene	8.61		5.0	0.72
71-55-6	1,1,1-Trichloroethane	11.7		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.30		5.0	0.65
79-01-6	Trichloroethene	8.40		5.0	0.62
75-01-4	Vinyl chloride	10.8		5.0	0.99
1330-20-7	Xylenes, Total	25.1		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	8.69		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	8.13		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: LCS 220-24624/2

Matrix: Water Lab File ID: V2026.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/25/2009 10:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24624 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112	53-125	
460-00-4	4-Bromofluorobenzene	89	73-127	
1868-53-7	Dibromofluoromethane	98	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V2026.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 25-FEB-2009 10:41 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092024.b\V8260LOW.m
Meth Date : 25-Feb-2009 10:24 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.717	4.717	(1.000)	931235	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	71388	21.4511	21(R)
3	Chloromethane	50	1.082	1.077	(0.230)	69126	12.0147	12
4	Vinyl Chloride	62	1.093	1.093	(0.232)	69548	10.7937	11
5	Bromomethane	94	1.274	1.274	(0.270)	28602	12.7759	13
6	Chloroethane	64	1.344	1.344	(0.285)	41357	11.1107	11
7	Trichlorofluoromethane	101	1.424	1.429	(0.302)	118225	12.0175	12
9	Ethyl Ether	45	1.616	1.616	(0.343)	52324	10.9603	11
11	Freon 141	81	1.669	1.669	(0.354)	142103	14.1066	14
12	Freon 123	67	1.776	1.781	(0.377)	17295	11.0802	11
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	74890	11.3812	11
14	1,1-Dichloroethene	96	1.739	1.739	(0.369)	59982	9.69784	10
15	Carbon Disulfide	76	1.755	1.755	(0.372)	210565	10.5213	10
16	Iodomethane	142	1.829	1.829	(0.388)	61814	11.1572	11
19	3-Chloro-1-Propene	41	2.059	2.064	(0.437)	119309	11.0143	11
20	Methylene Chloride	84	2.139	2.139	(0.454)	80316	10.1075	10
21	Acetone	43	2.176	2.176	(0.461)	58656	22.1229	22
22	trans-1,2-Dichloroethene	96	2.262	2.267	(0.480)	62972	8.13445	8
23	Methyl Acetate	43	2.278	2.278	(0.483)	177035	5.59350	6
24	Methyl tert-Butyl Ether	73	2.358	2.358	(0.500)	248071	10.8961	11
25	tert-Butyl alcohol	59	2.448	2.448	(0.519)	40547	48.4241	48
30	Acrylonitrile	53	2.838	2.838	(0.602)	59802	20.7927	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 1,1-Dichloroethane	63	2.790	2.795	(0.592)	134262	10.2819	10
	33 cis-1,2-Dichloroethene	96	3.340	3.340	(0.708)	75865	8.69201	9
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	101144	12.6189	13
	35 Bromochloromethane	128	3.542	3.542	(0.751)	39812	9.12401	9
	36 1-Bromopropane	43	3.548	3.526	(0.752)	12745	1.11548	1
	37 Cyclohexane	84	3.542	3.542	(0.751)	99909	9.61966	10
	38 Chloroform	83	3.644	3.644	(0.773)	139587	10.7737	11
	39 Ethyl Acetate	43	3.793	3.804	(0.804)	13128	14.0990	14
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	64803	9.52778	10
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	185851	24.4792	24
	42 Tetrahydrofuran	42	3.799	3.799	(0.805)	56403	19.9682	20
	43 Carbon Tetrachloride	117	3.767	3.767	(0.799)	105204	12.4151	12
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	124122	11.7258	12
	45 2-Butanone	43	3.980	3.980	(0.844)	55011	16.7456	17
	46 1,1-Dichloropropene	75	3.985	3.980	(0.845)	85800	8.63659	9
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	153291	10.0894	10
	51 Propionitrile	54	4.279	4.279	(0.907)	123935	102.599	100
	52 Benzene	78	4.242	4.242	(0.899)	272307	8.80520	9
	53 2-Methyl-2-Propenenitrile	41	4.306	4.306	(0.913)	57203	10.7287	11(M)
$	55 1,2-Dichloroethane-d4	65	4.391	4.391	(0.931)	225617	27.9402	28
	56 1,2-Dichloroethane	62	4.466	4.471	(0.947)	112136	11.8361	12
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	94600	9.28039	9
	60 Trichloroethene	130	4.909	4.909	(1.041)	73427	8.40268	8
	63 Dibromomethane	93	5.368	5.368	(1.138)	44168	9.45081	9
	64 1,2-Dichloropropane	63	5.485	5.485	(1.163)	68961	8.96248	9
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	102421	10.6612	11
	66 Methyl Methacrylate	69	5.843	5.843	(1.239)	103324	16.7968	17
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	104082	8.84377	9
	71 Chloroacetonitrile	48	6.835	6.830	(1.449)	54549	219.538	220
	72 2-Nitropropane	41	6.889	6.894	(1.460)	52545	26.1746	26
	73 trans-1,3-Dichloropropene	75	7.156	7.156	(1.517)	101776	9.68855	10
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	64314	9.29843	9
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	690143	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	271219	8.60588	9
$	77 Toluene-d8	98	6.563	6.563	(0.776)	630484	22.8163	23
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	207939	58.3129	58
	79 4-Methyl-2-Pentanone	43	7.129	7.129	(0.843)	65942	10.1604	10
	80 Tetrachloroethene	164	7.070	7.070	(0.836)	53910	7.95495	8
	81 Ethyl Methacrylate	69	7.433	7.433	(0.879)	74354	9.83036	10
	82 Dibromochloromethane	129	7.534	7.534	(0.891)	81281	10.4425	10
	83 1,3-Dichloropropane	76	7.652	7.652	(0.905)	114840	9.61026	10
	84 1,2-Dibromoethane	107	7.780	7.775	(0.920)	58723	8.44415	8
	85 n-Butyl Acetate	56	8.532	8.532	(1.009)	34066	9.53345	10(M)
	86 2-Hexanone	43	8.191	8.191	(0.968)	54908	12.1459	12
	87 1-Chlorohexane	91	8.543	8.543	(1.010)	75612	8.61072	9(M)
	88 Chlorobenzene	112	8.479	8.479	(1.003)	186108	8.76159	9
	89 1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	75026	10.2740	10
	90 Ethylbenzene	106	8.564	8.564	(1.013)	92698	8.50963	8
	91 Xylene (total)mp	106	8.767	8.767	(1.037)	222912	16.8745	17
	92 Xylene (total)o	106	9.296	9.296	(1.099)	104666	8.19669	8
	93 Styrene	104	9.365	9.365	(1.107)	152211	7.49563	7
	94 Bromoform	173	9.344	9.344	(1.105)	52556	9.87135	10
*	95 1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	379759	25.0000	
	96 Isopropylbenzene	105	9.675	9.675	(0.883)	246719	8.55116	8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
97	Bromobenzene	156	10.011	10.011	(0.914)	81953	8.56947	8
98	1,1,2,2-Tetrachloroethane	83	10.182	10.182	(0.929)	77569	9.59444	10
100	1,2,3-Trichloropropane	110	10.278	10.278	(0.938)	29027	10.3843	10
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	56803	27.0817	27
102	n-Propylbenzene	91	10.101	10.101	(0.922)	268612	8.36397	8
103	2-Chlorotoluene	91	10.214	10.214	(0.932)	182958	7.72399	8
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	194623	8.74868	9
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	193679	8.32205	8
106	tert-Butylbenzene	119	10.587	10.582	(0.966)	175175	8.74756	9
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	200460	8.51752	8
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	233631	8.69930	9
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	199750	8.39074	8
110	1,3-Dichlorobenzene	146	10.886	10.886	(0.994)	139211	8.61101	9
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	142937	8.42821	8
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	144623	8.91922	9
113	Benzyl Chloride	126	11.185	11.185	(1.021)	35133	9.16845	9
115	n-Butylbenzene	91	11.222	11.222	(1.024)	166523	8.31299	8
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	18005	10.6586	11
120	Nitrobenzene	77	12.332	12.332	(1.126)	67508	95.6407	96
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	104692	8.53302	8
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	57387	9.62330	10
123	Naphthalene	128	12.653	12.653	(1.155)	291520	8.89345	9
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	108879	8.95561	9
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	213739	22.1533	22
M 126	1,2-Dichloroethene (total)	100				138837	16.8265	17
M 127	Xylene (total)	100				327578	25.0712	25

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V2026.D

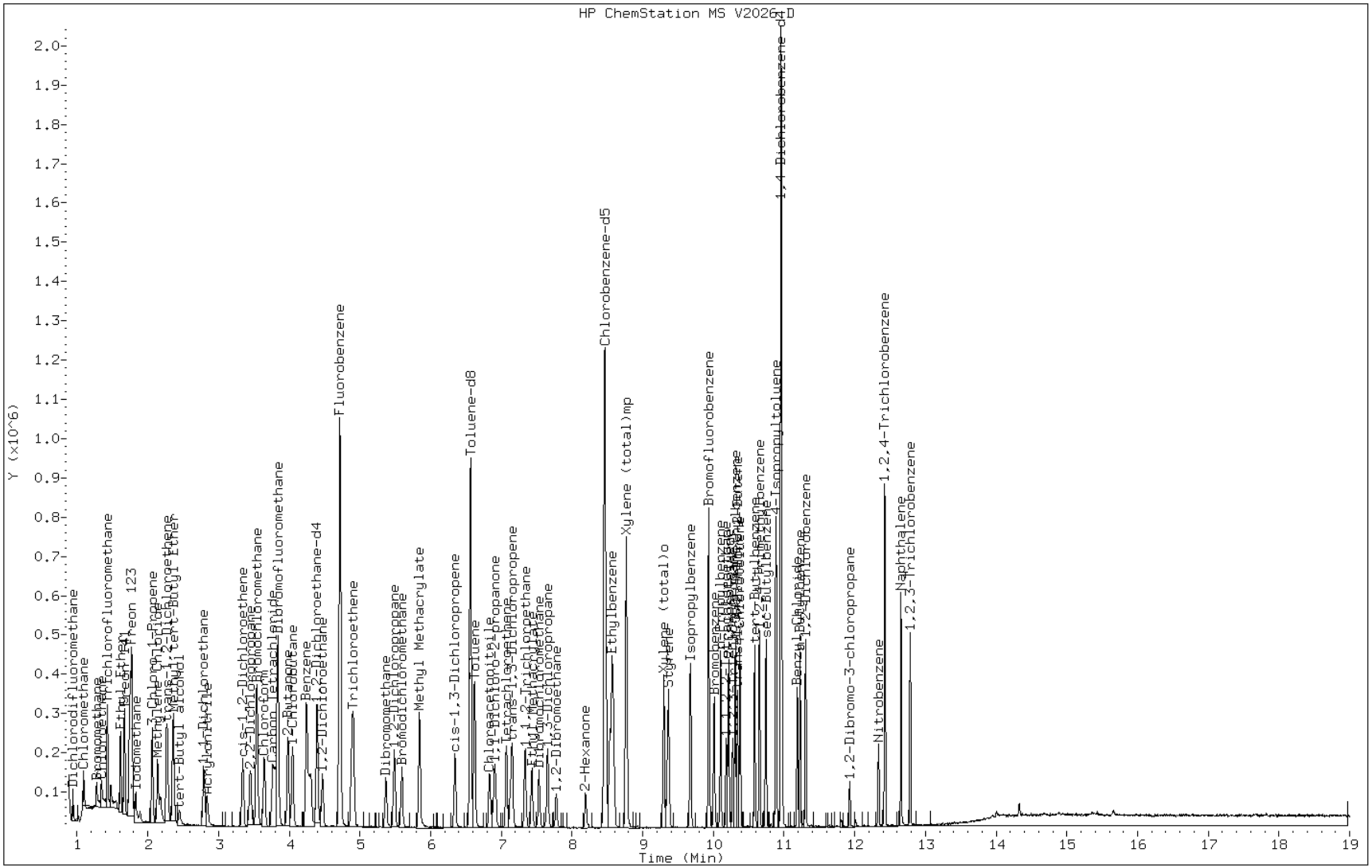
Date: 25-FEB-2009 10:41

Client ID: LCS

Instrument: msv.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: MSB 220-24589/12

Matrix: Water | Lab File ID: V1964.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2009 17:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24589 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	26.5		10	1.0
71-43-2	Benzene	18.4		5.0	0.74
75-27-4	Bromodichloromethane	22.7		5.0	0.48
75-25-2	Bromoform	22.9		5.0	0.46
74-83-9	Bromomethane	30.2		5.0	2.1
78-93-3	Methyl Ethyl Ketone	21.4		10	1.1
75-15-0	Carbon disulfide	18.9		5.0	0.90
56-23-5	Carbon tetrachloride	24.3		5.0	1.1
108-90-7	Chlorobenzene	19.0		5.0	0.72
75-00-3	Chloroethane	21.2		5.0	1.1
67-66-3	Chloroform	21.4		5.0	0.67
74-87-3	Chloromethane	20.0		5.0	1.1
124-48-1	Dibromochloromethane	22.3		5.0	0.55
75-34-3	1,1-Dichloroethane	20.6		5.0	1.0
107-06-2	1,2-Dichloroethane	25.8		5.0	0.72
75-35-4	1,1-Dichloroethene	18.8		5.0	0.83
78-87-5	1,2-Dichloropropane	19.0		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	21.0		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	23.1		5.0	0.57
100-41-4	Ethylbenzene	18.9		5.0	0.87
591-78-6	2-Hexanone	20.8		10	1.1
75-09-2	Methylene Chloride	19.8		5.0	0.78
108-10-1	methyl isobutyl ketone	20.7		10	0.38
100-42-5	Styrene	19.8		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	19.0		5.0	0.81
127-18-4	Tetrachloroethene	18.6		5.0	0.81
108-88-3	Toluene	18.6		5.0	0.72
71-55-6	1,1,1-Trichloroethane	23.1		5.0	0.69
79-00-5	1,1,2-Trichloroethane	20.6		5.0	0.65
79-01-6	Trichloroethene	19.1		5.0	0.62
75-01-4	Vinyl chloride	17.4		5.0	0.99
1330-20-7	Xylenes, Total	56.5		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	18.9		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	18.6		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: MSB 220-24589/12

Matrix: Water Lab File ID: V1964.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 17:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	96	54-137	
2037-26-5	Toluene-d8 (Surr)	88	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1964.D
Lab Smp Id: MSB Client Smp ID: MSB
Inj Date : 23-FEB-2009 17:40 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MSB
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 15 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.716	4.717	(1.000)	869661	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	88693	28.5380	28
3	Chloromethane	50	1.071	1.071	(0.227)	109481	19.9714	20
4	Vinyl Chloride	62	1.093	1.093	(0.232)	104800	17.4163	17
5	Bromomethane	94	1.274	1.274	(0.270)	63178	30.2182	30
6	Chloroethane	64	1.344	1.344	(0.285)	64663	21.1566	21
7	Trichlorofluoromethane	101	1.424	1.424	(0.302)	151040	17.1568	17
8	Dichlorofluoromethane	67	1.461	1.461	(0.310)	228241	22.6286	23
9	Ethyl Ether	45	1.616	1.616	(0.343)	93900	21.0618	21
10	Ethanol	45	1.669	1.669	(0.354)	58413	222.404	220
11	Freon 141	81	1.669	1.669	(0.354)	229026	24.3452	24
12	Freon 123	67	1.776	1.776	(0.377)	31433	21.5636	22
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	120050	19.5361	20
14	1,1-Dichloroethene	96	1.738	1.739	(0.369)	108559	18.7944	19
15	Carbon Disulfide	76	1.754	1.755	(0.372)	353963	18.9387	19
16	Iodomethane	142	1.829	1.829	(0.388)	122022	22.6043	23
17	Acrolein	56	1.963	1.963	(0.416)	141135	127.266	130
18	2-Propanol	45	2.096	2.096	(0.444)	21120	23.9262	24
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	206546	20.4178	20
20	Methylene Chloride	84	2.139	2.139	(0.454)	146819	19.7848	20
21	Acetone	43	2.181	2.176	(0.463)	64174	26.5241	26
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	134286	18.5746	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	669254	22.6425	23
	24 Methyl tert-Butyl Ether	73	2.363	2.358	(0.501)	484168	22.7720	23
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	94409	113.797	110
	26 Acetonitrile	41	2.550	2.550	(0.541)	224815	227.220	230
	27 Isopropyl ether	45	2.704	2.705	(0.573)	473946	20.6618	21
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	475281	22.2908	22
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	99073	17.8241	18
	30 Acrylonitrile	53	2.843	2.838	(0.603)	121255	45.1445	45
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	250654	20.5544	20
	32 Vinyl Acetate	43	3.073	3.073	(0.652)	338159	23.4221	23
	33 cis-1,2-Dichloroethene	96	3.345	3.340	(0.709)	154385	18.9406	19
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	169511	21.4611	21
	35 Bromochloromethane	128	3.542	3.542	(0.751)	83712	20.5432	20
	36 1-Bromopropane	43	3.526	3.526	(0.748)	206136	19.3190	19
	37 Cyclohexane	84	3.542	3.542	(0.751)	172227	17.7568	18
	38 Chloroform	83	3.649	3.644	(0.774)	259395	21.4384	21
	39 Ethyl Acetate	43	3.798	3.804	(0.805)	39153	45.0260	45
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	132503	20.8608	21
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	170189	24.0035	24
	42 Tetrahydrofuran	42	3.798	3.793	(0.805)	113120	42.8831	43
	43 Carbon Tetrachloride	117	3.766	3.767	(0.799)	192598	24.3376	24
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	228078	23.0720	23
	45 2-Butanone	43	3.980	3.980	(0.844)	65783	21.4425	21
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	178526	19.2427	19
	47 tert-Amyl methyl ether	73	4.423	4.423	(0.938)	428508	21.5670	22
	48 tert-Butyl formate	57	4.599	4.599	(0.975)	3621	5.59399	6
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	278789	19.6486	20
	50 Heptane	43	4.268	4.268	(0.905)	114794	17.7854	18
	51 Propionitrile	54	4.279	4.279	(0.907)	237354	210.405	210
	52 Benzene	78	4.247	4.247	(0.900)	531779	18.4129	18
	53 2-Methyl-2-Propenenitrile	41	4.305	4.423	(0.913)	105146	21.1168	21(M)
	54 Isobutyl alcohol	42	4.428	4.428	(0.939)	23295	266.827	270
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	205741	27.2827	27
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	228255	25.7984	26(R)
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	168017	17.6497	18
	60 Trichloroethene	130	4.914	4.909	(1.042)	156057	19.1229	19
	61 Isopropyl Acetate	43	4.887	4.887	(1.036)	9596	35.8093	36
	62 n-Butanol	56	5.405	5.410	(1.146)	31169	174.190	170
	63 Dibromomethane	93	5.368	5.368	(1.138)	94227	21.5897	22
	64 1,2-Dichloropropane	63	5.485	5.490	(1.163)	136413	18.9841	19
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	203948	22.7325	23
	66 Methyl Methacrylate	69	5.843	5.843	(1.239)	114259	19.8896	20
	67 1,4-Dioxane	58	5.837	5.832	(1.238)	12535	237.375	240
	68 n-Propyl Acetate	43	6.323	6.323	(1.341)	30973	37.7465	38
	69 2-Chloroethylvinylether	63	6.323	6.323	(1.341)	40286	16.7107	17
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	230267	20.9509	21
	71 Chloroacetonitrile	48	6.835	6.835	(1.449)	52698	227.105	230
	72 2-Nitropropane	41	6.894	6.894	(1.462)	99868	53.2702	53
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.517)	226546	23.0929	23
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	133268	20.6319	21
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	666533	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	565388	18.5754	18
$	77 Toluene-d8	98	6.563	6.563	(0.776)	588208	22.0404	22
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	413193	119.977	120

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
79	4-Methyl-2-Pentanone	43	7.129	7.129	(0.843)	129927	20.7284	21
80	Tetrachloroethene	164	7.075	7.075	(0.837)	121576	18.5752	18
81	Ethyl Methacrylate	69	7.433	7.433	(0.879)	146079	19.9972	20
82	Dibromochloromethane	129	7.534	7.534	(0.891)	167570	22.2909	22
83	1,3-Dichloropropane	76	7.652	7.652	(0.905)	237746	20.6002	21
84	1,2-Dibromoethane	107	7.780	7.775	(0.920)	137242	20.4339	20
85	n-Butyl Acetate	56	8.532	8.474	(1.009)	64536	18.7003	19(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	90797	20.7961	21
87	1-Chlorohexane	91	8.543	8.564	(1.010)	145500	17.1565	17(M)
88	Chlorobenzene	112	8.479	8.479	(1.003)	390247	19.0228	19
89	1,1,1,2-Tetrachloroethane	131	8.591	8.586	(1.016)	149859	21.2484	21
90	Ethylbenzene	106	8.564	8.564	(1.013)	198777	18.8940	19
91	Xylene (total)mp	106	8.767	8.767	(1.037)	484481	37.9744	38
92	Xylene (total)o	106	9.295	9.296	(1.099)	228685	18.5434	18
93	Styrene	104	9.365	9.365	(1.107)	387456	19.7561	20
94	Bromoform	173	9.349	9.344	(1.105)	117499	22.8510	23
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	380368	25.0000	
96	Isopropylbenzene	105	9.674	9.675	(0.883)	525762	18.1935	18
97	Bromobenzene	156	10.011	10.011	(0.914)	181863	18.9862	19
98	1,1,2,2-Tetrachloroethane	83	10.181	10.182	(0.929)	153833	18.9970	19
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	541858	18.5781	18
100	1,2,3-Trichloropropane	110	10.277	10.272	(0.938)	59487	21.2472	21
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	98528	46.8994	47
102	n-Propylbenzene	91	10.101	10.101	(0.922)	587594	18.2671	18
103	2-Chlorotoluene	91	10.213	10.214	(0.932)	460708	19.4187	19
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	429750	19.2872	19
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	445555	19.1141	19
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	372206	18.5568	18
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	453822	19.2520	19
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	491449	18.2699	18
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	441678	18.5235	18
110	1,3-Dichlorobenzene	146	10.891	10.886	(0.994)	306104	18.9040	19
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	314746	18.5291	18
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	309008	19.0267	19
113	Benzyl Chloride	126	11.190	11.185	(1.021)	69109	18.0061	18
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	235619	17.9380	18
115	n-Butylbenzene	91	11.222	11.222	(1.024)	373181	18.5997	18
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	433710	18.5037	18
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	36698	21.6898	22
120	Nitrobenzene	77	12.332	12.332	(1.126)	148070	182.550	180
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	234244	19.0617	19
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	106755	17.8732	18
123	Naphthalene	128	12.652	12.652	(1.155)	622636	18.9645	19
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	236343	19.4088	19
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	202449	20.9495	21
M 126	1,2-Dichloroethene (total)	100				288671	37.5152	38
M 127	Xylene (total)	100				713166	56.5178	56

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V1964.D

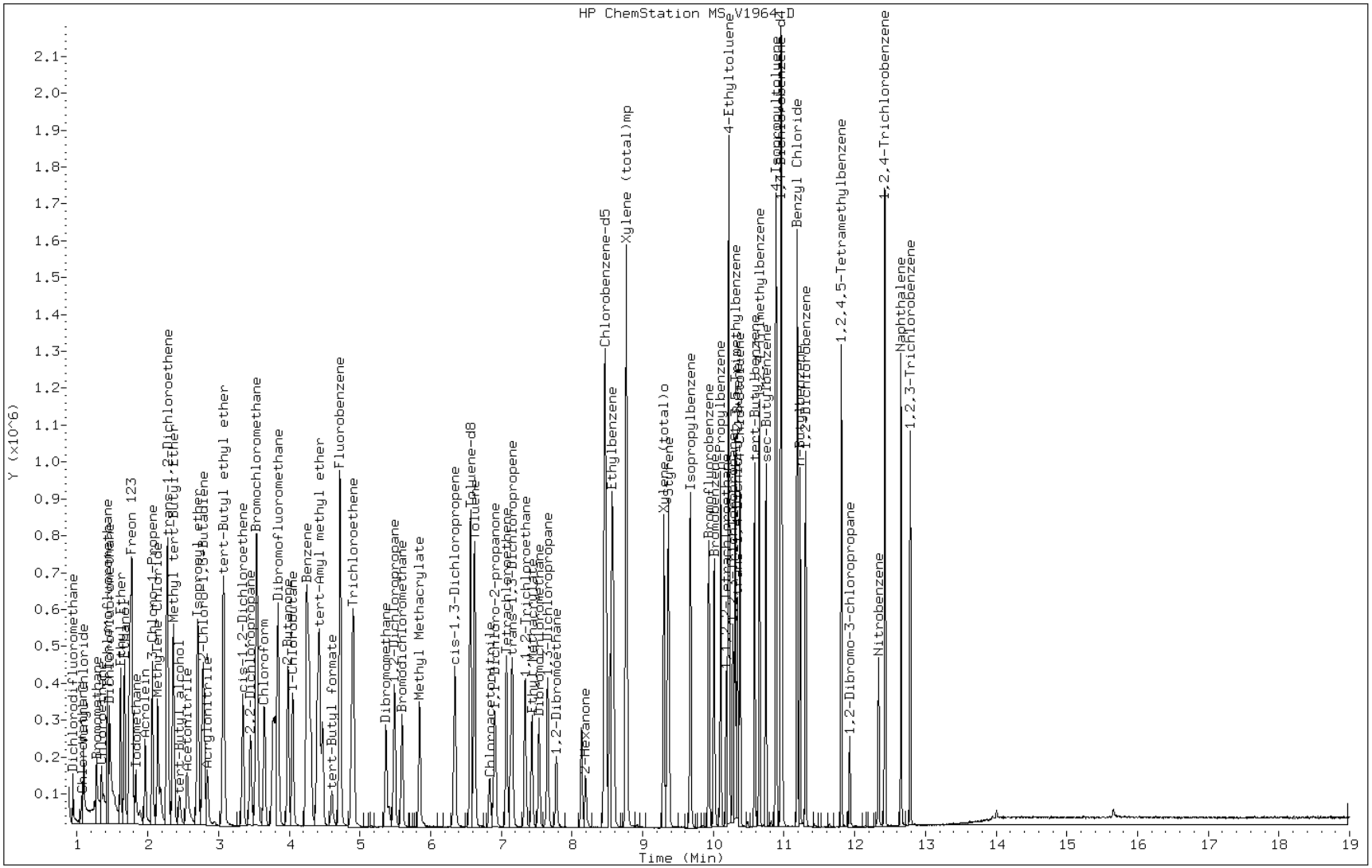
Date: 23-FEB-2009 17:40

Client ID: MSB

Instrument: msv.i

Sample Info: MSB

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: 220-8064-B-24 MS

Matrix: Water Lab File ID: V1962.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	26.8		10	1.0
71-43-2	Benzene	17.3		5.0	0.74
75-27-4	Bromodichloromethane	21.2		5.0	0.48
75-25-2	Bromoform	21.8		5.0	0.46
74-83-9	Bromomethane	32.0		5.0	2.1
78-93-3	Methyl Ethyl Ketone	22.3		10	1.1
75-15-0	Carbon disulfide	18.3		5.0	0.90
56-23-5	Carbon tetrachloride	24.1		5.0	1.1
108-90-7	Chlorobenzene	17.8		5.0	0.72
75-00-3	Chloroethane	26.7		5.0	1.1
67-66-3	Chloroform	20.2		5.0	0.67
74-87-3	Chloromethane	23.4		5.0	1.1
124-48-1	Dibromochloromethane	21.3		5.0	0.55
75-34-3	1,1-Dichloroethane	19.3		5.0	1.0
107-06-2	1,2-Dichloroethane	24.6		5.0	0.72
75-35-4	1,1-Dichloroethene	18.2		5.0	0.83
78-87-5	1,2-Dichloropropane	17.6		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	18.9		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	21.5		5.0	0.57
100-41-4	Ethylbenzene	17.8		5.0	0.87
591-78-6	2-Hexanone	22.1		10	1.1
75-09-2	Methylene Chloride	17.9		5.0	0.78
108-10-1	methyl isobutyl ketone	20.6		10	0.38
100-42-5	Styrene	18.1		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	18.4		5.0	0.81
127-18-4	Tetrachloroethene	18.5		5.0	0.81
108-88-3	Toluene	17.1		5.0	0.72
71-55-6	1,1,1-Trichloroethane	22.2		5.0	0.69
79-00-5	1,1,2-Trichloroethane	19.4		5.0	0.65
79-01-6	Trichloroethene	18.3		5.0	0.62
75-01-4	Vinyl chloride	22.9		5.0	0.99
1330-20-7	Xylenes, Total	52.6		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	17.7		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	17.7		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: 220-8064-B-24 MS

Matrix: Water Lab File ID: V1962.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 16:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	98	54-137	
2037-26-5	Toluene-d8 (Surr)	87	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1962.D
Lab Smp Id: 220-8064-b-24 ms Client Smp ID: ms
Inj Date : 23-FEB-2009 16:47 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8064-b-24 ms
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.716	4.717	(1.000)	835034	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	124346	41.6689	42
3	Chloromethane	50	1.071	1.071	(0.227)	123844	23.4248	23
4	Vinyl Chloride	62	1.093	1.093	(0.232)	132170	22.8757	23
5	Bromomethane	94	1.274	1.274	(0.270)	64336	32.0482	32
6	Chloroethane	64	1.343	1.344	(0.285)	74006	26.7496	27
7	Trichlorofluoromethane	101	1.424	1.424	(0.302)	202833	25.8195	26
8	Dichlorofluoromethane	67	1.461	1.461	(0.310)	211717	21.8608	22
9	Ethyl Ether	45	1.616	1.616	(0.343)	87584	20.4598	20
10	Ethanol	45	1.669	1.669	(0.354)	54439	213.695	210
11	Freon 141	81	1.669	1.669	(0.354)	221927	24.5688	24
12	Freon 123	67	1.776	1.776	(0.377)	28336	20.2451	20
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	116260	19.7038	20
14	1,1-Dichloroethene	96	1.738	1.739	(0.369)	100980	18.2073	18
15	Carbon Disulfide	76	1.754	1.755	(0.372)	329076	18.3373	18
16	Iodomethane	142	1.829	1.829	(0.388)	110347	21.3403	21
17	Acrolein	56	1.963	1.963	(0.416)	130940	122.969	120
18	2-Propanol	45	2.091	2.096	(0.443)	20656	24.3509	24
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	184782	19.0238	19
20	Methylene Chloride	84	2.139	2.139	(0.454)	127633	17.9126	18
21	Acetone	43	2.181	2.176	(0.463)	62235	26.8247	27
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	122872	17.7006	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	606407	21.3670	21
	24 Methyl tert-Butyl Ether	73	2.357	2.358	(0.500)	458143	22.4415	22
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	88484	111.189	110
	26 Acetonitrile	41	2.550	2.550	(0.541)	215600	226.942	230
	27 Isopropyl ether	45	2.704	2.705	(0.573)	421357	19.1309	19
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	426660	20.8402	21
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	92520	17.3354	17
	30 Acrylonitrile	53	2.838	2.838	(0.602)	112623	43.6695	44
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	225915	19.2939	19
	32 Vinyl Acetate	43	3.073	3.073	(0.652)	297404	21.4535	21
	33 cis-1,2-Dichloroethene	96	3.345	3.340	(0.709)	138138	17.6501	18
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	159538	21.0656	21
	35 Bromochloromethane	128	3.542	3.542	(0.751)	75652	19.3351	19
	36 1-Bromopropane	43	3.526	3.526	(0.748)	188858	18.4337	18
	37 Cyclohexane	84	3.542	3.542	(0.751)	162571	17.4564	17
	38 Chloroform	83	3.649	3.644	(0.774)	234675	20.1996	20
	39 Ethyl Acetate	43	3.798	3.804	(0.805)	37382	44.7720	45
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	123563	20.2600	20
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	166046	24.3903	24
	42 Tetrahydrofuran	42	3.798	3.793	(0.805)	108647	42.8954	43
	43 Carbon Tetrachloride	117	3.766	3.767	(0.799)	183280	24.1205	24
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	210417	22.1681	22
	45 2-Butanone	43	3.980	3.980	(0.844)	65607	22.2719	22
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	167209	18.7702	19
	47 tert-Amyl methyl ether	73	4.423	4.423	(0.938)	390896	20.4898	20
	48 tert-Butyl formate	57	4.610	4.599	(0.977)	2894	4.78366	5
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	254998	18.7171	19
	50 Heptane	43	4.273	4.268	(0.906)	106439	17.1748	17
	51 Propionitrile	54	4.279	4.279	(0.907)	230185	212.512	210
	52 Benzene	78	4.247	4.247	(0.900)	480940	17.3431	17
	53 2-Methyl-2-Propenenitrile	41	4.305	4.423	(0.913)	99480	20.8074	21(M)
	54 Isobutyl alcohol	42	4.418	4.428	(0.937)	20972	249.563	250
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	203946	28.1661	28
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	209396	24.6483	25
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	153803	16.8266	17
	60 Trichloroethene	130	4.909	4.909	(1.041)	143302	18.2881	18
	61 Isopropyl Acetate	43	4.887	4.887	(1.036)	8469	32.9427	33
	62 n-Butanol	56	5.410	5.410	(1.147)	29993	174.569	170
	63 Dibromomethane	93	5.368	5.368	(1.138)	84705	20.2128	20
	64 1,2-Dichloropropane	63	5.490	5.490	(1.164)	121419	17.5981	18
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	182306	21.1628	21
	66 Methyl Methacrylate	69	5.842	5.843	(1.239)	106290	19.2696	19
	67 1,4-Dioxane	58	5.842	5.832	(1.239)	12471	245.956	240
	68 n-Propyl Acetate	43	6.392	6.323	(1.355)	2298	2.91668	3
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	199439	18.8985	19
	71 Chloroacetonitrile	48	6.835	6.835	(1.449)	49056	220.176	220
	72 2-Nitropropane	41	6.899	6.894	(1.463)	97989	54.4354	54
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.517)	202622	21.5107	22
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	120330	19.4014	19
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	647444	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	505661	17.1030	17
$	77 Toluene-d8	98	6.563	6.563	(0.776)	564027	21.7574	22
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	410840	122.811	120
	79 4-Methyl-2-Pentanone	43	7.129	7.129	(0.843)	125647	20.6365	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
80	Tetrachloroethene	164	7.075	7.075	(0.837)	117460	18.4754	18
81	Ethyl Methacrylate	69	7.433	7.433	(0.879)	134641	18.9749	19
82	Dibromochloromethane	129	7.534	7.534	(0.891)	155822	21.3393	21
83	1,3-Dichloropropane	76	7.652	7.652	(0.905)	215086	19.1863	19
84	1,2-Dibromoethane	107	7.780	7.775	(0.920)	128882	19.7550	20
85	n-Butyl Acetate	56	8.532	8.474	(1.009)	57795	17.2407	17(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	93869	22.1336	22
87	1-Chlorohexane	91	8.543	8.564	(1.010)	132552	16.0906	16(M)
88	Chlorobenzene	112	8.479	8.479	(1.003)	353715	17.7504	18
89	1,1,1,2-Tetrachloroethane	131	8.591	8.586	(1.016)	138335	20.1928	20
90	Ethylbenzene	106	8.564	8.564	(1.013)	181620	17.7722	18
91	Xylene (total)mp	106	8.767	8.767	(1.037)	437339	35.2900	35
92	Xylene (total)o	106	9.295	9.296	(1.099)	206960	17.2765	17
93	Styrene	104	9.365	9.365	(1.107)	344258	18.0710	18
94	Bromoform	173	9.343	9.344	(1.105)	108708	21.7647	22
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	369764	25.0000	
96	Isopropylbenzene	105	9.674	9.675	(0.883)	473156	16.8426	17
97	Bromobenzene	156	10.011	10.011	(0.914)	166084	17.8361	18
98	1,1,2,2-Tetrachloroethane	83	10.181	10.182	(0.929)	145157	18.4397	18
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	499568	17.6193	18
100	1,2,3-Trichloropropane	110	10.277	10.272	(0.938)	57863	21.2598	21
101	trans-1,4-Dichloro-2-Butene	53	10.341	10.342	(0.944)	96653	47.3263	47
102	n-Propylbenzene	91	10.101	10.101	(0.922)	540206	17.2755	17
103	2-Chlorotoluene	91	10.213	10.214	(0.932)	419818	18.2027	18
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	399049	18.4229	18
105	1,3,5-Trimethylbenzene	105	10.309	10.310	(0.941)	400648	17.6805	18
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	336753	17.2707	17
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	413399	18.0401	18
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	446236	17.0648	17
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	403044	17.3880	17
110	1,3-Dichlorobenzene	146	10.891	10.886	(0.994)	283597	18.0163	18
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	286768	17.3662	17
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	284696	18.0324	18
113	Benzyl Chloride	126	11.190	11.185	(1.021)	67830	18.1797	18
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	214540	16.8016	17
115	n-Butylbenzene	91	11.222	11.222	(1.024)	347057	17.7937	18
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	395221	17.3452	17
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	35982	21.8765	22
120	Nitrobenzene	77	12.332	12.332	(1.126)	145235	183.987	180
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	213069	17.8358	18
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	97438	16.7812	17
123	Naphthalene	128	12.652	12.652	(1.155)	583860	18.2934	18
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	219966	18.5819	18
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	196433	20.9099	21
M 126	1,2-Dichloroethene (total)	100				261010	35.3507	35
M 127	Xylene (total)	100				644299	52.5665	52

QC Flag Legend

M - Compound response manually integrated.

Data File: V1962.D

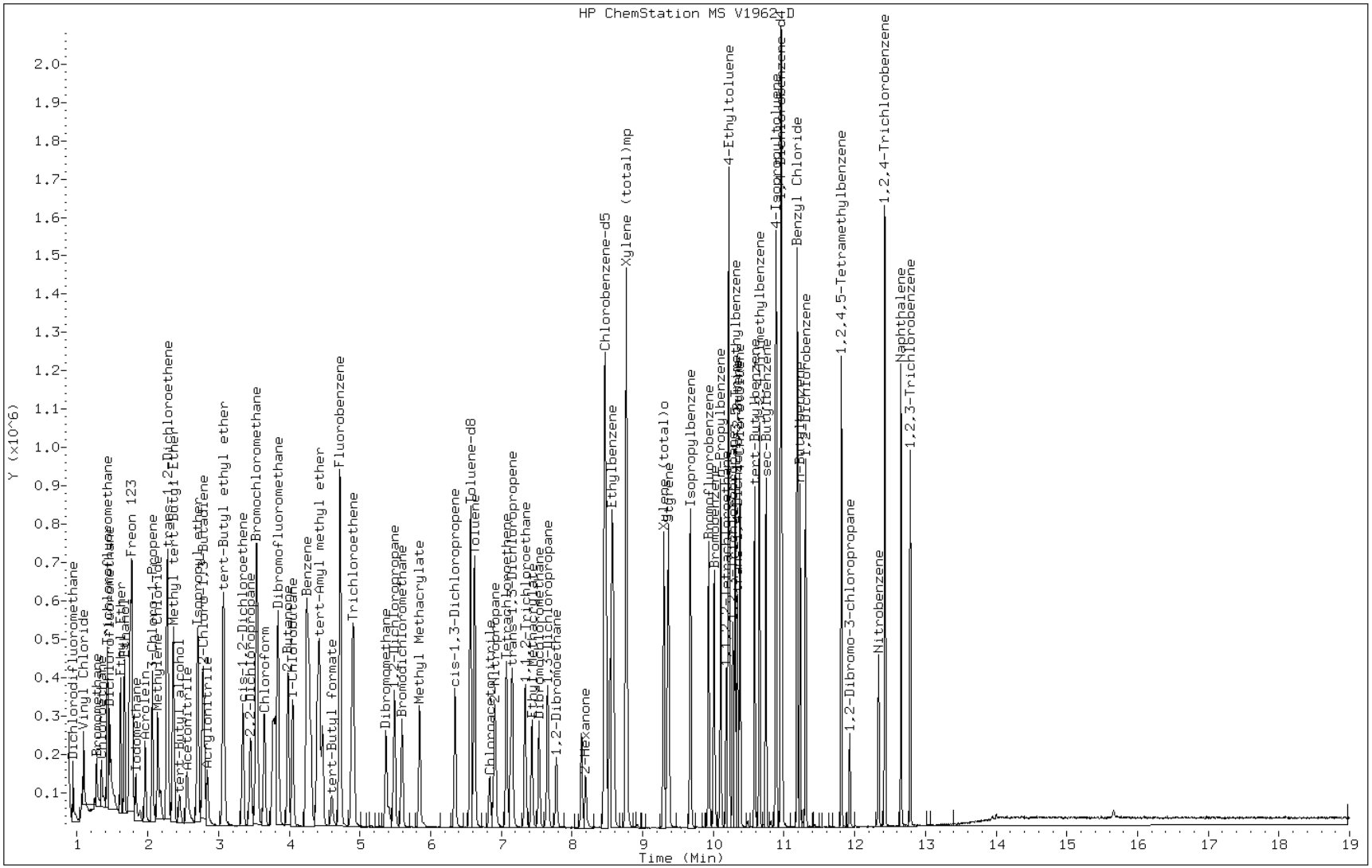
Date: 23-FEB-2009 16:47

Client ID: ms

Instrument: msv.i

Sample Info: 220-8064-b-24 ms

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: | Lab Sample ID: 220-8064-B-24 MSD

Matrix: Water | Lab File ID: V1963.D

Analysis Method: 8260B | Date Received:

Sample wt/vol: 5(mL) | Date Analyzed: 02/23/2009 17:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analy. Batch No.: 24589 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	25.9		10	1.0
71-43-2	Benzene	16.9		5.0	0.74
75-27-4	Bromodichloromethane	20.8		5.0	0.48
75-25-2	Bromoform	21.2		5.0	0.46
74-83-9	Bromomethane	31.9		5.0	2.1
78-93-3	Methyl Ethyl Ketone	20.3		10	1.1
75-15-0	Carbon disulfide	17.6		5.0	0.90
56-23-5	Carbon tetrachloride	22.6		5.0	1.1
108-90-7	Chlorobenzene	17.3		5.0	0.72
75-00-3	Chloroethane	26.2		5.0	1.1
67-66-3	Chloroform	19.8		5.0	0.67
74-87-3	Chloromethane	22.2		5.0	1.1
124-48-1	Dibromochloromethane	20.6		5.0	0.55
75-34-3	1,1-Dichloroethane	18.5		5.0	1.0
107-06-2	1,2-Dichloroethane	24.0		5.0	0.72
75-35-4	1,1-Dichloroethene	17.5		5.0	0.83
78-87-5	1,2-Dichloropropane	17.3		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	18.5		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	20.9		5.0	0.57
100-41-4	Ethylbenzene	17.0		5.0	0.87
591-78-6	2-Hexanone	20.0		10	1.1
75-09-2	Methylene Chloride	17.4		5.0	0.78
108-10-1	methyl isobutyl ketone	18.8		10	0.38
100-42-5	Styrene	17.8		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	17.4		5.0	0.81
127-18-4	Tetrachloroethene	17.6		5.0	0.81
108-88-3	Toluene	16.7		5.0	0.72
71-55-6	1,1,1-Trichloroethane	21.0		5.0	0.69
79-00-5	1,1,2-Trichloroethane	18.6		5.0	0.65
79-01-6	Trichloroethene	17.1		5.0	0.62
75-01-4	Vinyl chloride	21.3		5.0	0.99
1330-20-7	Xylenes, Total	51.0		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	17.2		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	17.1		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Client Sample ID: Lab Sample ID: 220-8064-B-24 MSD

Matrix: Water Lab File ID: V1963.D

Analysis Method: 8260B Date Received:

Sample wt/vol: 5(mL) Date Analyzed: 02/23/2009 17:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analy. Batch No.: 24589 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	97	54-137	
2037-26-5	Toluene-d8 (Surr)	87	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V1963.D
Lab Smp Id: 220-8064-b-24 msd Client Smp ID: msd
Inj Date : 23-FEB-2009 17:14 MS Autotune Date: 16-FEB-2009 13:16
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8064-b-24 msd
Misc Info : : ;;; ; 8260 ;1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V091946.b\V8260LOW.m
Meth Date : 24-Feb-2009 15:13 barbara Quant Type: ISTD
Cal Date : 17-FEB-2009 18:24 Cal File: V1799.D
Als bottle: 14 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.716	4.717	(1.000)	852337	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.199)	116512	38.2510	38
3	Chloromethane	50	1.071	1.071	(0.227)	119633	22.2001	22
4	Vinyl Chloride	62	1.093	1.093	(0.232)	125656	21.3067	21
5	Bromomethane	94	1.274	1.274	(0.270)	65288	31.8622	32
6	Chloroethane	64	1.344	1.344	(0.285)	74454	26.2294	26
7	Trichlorofluoromethane	101	1.424	1.424	(0.302)	192638	23.5903	24
8	Dichlorofluoromethane	67	1.461	1.461	(0.310)	208606	21.1023	21
9	Ethyl Ether	45	1.616	1.616	(0.343)	89208	20.4161	20
10	Ethanol	45	1.669	1.669	(0.354)	52985	200.640	200
11	Freon 141	81	1.669	1.669	(0.354)	210971	22.8818	23
12	Freon 123	67	1.776	1.776	(0.377)	26936	18.8542	19
13	Trichlorotrifluoroethane	101	1.765	1.765	(0.374)	110439	18.3373	18
14	1,1-Dichloroethene	96	1.739	1.739	(0.369)	98809	17.4542	17
15	Carbon Disulfide	76	1.755	1.755	(0.372)	321704	17.5626	18
16	Iodomethane	142	1.829	1.829	(0.388)	120466	22.7632	23
17	Acrolein	56	1.963	1.963	(0.416)	124848	114.868	110
18	2-Propanol	45	2.096	2.096	(0.444)	20593	23.8088	24
19	3-Chloro-1-Propene	41	2.064	2.064	(0.438)	185013	18.6609	19
20	Methylene Chloride	84	2.139	2.139	(0.454)	126623	17.4101	17
21	Acetone	43	2.181	2.176	(0.463)	61534	25.8734	26
22	trans-1,2-Dichloroethene	96	2.267	2.267	(0.481)	120899	17.0628	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	23 Methyl Acetate	43	2.283	2.283	(0.484)	589004	20.3325	20
	24 Methyl tert-Butyl Ether	73	2.358	2.358	(0.500)	443486	21.2826	21
	25 tert-Butyl alcohol	59	2.448	2.448	(0.519)	85101	105.035	100
	26 Acetonitrile	41	2.550	2.550	(0.541)	205396	211.813	210
	27 Isopropyl ether	45	2.704	2.705	(0.573)	425122	18.9100	19
	28 tert-Butyl ethyl ether	59	3.067	3.067	(0.650)	428457	20.5031	20
	29 2-Chloro-1,3-Butadiene	88	2.774	2.774	(0.588)	89751	16.4752	16
	30 Acrylonitrile	53	2.838	2.838	(0.602)	112230	42.6337	43
	31 1,1-Dichloroethane	63	2.795	2.795	(0.593)	221692	18.5489	18
	32 Vinyl Acetate	43	3.073	3.073	(0.652)	289555	20.4633	20
	33 cis-1,2-Dichloroethene	96	3.345	3.340	(0.709)	137480	17.2094	17
	34 2,2-Dichloropropane	77	3.452	3.452	(0.732)	154425	20.0536	20
	35 Bromochloromethane	128	3.542	3.542	(0.751)	76255	19.0936	19
	36 1-Bromopropane	43	3.526	3.526	(0.748)	185779	17.7650	18
	37 Cyclohexane	84	3.542	3.542	(0.751)	156097	16.4209	16
	38 Chloroform	83	3.644	3.644	(0.773)	234532	19.7775	20
	39 Ethyl Acetate	43	3.799	3.804	(0.805)	34466	40.4416	40
	40 Methyl Acrylate	55	3.804	3.804	(0.807)	120597	19.3723	19
$	41 Dibromofluoromethane	111	3.836	3.836	(0.813)	168768	24.2868	24
	42 Tetrahydrofuran	42	3.799	3.793	(0.805)	102257	39.5529	40
	43 Carbon Tetrachloride	117	3.767	3.767	(0.799)	175370	22.6110	23
	44 1,1,1-Trichloroethane	97	3.841	3.841	(0.814)	203362	20.9899	21
	45 2-Butanone	43	3.980	3.980	(0.844)	61053	20.3052	20
	46 1,1-Dichloropropene	75	3.980	3.980	(0.844)	158907	17.4762	17
	47 tert-Amyl methyl ether	73	4.423	4.423	(0.938)	386510	19.8486	20
	48 tert-Butyl formate	57	4.604	4.599	(0.976)	2887	4.69226	5
	49 1-Chlorobutane	56	4.049	4.049	(0.859)	246294	17.7112	18
	50 Heptane	43	4.274	4.268	(0.906)	98978	15.6467	16
	51 Propionitrile	54	4.279	4.279	(0.907)	222336	201.098	200
	52 Benzene	78	4.247	4.247	(0.900)	479653	16.9456	17
	53 2-Methyl-2-Propenenitrile	41	4.306	4.423	(0.913)	98569	20.1983	20(M)
	54 Isobutyl alcohol	42	4.418	4.428	(0.937)	21637	252.356	250
$	55 1,2-Dichloroethane-d4	65	4.396	4.396	(0.932)	207987	28.1411	28
	56 1,2-Dichloroethane	62	4.471	4.471	(0.948)	208116	24.0003	24
	59 Methyl Cyclohexane	83	4.887	4.887	(1.036)	146184	15.6683	16
	60 Trichloroethene	130	4.909	4.909	(1.041)	136882	17.1142	17
	61 Isopropyl Acetate	43	4.887	4.887	(1.036)	8498	32.3905	32
	62 n-Butanol	56	5.410	5.410	(1.147)	29867	170.306	170
	63 Dibromomethane	93	5.368	5.368	(1.138)	85765	20.0502	20
	64 1,2-Dichloropropane	63	5.490	5.490	(1.164)	121617	17.2690	17
	65 Bromodichloromethane	83	5.592	5.592	(1.186)	183085	20.8218	21
	66 Methyl Methacrylate	69	5.843	5.843	(1.239)	103465	18.3767	18
	67 1,4-Dioxane	58	5.843	5.832	(1.239)	10848	209.604	210
	70 cis-1,3-Dichloropropene	75	6.344	6.344	(1.345)	198916	18.4663	18
	71 Chloroacetonitrile	48	6.835	6.835	(1.449)	47051	206.890	210
	72 2-Nitropropane	41	6.894	6.894	(1.462)	94944	51.6730	52
	73 trans-1,3-Dichloropropene	75	7.155	7.155	(1.517)	200929	20.8980	21
	74 1,1,2-Trichloroethane	97	7.337	7.337	(1.556)	117807	18.6090	19
*	75 Chlorobenzene-d5	117	8.458	8.458	(1.000)	654078	25.0000	
	76 Toluene	91	6.622	6.622	(0.783)	497650	16.6613	17
$	77 Toluene-d8	98	6.563	6.563	(0.776)	571959	21.8396	22
	78 1,1-Dichloro-2-propanone	43	6.910	6.910	(0.817)	387548	114.674	110
	79 4-Methyl-2-Pentanone	43	7.134	7.129	(0.844)	115644	18.8010	19
	80 Tetrachloroethene	164	7.075	7.075	(0.837)	112768	17.5575	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
81	Ethyl Methacrylate	69	7.433	7.433	(0.879)	130251	18.1700	18
82	Dibromochloromethane	129	7.534	7.534	(0.891)	151848	20.5842	20
83	1,3-Dichloropropane	76	7.652	7.652	(0.905)	212483	18.7618	19
84	1,2-Dibromoethane	107	7.775	7.775	(0.919)	124649	18.9124	19
85	n-Butyl Acetate	56	8.532	8.474	(1.009)	54909	16.2137	16(M)
86	2-Hexanone	43	8.191	8.191	(0.968)	85502	19.9562	20
87	1-Chlorohexane	91	8.543	8.564	(1.010)	128820	15.4789	15(M)
88	Chlorobenzene	112	8.479	8.479	(1.003)	347766	17.2749	17
89	1,1,1,2-Tetrachloroethane	131	8.586	8.586	(1.015)	135208	19.5361	20
90	Ethylbenzene	106	8.564	8.564	(1.013)	175395	16.9890	17
91	Xylene (total)mp	106	8.767	8.767	(1.037)	428085	34.1929	34
92	Xylene (total)o	106	9.296	9.296	(1.099)	203886	16.8473	17
93	Styrene	104	9.365	9.365	(1.107)	342110	17.7761	18
94	Bromoform	173	9.344	9.344	(1.105)	106794	21.1646	21
* 95	1,4-Dichlorobenzene-d4	152	10.955	10.955	(1.000)	371896	25.0000	
96	Isopropylbenzene	105	9.674	9.675	(0.883)	463513	16.4048	16
97	Bromobenzene	156	10.011	10.011	(0.914)	162115	17.3101	17
98	1,1,2,2-Tetrachloroethane	83	10.181	10.182	(0.929)	137733	17.3963	17
99	4-Ethyltoluene	105	10.219	10.219	(0.933)	486534	17.0612	17
100	1,2,3-Trichloropropane	110	10.278	10.272	(0.938)	53620	19.5879	20
101	trans-1,4-Dichloro-2-Butene	53	10.342	10.342	(0.944)	89298	43.4743	43
102	n-Propylbenzene	91	10.101	10.101	(0.922)	525694	16.7150	17
103	2-Chlorotoluene	91	10.214	10.214	(0.932)	413160	17.8113	18
104	4-Chlorotoluene	91	10.374	10.374	(0.947)	390430	17.9217	18
105	1,3,5-Trimethylbenzene	105	10.310	10.310	(0.941)	398402	17.4806	17
106	tert-Butylbenzene	119	10.582	10.582	(0.966)	326897	16.6691	17
107	1,2,4-Trimethylbenzene	105	10.651	10.651	(0.972)	404720	17.5601	18
108	sec-Butylbenzene	105	10.742	10.742	(0.981)	432128	16.4306	16
109	4-Isopropyltoluene	119	10.881	10.881	(0.993)	394169	16.9076	17
110	1,3-Dichlorobenzene	146	10.886	10.886	(0.994)	278042	17.5621	18
111	1,4-Dichlorobenzene	146	10.966	10.966	(1.001)	287851	17.3318	17
112	1,2-Dichlorobenzene	146	11.302	11.302	(1.032)	281258	17.7125	18
113	Benzyl Chloride	126	11.185	11.185	(1.021)	63890	17.0255	17
114	1,4-Diethylbenzene	119	11.185	11.185	(1.021)	209803	16.3365	16
115	n-Butylbenzene	91	11.222	11.222	(1.024)	336139	17.1352	17
118	1,2,4,5-Tetramethylbenzene	119	11.809	11.809	(1.078)	393172	17.1563	17
119	1,2-Dibromo-3-chloropropane	75	11.927	11.927	(1.089)	33236	20.0911	20
120	Nitrobenzene	77	12.332	12.332	(1.126)	139716	176.964	180
121	1,2,4-Trichlorobenzene	180	12.428	12.428	(1.134)	214159	17.8243	18
122	Hexachlorobutadiene	225	12.423	12.423	(1.134)	97308	16.6627	17
123	Naphthalene	128	12.652	12.652	(1.155)	574420	17.8944	18
124	1,2,3-Trichlorobenzene	180	12.786	12.786	(1.167)	214178	17.9892	18
$ 125	Bromofluorobenzene	95	9.931	9.931	(0.906)	197462	20.8990	21
M 126	1,2-Dichloroethene (total)	100				258379	34.2722	34
M 127	Xylene (total)	100				631971	51.0402	51

QC Flag Legend

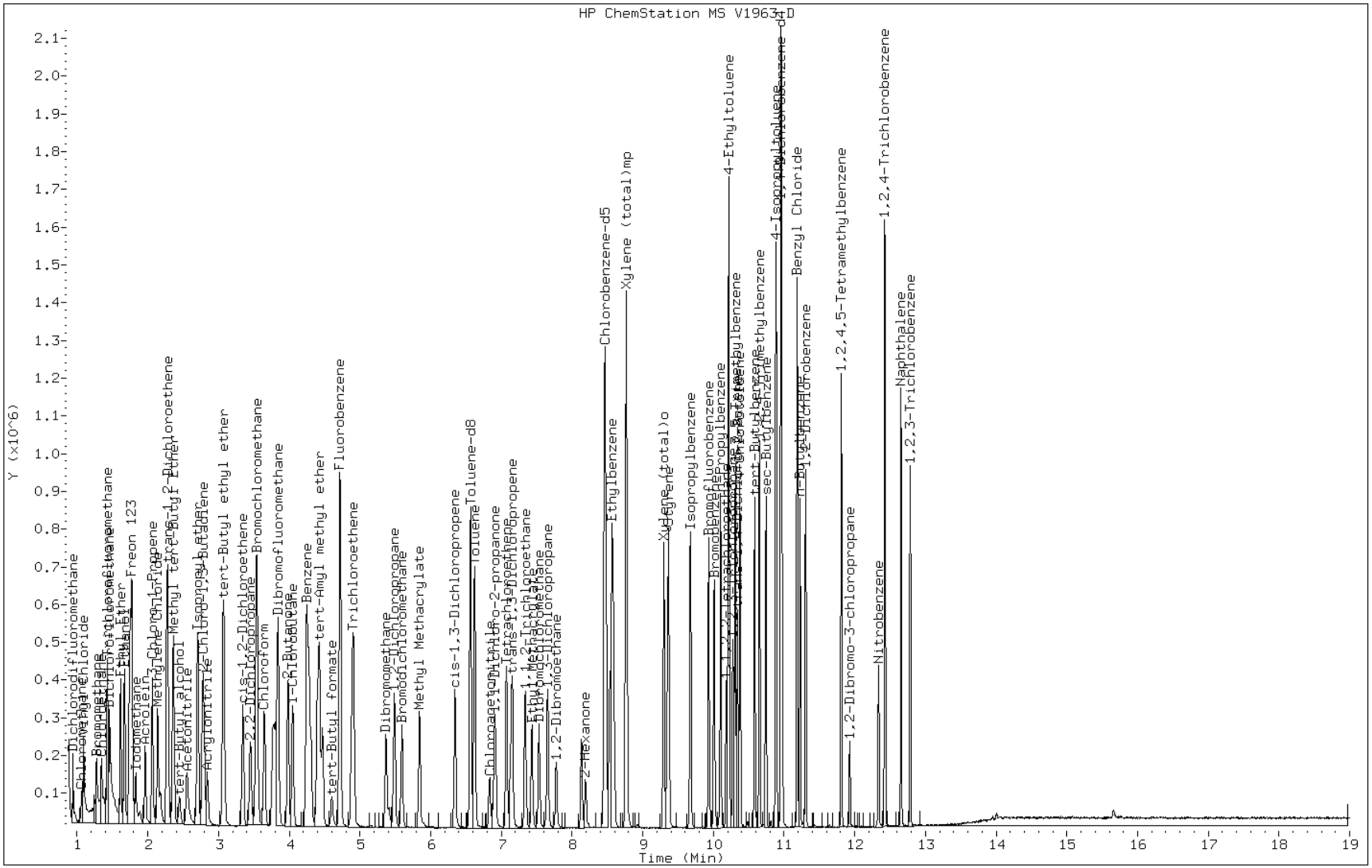
M - Compound response manually integrated.

Data File: V1963.D

Date: 23-FEB-2009 17:14

Client ID: msd Instrument: msv.i

Sample Info: 220-8064-b-24 msd Operator: B.KOSTRZEWSKA



METALS

COVER PAGE
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG No.: 220-8033

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
OW-3	220-8033-1
OW-5	220-8033-2
OW-6	220-8033-3
OW-7	220-8033-4
MW-26I	220-8033-5
MW-30I	220-8033-6
MW-31I	220-8033-7
MW-33I	220-8033-8
MW-34I	220-8033-9
MW-35I	220-8033-10

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-3 Lab Sample ID: 220-8033-1

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 09:10

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	32900	2500	620	ug/L			1	6010B
7439-96-5	Manganese	1200	150	23	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-3 Lab Sample ID: 220-8033-1

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 09:10

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	3300	2500	620	ug/L			1	6010B
7439-96-5	Manganese	260	150	23	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-5 Lab Sample ID: 220-8033-2

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 09:10

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	110	250	62	ug/L	J		1	6010B
7439-96-5	Manganese	3800	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-5 Lab Sample ID: 220-8033-2

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 09:10

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	250	62	ug/L	J		1	6010B
7439-96-5	Manganese	3600	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-6 Lab Sample ID: 220-8033-3

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 10:05

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	320	250	62	ug/L			1	6010B
7439-96-5	Manganese	1700	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-6 Lab Sample ID: 220-8033-3

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 10:05

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	1600	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-7 Lab Sample ID: 220-8033-4

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 10:03

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	610	250	62	ug/L			1	6010B
7439-96-5	Manganese	89	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-7 Lab Sample ID: 220-8033-4

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 10:03

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	3.8	15	2.3	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-26I
Lab Sample ID: 220-8033-5
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 11:40
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	4700	250	62	ug/L			1	6010B
7439-96-5	Manganese	500	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-26I
Lab Sample ID: 220-8033-5
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 11:40
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	390	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-30I
Lab Sample ID: 220-8033-6
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 12:30
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	150	250	62	ug/L	J		1	6010B
7439-96-5	Manganese	220	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-30I
Lab Sample ID: 220-8033-6
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 12:30
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	110	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-31I
Lab Sample ID: 220-8033-7
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 12:35
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	13100	250	62	ug/L			1	6010B
7439-96-5	Manganese	140	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-31I
Lab Sample ID: 220-8033-7
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 12:35
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	74	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-33I
Lab Sample ID: 220-8033-8
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 11:45
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	4800	250	62	ug/L			1	6010B
7439-96-5	Manganese	940	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-33I
Lab Sample ID: 220-8033-8
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 11:45
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	590	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-34I
Lab Sample ID: 220-8033-9
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 10:50
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	860	250	62	ug/L			1	6010B
7439-96-5	Manganese	10300	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-34I
Lab Sample ID: 220-8033-9
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 10:50
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	10100	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-35I
Lab Sample ID: 220-8033-10
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 10:50
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1400	250	62	ug/L			1	6010B
7439-96-5	Manganese	1200	15	2.3	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-35I
Lab Sample ID: 220-8033-10
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 10:50
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	250	250	62	ug/L	U		1	6010B
7439-96-5	Manganese	250	15	2.3	ug/L			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name: W021809

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00042

Analyte	ICV 220-24446/3 02/18/2009 10:10											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	9900		10000	99								
Mn	1000		1000	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name: W021809

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24446/8 02/18/2009 10:39				CCV2 220-24446/20 02/18/2009 11:48				CCV3 220-24446/32 02/18/2009 12:57			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	102	5100		5000	102	5100		5000	102
Mn	520		500	104	520		500	104	520		500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name: W021809

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV4 220-24446/44 02/18/2009 14:09				CCV5 220-24446/56 02/18/2009 15:18				CCV6 220-24446/68 02/18/2009 16:29			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5000		5000	99	4900		5000	98	5200		5000	105
Mn	510		500	102	500		500	101	540		500	108

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name: W021809

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24446/72 02/18/2009 16:52											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	102								
Mn	530		500	105								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name:

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00042

Analyte	ICV 220-24514/3 02/20/2009 13:48											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	9900		10000	99								
Mn	1000		1000	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name:

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24514/8 02/20/2009 14:03				CCV 220-24514/20 02/20/2009 14:42				CCV 220-24514/32 02/20/2009 15:22			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	4900		5000	97	4800		5000	97	4900		5000	97
Mn	490		500	97	490		500	97	490		500	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name:

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00043

Analyte	CCV 220-24514/44 02/20/2009 16:01				CCV 220-24514/52 02/20/2009 16:28							
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	4800		5000	96	4800		5000	96				
Mn	490		500	98	490		500	98				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Analysis Method: 6010B Instrument ID: ICAP2

Lab Sample ID: CRI 220-24446/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	210		102	50-150
Manganese	10.0	11	J	106	50-150

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Analysis Method: 6010B Instrument ID: ICAP3

Lab Sample ID: CRI 220-24514/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00029

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	210		102	50-150
Manganese	10.0	10	J	104	50-150

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

FORM IIB-IN

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name: W021809

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-24446/4 02/18/2009 10:16							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name: W021809

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-24446/9 02/18/2009 10:45		CCB2 220-24446/21 02/18/2009 11:54		CCB3 220-24446/33 02/18/2009 13:02		CCB4 220-24446/45 02/18/2009 14:15	
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U	200	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name: W021809

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB5 220-24446/57 02/18/2009 15:24		CCB6 220-24446/69 02/18/2009 16:35		CCB 220-24446/73 02/18/2009 16:58			
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U		
Mn	15	15	U	15	U	15	U		

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name:

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-24514/4 02/20/2009 13:51							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name:

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-24514/9 02/20/2009 14:07		CCB 220-24514/21 02/20/2009 14:46		CCB 220-24514/33 02/20/2009 15:25		CCB 220-24514/45 02/20/2009 16:04	
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U	200	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L DataFile Name:

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-24514/53 02/20/2009 16:32							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L Lab Sample ID: MB 220-24396/1-A

Instrument Code: ICAP2 Batch No.: 24446

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L Lab Sample ID: MB 220-24419/1-A

Instrument Code: ICAP2 Batch No.: 24446

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Concentration Units: ug/L Lab Sample ID: MB 220-24468/1-A

Instrument Code: ICAP3 Batch No.: 24514

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	250	U		6010B
7439-96-5	Manganese	15	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: ICSA 220-24446/6 Instrument ID: ICAP2

Lab File ID: W021809 ICS Source: micsa_00027

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**181157**	**91**
Mn		**9.81**	
Ag		*-0.132*	
Al	*500000*	*433050*	*87*
As		*-3.90*	
B		*23.4*	
Ba		*1.13*	
Be		*-0.123*	
Ca	*500000*	*448486*	*90*
Cd		*0.984*	
Co		*-3.42*	
Cr		*0.546*	
Cu		*0.584*	
K		*32.6*	
Mg	*500000*	*460313*	*92*
Mo		*-0.793*	
Na		*60.4*	
Ni		*-1.20*	
Pb		*1.43*	
Sb		*-0.388*	
Se		*-1.33*	
Si		*134*	
Sn		*2.21*	
Sr		*1.14*	
Ti		*-4.60*	
Tl		*-5.80*	
V		*1.54*	
Zn		*-13.4*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: ICSAB 220-24446/7 Instrument ID: ICAP2

Lab File ID: W021809 ICS Source: micsab_00027

Concentration Units: ug/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Fe	**200000**	**180503**	**90**
Mn	**500**	**489**	**98**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: ICSA 220-24514/6 Instrument ID: ICAP3

Lab File ID: ICS Source: micsa_00027

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**200294**	**100**
Mn		**6.54**	
Ag		*-6.69*	
Al	*500000*	*543213*	*109*
As		*32.1*	
B		*-85.5*	
Ba		*5.42*	
Be		*-0.705*	
Ca	*500000*	*518334*	*104*
Cd		*-3.68*	
Co		*2.47*	
Cr		*-3.00*	
Cu		*31.5*	
K		*20.3*	
Mg	*500000*	*473809*	*95*
Mo		*-19.6*	
Na		*27.5*	
Ni		*-3.56*	
Pb		*34.6*	
Sb		*-28.4*	
Se		*28.9*	
Sn		*13.9*	
Sr		*10.8*	
Ti		*0.240*	
Tl		*-8.14*	
V		*3.24*	
Zn		*0.781*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Lab Sample ID: ICSAB 220-24514/7 Instrument ID: ICAP3

Lab File ID: ICS Source: micsab_00028

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**199089**	**99**
Mn	**500**	**491**	**98**

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: MW-31I MS
Lab ID: 220-8033-7 MS
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG No.: 220-8033
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	14130		13100		1000	100	75-125	4	6010B
Manganese	632		140		500	98	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 220-8093-A-6-C MS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	950		250	U	1000	95	75-125		6010B
Manganese	491		15	U	500	98	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

6-IN
DUPLICATES
METALS

Client ID: MW-31I DU
Lab ID: 220-8033-7 DU
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG No.: 220-8033
% Solids for Sample:
% Solids for Duplicate:
Matrix: Water
Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	250	13100		13190		0		6010B
Manganese	15	140		141		0		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 220-8093-A-6-B DU

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	250	250	U	250	U	NC		6010B
Manganese	15	15	U	15	U	NC		6010B

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-24396/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

Sample Matrix: Water LCS Source: mlcspw_00035

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	25630		103	80	120		6010B
Manganese	200	216		108	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-24419/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

Sample Matrix: Water LCS Source: mlcspw_00035

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	26420		106	80	120		6010B
Manganese	200	224		112	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-24468/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

Sample Matrix: Water LCS Source: mlcspw_00035

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	24900		100	80	120		6010B
Manganese	200	207		104	80	120		6010B

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

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-8033-7

SDG No: 220-8033

Lab Name: TestAmerica Connecticut Job No: 220-8033-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	13100		12800		2.4		6010B
Manganese	140		150		3.3		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-8087-B-2-B SD

SDG No: 220-8033

Lab Name: TestAmerica Connecticut Job No: 220-8033-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	9000		9100		0.74		6010B
Manganese	640		650		0.42		6010B

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG Number: 220-8033

Matrix: Water Instrument ID: ICAP2

Analysis Method: 6010B MDL Date: 04/27/2008 09:18

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.44	250	62
Manganese	257.61	15	2.3

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG Number: 220-8033

Matrix: Water Instrument ID: ICAP3

Analysis Method: 6010B MDL Date: 04/27/2008 09:18

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.44	250	62
Manganese	257.61	15	2.3

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG Number: 220-8033

Matrix: Water Instrument ID: ICAP3

Analysis Method: 6010B MDL Date: 04/27/2008 09:18

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	271.44	250	62
Manganese	257.61	15	2.3

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG No.: 220-8033

ICP-AES Instrument ID: ICAP2 Date: 01/15/2009

Analyte	Wave Length	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	308.20														
Antimony	206.83										-0.00223		0.00005		
Arsenic	189.00			0.00005							-0.00223				
Barium	493.40														
Beryllium	313.00														
Boron	249.67									0.00077	0.00033		0.000096		
Cadmium	226.50	0.000008			0.000027					0			0.000126		
Calcium	317.93														
Chromium	267.70				-0.000054				-0.000122						
Cobalt	228.61		-0.000028		0.000066				-0.00061		0.00035			0.000001	
Copper	324.75		0.000021								0.00035				
Iron	271.44									0.0656	0.00331				
Lead	220.35	0.00023		0.000078						-0.000021			0.000034	0.000006	0.000009
Magnesium	279.07												0.000034		
Manganese	257.61														
Molybdenum	202.03														
Nickel	231.60		0.000029							-0.00246			0.00001		
Potassium	766.49														
Selenium	196.02				0.000042	0.000021					-0.000065		-0.00005		
Silicon	228.15										-0.0086				
Silver	328.06	-		0.000008											
Sodium	588.90														
Strontium	421.55							0.000021							
Thallium	190.80	0.000018								-0.00196	0.000931		-0.000088		
Tin	189.98												-0.00002		
Titanium	334.94	0.000001						-0.000005			0.00013		-0.000088		0.000013
Vanadium	292.40												0.000014		
Zinc	213.85										-0.001		0.000123		

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG No.: 220-8033

ICP-AES Instrument ID: ICAP2 Date: 01/15/2009

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Sn	Ti	Tl	V	Zn	Zr	
Aluminum	308.20		0.00151									0.0187			
Antimony	206.83		0.000156		-0.000041				-0.0012	-0.0032		-0.0009			
Arsenic	189.00	-0.0001	-0.0001												
Barium	493.40														
Beryllium	313.00									-0.00023		0.0001			
Boron	249.67				0.00042										
Cadmium	226.50														
Calcium	317.93									-0.000081					
Chromium	267.70	0.00034								0.00005		-0.00024			
Cobalt	228.61	-0.0023	-0.0023		0.0001					0.0029					
Copper	324.75	0.000383	0.000383									-0.0001			
Iron	271.44	0.000915	0.000915									0.00839			
Lead	220.35	0.000071	-0.00109		0.00039					0.000266					
Magnesium	279.07	-0.0064													
Manganese	257.61											-0.00009			
Molybdenum	202.03														
Nickel	231.60	-0.000044		0.000002											
Potassium	766.49														
Selenium	196.02	0.000227	0.000096		-0.00016										
Silicon	228.15		-0.00108						0.0047	0.00677					
Silver	328.06	-0.000119	-0.00012									0.00005			
Sodium	588.90											0.00005			
Strontium	421.55														
Thallium	190.80	-0.00066								0.000645		-0.00189			
Tin	189.98									-0.00118					
Titanium	334.94														
Vanadium	292.40		-0.010516							0.000165					
Zinc	213.85	0.000092	0.000346		-0.00021										

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG No.: 220-8033

ICP-AES Instrument ID: ICAP3 Date: 02/18/2009

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	396.153														
Antimony	206.836										13.4533				
Arsenic	188.979										-4.53005		-0.139579		
Barium	233.527														
Beryllium	313.107														
Boron	249.677									2.30126			-1.46542		
Cadmium	214.440												0.0754577		
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	224.700												0.739189		
Iron	238.204														
Lead	220.353		-0.0769456					-0.094635					0.0094822		
Magnesium	285.213														
Manganese	257.610														
Molybdenum	202.031														
Nickel	231.604														
Potassium	766.490														
Selenium	196.026							-0.227809		-2.70686	-1.04235		-0.867856		
Silver	328.068														
Sodium	589.592														
Strontium	421.552														
Thallium	190.801		0.02567					0.0449132		5.76633					-0.0294358
Tin	189.927							-0.0308098							
Titanium	334.940														
Vanadium	311.071												0.0289493		
Yttrium	371.029														
Zinc	206.200										-7.60252				

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG No.: 220-8033

ICP-AES Instrument ID: ICAP3 Date: 02/18/2009

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Sn	Sr	Ti	Tl	V	Y	Zn
Aluminum	396.153		32.2489												
Antimony	206.836		-11.1684								1.67566		-3.07386		
Arsenic	188.979		4.61408								-0.600477				
Barium	233.527												-2.18858		
Beryllium	313.107										-3.68537				
Boron	249.677														
Cadmium	214.440														
Calcium	317.933														
Chromium	267.716												-1.08977		
Cobalt	228.616										1.99686				
Copper	224.700		1.48042												
Iron	238.204														
Lead	220.353		-2.93098												
Magnesium	285.213														
Manganese	257.610														
Molybdenum	202.031														
Nickel	231.604														
Potassium	766.490														
Selenium	196.026		-0.606408										-0.566136		
Silver	328.068												-0.741585		
Sodium	589.592														
Strontium	421.552														
Thallium	190.801										-4.47998		2.73727		
Tin	189.927										-7.04736				
Titanium	334.940														
Vanadium	311.071		1.16675								10.9329				
Yttrium	371.029														
Zinc	206.200														

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Connecticut Job No: 220-8033-1

SDG No.: 220-8033

Instrument ID: ICAP2 Date: 01/30/2008 10:51

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Iron		250000	6010B
Manganese		10000	6010B

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Connecticut Job No: 220-8033-1

SDG No.: 220-8033

Instrument ID: ICAP3 Date: 02/18/2009 12:52

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Iron		500000	6010B
Manganese		10000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-24396/1-A	02/17/2009 14:11	24396		50	50
LCS 220-24396/2-A	02/17/2009 14:11	24396		50	50
220-8033-1	02/17/2009 14:11	24396		5	50
220-8033-2	02/17/2009 14:11	24396		50	50
220-8033-3	02/17/2009 14:11	24396		50	50
220-8033-4	02/17/2009 14:11	24396		50	50
220-8033-5	02/17/2009 14:11	24396		50	50
220-8033-6	02/17/2009 14:11	24396		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-24419/1-A	02/18/2009 11:14	24419		50	50
LCS 220-24419/2-A	02/18/2009 11:14	24419		50	50
220-8033-7	02/18/2009 11:14	24419		50	50
220-8033-7 DU	02/18/2009 11:14	24419		50	50
220-8033-7 MS	02/18/2009 11:14	24419		50	50
220-8033-8	02/18/2009 11:14	24419		50	50
220-8033-9	02/18/2009 11:14	24419		50	50
220-8033-10	02/18/2009 11:14	24419		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-24468/1-A	02/19/2009 13:45	24468		50	50
LCS 220-24468/2-A	02/19/2009 13:45	24468		50	50
220-8033-1	02/19/2009 13:45	24468		5	50
220-8033-2	02/19/2009 13:45	24468		50	50
220-8033-3	02/19/2009 13:45	24468		50	50
220-8033-4	02/19/2009 13:45	24468		50	50
220-8033-5	02/19/2009 13:45	24468		50	50
220-8033-6	02/19/2009 13:45	24468		50	50
220-8033-7	02/19/2009 13:45	24468		50	50
220-8033-8	02/19/2009 13:45	24468		50	50
220-8033-9	02/19/2009 13:45	24468		50	50
220-8033-10	02/19/2009 13:45	24468		50	50
220-8093-A-6-B DU	02/19/2009 13:45	24468		50	50
220-8093-A-6-C MS	02/19/2009 13:45	24468		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/18/2009 09:59 End Date: 02/18/2009 16:58

Lab Sample ID	D/F	Type	Time	Analytes																				
				Fe	Mn																			
STD1 220-24446/1 IC			09:59	X	X																			
STD2 220-24446/2 IC			10:05	X	X																			
ICV 220-24446/3	1		10:10	X	X																			
ICB 220-24446/4	1		10:16	X	X																			
CRI 220-24446/5	1		10:22	X	X																			
ICSA 220-24446/6	1		10:28	X	X																			
ICSAB 220-24446/7	1		10:33	X	X																			
CCV 220-24446/8	1		10:39	X	X																			
CCB 220-24446/9	1		10:45	X	X																			
MB 220-24396/1-A	1	T	10:51	X	X																			
LCS 220-24396/2-A	1	T	10:56	X	X																			
ZZZZZZ			11:02																					
ZZZZZZ			11:08																					
ZZZZZZ			11:14																					
ZZZZZZ			11:19																					
ZZZZZZ			11:25																					
ZZZZZZ			11:31																					
ZZZZZZ			11:36																					
ZZZZZZ			11:42																					
CCV2 220-24446/20	1		11:48	X	X																			
CCB2 220-24446/21	1		11:54	X	X																			
ZZZZZZ			11:59																					
ZZZZZZ			12:05																					
ZZZZZZ			12:11																					
ZZZZZZ			12:17																					
ZZZZZZ			12:22																					
ZZZZZZ			12:28																					
ZZZZZZ			12:34																					
ZZZZZZ			12:39																					
ZZZZZZ			12:45																					
220-8033-1	1	T	12:51	X	X																			
CCV3 220-24446/32	1		12:57	X	X																			
CCB3 220-24446/33	1		13:02	X	X																			
220-8033-2	1	T	13:08	X	X																			
220-8033-3	1	T	13:14	X	X																			
220-8033-4	1	T	13:20	X	X																			
220-8033-5	1	T	13:25	X	X																			
220-8033-6	1	T	13:35	X	X																			
ZZZZZZ			13:40																					
ZZZZZZ			13:46																					
ZZZZZZ			13:52																					
ZZZZZZ			13:58																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Instrument ID: ICAP2 Method: 6010B

Start Date: 02/18/2009 09:59 End Date: 02/18/2009 16:58

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe	Mn																			
ZZZZZZ			14:03																					
CCV4 220-24446/44	1		14:09	X	X																			
CCB4 220-24446/45	1		14:15	X	X																			
ZZZZZZ			14:21																					
ZZZZZZ			14:26																					
ZZZZZZ			14:32																					
ZZZZZZ			14:38																					
ZZZZZZ			14:44																					
ZZZZZZ			14:49																					
ZZZZZZ			14:55																					
ZZZZZZ			15:01																					
ZZZZZZ			15:07																					
ZZZZZZ			15:12																					
CCV5 220-24446/56	1		15:18	X	X																			
CCB5 220-24446/57	1		15:24	X	X																			
ZZZZZZ			15:30																					
ZZZZZZ			15:35																					
ZZZZZZ			15:41																					
ZZZZZZ			15:49																					
ZZZZZZ			15:55																					
ZZZZZZ			16:00																					
ZZZZZZ			16:06																					
MB 220-24419/1-A	1	T	16:12	X	X																			
LCS 220-24419/2-A	1	T	16:18	X	X																			
ZZZZZZ			16:23																					
CCV6 220-24446/68	1		16:29	X	X																			
CCB6 220-24446/69	1		16:35	X	X																			
220-8033-10	1	T	16:41	X	X																			
ZZZZZZ			16:46																					
CCV 220-24446/72	1		16:52	X	X																			
CCB 220-24446/73	1		16:58	X	X																			

Prep Types

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Instrument ID: ICAP3 Method: 6010B

Start Date: 02/20/2009 13:41 End Date: 02/20/2009 16:32

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-24514/1 IC			13:41	X	X																		
STD2 220-24514/2 IC			13:44	X	X																		
ICV 220-24514/3	1		13:48	X	X																		
ICB 220-24514/4	1		13:51	X	X																		
CRI 220-24514/5	1		13:54	X	X																		
ICSA 220-24514/6	1		13:57	X	X																		
ICSAB 220-24514/7	1		14:00	X	X																		
CCV 220-24514/8	1		14:03	X	X																		
CCB 220-24514/9	1		14:07	X	X																		
MB 220-24468/1-A	1	T	14:10	X	X																		
LCS 220-24468/2-A	1	T	14:13	X	X																		
ZZZZZZ			14:16																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
ZZZZZZ			14:26																				
ZZZZZZ			14:29																				
ZZZZZZ			14:33																				
ZZZZZZ			14:36																				
220-8033-1	1	D	14:39	X	X																		
CCV 220-24514/20	1		14:42	X	X																		
CCB 220-24514/21	1		14:46	X	X																		
220-8033-2	1	D	14:49	X	X																		
220-8033-3	1	D	14:52	X	X																		
220-8033-4	1	D	14:55	X	X																		
220-8033-5	1	D	14:59	X	X																		
220-8033-6	1	D	15:02	X	X																		
220-8033-7	1	D	15:05	X	X																		
220-8033-8	1	D	15:09	X	X																		
220-8033-9	1	D	15:12	X	X																		
220-8033-10	1	D	15:15	X	X																		
ZZZZZZ			15:19																				
CCV 220-24514/32	1		15:22	X	X																		
CCB 220-24514/33	1		15:25	X	X																		
220-8093-A-6-B DU	1	T	15:28	X	X																		
220-8093-A-6-C MS	1	T	15:32	X	X																		
ZZZZZZ			15:35																				
ZZZZZZ			15:38																				
ZZZZZZ			15:41																				
ZZZZZZ			15:45																				
220-8033-7	1	T	15:48	X	X																		
220-8033-7 DU	1	T	15:51	X	X																		
220-8033-7 MS	1	T	15:55	X	X																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Instrument ID: ICAP3 Method: 6010B

Start Date: 02/20/2009 13:41 End Date: 02/20/2009 16:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
220-8033-7 SD	5	T	15:58	X	X																		
CCV 220-24514/44	1		16:01	X	X																		
CCB 220-24514/45	1		16:04	X	X																		
220-8033-8	1	T	16:08	X	X																		
220-8033-9	1	T	16:11	X	X																		
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
220-8087-B-2-B SD	5	T	16:24	X	X																		
CCV 220-24514/52	1		16:28	X	X																		
CCB 220-24514/53	1		16:32	X	X																		

Prep Types

D = Dissolved

T = Total/NA

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 24496

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC ( )SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 2/20/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Method: STL3 Standard: STD1
Run Time: 02/18/09 09:59:16

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00500	.09137	.00000	.0897	.00053	-.00637	.01310
SDev	.00009	.00014	.00027	.0004	.00000	.00005	.00071
%RSD	1.8856	.15478	5658.1	.4206	.00000	.74042	5.3978
#1	-.00493	.09147	-.00019	.0899	.00053	-.00640	.01360
#2	-.00507	.09127	.00020	.0894	.00053	-.00633	.01260

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00413	-.00047	.00587	.04183	-.00910	.01820	.00127
SDev	.00179	.00019	.00094	.00052	.00061	.00019	.00019
%RSD	43.339	40.406	16.071	1.2395	6.7344	1.0360	14.886
#1	.00540	-.00060	.00653	.04220	-.00867	.01807	.00113
#2	.00287	-.00033	.00520	.04147	-.00953	.01833	.00140

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00123	-.00813	.10253	-.00037	.01503	-.00230	-.02947
SDev	.00005	.00009	.00085	.00033	.00099	.00014	.00547
%RSD	3.8222	1.1592	.82757	89.995	6.5850	6.1488	18.558
#1	.00120	-.00820	.10193	-.00013	.01433	-.00240	-.02560
#2	.00127	-.00807	.10313	-.00060	.01573	-.00220	-.03333

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	-.00263	-.03190	.02433	-.00040	-.00080	.3463	.00467
SDev	.00759	.00174	.00028	.00170	.00000	.0047	.00283
%RSD	288.21	5.4677	1.1624	424.26	.00000	1.348	60.609
#1	.00273	-.03067	.02453	.00080	-.00080	.3496	.00267
#2	-.00800	-.03313	.02413	-.00160	-.00080	.3430	.00667

Elem	Sr4215	Ti3349
Avge	.00407	-.01373
SDev	.00009	.00038
%RSD	2.3184	2.7460
#1	.00413	-.01347
#2	.00400	-.01400

Method: STL3 Standard: STD2
Run Time: 02/18/09 10:05:05

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.84627	5.2536	1.3950	2.575	10.534	3.8369	14.344
SDev	.00028	.0181	.0023	.012	.013	.0120	.094
%RSD	.03342	.34546	.16558	.4761	.12261	.31207	.65862
#1	.84607	5.2408	1.3934	2.566	10.525	3.8284	14.277
#2	.84647	5.2665	1.3967	2.583	10.543	3.8453	14.410

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.6445	1.5541	4.0734	4.2675	1.9007	1.4480	10.168
SDev	.0007	.0083	.0280	.0059	.0066	.0047	.023
%RSD	.00764	.53083	.68627	.13808	.34723	.32229	.22531
#1	8.6440	1.5483	4.0536	4.2633	1.8960	1.4447	10.152
#2	8.6449	1.5599	4.0931	4.2717	1.9053	1.4513	10.184

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.5547	2.2208	107.93	4.3493	2.0947	.66900	4.2591
SDev	.0040	.0040	.03	.0301	.0099	.00066	.0115
%RSD	.08694	.18042	.03166	.69259	.47260	.09865	.27006
#1	4.5519	2.2179	107.91	4.3280	2.0877	.66853	4.2510
#2	4.5575	2.2236	107.96	4.3706	2.1017	.66947	4.2673

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6735	2.4159	1.9836	1.8748	.61370	1.730	1.5696
SDev	.0260	.0107	.0084	.0089	.00410	.005	.0072
%RSD	.70835	.44099	.42539	.47271	.66827	.3052	.45650
#1	3.6551	2.4083	1.9777	1.8685	.61080	1.726	1.5645
#2	3.6919	2.4234	1.9896	1.8811	.61660	1.734	1.5747

Elem	Sr4215	Ti3349
Avge	11.853	12.723
SDev	.019	.016
%RSD	.16226	.12300
#1	11.840	12.712
#2	11.867	12.735

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	117.259	.586297	02/18/09 10:05:05
Al3082	308.215	STD2	STD1	2134.76	-195.046	02/18/09 10:05:05
As1890	189.042	STD2	STD1	715.203	-.003405	02/18/09 10:05:05
B_2496	249.678	STD2	STD1	403.460	-36.1769	02/18/09 10:05:05
Ba4934	493.409	STD2	STD1	94.9325	-.050631	02/18/09 10:05:05
Be3130	313.042	STD2	STD1	260.164	1.65638	02/18/09 10:05:05
Ca3179	317.933	STD2	STD1	3489.06	-45.7067	02/18/09 10:05:05
Cd2265	226.502	STD2	STD1	115.986	-.479408	02/18/09 10:05:05
Co2286	228.616	STD2	STD1	643.606	.300349	02/18/09 10:05:05
Cr2677	267.716	STD2	STD1	245.845	-1.44229	02/18/09 10:05:05
Cu3247	324.753	STD2	STD1	236.721	-9.90283	02/18/09 10:05:05
Fe2714	271.441	STD2	STD1	5800.82	52.7875	02/18/09 10:05:05
K_7664	766.491	STD2	STD1	34969.1	-636.438	02/18/09 10:05:05
Mg2790	279.078	STD2	STD1	4917.24	-6.22851	02/18/09 10:05:05
Mn2576	257.610	STD2	STD1	219.595	-.270834	02/18/09 10:05:05
Mo2020	202.030	STD2	STD1	448.652	3.64903	02/18/09 10:05:05
Na5889	588.995	STD2	STD1	463.694	-47.5440	02/18/09 10:05:05
Ni2316	231.604	STD2	STD1	229.402	.084114	02/18/09 10:05:05
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	477.859	-7.18381	02/18/09 10:05:05
Tl1908	190.864	STD2	STD1	1479.93	3.40385	02/18/09 10:05:05
2203/1	220.351	STD2	STD1	233.661	6.88522	02/18/09 10:05:05
2203/2	220.352	STD2	STD1	271.453	.714827	02/18/09 10:05:05
1960/1	196.021	STD2	STD1	408.566	13.0333	02/18/09 10:05:05
1960/2	196.022	STD2	STD1	507.460	-12.3482	02/18/09 10:05:05
V_2924	292.402	STD2	STD1	527.838	.211135	02/18/09 10:05:05
Zn2062	206.200	STD2	STD1	1627.51	1.30201	02/18/09 10:05:05
Si2881	288.158	STD2	STD1	723.924	-250.695	02/18/09 10:05:05
Sn1899	189.989	STD2	STD1	638.110	-2.97785	02/18/09 10:05:05
Sr4215	421.552	STD2	STD1	84.4820	-.343560	02/18/09 10:05:05
Ti3349	334.941	STD2	STD1	78.5535	1.07880	02/18/09 10:05:05

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 02/18/09 10:10:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	104.5168	9898.019	1016.564	986.7881	983.0735	967.2615	24702.21
SDev	.3595	15.200	3.397	5.0310	7.2453	5.7762	112.50
%RSD	.3439883	.1535664	.3342069	.5098374	.7370003	.5971736	.4554265
#1	104.2625	9887.271	1014.162	983.2306	977.9504	963.1771	24622.66
#2	104.7710	9908.767	1018.966	990.3455	988.1967	971.3459	24781.76

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	987.6724	992.5151	988.1320	979.4784	9949.827	48608.23	24897.48
SDev	3.5231	.9429	5.1470	4.1618	18.198	28.02	154.86
%RSD	.3567078	.0949992	.5208799	.4249001	.1829010	.0576484	.6219706
#1	985.1812	991.8484	984.4926	976.5355	9936.959	48628.04	24787.98
#2	990.1636	993.1819	991.7715	982.4212	9962.695	48588.41	25006.98

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	999.7699	1007.343	48479.56	986.8058	978.8867	978.5053	992.4739
SDev	1.6050	2.665	37.82	11.6485	7.6334	.6965	5.2507
%RSD	.1605386	.2645432	.0780048	1.180428	.7798020	.0711790	.5290508
#1	998.6350	1005.459	48506.30	978.5691	973.4891	978.9977	988.7611
#2	1000.905	1009.227	48452.82	995.0426	984.2844	978.0128	996.1867

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	993.0032	975.5331	980.5602	975.5471	984.4292	973.7026	984.1137
SDev	4.7567	3.1573	9.8683	2.8885	3.6936	4.9046	5.6058
%RSD	.4790173	.3236436	1.006398	.2960862	.3752045	.5037065	.5696335
#1	989.6398	973.3006	973.5823	977.5896	981.8174	970.2346	980.1498
#2	996.3667	977.7656	987.5382	973.5047	987.0410	977.1707	988.0776

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1063.271	1065.940	990.0048	983.0614
SDev	5.938	8.785	.2525	.9162
%RSD	.5584235	.8241529	.0255069	.0931996
#1	1059.073	1059.728	989.8262	982.4136
#2	1067.470	1072.152	990.1834	983.7093

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 02/18/09 10:16:39
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2741399	-.729365	-2.97608	3.712131	.0411374	-.077963	-.814117
SDev	.0335330	2.310159	.53689	1.178500	.0223758	.048946	.000000
%RSD	12.23208	316.7357	18.04027	31.74726	54.39284	62.78148	.0000000
#1	.2978513	.9041641	-2.59644	4.545457	.0569595	-.112573	-.814117
#2	.2504285	-2.36289	-3.35572	2.878806	.0253153	-.043353	-.814117

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2896856	.0745302	-.663611	.0218646	1.535014	.0000400	1.310656
SDev	.1798966	.5824531	.173843	.0880609	2.967632	6.593812	.463602
%RSD	62.10066	781.4998	26.19654	402.7550	193.3293	16e6	35.37174
#1	.4168917	.4863867	-.786537	.0841331	3.633447	4.662569	1.638472
#2	.1624794	-.337326	-.540685	-.040404	-.563418	-4.66249	.9828396

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.095109	5.024900	5.270651	-.664933	2.003288	-2.04236	9.247754
SDev	.000002	3.130148	1.289665	.066221	.092959	.01962	6.877676
%RSD	.0016064	62.29274	24.46879	9.958973	4.640342	.9605301	74.37131
#1	-.095110	7.238249	6.182581	-.618108	2.069021	-2.02849	14.11101
#2	-.095108	2.811551	4.358720	-.711758	1.937556	-2.05623	4.384502

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.20479	.4724109	2.766980	-4.12708	2.132231	.5453682	-.545093
SDev	2.09491	1.319016	.797889	.61654	1.293698	.0169679	.458870
%RSD	65.36800	279.2094	28.83608	14.93886	60.67345	3.111267	84.18194
#1	-1.72347	-.460274	3.331172	-4.56304	3.047014	.5333701	-.220623
#2	-4.68611	1.405096	2.202787	-3.69112	1.217448	.5573662	-.869563

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.05522	7.934592	.0197296	.6127946
SDev	.55324	5.445245	.0119476	.4739980
%RSD	52.42848	68.62666	60.55664	77.35022
#1	-.664025	11.78496	.0281778	.9479618
#2	-1.44642	4.084222	.0112814	.2776274

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 02/18/09 10:22:24
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.20975	383.1572	17.75856	31.03056	10.48055	10.16127	496.3772
SDev	.14938	.1133	.03676	.03844	.05370	.07368	5.0987
%RSD	1.463103	.0295621	.2070072	.1238755	.5123952	.7250671	1.027189
#1	10.10413	383.0771	17.73257	31.00338	10.44257	10.10918	492.7718
#2	10.31538	383.2373	17.78455	31.05774	10.51852	10.21337	499.9825

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.47324	10.66633	9.947658	9.765144	213.9732	Q339.2004	502.1181
SDev	.21995	.06223	.254796	.088907	6.5623	4.9454	5.3317
%RSD	2.100133	.5834401	2.561362	.9104516	3.066888	1.457968	1.061842
#1	10.31771	10.62233	9.767491	9.702278	218.6134	Q335.7035	498.3481
#2	10.62877	10.71034	10.12783	9.828012	209.3329	Q342.6974	505.8882

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.57807	31.64491	465.3165	9.333965	10.36083	28.68712	31.87811
SDev	.04134	.76139	1.4645	.227307	.22944	1.75091	1.28628
%RSD	.3908052	2.406036	.3147398	2.435268	2.214501	6.103483	4.035007
#1	10.54884	31.10653	464.2809	9.173235	10.52307	27.44904	32.78765
#2	10.60730	32.18329	466.3521	9.494696	10.19859	29.92521	30.96857

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.42254	8.283833	11.39692	27.21001	31.64478	10.59983	30.73782
SDev	2.29877	.307505	.19054	2.98509	.72115	.73839	.07708
%RSD	8.382765	3.712107	1.671838	10.97055	2.278876	6.966059	.2507687
#1	25.79707	8.501271	11.53166	25.09924	32.15470	11.12195	30.68332
#2	29.04802	8.066394	11.26219	29.32079	31.13485	10.07771	30.79233

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	32.46573	29.16071	10.47943	31.63528
SDev	.08306	2.61707	.02777	.07398
%RSD	.2558503	8.974653	.2649927	.2338662
#1	32.40700	31.01126	10.45979	31.58297
#2	32.52447	27.31016	10.49906	31.68760

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 02/18/09 10:28:08
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.132086	433049.7	-3.89618	23.43379	1.129697	-.122621	448485.6
SDev	.143854	2777.7	.58726	.70217	.022376	.061277	5380.8
%RSD	108.9088	.6414258	15.07264	2.996408	1.980695	49.97271	1.199780
#1	-.233806	431085.5	-3.48092	22.93728	1.113875	-.079292	444680.8
#2	-.030366	435013.8	-4.31143	23.93030	1.145519	-.165951	452290.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9835510	-3.42074	.5464986	.5844508	181157.3	32.63788	460313.2
SDev	.3334038	.48741	.1274218	.1008087	2195.8	6.59386	4126.5
%RSD	33.89797	14.24876	23.31604	17.24845	1.212089	20.20309	.8964592
#1	.7477989	-3.76539	.4563977	.6557333	179604.6	27.97531	457395.4
#2	1.219303	-3.07609	.6365994	.5131683	182710.0	37.30044	463231.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.808931	-.792618	60.41927	-1.20440	1.433015	-1.32946	-.388267
SDev	.113850	.951734	1.33338	1.00652	1.779441	.46477	2.668755
%RSD	1.160675	120.0747	2.206880	83.56971	124.1747	34.95927	687.3500
#1	9.728428	-1.46560	61.36211	-1.91612	2.691270	-1.00082	-2.27536
#2	9.889436	-.119640	59.47642	-.492688	.1747598	-1.65811	1.498827

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.79893	1.492321	1.402507	-3.04549	2.106647	1.538690	-13.4239
SDev	3.52198	2.997171	1.171490	3.19998	5.013724	.244470	1.5715
%RSD	60.73493	200.8396	83.52826	105.0727	237.9954	15.88818	11.70663
#1	-3.30852	3.611641	2.230875	-.782764	-1.43859	1.711556	-14.5351
#2	-8.28934	-.626999	.5741386	-5.30822	5.651886	1.365824	-12.3126

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	133.5588	2.213878	1.139239	-4.59781
SDev	.7957	.256792	.053259	.08525
%RSD	.5957354	11.59918	4.675003	1.854166
#1	132.9962	2.395457	1.176899	-4.65809
#2	134.1214	2.032299	1.101579	-4.53752

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 02/18/09 10:33:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	221.0759	432158.8	98.84579	12.98473	489.9656	469.4778	446063.3
SDev	1.4484	1276.0	.08979	.52695	1.6558	2.3913	4839.4
%RSD	.6551768	.2952508	.0908340	4.058242	.3379361	.5093480	1.084907
#1	220.0517	431256.5	98.78230	12.61212	488.7948	467.7870	442641.3
#2	222.1001	433061.0	98.90928	13.35734	491.1364	471.1687	449485.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	944.8146	462.2770	472.3902	545.5302	180503.3	32.63791	457593.0
SDev	2.7030	3.1548	3.6158	.6588	1212.2	3.29693	2782.3
%RSD	.2860843	.6824552	.7654284	.1207576	.6715924	10.10154	.6080317
#1	942.9033	460.0462	469.8334	545.0644	179646.1	30.30663	455625.6
#2	946.7258	464.5078	474.9469	545.9960	181360.5	34.96919	459560.4

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488.5679	-1.64506	48.53326	939.1536	49.58717	45.24711	569.0491
SDev	3.0540	.33839	.26231	.4499	.23643	4.99109	35.5871
%RSD	.6250911	20.57038	.5404661	.0479076	.4767906	11.03074	6.253792
#1	486.4084	-1.40578	48.71874	938.8354	49.75435	48.77635	543.8851
#2	490.7274	-1.88434	48.34778	939.4717	49.41999	41.71788	594.2129

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	92.39992	49.31972	49.71990	41.79298	52.16474	473.1621	935.7225
SDev	1.26765	1.92375	.60611	5.32490	4.32248	2.5176	6.1958
%RSD	1.371914	3.900574	1.219051	12.74114	8.286212	.5320799	.6621378
#1	93.29629	50.68002	49.29131	45.55826	55.22120	471.3819	931.3415
#2	91.50356	47.95942	50.14848	38.02771	49.10829	474.9423	940.1036

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	57.18482	-1.15987	1.178844	-4.55561
SDev	.42110	3.16434	.081714	.01743
%RSD	.7363824	272.8193	6.931732	.3825442
#1	56.88706	1.077660	1.236625	-4.54329
#2	57.48258	-3.39739	1.121063	-4.56793

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/18/09 10:39:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.88289	4818.191	518.2015	496.3266	498.7754	501.6170	19097.15
SDev	.58632	2.447	1.3424	.7370	1.6737	1.9863	23.03
%RSD	1.130078	.0507848	.2590495	.1484941	.3355669	.3959707	.1205758
#1	52.29748	4819.922	519.1507	496.8477	497.5919	500.2125	19080.87
#2	51.46830	4816.461	517.2523	495.8054	499.9589	503.0215	19113.43

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.9986	509.1270	512.5194	488.1776	5099.762	18779.58	18766.53
SDev	4.2714	1.4233	1.6584	1.3391	51.609	113.74	94.09
%RSD	.8408345	.2795524	.3235787	.2743007	1.011991	.6056759	.5013753
#1	511.0189	510.1334	511.3467	487.2308	5136.255	18699.15	18700.00
#2	504.9782	508.1206	513.6921	489.1245	5063.269	18860.01	18833.07

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	519.3058	504.8231	21280.50	505.1845	496.3780	489.3426	527.6481
SDev	3.1882	.5922	116.07	1.7700	.7109	.7498	20.9465
%RSD	.6139258	.1173080	.5454310	.3503607	.1432228	.1532329	3.969783
#1	521.5601	504.4043	21198.43	503.9329	496.8808	488.8123	542.4595
#2	517.0514	505.2418	21362.58	506.4360	495.8754	489.8728	512.8367

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	489.7952	495.7161	496.7078	486.4425	495.1501	501.5343	509.6775
SDev	5.7383	1.3960	.3689	.1341	1.9828	1.6494	2.2297
%RSD	1.171570	.2816217	.0742682	.0275749	.4004449	.3288804	.4374752
#1	493.8528	496.7032	496.9686	486.3477	493.7481	500.3680	508.1009
#2	485.7376	494.7289	496.4469	486.5374	496.5522	502.7006	511.2541

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	539.5720	487.1438	508.1582	499.2384
SDev	2.5720	2.9449	.3270	1.7048
%RSD	.4766784	.6045172	.0643564	.3414713
#1	537.7533	485.0615	508.3895	500.4438
#2	541.3907	489.2262	507.9270	498.0330

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/18/09 10:45:21
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0822846	-1.91844	-2.28474	1.559613	.0158221	-.156021	-.348907
SDev	.1379321	3.23296	1.76488	.646294	.0044752	.036648	.328953
%RSD	167.6281	168.5204	77.24656	41.43937	28.28429	23.48910	94.28099
#1	-.015248	.3676092	-3.53270	2.016611	.0126577	-.181935	-.581512
#2	.1798173	-4.20448	-1.03678	1.102614	.0189865	-.130107	-.116302

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3147905	-.124773	-.581828	-.584587	10.25907	5.828226	-1.14825
SDev	.2179747	.360635	.080932	.212774	3.85699	1.648488	1.15914
%RSD	69.24437	289.0330	13.90996	36.39729	37.59590	28.28455	100.9484
#1	.4689218	-.379780	-.524601	-.735041	12.98637	6.993883	-.328613
#2	.1606591	.1302343	-.639056	-.434133	7.531764	4.662569	-1.96788

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.139103	1.809562	-1.23652	-.619066	1.334093	-2.54176	8.524945
SDev	.020629	1.840020	.48089	.583033	2.443711	1.72643	5.503568
%RSD	14.83010	101.6831	38.89073	94.17950	183.1740	67.92267	64.55840
#1	-.124516	3.110652	-.896476	-.206799	3.062057	-1.32099	12.41656
#2	-.153691	.5084718	-1.57656	-1.03133	-.393872	-3.76254	4.633335

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.56273	-.638679	2.318400	-4.54870	1.477031	-.297850	-.815538
SDev	3.00115	1.873624	2.728327	1.90676	1.365377	.826754	.075997
%RSD	117.1076	293.3593	117.6815	41.91884	92.44060	277.5738	9.318592
#1	-4.68487	.6861734	4.247618	-3.20041	2.442498	-.882454	-.761800
#2	-.440596	-1.96353	.3891815	-5.89698	.5115643	.2867534	-.869276

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-7.50199	3.616408	.0112716	.2070309
SDev	.62408	5.354779	.0079720	.2702852
%RSD	8.318821	148.0690	70.72581	130.5531
#1	-7.06071	7.402808	.0169086	.3981514
#2	-7.94328	-.169993	.0056346	.0159103

Method: STL3 Sample Name: MB 220-24396/1-A Operator: NP
Run Time: 02/18/09 10:51:05
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1367949	L-16.7221	-2.10551	7.369703	-.006329	-.182090	L-38.8449
SDev	.0165267	2.2146	1.57767	.227532	.000000	.049058	.1645
%RSD	12.08137	13.24377	74.93057	3.087392	.0000000	26.94138	.4234188
#1	.1484811	L-18.2881	-3.22110	7.208814	-.006329	-.147401	L-38.9612
#2	.1251088	L-15.1561	-.989930	7.530592	-.006329	-.216779	L-38.7286

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1286256	.4733289	-.966947	.0156146	2.292376	18.65026	-1.63992
SDev	.0811225	.0618399	.115890	.1229690	4.097519	6.59386	2.31808
%RSD	63.06873	13.06490	11.98511	787.5259	178.7455	35.35532	141.3527
#1	.0712633	.4296014	-1.04889	.1025668	-.605008	13.98769	-.000797
#2	.1859879	.5170563	-.885000	-.071338	5.189760	23.31282	-3.27905

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.131762	.5383820	33.52504	-.230594	-1.01367	.7007030	1.355907
SDev	.010359	.4652922	12.04416	.530135	1.46479	1.188929	.040536
%RSD	7.861555	86.42416	35.92585	229.8993	144.5043	169.6766	2.989554
#1	-.124437	.2093708	42.04155	-.605456	-2.04943	1.541403	1.327244
#2	-.139086	.8673933	25.00854	.1442675	.0220975	-.139997	1.384570

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.48736	1.396300	-2.21754	2.206233	-2.31588	-.047168	1.680963
SDev	.14070	1.629460	1.38244	2.368819	1.17439	.069806	.690292
%RSD	3.135578	116.6984	62.34107	107.3694	50.71046	147.9937	41.06527
#1	-4.58685	.2440977	-3.19508	3.881241	-3.14630	.0021921	1.192853
#2	-4.38787	2.548502	-1.24001	.5312251	-1.48546	-.096529	2.169073

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	26.08551	3.339592	-.314584	.0860914
SDev	1.72103	3.760059	.007969	.0332948
%RSD	6.597660	112.5904	2.533034	38.67381
#1	27.30246	5.998355	-.308949	.1096344
#2	24.86855	.6808289	-.320218	.0625484

Method: STL3 Sample Name: LCS 220-24396/2-A Operator: NP
Run Time: 02/18/09 10:56:49
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	314.2650	5822.130	1029.257	1055.292	306.1794	111.3829	31317.93
SDev	3.0803	70.966	2.486	10.922	1.7587	1.4240	487.51
%RSD	.9801461	1.218898	.2415176	1.034933	.5744100	1.278473	1.556639
#1	312.0869	5771.949	1027.499	1047.570	304.9359	110.3760	30973.22
#2	316.4431	5872.310	1031.014	1063.015	307.4231	112.3898	31662.65

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	314.5636	316.1533	319.5182	305.3610	25629.85	18898.47	15168.78
SDev	2.0407	4.0094	4.3345	1.7701	281.89	136.82	150.22
%RSD	.6487265	1.268173	1.356575	.5796878	1.099839	.7239866	.9903199
#1	313.1206	313.3183	316.4532	304.1094	25430.52	18801.72	15062.56
#2	316.0066	318.9884	322.5831	306.6127	25829.17	18995.22	15275.00

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	216.0585	1079.830	30902.13	311.8597	1025.566	511.2771	1056.215
SDev	1.9464	11.611	287.73	4.8179	14.290	1.1382	6.019
%RSD	.9008869	1.075276	.9310885	1.544900	1.393373	.2226179	.5698772
#1	214.6821	1071.620	30698.68	308.4529	1015.461	512.0819	1051.958
#2	217.4348	1088.041	31105.58	315.2665	1035.670	510.4723	1060.471

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1015.573	1024.122	1026.285	507.4442	518.9532	316.4934	319.1558
SDev	7.418	5.957	18.450	1.3998	.6140	3.4264	5.3555
%RSD	.7303969	.5817044	1.797753	.2758527	.1183095	1.082602	1.678008
#1	1010.328	1019.910	1013.239	508.4340	519.3873	314.0706	315.3689
#2	1020.818	1028.335	1039.331	506.4544	518.5190	318.9162	322.9427

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1041.537	1084.970	-.795664	1071.949
SDev	9.578	2.391	.014220	7.335
%RSD	.9196323	.2203486	1.787204	.6843100
#1	1034.764	1083.279	-.785609	1066.762
#2	1048.310	1086.660	-.805719	1077.136

Method: STL3 Sample Name: LB 220-24375/1-B Operator: NP
Run Time: 02/18/09 11:02:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0160900	L-15.7232	.1347193	9.158191	.6676920	-.207981	L-27.7962
SDev	.1773442	1.4073	.1544742	.855292	.0044751	.012155	.3290
%RSD	1102.199	8.950557	114.6637	9.339098	.6702421	5.844336	1.183442
#1	.1414913	L-16.7183	.2439491	9.762974	.6708564	-.216576	L-27.5636
#2	-.109311	L-14.7280	.0254896	8.553408	.6645275	-.199386	L-28.0288

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.001247	-.205786	-.663862	.6532368	9.490653	85.09155	.8190244
SDev	.160839	.295718	.011466	.1576953	13.14494	1.64844	1.159005
%RSD	12897.93	143.7013	1.727103	24.14061	138.5040	1.937254	141.5104
#1	-.114977	-.414890	-.655755	.5417293	18.78553	83.92593	-.000516
#2	.1124831	.0033176	-.671970	.7647442	.1957805	86.25717	1.638565

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.080563	4.277147	H148617.5	-.703493	6.702927	4.299547	-.355488
SDev	.000035	3.722338	943.0	1.073657	.710408	.850628	2.413914
%RSD	.0429051	87.02853	.6345026	152.6181	10.59848	19.78412	679.0414
#1	-.080588	6.909238	H149284.3	-1.46268	6.200592	4.901032	1.351406
#2	-.080539	1.645056	H147950.7	.0556976	7.205261	3.698062	-2.06238

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.517160	6.307950	6.899369	6.223580	.4446009	-.500658	3.361244
SDev	2.090609	.599872	1.364636	.423918	3.403688	.384092	.458214
%RSD	83.05427	9.509778	19.77915	6.811488	765.5604	76.71748	13.63227
#1	1.038876	6.732123	5.934426	5.923825	2.851372	-.772252	3.685250
#2	3.995444	5.883776	7.864313	6.523336	-1.96217	-.229064	3.037238

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	90.09202	-3.36001	.0090319	.4362427
SDev	3.46904	2.94854	.0039894	.3073315
%RSD	3.850550	87.75405	44.17007	70.44967
#1	92.54500	-1.27507	.0062110	.6535589
#2	87.63904	-5.44494	.0118529	.2189265

Method: STL3 Sample Name: 220-8042-B-2-B Operator: NP
Run Time: 02/18/09 11:08:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0212974	23.40762	.7185164	52.58193	91.08141	-.051998	5300.583
SDev	.0552666	.82264	3.101753	.77961	.60415	.012156	21.217
%RSD	259.4997	3.514418	431.6885	1.482653	.6633045	23.37716	.4002833
#1	-.017782	23.98932	2.911787	53.13320	90.65421	-.060593	5285.580
#2	.0603767	22.82593	-1.47475	52.03067	91.50861	-.043402	5315.585

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.49259	5.238342	-.408564	49.90064	58.82437	496.5614	720.8363
SDev	.27946	.182673	.011683	.30159	2.45694	.0000	4.8718
%RSD	1.511192	3.487220	2.859515	.6043771	4.176736	.0000000	.6758543
#1	18.29499	5.367511	-.416825	49.68738	60.56169	496.5614	717.3914
#2	18.69020	5.109173	-.400303	50.11389	57.08705	496.5614	724.2812

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	379.2548	.3888316	H148746.1	15.00434	1.731062	1.459018	-2.02847
SDev	.6108	.3383944	311.5	.45297	.179684	.294379	.35880
%RSD	.1610638	87.02853	.2094116	3.018899	10.37999	20.17652	17.68841
#1	378.8229	.6281125	H148525.9	14.68405	1.858118	1.667175	-1.77476
#2	379.6867	.1495506	H148966.4	15.32464	1.604006	1.250860	-2.28218

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.068530	1.098783	2.045828	2.719391	-1.06661	.1615859	52.53281
SDev	1.045328	.307809	.115718	.789538	2.46561	.9669026	.07703
%RSD	97.82867	28.01365	5.656270	29.03363	231.1621	598.3830	.1466417
#1	1.807689	1.316437	2.127652	2.161103	.6768341	-.522117	52.47833
#2	.3293710	.8811288	1.964003	3.277678	-2.81006	.8452892	52.58728

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	317.5991	-3.63579	21.50201	.2231442
SDev	3.3381	1.35353	.02743	.0518373
%RSD	1.051037	37.22785	.1275688	23.23042
#1	315.2387	-4.59288	21.48261	.2597988
#2	319.9594	-2.67870	21.52140	.1864897

Method: STL3 Sample Name: 220-8051-C-49-B Operator: NP
Run Time: 02/18/09 11:14:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0791631	169.8392	.5146803	54.80328	61.44348	-.034690	6866.357
SDev	.0889810	4.2285	1.368097	.09476	.52359	.036765	91.120
%RSD	112.4022	2.489737	265.8148	.1729135	.8521523	105.9791	1.327047
#1	.0162440	166.8492	-.452710	54.73627	61.07324	-.008694	6801.926
#2	.1420822	172.8292	1.482071	54.87029	61.81371	-.060687	6930.789

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2446839	1.667873	-.120466	.5681272	264.0141	937.1722	761.7300
SDev	.0277451	.548527	.056794	.1892360	.8560	6.5938	4.1938
%RSD	11.33914	32.88784	47.14519	33.30875	.3242100	.7035871	.5505606
#1	.2250652	1.280006	-.160626	.4343171	264.6193	932.5096	758.7645
#2	.2643026	2.055741	-.080307	.7019373	263.4088	941.8347	764.6954

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	340.6208	.2093708	H149441.5	1.122836	2.888831	1.971580	-2.19449
SDev	3.3436	1.099782	180.3	.053592	.264242	1.241868	.17840
%RSD	.9816283	525.2795	.1206426	4.772937	9.147034	62.98844	8.129663
#1	338.2565	-.568292	H149314.0	1.160731	2.701984	1.093447	-2.32064
#2	342.9851	.9870340	H149569.0	1.084940	3.075679	2.849714	-2.06834

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.18966	4.143602	2.261637	4.012521	-2.11753	.8782003	5.755213
SDev	4.04364	.585880	.103735	1.289515	1.14657	.1874897	.077448
%RSD	126.7733	14.13940	4.586730	32.13728	54.14664	21.34931	1.345708
#1	-.330377	3.729322	2.188285	3.100696	-2.92828	1.010776	5.809977
#2	-6.04894	4.557882	2.334989	4.924346	-1.30678	.7456251	5.700449

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	362.9740	-5.29059	45.19731	.3737732
SDev	7.0389	1.59425	.36050	.0410456
%RSD	1.939228	30.13369	.7976061	10.98142
#1	357.9967	-4.16329	44.94240	.3447496
#2	367.9512	-6.41790	45.45222	.4027968

Method: STL3 Sample Name: 220-8042-B-1-B Operator: NP
Run Time: 02/18/09 11:19:43
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.051356	L-16.8759	-1.79314	59.69540	125.0546	-.017372	7167.696
SDev	.078266	2.6198	2.66787	1.50105	2.2779	.012263	258.063
%RSD	152.4010	15.52393	148.7817	2.514508	1.821489	70.58977	3.600356
#1	-.106698	L-15.0234	.0933257	58.63400	126.6653	-.008701	6985.218
#2	.0039871	L-18.7283	-3.67961	60.75680	123.4439	-.026044	7350.174

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2080721	.8069223	-1.00283	1.136025	309.5156	2064.343	4769.970
SDev	.0022865	.3026369	.24064	.792134	10.3691	87.368	21.276
%RSD	1.098907	37.50509	23.99605	69.72852	3.350120	4.232263	.4460342
#1	.2096889	.5929257	-1.17299	1.696148	302.1835	2126.122	4785.014
#2	.2064553	1.020919	-.832672	.5759021	316.8477	2002.564	4754.926

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	294.4253	.8524383	18282.69	.6454625	.2006137	.1536977	-.285132
SDev	7.8053	.2326460	1011.23	.4148675	.1818699	1.514274	.046645
%RSD	2.651021	27.29183	5.531080	64.27446	90.65676	985.2293	16.35895
#1	288.9062	1.016944	18997.74	.3521068	.3292152	1.224451	-.252150
#2	299.9445	.6879327	17567.65	.9388181	.0720123	-.917056	-.318115

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.67099	1.764811	-.581062	.1262746	.2075251	.5324819	7.931604
SDev	4.26448	1.175585	.859509	.4442906	3.657597	.1964546	.536303
%RSD	159.6592	66.61249	147.9203	351.8448	1762.484	36.89413	6.761593
#1	-5.68643	.9335474	.0267024	.4404355	2.793837	.3935676	7.552381
#2	.3444531	2.596075	-1.18883	-.187886	-2.37879	.6713963	8.310827

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1491.871	-3.58837	46.62999	.1094357
SDev	9.511	1.83461	.44350	.0905160
%RSD	.6375377	51.12672	.9510948	82.71165
#1	1498.597	-2.29110	46.94359	.0454311
#2	1485.146	-4.88564	46.31639	.1734402

Method: STL3 Sample Name: 220-8023-A-1-B Operator: NP
Run Time: 02/18/09 11:25:27
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.035864	L-19.6215	-1.60523	23.07951	.3006196	-.096165	1497.156
SDev	.002439	3.4815	2.90079	.03773	.0044752	.000091	13.158
%RSD	6.800071	17.74310	180.7089	.1634894	1.488650	.0944870	.8788744
#1	-.037589	L-22.0832	.4459399	23.10619	.3037840	-.096101	1487.852
#2	-.034140	L-17.1597	-3.65639	23.05283	.2974552	-.096229	1506.461

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3081691	-.079996	-3.98530	1.426655	4.276402	4942.301	4344.905
SDev	.2796756	.355832	.25613	.084394	3.830283	9.891	14.165
%RSD	90.75395	444.8108	6.426924	5.915540	89.56789	.2001267	.3260043
#1	.5059296	.1716151	-3.80419	1.486331	1.567983	4935.307	4334.890
#2	.1104086	-.331608	-4.16641	1.366979	6.984821	4949.295	4354.921

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12016.14	2251.769	53157.01	-1.48048	.0045247	-1.43814	28.52554
SDev	3.92	16.772	28.13	.74680	.3039025	1.23119	.13068
%RSD	.0326586	.7448230	.0529231	50.44319	6716.501	85.61043	.4580999
#1	12013.36	2239.909	53137.12	-.952412	.2194163	-.567550	28.43314
#2	12018.91	2263.628	53176.90	-2.00855	-.210367	-2.30872	28.61794

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.683991	-1.41368	.7118636	-.384315	-3.55004	7.457327	2.831275
SDev	4.748953	.17143	.5412133	2.371526	1.05275	.823271	.083595
%RSD	282.0058	12.12664	76.02767	617.0784	29.65459	11.03976	2.952547
#1	-1.67403	-1.53490	1.094559	1.292607	-4.29445	6.875187	2.890386
#2	5.042008	-1.29246	.3291680	-2.06124	-2.80564	8.039468	2.772165

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	70.68689	L-20.1855	26.46775	-.112081
SDev	.96940	.8723	.01565	.037108
%RSD	1.371403	4.321469	.0591348	33.10861
#1	71.37236	L-19.5687	26.45669	-.085841
#2	70.00142	L-20.8023	26.47882	-.138320

Method: STL3 Sample Name: 220-8076-E-1-A Operator: NP
Run Time: 02/18/09 11:31:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0431584	469.6419	-.654225	20.65229	87.07210	-.049670	45725.90
SDev	.1056721	4.8348	.659817	.28517	.66232	.036844	479.29
%RSD	244.8474	1.029473	100.8547	1.380797	.7606623	74.17728	1.048171
#1	.1178799	466.2231	-1.12079	20.45065	86.60376	-.023618	45386.99
#2	-.031563	473.0606	-.187664	20.85393	87.54043	-.075723	46064.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1966551	-.078747	-.263926	2.630847	750.7879	4888.682	9081.547
SDev	.5816097	.347415	.266421	.008790	1.1177	29.672	66.533
%RSD	295.7511	441.1798	100.9452	.3341185	.1488723	.6069580	.7326169
#1	-.214605	.1669126	-.452314	2.637063	749.9976	4867.700	9034.501
#2	.6079153	-.324406	-.075538	2.624632	751.5783	4909.663	9128.593

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	188.0466	12.96604	45639.90	1.151019	1.400664	-.459997	.9936219
SDev	.9006	6.15455	277.56	.469860	1.503643	.522471	1.057480
%RSD	.4789450	47.46669	.6081554	40.82117	107.3522	113.5815	106.4268
#1	187.4097	17.31796	45443.64	.8187785	.3374275	-.829439	1.741373
#2	188.6834	8.614115	45836.17	1.483260	2.463900	-.090554	.2458707

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.677126	1.471440	1.364529	-.573399	-.233851	3.062298	6.545123
SDev	.837879	2.737389	.887695	.326931	2.223826	.258754	.002211
%RSD	123.7404	186.0347	65.05504	57.01631	950.9569	8.449672	.0337787
#1	-1.26960	-.464186	.7368338	-.342224	-1.80633	2.879332	6.543560
#2	-.084656	3.407067	1.992224	-.804575	1.338631	3.245265	6.546687

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4864.377	-7.50099	473.3162	11.60399
SDev	51.254	.06005	2.7538	.11016
%RSD	1.053650	.8006077	.5818111	.9493433
#1	4828.135	-7.54346	471.3690	11.68189
#2	4900.618	-7.45853	475.2635	11.52610

Method: STL3 Sample Name: 220-8076-E-1-B DU Operator: NP
Run Time: 02/18/09 11:36:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1041143	617.8688	-.142754	20.44755	86.11960	.0472634	44693.60
SDev	.1382843	1.5012	2.396031	.26547	.03133	.0002647	477.64
%RSD	132.8197	.2429676	1678.437	1.298290	.0363768	.5600542	1.068698
#1	.0063325	618.9303	1.551496	20.25984	86.14175	.0470762	44355.86
#2	.2018960	616.8072	-1.83700	20.63527	86.09745	.0474506	45031.34

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.002519	.4185781	-.385531	2.957572	776.8613	4796.596	8900.562
SDev	.033084	.6635076	.092198	.089462	2.9702	1.648	41.499
%RSD	1313.558	158.5146	23.91444	3.024831	.3823337	.0343641	.4662517
#1	-.025912	-.050593	-.450725	2.894313	774.7610	4797.762	8871.218
#2	.0208750	.8877488	-.320338	3.020831	778.9615	4795.431	8929.906

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	183.2814	4.695889	44525.29	1.573247	2.237378	-2.07480	-.655585
SDev	1.0973	.465292	16.33	.053806	1.264109	.39072	.633195
%RSD	.5986742	9.908506	.0366752	3.420052	56.49959	18.83159	96.58474
#1	182.5055	5.024900	44513.75	1.611293	1.343517	-1.79852	-.207848
#2	184.0573	4.366878	44536.84	1.535200	3.131238	-2.35108	-1.10332

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.44647	1.180013	2.764567	-3.68951	1.158284	3.554449	6.813892
SDev	.13815	1.028019	1.381836	.15395	1.481683	.403216	.230128
%RSD	5.646860	87.11925	49.98380	4.172579	127.9205	11.34397	3.377333
#1	-2.34878	.4530944	1.787462	-3.79837	2.205993	3.839565	6.976617
#2	-2.54415	1.906933	3.741673	-3.58066	.1105764	3.269332	6.651167

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5050.944	-6.81167	460.0460	18.51433
SDev	15.987	4.81172	.0578	.97556
%RSD	.3165199	70.63938	.0125663	5.269237
#1	5039.639	-3.40927	460.0869	17.82450
#2	5062.248	L-10.2141	460.0052	19.20416

Method: STL3 Sample Name: 220-8076-E-1-C MS Operator: NP
Run Time: 02/18/09 11:42:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.13060	2690.872	40.69209	1077.625	2041.634	52.00372	53679.68
SDev	.00445	10.843	.48582	2.170	.407	.10996	.82
%RSD	.0088836	.4029461	1.193894	.2014091	.0199469	.2114557	.0015334
#1	50.13375	2683.205	41.03562	1076.090	2041.922	52.08147	53679.10
#2	50.12745	2698.539	40.34857	1079.159	2041.346	51.92596	53680.26

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.92000	495.1971	198.1842	249.5588	1768.456	15528.61	18821.99
SDev	.18554	1.5970	.0006	.9681	1.276	62.64	37.10
%RSD	.3716704	.3225000	.0003158	.3879058	.0721399	.4033958	.1971152
#1	50.05119	496.3263	198.1846	248.8743	1769.358	15484.32	18795.75
#2	49.78880	494.0678	198.1838	250.2433	1767.554	15572.91	18848.22

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	681.1172	1056.500	52894.17	496.5505	23.15047	52.00253	1153.515
SDev	1.9462	7.466	241.45	2.1673	.23867	2.14377	.217
%RSD	.2857404	.7066615	.4564867	.4364767	1.030933	4.122441	.0187747
#1	679.7410	1051.221	52723.44	498.0830	23.31923	50.48665	1153.362
#2	682.4933	1061.779	53064.91	495.0180	22.98171	53.51841	1153.668

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.33104	22.08038	23.68412	51.84860	52.30975	500.4257	499.7861
SDev	2.51335	.35888	.53699	2.96454	.49992	.7749	1.9983
%RSD	5.310144	1.625356	2.267317	5.717687	.9556962	.1548412	.3998218
#1	49.10825	21.82661	24.06383	49.75235	51.95625	499.8778	501.1991
#2	45.55384	22.33415	23.30440	53.94485	52.66325	500.9736	498.3732

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6163.266	1070.347	453.2537	1071.678
SDev	2.316	6.861	.3624	2.144
%RSD	.0375783	.6410043	.0799554	.2000138
#1	6161.628	1065.496	452.9974	1070.162
#2	6164.904	1075.199	453.5099	1073.193

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 02/18/09 11:48:21
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.40363	4774.226	514.8320	493.7084	492.6238	502.6660	19168.32
SDev	.27160	5.027	3.6416	1.0588	.2774	.1591	100.99
%RSD	.5182867	.1053036	.7073409	.2144638	.0563196	.0316605	.5268403
#1	52.21158	4770.670	512.2570	492.9597	492.8200	502.7785	19096.92
#2	52.59568	4777.780	517.4070	494.4571	492.4276	502.5534	19239.73

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.2645	505.2214	512.4119	483.2435	5083.779	18509.15	18857.18
SDev	.7106	2.0063	2.2242	.1242	29.117	24.73	54.95
%RSD	.1406397	.3971137	.4340625	.0256944	.5727511	.1335915	.2914226
#1	504.7620	503.8027	510.8392	483.3313	5063.190	18491.66	18818.32
#2	505.7669	506.6401	513.9847	483.1557	5104.368	18526.63	18896.04

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	519.7447	511.1939	20801.97	505.7965	493.7925	486.1954	494.7992
SDev	2.7950	3.4685	18.71	2.8275	.4969	4.5820	3.7993
%RSD	.5377600	.6785114	.0899468	.5590106	.1006345	.9424229	.7678504
#1	517.7684	508.7413	20788.74	503.7972	494.1439	482.9554	492.1127
#2	521.7211	513.6465	20815.20	507.7958	493.4411	489.4354	497.4857

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478.8300	491.4779	494.9473	484.0174	490.5568	500.5111	511.5219
SDev	1.5464	.1662	.6620	5.9903	1.7614	.0637	2.0712
%RSD	.3229465	.0338257	.1337572	1.237616	.3590572	.0127187	.4049162
#1	477.7365	491.5954	495.4154	479.7816	489.3114	500.5561	510.0573
#2	479.9234	491.3603	494.4792	488.2531	491.8023	500.4660	512.9865

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	528.2117	490.6716	502.3162	496.8943
SDev	3.9721	5.9580	.9139	1.2252
%RSD	.7519865	1.214257	.1819286	.2465762
#1	531.0204	486.4587	501.6700	496.0279
#2	525.4030	494.8846	502.9624	497.7606

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 02/18/09 11:54:05
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0120477	-11.8212	-.477965	1.640843	.0316442	-.034631	-1.86083
SDev	.1047804	2.5089	.915457	.797636	.0358013	.061272	1.15133
%RSD	869.7144	21.22374	191.5321	48.61137	113.1371	176.9278	61.87171
#1	-.062043	-10.0471	.1693607	2.204857	.0569595	-.077957	-1.04672
#2	.0861386	-13.5953	-1.12529	1.076829	.0063288	.0086948	-2.67495

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2076854	.2424922	-.622676	-.395682	3.655289	4.662569	-.165173
SDev	.0199259	.0951020	.069565	.190531	10.38113	.000000	.231668
%RSD	9.594266	39.21859	11.17193	48.15256	284.0030	.0000000	140.2580
#1	.2217752	.3097394	-.573486	-.530408	10.99586	4.662569	-.328987
#2	.1935957	.1752449	-.671866	-.260956	-3.68528	4.662569	-.001359

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.197616	3.080743	21.87088	-1.03825	1.921573	-2.06159	5.145536
SDev	.020722	2.157264	1.90171	.20550	1.027364	.13739	2.614743
%RSD	10.48618	70.02416	8.695183	19.79323	53.46476	6.664179	50.81577
#1	-.182963	4.606159	23.21559	-.892935	1.195117	-1.96444	6.994438
#2	-.212269	1.555326	20.52616	-1.18356	2.648029	-2.15874	3.296632

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.92206	-.146028	2.953224	-4.67164	3.165234	.2258294	-.815474
SDev	1.53136	2.061312	2.569387	.00010	.412243	.1966696	.077952
%RSD	79.67300	1411.589	87.00279	.0020642	13.02408	87.08772	9.559064
#1	-3.00490	1.311540	1.136393	-4.67157	3.456733	.3648958	-.870594
#2	-.839223	-1.60360	4.770054	-4.67170	2.873734	.0867629	-.760354

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-13.3545	1.234165	.0113034	.3484864
SDev	.7471	.963147	.0079409	.2999359
%RSD	5.594672	78.04044	70.25214	86.06818
#1	-12.8262	1.915212	.0169184	.5605732
#2	-13.8828	.5531164	.0056883	.1363997

Method: STL3 Sample Name: 220-8076-E-1-A SD@5 Operator: NP
Run Time: 02/18/09 11:59:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2704171	101.2290	-2.64894	5.431042	17.58783	-.120773	9421.397
SDev	.0221833	2.0178	2.14109	.134038	.16111	.061299	137.338
%RSD	8.203349	1.993339	80.82800	2.468000	.9160094	50.75526	1.457719
#1	.2547312	99.80218	-4.16292	5.525821	17.47391	-.077429	9324.285
#2	.2861030	102.6558	-1.13497	5.336262	17.70175	-.164118	9518.510

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2491334	.0338905	-.364378	.1181254	164.5350	778.6456	1815.694
SDev	.2919761	.2428091	.080861	.0445724	13.6902	6.5939	20.865
%RSD	117.1967	716.4511	22.19140	37.73311	8.320570	.8468379	1.149167
#1	.4555917	.2055825	-.421555	.0866080	154.8545	773.9830	1800.940
#2	.0426751	-.137801	-.307201	.1496429	174.2154	783.3082	1830.448

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.73665	1.151540	9683.605	.0826139	.5613437	-5.11563	1.501145
SDev	.50721	.021150	78.713	.5857334	1.099488	1.34418	1.330989
%RSD	1.309389	1.836632	.8128509	709.0015	195.8671	26.27583	88.66492
#1	38.37799	1.166495	9627.947	.4967899	-.216111	-6.06611	2.442296
#2	39.09530	1.136585	9739.265	-.331562	1.338799	-4.16516	.5599935

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.76948	2.068224	-.191567	-7.35971	-.621845	1.504799	.7981845
SDev	2.43837	.739837	1.279044	2.21505	.400042	.274117	.0775484
%RSD	64.68726	35.77159	667.6752	30.09693	64.33142	18.21617	9.715596
#1	-2.04529	1.545081	-1.09599	-8.92599	-.338973	1.698629	.8530195
#2	-5.49367	2.591368	.7128536	-5.79344	-.904717	1.310969	.7433496

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1004.572	-1.52414	95.90891	3.421622
SDev	9.426	1.38347	.79361	.021919
%RSD	.9383195	90.77071	.8274648	.6406093
#1	997.9063	-.545876	95.34773	3.437121
#2	1011.237	-2.50240	96.47007	3.406123

Method: STL3 Sample Name: 220-8028-A-1-B Operator: NP
Run Time: 02/18/09 12:05:33
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.137241	H106363.3	114.4352	58.05548	1020.743	5.072610	45285.00
SDev	.063629	612.3	1.3317	.13740	1.866	.049019	412.67
%RSD	46.36283	.5756782	1.163753	.2366703	.1828203	.9663495	.9112762
#1	-.092248	H105930.3	113.4936	58.15264	1022.062	5.107272	44993.19
#2	-.182233	H106796.3	115.3769	57.95833	1019.423	5.037949	45576.80

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.41208	125.0907	153.5743	344.3536	H271200.9	28410.07	40701.28
SDev	.74770	1.1779	1.0931	.3798	827.4	235.73	150.59
%RSD	52.95037	.9416581	.7117688	.1102980	.3050805	.8297423	.3699924
#1	-.883373	124.2578	152.8013	344.0851	H270615.9	28243.38	40594.79
#2	-1.94078	125.9236	154.3472	344.6222	H271786.0	28576.76	40807.76

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8828.051	2.841462	17299.99	237.4912	285.1769	7.621209	5.094674
SDev	24.120	.422993	133.93	.0318	3.4003	.055516	.310349
%RSD	.2732161	14.88646	.7741569	.0133978	1.192331	.7284430	6.091640
#1	8810.996	3.140563	17205.29	237.5137	282.7726	7.581953	5.314124
#2	8845.106	2.542360	17394.69	237.4687	287.5813	7.660465	4.875224

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.03518	287.9385	283.7974	1.089109	20.70382	144.8821	846.3072
SDev	2.36692	2.4736	6.3327	1.255755	2.68200	2.3477	4.6960
%RSD	47.00767	.8590574	2.231428	115.3011	12.95411	1.620419	.5548784
#1	-3.36151	289.6876	279.3195	1.977062	18.80737	143.2220	842.9867
#2	-6.70884	286.1895	288.2754	.2011561	22.60028	146.5422	849.6278

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	68615.81	-.112208	375.7516	211.2773
SDev	548.46	1.907225	1.2379	1.1857
%RSD	.7993131	1699.725	.3294380	.5612008
#1	68228.00	1.236404	374.8763	210.4389
#2	69003.63	-1.46082	376.6269	212.1157

Method: STL3 Sample Name: 220-8028-A-2-B Operator: NP
Run Time: 02/18/09 12:11:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.056290	7444.274	8.333981	47.68887	131.8454	.3985254	36389.87
SDev	.250378	117.024	.881790	1.25028	1.2754	.0000580	1021.73
%RSD	444.8002	1.572002	10.58065	2.621754	.9673572	.0145574	2.807719
#1	-.233334	7361.525	7.710462	46.80478	130.9436	.3984844	35667.40
#2	.1207541	7527.023	8.957501	48.57295	132.7473	.3985664	37112.34

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.442764	8.324835	10.24835	24.04345	19241.80	20030.31	11540.71
SDev	.035467	.092829	.20403	.24552	447.64	174.74	157.02
%RSD	8.010455	1.115085	1.990901	1.021168	2.326401	.8723624	1.360567
#1	-.417685	8.390474	10.10408	23.86983	18925.27	19906.75	11429.68
#2	-.467843	8.259194	10.39263	24.21706	19558.33	20153.86	11651.74

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	683.1456	1.181450	15390.39	16.02680	21.15653	-2.19075	.1242958
SDev	14.0268	.063449	152.31	.56550	.68295	.00597	2.193555
%RSD	2.053263	5.370419	.9896505	3.528474	3.228063	.2724027	1764.786
#1	673.2272	1.136585	15282.69	15.62693	21.63945	-2.19497	1.675373
#2	693.0640	1.226315	15498.09	16.42667	20.67362	-2.18653	-1.42678

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.239594	22.44229	20.51397	-4.03458	1.501442	10.84044	104.8247
SDev	7.610640	.58023	.73416	.33547	.654031	.66618	2.9653
%RSD	3176.480	2.585410	3.578825	8.314916	43.56019	6.145353	2.828782
#1	-5.62113	22.85257	21.03310	-4.27179	1.963911	10.36938	102.7279
#2	5.141941	22.03201	19.99484	-3.79736	1.038972	11.31150	106.9214

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9665.072	-5.73552	269.8937	40.71230
SDev	157.793	.79169	2.9814	.54183
%RSD	1.632613	13.80334	1.104642	1.330887
#1	9553.496	-6.29533	267.7856	40.32916
#2	9776.649	-5.17571	272.0018	41.09543

Method: STL3 Sample Name: 220-8028-A-3-B Operator: NP
Run Time: 02/18/09 12:17:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0762794	32616.05	32.41853	35.97012	337.3268	1.606488	31629.85
SDev	.1813300	262.05	.28544	.58472	2.1212	.049400	402.31
%RSD	237.7182	.8034283	.8804967	1.625565	.6288364	3.075035	1.271929
#1	.2044991	32430.76	32.21669	36.38358	335.8269	1.571557	31345.38
#2	-.051940	32801.35	32.62037	35.55667	338.8268	1.641419	31914.33

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.53072	26.65528	52.37583	80.53592	77328.77	7252.594	16749.38
SDev	.37552	1.24105	.51881	.25634	323.95	79.126	90.92
%RSD	24.53239	4.655935	.9905462	.3182984	.4189241	1.091001	.5428170
#1	-1.79626	25.77773	52.00898	80.35466	77099.70	7196.643	16685.09
#2	-1.26519	27.53284	52.74268	80.71719	77557.84	7308.544	16813.67

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1219.729	1.779652	16826.84	59.98488	54.70256	4.020886	2.512427
SDev	8.240	.824836	168.99	2.52410	.13239	1.941628	.876137
%RSD	.6755575	46.34817	1.004290	4.207887	.2420148	48.28856	34.87214
#1	1213.902	1.196405	16707.34	58.20007	54.79617	2.647947	1.892904
#2	1225.555	2.362900	16946.33	61.76968	54.60895	5.393824	3.131949

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.99095	57.65997	53.22507	1.858949	8.350149	46.94216	191.2770
SDev	10.77308	2.53120	1.06522	1.046527	3.734659	.02881	2.8914
%RSD	541.1032	4.389876	2.001348	56.29669	44.72565	.0613696	1.511610
#1	5.626772	59.44980	52.47185	1.118943	5.709347	46.92179	189.2325
#2	-9.60867	55.87014	53.97830	2.598956	10.99095	46.96253	193.3215

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	34749.54	-8.49658	273.3757	105.1444
SDev	313.10	.06842	1.8594	1.5042
%RSD	.9010247	.8052199	.6801520	1.430602
#1	34528.14	-8.54496	272.0610	104.0808
#2	34970.93	-8.44820	274.6905	106.2081

Method: STL3 Sample Name: 220-8028-A-4-B Operator: NP
Run Time: 02/18/09 12:22:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.041251	2559.500	1.434511	24.91944	67.12677	.0487704	26125.75
SDev	.099763	38.336	1.249005	1.69842	.41619	.0489325	767.12
%RSD	241.8437	1.497801	87.06838	6.815628	.6200095	100.3324	2.936244
#1	-.111794	2532.392	2.317691	23.71848	66.83248	.0141699	25583.31
#2	.0292921	2586.608	.5513306	26.12041	67.42107	.0833709	26668.18

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0867819	1.870473	3.127169	5.981258	5452.210	4238.256	8433.320
SDev	.0887897	.273359	.439583	.055634	132.604	36.266	103.633
%RSD	102.3136	14.61445	14.05689	.9301360	2.432107	.8556939	1.228847
#1	.0239981	1.677179	2.816337	6.020598	5358.445	4212.612	8360.041
#2	.1495658	2.063767	3.438001	5.941919	5545.975	4263.900	8506.600

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	115.8586	.7327979	14681.84	4.142150	4.731183	-1.11538	1.661515
SDev	2.7433	.2749456	96.53	.681436	.975644	2.15288	.254541
%RSD	2.367766	37.51997	.6574679	16.45125	20.62157	193.0168	15.31979
#1	113.9188	.9272138	14613.58	3.660303	4.041298	-2.63770	1.841502
#2	117.7983	.5383820	14750.09	4.623998	5.421067	.4069310	1.481528

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.02581	7.988037	3.104398	-1.19944	-.948016	4.115259	15.10508
SDev	2.55469	.711584	1.107477	3.87409	1.294715	.293924	.37625
%RSD	84.43009	8.908119	35.67444	322.9911	136.5710	7.142292	2.490915
#1	-4.83225	7.484871	2.321293	-3.93884	-.032514	3.907424	14.83903
#2	-1.21937	8.491202	3.887502	1.539953	-1.86352	4.323095	15.37113

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7355.041	-4.20024	203.5402	25.30991
SDev	112.122	2.52462	2.1066	.41358
%RSD	1.524429	60.10666	1.034960	1.634074
#1	7275.758	-2.41506	202.0507	25.60236
#2	7434.323	-5.98542	205.0298	25.01747

Method: STL3 Sample Name: 220-8030-D-1-A Operator: NP
Run Time: 02/18/09 12:28:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1663324	873.8793	1.078709	45.41557	163.1447	-.056456	60884.01
SDev	.2933948	4.3277	2.518822	.87273	.8055	.024571	1192.12
%RSD	176.3906	.4952292	233.5034	1.921653	.4937516	43.52179	1.958025
#1	-.041129	870.8192	2.859785	44.79846	162.5751	-.073830	60041.05
#2	.3737939	876.9394	-.702367	46.03269	163.7143	-.039082	61726.97

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.158365	.6655124	.2045258	2.837554	1255.594	14881.69	15422.85
SDev	.064390	.7890075	.0916090	.189771	20.460	24.73	114.76
%RSD	40.65909	118.5564	44.79096	6.687821	1.629487	.1661595	.7441121
#1	-.203895	.1075999	.1397484	2.971743	1241.127	14864.20	15341.70
#2	-.112834	1.223425	.2693031	2.703367	1270.062	14899.17	15504.00

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	243.7652	9.122587	89490.98	2.419090	3.229592	1.571472	1.265607
SDev	3.3436	.296095	114.86	1.041698	1.310469	1.418418	.612653
%RSD	1.371652	3.245732	.1283489	43.06155	40.57693	90.26050	48.40781
#1	241.4009	8.913217	89409.77	3.155682	4.156234	2.574445	.8323961
#2	246.1295	9.331958	89572.20	1.682499	2.302951	.5684987	1.698818

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.185264	3.358896	3.164238	1.112723	2.489247	4.192268	6.396193
SDev	1.804225	1.857896	1.037167	2.369456	.486372	.046962	.458641
%RSD	973.8665	55.31268	32.77778	212.9421	19.53894	1.120214	7.170531
#1	1.090516	4.672627	3.897626	2.788182	2.145330	4.225475	6.071885
#2	-1.46104	2.045166	2.430850	-.562735	2.833164	4.159060	6.720501

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5946.315	-6.88507	890.6150	20.29657
SDev	59.192	3.61030	5.5744	.16303
%RSD	.9954438	52.43663	.6259070	.8032497
#1	5904.460	-9.43794	886.6733	20.18129
#2	5988.170	-4.33220	894.5568	20.41185

Method: STL3 Sample Name: 220-8061-A-25-A Operator: NP
Run Time: 02/18/09 12:34:13
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2462009	L-25.9862	-1.34360	3.961333	.2310024	.0259413	L-35.3558
SDev	.1382101	3.2273	.92493	.171008	.0313261	.0736305	.4934
%RSD	56.13714	12.41931	68.84005	4.316925	13.56095	283.8345	1.395611
#1	.1484716	L-28.2682	-.689571	4.082254	.2531533	-.026123	L-35.0069
#2	.3439302	L-23.7041	-1.99763	3.840412	.2088515	.0780060	L-35.7047

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2018788	.1931862	-.680074	-.181334	67.65990	20.98154	-1.30911
SDev	.2682088	.0306141	.081253	.133920	.27888	3.29693	.92727
%RSD	132.8564	15.84693	11.94760	73.85244	.4121851	15.71348	70.83212
#1	.3915311	.2148336	-.622620	-.086639	67.46270	18.65026	-1.96479
#2	.0122265	.1715388	-.737528	-.276030	67.85710	23.31282	-.653431

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3367766	-.134596	47.76044	-.875102	-.226716	-1.59798	.7417912
SDev	.0103182	.021150	5.98929	.334900	.214626	1.62785	2.252523
%RSD	3.063799	15.71353	12.54027	38.26984	94.66730	101.8693	303.6600
#1	.3294806	-.119640	51.99550	-.638292	-.378480	-2.74904	2.334566
#2	.3440727	-.149551	43.52537	-1.11191	-.074953	-.446915	-.850983

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.107135	-1.14118	.2292323	-1.75541	-1.28365	.7190250	.4848027
SDev	2.301712	1.84887	.6011288	2.96597	1.05242	.3734696	.2299094
%RSD	207.8981	162.0132	262.2357	168.9622	81.98660	51.94112	47.42329
#1	-.520421	-2.44853	.6542946	-3.85267	-.539475	.9831079	.3222322
#2	2.734691	.1661640	-.195830	.3418531	-2.02782	.4549420	.6473733

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	35.16645	-2.93397	-.314657	-.013524
SDev	4.23343	.18053	.007955	.033367
%RSD	12.03826	6.153089	2.528051	246.7140
#1	38.15994	-3.06162	-.309032	-.037118
#2	32.17297	-2.80632	-.320282	.0100694

Method: STL3 Sample Name: 220-8015-C-6-A Operator: NP
Run Time: 02/18/09 12:39:57
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.011007	41.04925	.7571944	6.605698	305.6257	-.008343	H246145.2
SDev	.171114	4.83772	.3562130	.244959	1.3247	.000029	2117.6
%RSD	1554.656	11.78516	47.04379	3.708306	.4334256	.3485159	.8603175
#1	.1099895	44.47004	1.009075	6.432486	304.6890	-.008322	H244647.8
#2	-.132003	37.62847	.5053138	6.778911	306.5624	-.008363	H247642.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.194832	.3715926	-1.09109	-.049182	5605.883	22919.92	27759.47
SDev	.146823	.2115999	.06908	.234207	25.441	1.65	158.56
%RSD	75.35874	56.94405	6.331352	476.2084	.4538329	.0071886	.5711988
#1	-.091013	.5212163	-1.13994	-.214791	5587.894	22918.76	27647.35
#2	-.298652	.2219689	-1.04225	.1164276	5623.873	22921.09	27871.59

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	461.5516	4.785619	H207068.0	-.725035	1.445749	1.189128	-.834018
SDev	1.7391	.465292	40.9	.000962	1.460809	.398997	.724011
%RSD	.3767964	9.722722	.0197368	.1327068	101.0416	33.55377	86.81004
#1	460.3218	4.456608	H207039.1	-.724355	.4128016	.9069946	-.322065
#2	462.7813	5.114631	H207096.9	-.725715	2.478697	1.471262	-1.34597

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.451027	3.138730	.5997285	2.759288	-1.95691	.1129161	2.277136
SDev	2.659765	.749942	1.815709	1.463906	1.73402	.3528903	.154823
%RSD	589.7131	23.89316	302.7552	53.05376	88.61014	312.5243	6.799004
#1	-2.33177	2.608441	-.684172	1.724150	-.730771	-.136615	2.386612
#2	1.429711	3.669019	1.883629	3.794425	-3.18304	.3624472	2.167660

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3187.498	-4.05512	1190.544	1.481648
SDev	2.161	2.22544	.879	.027014
%RSD	.0678024	54.87972	.0738722	1.823253
#1	3185.970	-2.48150	1189.923	1.462546
#2	3189.026	-5.62874	1191.166	1.500750

Method: STL3 Sample Name: 220-8015-C-7-A Operator: NP
Run Time: 02/18/09 12:45:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1658581	119.2463	-.652074	6.463341	310.9578	-.042308	H248978.6
SDev	.1547916	.6998	2.398306	.058105	1.1233	.073647	2716.1
%RSD	93.32778	.5868365	367.7966	.8989932	.3612264	174.0717	1.090913
#1	.0564038	118.7515	1.043784	6.504427	310.1635	.0097679	H247058.0
#2	.2753123	119.7411	-2.34793	6.422255	311.7520	-.094385	H250899.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0152637	.6639150	-.822904	.2660893	5686.491	23665.93	28203.06
SDev	.3016832	.2111525	.150483	.0778238	8.734	8.24	164.12
%RSD	1976.482	31.80415	18.28683	29.24725	.1535959	.0348273	.5819249
#1	.2285859	.5146076	-.929312	.3211190	5680.315	23671.76	28087.01
#2	-.198059	.8132223	-.716497	.2110596	5692.667	23660.10	28319.11

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	468.7616	5.862384	H202216.0	-1.07858	1.264037	.4007002	-.463005
SDev	.8178	.549891	1037.9	.00297	.927640	4.086108	1.104119
%RSD	.1744614	9.379989	.5132686	.2752284	73.38706	1019.742	238.4682
#1	468.1834	6.251215	H201482.1	-1.07649	.6080970	3.290015	-1.24374
#2	469.3399	5.473552	H202949.9	-1.08068	1.919978	-2.48861	.3177255

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.87453	3.923949	-.064574	2.473311	-3.75184	.3689065	3.083675
SDev	.14359	.492347	1.636498	5.065318	2.12489	.2927094	.383802
%RSD	3.706079	12.54722	2534.292	204.7991	56.63586	79.34515	12.44625
#1	-3.97607	4.272091	-1.22175	6.055031	-2.24932	.1619297	3.355064
#2	-3.77300	3.575808	1.092605	-1.10841	-5.25437	.5758833	2.812287

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3319.876	-7.45292	1214.844	4.735359
SDev	16.073	.48130	.724	.140575
%RSD	.4841354	6.457892	.0595627	2.968622
#1	3308.512	-7.79326	1214.332	4.834760
#2	3331.242	-7.11259	1215.356	4.635957

Method: STL3 Sample Name: 220-8033-A-1-A Operator: NP
Run Time: 02/18/09 12:51:23
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1111899	1397.983	.5124435	12.70106	10.09765	.1166501	1278.857
SDev	.1382723	1.612	2.367593	.00230	.01343	.0244196	3.125
%RSD	124.3568	.1152818	462.0202	.0181316	.1329579	20.93409	.2443596
#1	.0134167	1396.843	-1.16170	12.70268	10.08816	.0993828	1276.648
#2	.2089632	1399.122	2.186584	12.69943	10.10715	.1339174	1281.067

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.113148	.7711325	3.187509	7.275492	3286.568	772.8174	581.4724
SDev	.144411	.0284166	.138912	.122610	24.339	1.6485	3.4797
%RSD	127.6308	3.685051	4.358015	1.685241	.7405727	.2133075	.5984343
#1	-.011033	.7912261	3.089284	7.188794	3269.357	773.9830	579.0118
#2	-.215262	.7510389	3.285735	7.362190	3303.778	771.6517	583.9329

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	116.5765	2.243259	H119571.1	3.373343	2.807544	-.967818	1.769976
SDev	.4244	.211496	462.0	.113394	.954307	1.553514	.853128
%RSD	.3640554	9.428087	.3863997	3.361474	33.99081	160.5172	48.20000
#1	116.2764	2.093708	H119244.4	3.453525	2.132747	.1306825	1.166723
#2	116.8766	2.392810	H119897.8	3.293162	3.482341	-2.06632	2.373229

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.60163	5.952543	1.236603	-1.59210	.2814206	11.32796	12.37224
SDev	.91444	.232556	1.546849	1.80996	1.039847	.09756	.15218
%RSD	35.14860	3.906832	125.0886	113.6839	369.4993	.8612217	1.230026
#1	-3.24824	6.116985	.1428151	-.312264	1.016704	11.39694	12.26463
#2	-1.95503	5.788101	2.330390	-2.87194	-.453862	11.25897	12.47985

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	30947.63	-6.71099	4.014201	97.34576
SDev	409.08	.72206	.012013	.51557
%RSD	1.321839	10.75938	.2992591	.5296275
#1	30658.37	-6.20042	4.022696	97.71033
#2	31236.89	-7.22157	4.005707	96.98120

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 02/18/09 12:57:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.91547	4801.594	516.9766	490.4639	491.3738	503.4985	19272.41
SDev	.12188	35.736	7.6427	1.9571	.9980	.1595	28.45
%RSD	.2303333	.7442492	1.478354	.3990397	.2030985	.0316724	.1476418
#1	53.00166	4776.325	522.3809	489.0800	490.6681	503.6113	19292.53
#2	52.82929	4826.863	511.5724	491.8478	492.0795	503.3858	19252.29

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.9586	509.9769	515.0098	483.5519	5092.148	18666.51	18919.80
SDev	.6215	2.1244	.4527	.1786	.136	125.28	3.92
%RSD	.1230755	.4165776	.0878990	.0369328	.0026715	.6711676	.0207381
#1	505.3981	508.4747	514.6897	483.4256	5092.244	18577.92	18917.02
#2	504.5192	511.4791	515.3299	483.6782	5092.051	18755.10	18922.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.1110	509.7432	20877.31	500.9725	497.0377	487.1769	487.6240
SDev	2.5259	.1481	139.98	.2056	.4436	5.3316	1.0171
%RSD	.4856522	.0290450	.6705064	.0410501	.0892494	1.094394	.2085811
#1	521.8970	509.6386	20778.32	500.8271	497.3513	490.9470	486.9048
#2	518.3248	509.8479	20976.29	501.1179	496.7240	483.4069	488.3432

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481.9999	491.8692	499.6172	485.2154	491.1049	502.1142	514.7235
SDev	.9744	3.2852	.9751	6.1433	3.7058	.5956	1.2271
%RSD	.2021639	.6679043	.1951692	1.266100	.7545872	.1186156	.2384041
#1	482.6890	494.1922	498.9277	489.5594	493.7253	502.5353	513.8558
#2	481.3109	489.5462	500.3067	480.8714	488.4845	501.6931	515.5912

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	644.1997	490.2264	503.6150	497.9999
SDev	66.8950	3.1580	1.0759	.4365
%RSD	10.38420	.6441845	.2136344	.0876470
#1	691.5015	487.9934	502.8543	498.3086
#2	596.8978	492.4594	504.3758	497.6913

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 02/18/09 13:02:52
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1682784	-7.70077	-1.78950	1.210082	.0253153	-.043363	.5815090
SDev	.0057264	1.29293	.29854	.151662	.0000000	.000002	.0000000
%RSD	3.402925	16.78961	16.68298	12.53322	.0000000	.0040093	.0000000
#1	.1723275	-6.78653	-1.57840	1.317323	.0253153	-.043361	.5815090
#2	.1642292	-8.61501	-2.00060	1.102840	.0253153	-.043364	.5815090

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1303980	.0905252	-.737321	-.789820	9.656982	32.63791	.8185567
SDev	.1206616	.2462014	.115783	.010499	4.078717	3.29693	.6958010
%RSD	92.53328	271.9700	15.70315	1.329267	42.23594	10.10154	85.00340
#1	.0450774	.2646159	-.819192	-.782396	12.54107	30.30663	1.310562
#2	.2157186	-.083565	-.655450	-.797244	6.772894	34.96919	.3265511

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.153658	2.228304	61.19209	-1.07171	2.371986	-.439080	4.174165
SDev	.062171	1.882319	2.90721	.11917	.709432	3.658855	2.552684
%RSD	40.46096	84.47316	4.750957	11.11914	29.90876	833.2999	61.15437
#1	-.109696	3.559305	63.24780	-1.15597	1.870342	2.148121	5.979186
#2	-.197619	.8973036	59.13639	-.987449	2.873630	-3.02628	2.369145

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7937574	1.969974	2.571991	-.163576	-.992818	.6566602	-.598727
SDev	5.932958	3.682933	2.902180	6.952744	2.940088	.6666357	.077762
%RSD	747.4523	186.9534	112.8379	4250.457	296.1357	101.5191	12.98797
#1	4.988992	4.574201	.5198397	4.752756	-3.07177	1.128043	-.653713
#2	-3.40148	-.634253	4.624142	-5.07991	1.086138	.1852775	-.543740

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	13.66741	1.914839	.0197003	.2670274
SDev	8.57172	5.775937	.0039825	.2887482
%RSD	62.71649	301.6408	20.21548	108.1343
#1	19.72854	5.999043	.0225163	.4712033
#2	7.606291	-2.16937	.0168842	.0628516

Method: STL3 Sample Name: 220-8033-A-2-A Operator: NP
Run Time: 02/18/09 13:08:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.017225	15.86431	-.503186	176.5746	59.16827	-.094758	67554.28
SDev	.031025	4.83554	1.406994	.3618	.12530	.024571	199.84
%RSD	180.1154	30.48060	279.6172	.2048790	.2117727	25.93016	.2958140
#1	.0047129	12.44507	.4917093	176.8304	59.07966	-.112132	67412.98
#2	-.039163	19.28355	-1.49808	176.3188	59.25687	-.077384	67695.59

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1514196	2.982591	-1.77524	.4418004	111.5709	8301.666	41555.73
SDev	.0826965	.122976	.24971	.0560212	3.5662	6.594	120.65
%RSD	54.61414	4.123141	14.06623	12.68021	3.196385	.0794287	.2903399
#1	.2098949	3.069548	-1.59867	.4021874	109.0492	8306.329	41470.41
#2	.0929443	2.895633	-1.95181	.4814134	114.0926	8297.004	41641.04

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3808.410	.2841461	36835.46	17.92443	.8624216	-.441236	2.955513
SDev	18.447	.5710405	4.39	.54110	.2761074	1.733263	1.062694
%RSD	.4843734	200.9672	.0119302	3.018789	32.01536	392.8194	35.95632
#1	3795.366	.6879327	36838.57	17.54182	.6671842	-1.66684	3.706952
#2	3821.454	-.119640	36832.35	18.30705	1.057659	.7843653	2.204076

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.41599	2.394966	.0966979	-1.02489	.7268206	.1945081	5.016262
SDev	5.01019	.267062	.5472851	1.47904	2.242477	.2300113	.074763
%RSD	146.6688	11.15099	565.9742	144.3122	308.5324	118.2528	1.490408
#1	.1267493	2.583807	-.290291	-2.07072	-.858850	.3571506	4.963396
#2	-6.95872	2.206124	.4836869	.0209503	2.312491	.0318655	5.069127

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7735.601	-8.46001	474.7249	2.846956
SDev	1.444	3.06807	.2866	.084612
%RSD	.0186702	36.26559	.0603613	2.972034
#1	7734.580	-6.29055	474.5222	2.787126
#2	7736.622	L-10.6295	474.9275	2.906786

Method: STL3 Sample Name: 220-8033-A-3-A Operator: NP
Run Time: 02/18/09 13:14:20
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.006422	94.04599	-1.23351	112.9310	55.14313	-.059082	84551.95
SDev	.116831	3.11490	2.33205	1.1415	.07160	.073625	882.91
%RSD	1819.285	3.312099	189.0573	1.010833	.1298435	124.6150	1.044217
#1	-.089034	96.24855	.4154931	112.1238	55.19376	-.007021	83927.64
#2	.0761902	91.84342	-2.88252	113.7382	55.09250	-.111143	85176.26

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1858659	1.470739	-.867928	.4257412	315.0724	7108.055	27485.93
SDev	.2293575	.665641	.396082	.1675534	.2264	26.375	112.93
%RSD	123.3995	45.25897	45.63533	39.35569	.0718662	.3710620	.4108494
#1	.3480461	1.941418	-.587856	.5442193	315.2325	7089.404	27406.08
#2	.0236856	1.000060	-1.14800	.3072630	314.9123	7126.705	27565.78

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1693.647	1.331000	32239.41	16.36360	1.929236	-2.34328	-1.56082
SDev	5.766	.486442	108.59	.66854	.439755	2.39636	.16445
%RSD	.3404413	36.54709	.3368343	4.085501	22.79426	102.2653	10.53592
#1	1689.570	.9870340	32162.62	15.89088	2.240190	-4.03776	-1.44454
#2	1697.724	1.674967	32316.19	16.83633	1.618282	-.648796	-1.67711

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.22472	1.982792	1.901948	-1.88815	-3.25601	1.275173	7.531288
SDev	3.28129	2.344687	.511212	3.77370	.36231	.293422	.307737
%RSD	101.7543	118.2518	26.87836	199.8626	11.12740	23.01039	4.086110
#1	-5.54495	3.640736	1.540466	-4.55656	-2.99982	1.482654	7.748891
#2	-.904497	.3248479	2.263430	.7802614	-3.51220	1.067692	7.313685

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6395.341	L-12.0875	599.4351	7.609568
SDev	4.625	4.0613	1.3474	.300700
%RSD	.0723213	33.59878	.2247862	3.951607
#1	6392.071	-9.21579	598.4823	7.822195
#2	6398.612	L-14.9593	600.3879	7.396941

Method: STL3 Sample Name: 220-8033-A-4-A Operator: NP
Run Time: 02/18/09 13:20:04
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0448694	370.7703	-2.10393	115.3833	34.71998	-.149781	7044.648
SDev	.0609103	1.2132	.02846	1.0262	.25956	.012321	77.139
%RSD	135.7504	.3272117	1.352927	.8893583	.7475806	8.225954	1.095004
#1	.0017992	369.9124	-2.08380	114.6577	34.53645	-.158493	6990.103
#2	.0879395	371.6281	-2.12406	116.1089	34.90352	-.141069	7099.194

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.045750	.4502668	-.144094	.5048892	614.6444	3524.886	4104.828
SDev	.100719	.6373765	.208357	.1003031	3.7925	16.485	15.766
%RSD	220.1520	141.5553	144.5975	19.86635	.6170162	.4676682	.3840825
#1	-.116969	-.000426	-.291425	.4339642	611.9628	3513.230	4093.680
#2	.0254693	.9009600	.0032362	.5758142	617.3261	3536.543	4115.977

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	89.08244	.9272137	87317.30	2.409788	2.446532	-2.23429	1.383217
SDev	.56931	.2537958	286.48	.113031	.594501	.30102	1.212806
%RSD	.6390854	27.37188	.3280945	4.690514	24.29974	13.47294	87.68008
#1	88.67988	.7477529	87114.72	2.489713	2.026156	-2.44715	2.240800
#2	89.48501	1.106674	87519.87	2.329863	2.866908	-2.02143	.5256338

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.78931	2.592355	2.372930	-3.56052	.4210553	1.949536	3.422022
SDev	1.53291	1.700901	1.740481	.46216	.0218787	.320874	.000181
%RSD	17.44064	65.61217	73.34733	12.98021	5.196170	16.45900	.0053010
#1	-7.70538	3.795073	1.142224	-3.88732	.4365258	2.176428	3.422150
#2	-9.87324	1.389637	3.603636	-3.23372	.4055846	1.722644	3.421894

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9698.871	L-10.9298	62.61657	28.31382
SDev	65.989	2.4668	.22937	.10681
%RSD	.6803833	22.56976	.3663054	.3772467
#1	9652.210	L-12.6741	62.45438	28.23829
#2	9745.533	-9.18548	62.77876	28.38934

Method: STL3 Sample Name: 220-8033-A-5-A Operator: NP
Run Time: 02/18/09 13:25:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0503594	75.19123	2.926143	94.21184	27.54625	-.059301	25637.39
SDev	.0444825	1.20281	1.137338	.02133	.21033	.073623	298.85
%RSD	88.33011	1.599672	38.86814	.0226358	.7635607	124.1518	1.165688
#1	.0189055	76.04175	2.121924	94.22692	27.39752	-.111360	25426.07
#2	.0818133	74.34071	3.730362	94.19676	27.69497	-.007241	25848.71

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1102124	.5978172	-.683200	.4654345	4735.739	4632.241	10013.85
SDev	.0179005	.0288377	.266038	.0896123	22.153	9.891	73.49
%RSD	16.24181	4.823835	38.93992	19.25348	.4677910	.2135222	.7338702
#1	.1228699	.6182086	-.871317	.5288000	4720.075	4625.248	9961.891
#2	.0975548	.5774259	-.495083	.4020690	4751.404	4639.235	10065.82

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	495.2595	.4636068	H114608.2	.9381807	1.499696	-.104833	-1.39505
SDev	1.3146	.7402378	269.7	.2968155	.604396	1.610166	1.46563
%RSD	.2654418	159.6693	.2353576	31.63735	40.30126	1535.929	105.0594
#1	494.3299	-.059820	H114417.5	.7283004	1.927069	1.033726	-.358692
#2	496.1890	.9870340	H114799.0	1.148061	1.072323	-1.24339	-2.43141

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.439828	1.811207	1.343425	-.090446	-.134751	1.222359	7.689570
SDev	1.750590	.467185	1.139454	2.156896	.515207	.316001	.075602
%RSD	398.0175	25.79411	84.81713	2384.724	382.3396	25.85170	.9831760
#1	-1.67768	1.480857	2.149141	1.434709	.2295551	1.445806	7.636111
#2	.7980269	2.141556	.5377089	-1.61560	-.499057	.9989131	7.743029

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8520.700	L-14.4251	87.80447	6.636330
SDev	58.125	1.1727	.18886	.025788
%RSD	.6821623	8.129435	.2150927	.3885853
#1	8479.600	L-13.5959	87.67092	6.618095
#2	8561.801	L-15.2543	87.93801	6.654565

Method: STL3 Sample Name: 220-8033-A-6-A Operator: NP
Run Time: 02/18/09 13:35:14
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.029396	48.02210	-2.57211	62.48058	24.21095	-.207206	32345.46
SDev	.110929	2.41157	2.54339	.74141	.10293	.061397	444.25
%RSD	377.3564	5.021789	98.88361	1.186628	.4251327	29.63084	1.373457
#1	-.107835	46.31686	-4.37056	61.95633	24.13817	-.250620	32031.33
#2	.0490423	49.72733	-.773657	63.00484	24.28373	-.163792	32659.60

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0279251	.7967457	-.482330	.4261531	147.0923	4772.118	26175.54
SDev	.2858413	.4220091	.092196	.0774597	4.9475	29.673	224.86
%RSD	1023.600	52.96660	19.11475	18.17650	3.363558	.6217908	.8590354
#1	-.174195	1.095151	-.547523	.3713808	143.5939	4751.136	26016.54
#2	.2300454	.4983402	-.417138	.4809254	150.5908	4793.100	26334.54

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	217.0987	.1345955	21288.25	2.107457	.8521588	-1.36726	-.102003
SDev	1.6356	1.586224	97.64	.383240	1.374715	1.07890	.382858
%RSD	.7533824	1178.512	.4586704	18.18496	161.3214	78.90968	375.3416
#1	215.9422	-.987034	21219.20	1.836465	-.119911	-.604361	-.372724
#2	218.2553	1.256225	21357.29	2.378449	1.824229	-2.13015	.1687190

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.62335	.6400573	.9573508	-2.89263	1.687069	.5265073	9.410731
SDev	2.92852	.2792847	1.921609	1.61819	.001305	.0663180	.306040
%RSD	111.6331	43.63432	200.7215	55.94183	.0773252	12.59583	3.252033
#1	-.552568	.4425732	-.401432	-1.74840	1.686147	.4796134	9.194328
#2	-4.69413	.8375413	2.316133	-4.03686	1.687992	.5734012	9.627134

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5941.511	L-12.6692	261.1784	4.251984
SDev	53.753	.9019	1.1336	.357888
%RSD	.9047007	7.118886	.4340485	8.416972
#1	5903.502	L-12.0314	260.3768	3.998918
#2	5979.520	L-13.3069	261.9800	4.505049

Method: STL3 Sample Name: MB 220-24415/1-A Operator: NP
Run Time: 02/18/09 13:40:59
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2267494	L-16.6495	-5.20622	-1.90984	-.028480	-.086728	L-30.2385
SDev	.1326117	2.9195	.72706	.26709	.013425	.012262	.1645
%RSD	58.48379	17.53532	13.96527	13.98475	47.14045	14.13900	.5439303
#1	.1329788	L-18.7139	-5.72034	-1.72098	-.018986	-.095398	L-30.3548
#2	.3205200	L-14.5850	-4.69211	-2.09869	-.037973	-.078057	L-30.1222

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2075542	.1302938	-1.07346	-.812805	5.022993	8.159507	-1.47644
SDev	.0096141	.0596672	.08113	.223022	6.286454	4.945417	.23180
%RSD	4.632100	45.79433	7.557745	27.43859	125.1535	60.60926	15.70003
#1	.2007560	.0881027	-1.01609	-.655105	.5777990	4.662569	-1.31253
#2	.2143524	.1724849	-1.13082	-.970506	9.468187	11.65644	-1.64035

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.197646	.4187416	18.48592	-.243292	.4944660	-1.24063	-1.07457
SDev	.000002	.4652923	1.44268	.465238	1.633342	2.52497	.71935
%RSD	.0011302	111.1168	7.804192	191.2259	330.3245	203.5222	66.94352
#1	-.197645	.7477529	19.50604	-.572265	1.649414	-3.02606	-.565909
#2	-.197648	.0897302	17.46579	.0856807	-.660482	.5447871	-1.58323

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.51395	-.272185	.8766169	-1.38909	-.944490	-.118815	.1074980
SDev	2.50944	.581863	2.739285	3.64041	.290451	.029860	.3071114
%RSD	99.82047	213.7752	312.4837	262.0725	30.75212	25.13135	285.6905
#1	-.739510	-.683624	2.813584	-3.96324	-1.14987	-.097701	.3246586
#2	-4.28839	.1392549	-1.06035	1.185074	-.739111	-.139929	-.109663

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	L-11.5493	-3.74358	-.241547	-.081021
SDev	1.8510	1.50414	.000003	.018483
%RSD	16.02655	40.17935	.0014308	22.81318
#1	L-10.2405	-4.80717	-.241544	-.067951
#2	L-12.8581	-2.67998	-.241549	-.094091

Method: STL3 Sample Name: LCS 220-24415/2-A Operator: NP
Run Time: 02/18/09 13:46:43
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	322.7609	5829.305	1041.722	1092.259	302.5404	107.2782	31330.50
SDev	2.2245	40.668	10.453	8.551	2.7522	1.4492	365.47
%RSD	.6892136	.6976469	1.003481	.7828304	.9097070	1.350885	1.166484
#1	321.1879	5800.548	1034.330	1086.213	300.5943	106.2534	31072.07
#2	324.3339	5858.061	1049.113	1098.305	304.4865	108.3029	31588.92

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	311.5702	314.4371	317.3447	301.4776	25410.88	19898.59	15440.53
SDev	2.2619	1.3814	3.3956	1.3762	242.41	123.64	116.84
%RSD	.7259570	.4393221	1.070001	.4564748	.9539475	.6213303	.7567168
#1	309.9708	313.4603	314.9437	300.5045	25239.47	19811.17	15357.91
#2	313.1696	315.4139	319.7458	302.4507	25582.28	19986.01	15523.15

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	215.1361	1102.652	30632.56	310.5382	1038.738	539.8713	1086.240
SDev	2.0707	19.944	190.08	4.4770	14.810	8.0551	8.564
%RSD	.9624850	1.808739	.6205271	1.441688	1.425724	1.492045	.7883919
#1	213.6719	1088.549	30498.15	307.3725	1028.266	534.1755	1080.185
#2	216.6002	1116.754	30766.96	313.7039	1049.210	545.5671	1092.296

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1012.677	1035.033	1040.587	538.5157	542.5857	315.2719	317.0405
SDev	11.933	8.131	18.144	7.6890	8.7885	3.1408	5.4312
%RSD	1.178391	.7855403	1.743652	1.427815	1.619746	.9962218	1.713080
#1	1004.238	1029.284	1027.757	533.0787	536.3713	313.0510	313.2001
#2	1021.115	1040.783	1053.417	543.9526	548.8001	317.4928	320.8809

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	832.8215	1113.540	-.776215	1096.973
SDev	5.3034	14.967	.007675	10.176
%RSD	.6368027	1.344090	.9887429	.9276249
#1	829.0714	1102.956	-.770788	1089.778
#2	836.5716	1124.123	-.781642	1104.168

Method: STL3 Sample Name: 220-8061-A-9-A Operator: NP
Run Time: 02/18/09 13:52:26
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1827856	2957.093	1.560312	.7744123	13.12917	.3227900	204.9242
SDev	.2823096	.595	1.051681	.6016849	.02238	.0120546	1.4803
%RSD	154.4485	.0201292	67.40193	77.69569	.1704318	3.734499	.7223592
#1	.3824086	2957.513	.8166618	1.199868	13.11334	.3142661	205.9709
#2	-.016837	2956.672	2.303963	.3489568	13.14499	.3313139	203.8775

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.296767	2.885967	63.35308	40.61999	14062.61	282.0842	543.5714
SDev	.173597	.369490	.17391	.10178	68.61	6.5938	.6943
%RSD	7.558312	12.80297	.2745167	.2505553	.4878753	2.337529	.1277272
#1	2.419519	3.147236	63.47606	40.54802	14111.12	286.7467	544.0624
#2	2.174015	2.624699	63.23010	40.69196	14014.10	277.4217	543.0805

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	187.4396	5.967069	35.16342	23.47999	5.925737	.7936386	4.613213
SDev	.1656	3.616590	1.72684	.07480	1.424537	4.703331	1.471036
%RSD	.0883535	60.60915	4.910896	.3185528	24.03983	592.6288	31.88745
#1	187.3225	8.524385	36.38448	23.53288	4.918437	-2.53212	5.653393
#2	187.5567	3.409754	33.94236	23.42710	6.933037	4.119396	3.573033

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3123748	3.990691	6.891211	1.609492	-.841720	9.681924	33.00094
SDev	5.252889	1.921183	3.094889	6.508450	1.087672	.211090	.45583
%RSD	1681.598	48.14161	44.91067	404.3792	129.2201	2.180252	1.381274
#1	4.026728	5.349172	4.702794	-2.99268	-1.61082	9.831187	33.32326
#2	-3.40198	2.632209	9.079627	6.211661	-.072620	9.532661	32.67862

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	774.6327	6.002383	6.061506	125.6782
SDev	12.8765	4.635001	.007996	1.0034
%RSD	1.662268	77.21935	.1319105	.7983580
#1	783.7378	9.279823	6.055852	126.3877
#2	765.5277	2.724942	6.067160	124.9687

Method: STL3 Sample Name: 220-8061-A-9-B DU Operator: NP
Run Time: 02/18/09 13:58:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1517249	3040.930	.1725916	-.652538	12.15452	.6123326	243.3039
SDev	.0164429	10.681	1.262862	.166343	.00447	.0489806	2.1382
%RSD	10.83728	.3512415	731.7053	25.49167	.0368174	7.999015	.8788167
#1	.1400981	3033.377	1.065570	-.534916	12.15769	.6469671	244.8158
#2	.1633518	3048.482	-.720387	-.770160	12.15136	.5776981	241.7920

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.949088	3.325441	75.76651	54.61170	33300.38	229.6305	622.1603
SDev	.001808	.091007	.42849	.06699	50.04	1.6485	.9178
%RSD	.0457724	2.736695	.5655435	.1226658	.1502651	.7178871	.1475192
#1	3.950366	3.261089	76.06950	54.65907	33335.77	228.4649	621.5113
#2	3.947810	3.389793	75.46352	54.56433	33265.00	230.7962	622.8093

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	455.5575	2.033888	27.66705	24.17331	5.115765	.1043543	.9002726
SDev	1.4597	.042299	1.57383	.05508	1.608329	2.513418	3.225638
%RSD	.3204212	2.079724	5.688467	.2278526	31.43868	2408.544	358.2957
#1	456.5896	2.063798	28.77991	24.13436	3.978504	1.881609	3.181143
#2	454.5253	2.003978	26.55418	24.21226	6.253025	-1.67290	-1.38060

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.92524	4.265022	5.539897	-1.33301	2.982106	9.036493	51.33897
SDev	.50465	3.027988	.899564	3.91070	.285209	.746226	.76530
%RSD	26.21203	70.99582	16.23792	293.3731	9.564026	8.257920	1.490687
#1	-1.56841	2.123912	4.903810	1.432272	2.780433	9.564156	51.88012
#2	-2.28208	6.406133	6.175985	-4.09830	3.183780	8.508832	50.79782

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	763.0294	1.277905	3.585377	140.0171
SDev	3.4661	3.941578	.011903	.0075
%RSD	.4542540	308.4405	.3319812	.0053325
#1	765.4804	4.065022	3.593793	140.0118
#2	760.5785	-1.50921	3.576960	140.0223

Method: STL3 Sample Name: 220-8061-A-9-C MS Operator: NP
Run Time: 02/18/09 14:03:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.60225	3917.250	15.89772	210.4635	412.0545	10.81689	2344.185
SDev	.05589	10.851	.00706	.9942	2.6359	.02500	17.928
%RSD	.5271150	.2770157	.0444286	.4723944	.6396858	.2311652	.7647784
#1	10.56273	3909.577	15.90272	211.1665	410.1907	10.79921	2331.508
#2	10.64177	3924.923	15.89273	209.7605	413.9184	10.83457	2356.861

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.77674	105.5868	105.0305	86.28262	9867.887	1824.222	2730.345
SDev	.04492	1.6992	.9846	.70185	37.614	4.945	15.312
%RSD	.1972236	1.609246	.9374055	.8134279	.3811766	.2710981	.5607983
#1	22.80851	104.3853	104.3343	85.78634	9841.290	1820.725	2719.518
#2	22.74498	106.7882	105.7266	86.77890	9894.484	1827.719	2741.172

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	250.5161	218.9421	2034.193	123.0361	11.37843	22.22665	226.4811
SDev	2.0497	3.2571	6.033	.0296	.15961	3.30021	3.4364
%RSD	.8181906	1.487633	.2965849	.0240283	1.402781	14.84797	1.517310
#1	249.0667	216.6390	2029.927	123.0570	11.26557	24.56025	224.0512
#2	251.9654	221.2452	2038.459	123.0152	11.49129	19.89305	228.9110

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.96566	10.30629	11.91295	23.17799	20.32013	109.9077	134.0709
SDev	2.77565	1.99104	1.23326	4.46822	.96068	.6554	.1560
%RSD	17.38510	19.31873	10.35228	19.27784	4.727746	.5963212	.1163533
#1	17.92834	11.71417	11.04090	26.33750	20.99943	109.4443	134.1812
#2	14.00298	8.898407	12.78500	20.01849	19.64082	110.3712	133.9606

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1023.415	214.0717	5.473081	361.3774
SDev	11.241	3.4628	.019536	2.3548
%RSD	1.098410	1.617595	.3569454	.6516079
#1	1015.466	211.6231	5.459267	359.7124
#2	1031.364	216.5203	5.486895	363.0425

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 02/18/09 14:09:39
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.67094	4702.820	501.0831	477.2661	481.8204	486.4223	18717.89
SDev	.19865	22.551	2.0925	3.8567	.6086	.3677	41.28
%RSD	.3844467	.4795306	.4176022	.8080810	.1263166	.0755991	.2205531
#1	51.81141	4686.873	502.5627	474.5390	481.3901	486.6823	18688.69
#2	51.53048	4718.766	499.6034	479.9932	482.2508	486.1623	18747.08

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491.5767	498.0986	500.9471	477.7542	4950.175	18464.85	18595.35
SDev	1.9078	.1790	.0808	3.1127	30.369	90.67	104.32
%RSD	.3880882	.0359279	.0161323	.6515209	.6134864	.4910178	.5609875
#1	490.2277	498.2252	500.8900	475.5532	4928.701	18400.74	18521.58
#2	492.9256	497.9721	501.0043	479.9552	4971.648	18528.97	18669.11

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	508.5520	502.6994	20854.77	481.2199	488.6255	480.5879	483.2573
SDev	1.0455	1.8189	72.35	3.4271	5.2306	1.7923	3.3191
%RSD	.2055775	.3618242	.3469363	.7121600	1.070464	.3729306	.6868218
#1	507.8127	501.4133	20803.61	478.7966	484.9269	481.8552	480.9103
#2	509.2913	503.9856	20905.93	483.6432	492.3240	479.3206	485.6042

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	473.8322	484.2452	490.8116	478.0515	485.6671	491.5571	495.4600
SDev	1.1245	.4453	8.0641	2.5991	.1760	.6781	.5349
%RSD	.2373231	.0919637	1.643013	.5436918	.0362299	.1379547	.1079613
#1	473.0371	484.5602	485.1094	479.8894	485.7915	492.0366	495.0818
#2	474.6273	483.9304	496.5138	476.2136	485.5427	491.0776	495.8382

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	516.3536	480.1742	496.6062	489.7068
SDev	2.9418	5.5061	.8155	.5876
%RSD	.5697266	1.146684	.1642231	.1199816
#1	514.2735	476.2808	496.0295	489.2914
#2	518.4338	484.0676	497.1829	490.1223

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 02/18/09 14:15:24
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1292150	.9262645	-1.45386	.6861418	.0189865	-.260075	-.814115
SDev	.1158759	2.226714	2.29957	.9702756	.0179006	.012263	.657903
%RSD	89.67678	240.3972	158.1696	141.4104	94.28090	4.715327	80.81211
#1	.0472784	-.648260	.1721783	1.372230	.0063288	-.268746	-1.27932
#2	.2111516	2.500789	-3.07990	.0000533	.0316442	-.251403	-.348907

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2804864	-.060112	-.663771	-1.07389	6.000373	20.98154	.3269259
SDev	.1696719	.451051	.196918	.01038	1.664750	3.29693	.9269392
%RSD	60.49203	750.3555	29.66647	.9670078	27.74411	15.71348	283.5319
#1	.1605102	-.379053	-.803013	-1.06655	7.177529	18.65026	.9823709
#2	.4004625	.2588295	-.524530	-1.08124	4.823217	23.31282	-.328519

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.139099	2.003978	21.25262	-1.35250	3.090230	-.236308	7.091547
SDev	.041363	2.030366	.28416	.08788	1.313560	2.783237	2.975881
%RSD	29.73630	101.3168	1.337072	6.497925	42.50687	1177.799	41.96378
#1	-.168346	3.439664	21.05169	-1.41464	4.019057	1.731738	9.195812
#2	-.109851	.5682923	21.45355	-1.29036	2.161403	-2.20435	4.987281

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.28101	1.859987	3.703730	-1.04887	1.390256	-.225382	-.544461
SDev	3.55747	.008056	1.973377	3.31255	1.723017	.518941	.305957
%RSD	277.7086	.4331140	53.28081	315.8208	123.9352	230.2499	56.19437
#1	-3.79652	1.854291	5.099118	1.293457	2.608613	.1415650	-.328117
#2	1.234504	1.865684	2.308341	-3.39120	.1718994	-.592328	-.760805

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-13.4636	3.658959	.0197296	.2882547
SDev	1.8321	2.045799	.0039963	.2295813
%RSD	13.60815	55.91205	20.25547	79.64529
#1	-12.1680	5.105558	.0225554	.4505932
#2	-14.7591	2.212361	.0169037	.1259162

Method: STL3 Sample Name: 220-8061-A-9-A SD@5 Operator: NP
Run Time: 02/18/09 14:21:09
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.046613	560.1908	-1.92933	-.604657	2.541027	-.081347	46.75343
SDev	.182360	1.6108	.19562	.130822	.004475	.036789	.16448
%RSD	391.2226	.2875449	10.13904	21.63573	.1761159	45.22504	.3518015
#1	-.175561	561.3298	-2.06765	-.697162	2.537862	-.055333	46.63712
#2	.0823350	559.0518	-1.79101	-.512152	2.544191	-.107361	46.86973

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6092271	.6533114	12.23016	7.054713	2743.294	62.94446	102.3490
SDev	.1918786	.1225941	.27814	.145267	25.985	3.29693	1.6233
%RSD	31.49542	18.76503	2.274249	2.059144	.9472176	5.237840	1.586017
#1	.4735484	.7399985	12.03348	6.951994	2724.920	60.61318	101.2012
#2	.7449058	.5666243	12.42683	7.157433	2761.669	65.27574	103.4968

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.60665	-.418742	17.83675	3.910221	1.594797	-2.49633	2.930055
SDev	.10353	.507592	1.83614	.400539	.106683	1.04373	.607884
%RSD	.2828070	121.2182	10.29411	10.24338	6.689463	41.81065	20.74652
#1	36.53344	-.059820	19.13509	4.193445	1.670234	-3.23437	3.359894
#2	36.67985	-.777663	16.53840	3.626997	1.519361	-1.75830	2.500216

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.26310	2.873953	.9553786	-4.26916	1.053640	2.223154	5.986164
SDev	.14684	.119692	.2197012	1.52218	.085412	.068941	.077613
%RSD	4.500122	4.164710	22.99625	35.65517	8.106343	3.101058	1.296533
#1	-3.36693	2.789318	1.110731	-5.34550	.9932449	2.174405	6.041044
#2	-3.15927	2.958588	.8000264	-3.19282	1.114035	2.271902	5.931284

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	127.0245	-2.49013	1.229640	24.33124
SDev	1.6031	.15098	.003979	.04440
%RSD	1.262041	6.062969	.3235907	.1824836
#1	128.1581	-2.59689	1.226826	24.29984
#2	125.8909	-2.38338	1.232453	24.36264

Method: STL3 Sample Name: 220-8061-A-10-A Operator: NP
Run Time: 02/18/09 14:26:52
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3424857	20633.48	6.812131	2.206387	50.17500	.7768171	1998.069
SDev	.2818245	60.20	.563249	.551610	.22376	.0243127	9.375
%RSD	82.28796	.2917558	8.268325	25.00059	.4459538	3.129785	.4692176
#1	.1432057	20676.05	7.210408	2.596434	50.33321	.7940087	1991.440
#2	.5417657	20590.91	6.413854	1.816340	50.01677	.7596254	2004.699

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.642962	10.83081	38.45319	30.22458	29666.17	933.6753	3608.073
SDev	.464954	.21729	.13925	.12249	4.93	4.9455	15.298
%RSD	72.31435	2.006267	.3621369	.4052535	.0166057	.5296782	.4239866
#1	-.971734	10.98446	38.35472	30.31119	29662.69	937.1722	3618.890
#2	-.314190	10.67716	38.55165	30.13797	29669.65	930.1783	3597.256

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	429.8311	1.914248	87.29803	15.82741	23.27860	.7487819	.3129163
SDev	.1864	.465292	.96178	.71439	1.40572	1.952834	.0650029
%RSD	.0433761	24.30680	1.101719	4.513633	6.038677	260.8015	20.77326
#1	429.6993	2.243259	87.97812	16.33256	22.28461	2.129644	.3588803
#2	429.9629	1.585236	86.61796	15.32226	24.27259	-.632081	.2669523

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.828784	19.40427	25.21236	-.442851	3.134625	40.49502	64.41037
SDev	1.115788	.38492	1.91536	2.176345	1.505141	1.13940	.00169
%RSD	134.6296	1.983688	7.596889	491.4401	48.01664	2.813679	.0026300
#1	-.039803	19.13209	23.85800	1.096058	4.198920	39.68934	64.40917
#2	-1.61777	19.67645	26.56672	-1.98176	2.070329	41.30070	64.41157

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	712.2864	1.533478	22.69778	868.8442
SDev	1.1259	1.863220	.06751	1.4334
%RSD	.1580706	121.5028	.2974083	.1649750
#1	711.4903	2.850974	22.65005	867.8306
#2	713.0826	.2159829	22.74552	869.8577

Method: STL3 Sample Name: 220-8061-A-11-A Operator: NP
Run Time: 02/18/09 14:32:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4649095	14869.23	9.806624	1.687467	76.08840	.5824344	2939.767
SDev	.1163041	23.06	1.157239	.107775	.12083	.0246617	12.500
%RSD	25.01651	.1550925	11.80058	6.386764	.1588056	4.234242	.4252112
#1	.3826700	14885.54	10.62491	1.611259	76.00296	.5649959	2930.928
#2	.5471489	14852.93	8.988333	1.763675	76.17384	.5998728	2948.606

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.016185	15.98291	402.2799	55.76594	47023.48	762.3267	2924.591
SDev	.152783	.12730	1.6331	.11214	62.34	3.2969	3.267
%RSD	2.539527	.7964907	.4059643	.2010838	.1325751	.4324745	.1117110
#1	5.908152	16.07292	401.1252	55.68665	46979.39	759.9954	2922.281
#2	6.124219	15.89289	403.4347	55.84523	47067.56	764.6579	2926.901

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	995.5872	2.557315	70.68236	47.14813	85.98158	.5576643	-.705247
SDev	3.4058	1.120931	.67762	.14152	1.88412	.4432785	.073032
%RSD	.3420852	43.83235	.9586817	.3001583	2.191309	79.48843	10.35556
#1	993.1790	3.349934	71.16151	47.24819	84.64931	.2442190	-.756888
#2	997.9954	1.764697	70.20321	47.04805	87.31386	.8711096	-.653605

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.515408	86.32362	85.81023	-.763500	3.202860	34.56501	155.5541
SDev	2.840989	1.92846	1.86199	.210894	1.753730	.93272	.3843
%RSD	187.4736	2.233991	2.169890	27.62199	54.75512	2.698443	.2470824
#1	3.524290	84.96000	84.49360	-.614376	1.962786	33.90548	155.8259
#2	-.493475	87.68726	87.12685	-.912625	4.442934	35.22454	155.2824

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1163.700	8.292341	16.32778	624.4025
SDev	1.951	.092651	.01619	.9848
%RSD	.1676489	1.117307	.0991714	.1577237
#1	1162.321	8.226828	16.33923	623.7061
#2	1165.080	8.357856	16.31633	625.0989

Method: STL3 Sample Name: 220-8061-A-12-A Operator: NP
Run Time: 02/18/09 14:38:20
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.165424	22725.44	15.29268	1.913863	103.6315	.6495384	4642.080
SDev	.071823	22.57	1.44737	.126215	.2819	.0002625	17.270
%RSD	3.316792	.0993256	9.464452	6.594795	.2720525	.0404183	.3720295
#1	2.114638	22741.40	14.26923	2.003110	103.8308	.6493528	4629.869
#2	2.216210	22709.47	16.31612	1.824615	103.4321	.6497241	4654.292

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.002835	11.76142	89.76775	61.10125	30973.99	938.3378	3249.302
SDev	.157330	.00833	.06926	.15558	125.50	1.6484	1.380
%RSD	7.855372	.0707981	.0771589	.2546318	.4051800	.1756714	.0424663
#1	1.891586	11.76731	89.71877	61.21127	30885.25	939.5034	3250.278
#2	2.114084	11.75554	89.81673	60.99124	31062.73	937.1722	3248.327

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.4742	2.153529	120.1430	20.37574	699.1844	.4724997	-.550260
SDev	1.7082	1.311278	.8525	.20404	.4200	.6139619	.424295
%RSD	.3346359	60.88976	.7095683	1.001377	.0600663	129.9391	77.10805
#1	509.2663	3.080742	120.7458	20.23147	698.8874	.0383631	-.250238
#2	511.6821	1.226315	119.5402	20.52002	699.4814	.9066363	-.850282

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.050195	693.8496	701.8472	.3768740	.6630373	46.51293	257.3503
SDev	6.248545	.0789	.6691	1.042965	.2453338	1.67616	.0052
%RSD	12448.43	.0113704	.0953319	276.7412	37.00150	3.603650	.0020208
#1	-4.46858	693.9054	701.3740	-.360614	.8365145	45.32771	257.3539
#2	4.368193	693.7938	702.3202	1.114362	.4895601	47.69816	257.3466

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1331.400	8.186328	26.25809	770.5341
SDev	2.134	.516091	.02027	1.8701
%RSD	.1602766	6.304298	.0772091	.2427068
#1	1329.891	7.821397	26.27243	769.2117
#2	1332.909	8.551259	26.24376	771.8565

Method: STL3 Sample Name: 220-8061-A-13-A Operator: NP
Run Time: 02/18/09 14:44:04
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0807579	31393.03	7.848049	1.740739	46.03593	.8035817	1012.293
SDev	.1657203	142.91	.664973	.251215	.26851	.0001303	5.099
%RSD	205.2064	.4552422	8.473097	14.43153	.5832614	.0162119	.5036812
#1	.1979398	31291.97	8.318255	1.918375	45.84607	.8034896	1008.688
#2	-.036424	31494.08	7.377842	1.563103	46.22580	.8036738	1015.898

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.73182	8.076878	29.55166	7.224508	35731.28	953.4911	2315.751
SDev	.22399	.242545	.16253	.312243	45.42	6.5939	14.141
%RSD	12.93361	3.002951	.5499827	4.321993	.1271016	.6915498	.6106486
#1	-1.57344	8.248383	29.66659	7.003719	35699.17	948.8285	2305.751
#2	-1.89020	7.905373	29.43674	7.445297	35763.39	958.1537	2325.750

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	239.4655	1.465596	72.84625	12.18390	15.51600	2.472308	-.713612
SDev	.1759	.380694	.45903	.32566	1.38791	1.235534	.156059
%RSD	.0734564	25.97535	.6301387	2.672878	8.945004	49.97493	21.86896
#1	239.3411	1.196405	72.52167	12.41418	14.53461	3.345962	-.823963
#2	239.5899	1.734787	73.17084	11.95363	16.49740	1.598653	-.603261

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.19797	16.28751	15.12998	2.147963	3.120770	52.43007	36.82983
SDev	.57396	.22717	1.96734	3.369517	3.039122	.81779	.23710
%RSD	26.11314	1.394722	13.00290	156.8704	97.38372	1.559766	.6437825
#1	-2.60382	16.12688	13.73886	4.530571	.9717865	53.00834	36.99749
#2	-1.79212	16.44814	16.52109	-.234645	5.269754	51.85181	36.66217

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1276.305	1.970141	8.745160	613.3528
SDev	2.389	.570378	.035735	.2108
%RSD	.1871868	28.95114	.4086275	.0343661
#1	1274.616	2.373459	8.719891	613.2037
#2	1277.995	1.566822	8.770429	613.5018

Method: STL3 Sample Name: 220-8061-A-14-A Operator: NP
Run Time: 02/18/09 14:49:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3117393	30569.28	5.716802	1.180039	56.99431	.8568063	5474.338
SDev	.1934621	2.23	.447787	.274275	.02237	.0495835	25.165
%RSD	62.05893	.0072873	7.832823	23.24286	.0392582	5.787013	.4596863
#1	.1749409	30570.85	5.400169	.9860976	57.01013	.8217455	5456.544
#2	.4485377	30567.70	6.033435	1.373981	56.97849	.8918672	5492.132

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.32828	5.550558	28.35234	9.512971	37404.98	895.2092	2060.640
SDev	.19124	.038833	.03496	.022112	118.40	3.2970	13.217
%RSD	14.39785	.6996189	.1233042	.2324397	.3165326	.3682935	.6414025
#1	-1.19305	5.578017	28.37706	9.528606	37321.26	892.8779	2051.294
#2	-1.46351	5.523099	28.32762	9.497335	37488.70	897.5406	2069.985

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	177.2983	1.390821	112.2911	11.17383	27.42128	3.796910	-1.34437
SDev	.6626	.359544	.3716	.62922	.78029	2.939992	.10498
%RSD	.3737142	25.85121	.3309198	5.631169	2.845559	77.43120	7.808944
#1	176.8298	1.645056	112.5539	11.61876	26.86953	1.718021	-1.27013
#2	177.7669	1.136585	112.0284	10.72891	27.97302	5.875798	-1.41860

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.442130	26.25201	28.00423	2.598161	6.196906	53.30243	46.37753
SDev	.174126	1.08181	1.70994	4.316973	.182038	.79038	.45437
%RSD	39.38343	4.120848	6.106006	166.1550	2.937562	1.482818	.9797288
#1	-.319004	27.01696	26.79512	-.454400	6.068186	52.74355	46.05624
#2	-.565255	25.48705	29.21335	5.650722	6.325626	53.86131	46.69882

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1339.058	4.434997	42.28375	618.9141
SDev	8.265	1.960727	.06319	2.6327
%RSD	.6172185	44.21034	.1494474	.4253747
#1	1333.214	3.048553	42.23907	617.0525
#2	1344.902	5.821440	42.32844	620.7757

Method: STL3 Sample Name: 220-8061-A-15-A Operator: NP
Run Time: 02/18/09 14:55:32
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2558261	22630.54	11.41521	11.42231	149.0029	.7651792	54467.74
SDev	.1607986	262.82	.16463	.21479	.8369	.0717773	707.74
%RSD	62.85463	1.161357	1.442218	1.880405	.5616345	9.380463	1.299373
#1	.1421244	22444.69	11.53163	11.27044	148.4111	.8159334	53967.30
#2	.3695278	22816.38	11.29880	11.57419	149.5946	.7144249	54968.19

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.595226	11.49635	49.44213	65.15996	39660.98	2855.811	10495.97
SDev	.174953	.46061	.68221	.64731	532.64	29.672	84.87
%RSD	2.652715	4.006537	1.379820	.9934099	1.342981	1.039019	.8085836
#1	6.718936	11.17066	48.95974	64.70224	39284.34	2834.829	10435.96
#2	6.471516	11.82205	49.92453	65.61767	40037.61	2876.792	10555.98

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.8405	2.183439	495.5493	27.91818	161.3768	.1639974	-1.85917
SDev	4.6481	.296095	5.8800	.03706	1.1550	1.232347	2.06231
%RSD	.9207093	13.56095	1.186563	.1327580	.7157255	751.4428	110.9265
#1	501.5538	1.974068	491.3915	27.94438	160.5601	-.707403	-3.31744
#2	508.1272	2.392810	499.7071	27.89197	162.1936	1.035398	-.400895

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.504046	161.4412	161.3439	-.211533	.9151859	75.22999	197.4762
SDev	.809980	2.6767	.3953	1.957512	.2201616	1.81070	1.7302
%RSD	23.11557	1.658005	.2450170	925.3910	24.05649	2.406884	.8761712
#1	4.076789	159.5485	161.0644	-1.59570	1.070864	73.94963	196.2528
#2	2.931304	163.3339	161.6234	1.172636	.7595081	76.51035	198.6997

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	822.7677	17.67332	191.5118	984.1666
SDev	7.0230	2.41569	1.4866	8.6487
%RSD	.8535864	13.66856	.7762225	.8787820
#1	817.8016	19.38147	190.4606	978.0510
#2	827.7337	15.96517	192.5630	990.2821

Method: STL3 Sample Name: 220-8061-A-16-A Operator: NP
Run Time: 02/18/09 15:01:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1680421	27035.34	6.623932	3.405681	79.36357	.7773358	14457.04
SDev	.0384318	77.90	1.078899	.301690	.41172	.0124131	66.28
%RSD	22.87037	.2881433	16.28789	8.858419	.5187772	1.596882	.4584918
#1	.1952175	26980.26	7.386828	3.619008	79.65470	.7685584	14410.17
#2	.1408667	27090.43	5.861035	3.192355	79.07244	.7861132	14503.91

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.04373	6.076485	30.45005	20.24369	34500.70	825.2710	2366.666
SDev	.21418	.122307	.05849	.13432	30.36	3.2970	7.412
%RSD	1.423744	2.012794	.1920819	.6634936	.0879863	.3995048	.3131694
#1	15.19518	5.990001	30.49141	20.33867	34522.17	822.9397	2371.907
#2	14.89228	6.162969	30.40869	20.14872	34479.24	827.6024	2361.425

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	281.3565	1.689922	185.1838	13.47589	138.6051	2.507462	-.541517
SDev	.9523	.951734	.7651	.49815	2.3882	4.418126	1.664124
%RSD	.3384636	56.31825	.4131344	3.696577	1.723049	176.1991	307.3078
#1	280.6831	1.016944	184.6428	13.12365	136.9163	-.616624	.6351962
#2	282.0299	2.362900	185.7247	13.82813	140.2938	5.631549	-1.71823

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.122516	136.5037	139.6533	2.528724	2.463774	48.35046	127.6719
SDev	.620714	5.3078	.9306	6.046666	1.156297	.63658	.1523
%RSD	55.29673	3.888417	.6663740	239.1193	46.93194	1.316591	.1192610
#1	.6836042	132.7505	138.9952	-1.74691	1.646149	48.80058	127.5642
#2	1.561427	140.2569	140.3113	6.804362	3.281400	47.90033	127.7796

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	951.7829	4.962647	109.4160	610.5809
SDev	.2452	.932335	.1420	.3707
%RSD	.0257649	18.78705	.1297618	.0607106
#1	951.9563	4.303387	109.3156	610.3188
#2	951.6095	5.621907	109.5164	610.8430

Method: STL3 Sample Name: 220-8061-A-17-A Operator: NP
Run Time: 02/18/09 15:07:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2178205	20109.44	8.999000	.2793078	24.57170	.7997480	619.3084
SDev	.2319285	71.78	2.480965	.1290638	.00447	.0861105	.0000
%RSD	106.4769	.3569518	27.56934	46.20843	.0182119	10.76720	.0000000
#1	.3818187	20058.68	10.75331	.1880460	24.56853	.7388587	619.3084
#2	.0538223	20160.19	7.244693	.3705697	24.57486	.8606373	619.3084

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.03708	21.96968	21.80974	8.706593	36008.01	512.8803	1874.618
SDev	.29706	.15210	.25556	.133561	43.48	3.2969	6.495
%RSD	28.64349	.6923035	1.171750	1.534021	.1207552	.6428186	.3464516
#1	-1.24713	21.86213	21.99045	8.612151	35977.27	510.5490	1870.026
#2	-.827029	22.07723	21.62904	8.801035	36038.76	515.2115	1879.211

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	794.1679	1.256225	39.63034	15.22062	12.54870	.6326329	.0703174
SDev	.6624	.634490	.00000	.28151	.83124	1.415565	.1542291
%RSD	.0834020	50.50764	.0000000	1.849552	6.624093	223.7577	219.3327
#1	793.6995	.8075731	39.63034	15.41968	11.96093	1.633588	-.038739
#2	794.6362	1.704877	39.63034	15.02156	13.13648	-.368323	.1793739

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.84520	11.98656	12.82860	-.489624	2.879316	38.21243	104.6383
SDev	5.49871	.48627	1.48879	2.348925	.453958	1.58649	.1485
%RSD	297.9998	4.056766	11.60525	479.7404	15.76618	4.151753	.1419405
#1	2.042968	12.33040	11.77587	1.171316	2.558319	39.33424	104.5333
#2	-5.73338	11.64272	13.88133	-2.15056	3.200313	37.09061	104.7433

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1463.469	2.708591	6.185159	477.3881
SDev	4.341	2.555475	.019913	.4442
%RSD	.2966563	94.34701	.3219459	.0930496
#1	1460.399	4.515585	6.171079	477.0739
#2	1466.539	.9015976	6.199240	477.7022

Method: STL3 Sample Name: 220-8061-A-18-A Operator: NP
Run Time: 02/18/09 15:12:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3406976	23219.43	4.721914	.5707506	40.35264	.8474685	1172.092
SDev	.0219433	74.75	1.497651	.1982562	.02685	.0491625	5.099
%RSD	6.440695	.3219181	31.71704	34.73606	.0665382	5.801099	.4350184
#1	.3562139	23166.58	3.662914	.7109389	40.33366	.8127053	1168.487
#2	.3251814	23272.28	5.780913	.4305623	40.37163	.8822316	1175.697

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.17605	12.35277	25.09039	6.584349	30917.57	856.7432	2680.423
SDev	.08194	.36424	.17385	.056183	82.00	1.6485	12.521
%RSD	6.967681	2.948655	.6928894	.8532826	.2652287	.1924121	.4671317
#1	-1.11811	12.09521	25.21332	6.624076	30859.59	857.9089	2671.569
#2	-1.23400	12.61032	24.96746	6.544621	30975.56	855.5776	2689.277

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	645.6197	1.570281	60.69749	14.73261	12.57308	.8467816	-1.58427
SDev	.6212	1.205530	.54647	.00050	.26921	4.357461	1.17053
%RSD	.0962143	76.77161	.9003151	.0033872	2.141150	514.5909	73.88457
#1	645.1805	.7178427	60.31107	14.73296	12.38272	3.927972	-.756579
#2	646.0590	2.422720	61.08390	14.73226	12.76343	-2.23441	-2.41196

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.451182	12.18226	12.76724	-.406687	3.356381	42.05863	65.43040
SDev	2.331444	.72450	.04198	4.871011	3.328961	1.05645	.91367
%RSD	160.6583	5.947134	.3287914	1197.731	99.18305	2.511849	1.396405
#1	-.197398	11.66997	12.73756	3.037638	5.710312	41.31161	64.78434
#2	3.099762	12.69456	12.79692	-3.85101	1.002450	42.80566	66.07647

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1681.571	1.617952	17.43501	648.8358
SDev	6.270	.514097	.01582	.9181
%RSD	.3728891	31.77456	.0907538	.1415008
#1	1677.137	1.254430	17.42382	648.1866
#2	1686.005	1.981473	17.44619	649.4850

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 02/18/09 15:18:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.29107	4708.628	498.6132	472.2161	481.2413	484.7050	18598.68
SDev	.74563	15.334	4.5347	3.9321	.3535	4.4152	159.54
%RSD	1.453730	.3256501	.9094654	.8326806	.0734625	.9109110	.8578082
#1	51.81831	4697.785	495.4067	469.4357	480.9914	481.5829	18485.86
#2	50.76382	4719.470	501.8198	474.9964	481.4913	487.8270	18711.49

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488.3043	495.9923	497.6368	477.2110	4913.992	18588.41	18572.05
SDev	1.0271	2.8574	4.1608	.8017	3.871	150.01	27.36
%RSD	.2103500	.5761036	.8361185	.1679990	.0787778	.8070093	.1473348
#1	487.5779	493.9718	494.6947	476.6441	4911.255	18482.34	18552.70
#2	489.0306	498.0128	500.5790	477.7779	4916.730	18694.49	18591.40

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.9285	499.0055	21083.51	480.0990	488.6921	481.8314	475.0516
SDev	1.3460	5.1394	127.90	2.4614	4.2245	6.1235	9.5538
%RSD	.2665685	1.029926	.6066123	.5126787	.8644532	1.270881	2.011098
#1	503.9768	495.3714	20993.08	478.3585	485.7049	477.5014	468.2961
#2	505.8803	502.6396	21173.95	481.8394	491.6793	486.1614	481.8071

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	467.6492	491.8101	487.1347	481.7834	481.9266	489.5133	492.4759
SDev	9.8454	7.9530	2.3631	7.7223	2.9212	2.9401	4.9123
%RSD	2.105300	1.617090	.4850917	1.602850	.6061451	.6006080	.9974672
#1	460.6874	486.1864	485.4638	476.3229	479.8610	487.4344	489.0024
#2	474.6110	497.4337	488.8057	487.2438	483.9922	491.5922	495.9494

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	505.9346	474.8324	497.4676	487.8166
SDev	.8399	9.0264	1.7012	1.7959
%RSD	.1660106	1.900975	.3419623	.3681431
#1	505.3407	468.4497	496.2647	486.5467
#2	506.5285	481.2151	498.6705	489.0864

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 02/18/09 15:24:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2190454	1.558885	-1.98534	-.202908	.0348086	-.277451	-1.62823
SDev	.1107360	6.539093	.52194	.665797	.0134255	.012345	.82238
%RSD	50.55391	419.4724	26.28986	328.1270	38.56948	4.449503	50.50755
#1	.2973476	-3.06495	-1.61627	.2678811	.0253153	-.268722	-2.20974
#2	.1407432	6.182722	-2.35441	-.673697	.0443018	-.286180	-1.04672

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0419475	.2818648	-.745638	-1.33407	18.92997	11.65644	-.820477
SDev	.0655993	.0331834	.336159	.15562	.81988	.00000	.232000
%RSD	156.3845	11.77281	45.08335	11.66497	4.331097	.0000000	28.27619
#1	-.004438	.3053290	-.983339	-1.22403	19.50971	11.65644	-.984526
#2	.0883332	.2584006	-.507938	-1.44410	18.35024	11.65644	-.656429

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.146377	1.570281	10.41765	-1.43537	.5733881	-1.69673	5.608791
SDev	.031078	1.501625	.43717	.27038	.5682343	1.96421	3.134365
%RSD	21.23150	95.62779	4.196463	18.83682	99.10116	115.7643	55.88307
#1	-.168353	2.632091	10.72678	-1.62655	.1715858	-3.08564	7.825121
#2	-.124402	.5084718	10.10852	-1.24418	.9751904	-.307826	3.392461

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.23547	-.221942	.9698574	-3.13221	1.177424	.2273281	-.436574
SDev	2.16291	.289405	.9964111	2.40768	1.076077	.2330871	.154198
%RSD	51.06649	130.3967	102.7379	76.86859	91.39246	102.5334	35.31999
#1	-5.76488	-.017302	.2652884	-4.83470	.4165229	.0625106	-.545609
#2	-2.70607	-.426583	1.674426	-1.42972	1.938325	.3921455	-.327540

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-18.9384	2.723391	.0225627	.3459417
SDev	.9051	2.827910	.0000173	.2518465
%RSD	4.779391	103.8378	.0765407	72.80026
#1	-18.2984	4.723025	.0225749	.5240241
#2	-19.5784	.7237569	.0225505	.1678594

Method: STL3 Sample Name: 220-8061-A-19-A Operator: NP
Run Time: 02/18/09 15:30:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.035393	24518.74	8.724283	.9627080	52.96285	.9258957	1409.116
SDev	.537263	233.26	.566046	.6821168	.24613	.1001056	32.073
%RSD	1518.007	.9513468	6.488162	70.85396	.4647313	10.81175	2.276088
#1	-.415295	24353.80	8.324029	.4803786	52.78880	.8551104	1386.437
#2	.3445094	24683.68	9.124538	1.445037	53.13689	.9966810	1431.795

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.01421	9.007027	37.60395	11.47722	41995.91	994.2884	2614.273
SDev	.03474	.458600	1.16698	.27909	809.66	18.1330	28.573
%RSD	3.425028	5.091583	3.103332	2.431702	1.927942	1.823715	1.092958
#1	-.989651	8.682747	36.77878	11.27987	41423.39	981.4664	2594.069
#2	-1.03878	9.331305	38.42913	11.67456	42568.42	1007.110	2634.477

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	477.0740	1.345955	216.6531	14.39123	21.97290	2.211579	-1.80501
SDev	9.5444	.169197	.5465	1.22428	.18217	.771431	1.86399
%RSD	2.000619	12.57079	.2522284	8.507130	.8290675	34.88144	103.2679
#1	470.3250	1.465596	216.2667	13.52553	22.10171	1.666095	-3.12305
#2	483.8229	1.226315	217.0395	15.25692	21.84408	2.757063	-.486964

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.404804	22.43865	21.73957	1.774552	3.085943	48.38775	158.5561
SDev	8.263143	2.09421	.77270	.095371	2.125580	.60756	4.4797
%RSD	343.6098	9.333033	3.554333	5.374378	68.87941	1.255600	2.825315
#1	8.247728	23.91947	21.19319	1.707115	1.582931	47.95814	155.3885
#2	-3.43812	20.95782	22.28595	1.841990	4.588955	48.81736	161.7238

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1514.431	1.804115	12.51317	690.9362
SDev	22.071	5.531510	.09491	8.9236
%RSD	1.457403	306.6052	.7584536	1.291516
#1	1498.824	-2.10725	12.44607	684.6263
#2	1530.038	5.715484	12.58028	697.2461

Method: STL3 Sample Name: 220-8061-A-20-A Operator: NP
Run Time: 02/18/09 15:35:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3983895	28907.20	8.597818	1.101398	55.16211	.8238928	1682.542
SDev	.0056808	77.19	1.919007	.197221	.08951	.0366150	4.276
%RSD	1.425932	.2670100	22.31970	17.90646	.1622582	4.444145	.2541574
#1	.3943726	28961.78	9.954762	.9619415	55.09882	.8497835	1679.518
#2	.4024064	28852.62	7.240875	1.240855	55.22540	.7980021	1685.566

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.49202	9.530702	30.55541	8.408442	38595.01	913.8595	2447.617
SDev	.08309	.152476	.12720	.022536	73.55	.0000	.931
%RSD	5.568949	1.599838	.4162968	.2680174	.1905691	.0000000	.0380375
#1	-1.43326	9.638518	30.46547	8.424376	38647.02	913.8595	2446.959
#2	-1.55077	9.422885	30.64535	8.392506	38543.00	913.8595	2448.275

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	380.6724	1.046854	68.64211	14.57339	18.70625	2.740940	-1.01511
SDev	.6004	.634489	.02186	.18402	1.41438	1.035954	1.50248
%RSD	.1577203	60.60916	.0318459	1.262707	7.560992	37.79560	148.0115
#1	380.2479	.5982023	68.62665	14.44327	19.70637	2.008409	.0473036
#2	381.0970	1.495506	68.65756	14.70351	17.70613	3.473470	-2.07752

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0718670	17.60507	19.25507	2.078652	4.066403	54.28275	48.90199
SDev	3.373544	.63232	1.80475	1.943267	.781537	.14172	1.15671
%RSD	4694.150	3.591708	9.372863	93.48689	19.21936	.2610748	2.365368
#1	2.457323	18.05219	20.53122	.7045544	4.619033	54.38296	48.08407
#2	-2.31359	17.15795	17.97891	3.452749	3.513773	54.18254	49.71991

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1624.210	3.538364	14.08725	740.1724
SDev	2.957	2.014782	.02779	.7110
%RSD	.1820283	56.94106	.1972559	.0960575
#1	1622.119	2.113698	14.06760	739.6697
#2	1626.301	4.963030	14.10689	740.6752

Method: STL3 Sample Name: 220-8061-A-21-A Operator: NP
Run Time: 02/18/09 15:41:30
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.168381	5185.079	3.135550	-2.07786	14.69871	.6666209	110.3706
SDev	.028105	16.708	1.457758	.21522	.00447	.0489577	.3289
%RSD	2.405441	.3222354	46.49131	10.35782	.0304401	7.344158	.2980391
#1	1.148508	5173.265	2.104759	-2.23004	14.70188	.6320026	110.6033
#2	1.188254	5196.894	4.166341	-1.92567	14.69555	.7012392	110.1381

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.14776	6.849221	161.2824	10.84279	51338.23	256.4402	822.9199
SDev	.20008	.362249	1.4243	.16751	329.26	.0000	1.8769
%RSD	1.166797	5.288910	.8831039	1.544884	.6413553	.0000000	.2280798
#1	17.00629	7.105370	160.2753	10.96123	51105.40	256.4402	821.5928
#2	17.28924	6.593072	162.2895	10.72434	51571.05	256.4402	824.2471

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	528.0610	1.764697	16.26019	6.882606	5.472393	2.526326	-.534047
SDev	3.5196	.338394	.04372	.860723	.122639	.816388	1.791850
%RSD	.6665073	19.17578	.2688741	12.50577	2.241041	32.31525	335.5228
#1	525.5723	1.525416	16.22928	6.273983	5.385675	3.103599	-1.80108
#2	530.5497	2.003978	16.29110	7.491229	5.559112	1.949052	.7329822

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5981979	6.029744	5.193335	1.364907	4.851549	16.68075	33.35915
SDev	1.785404	.096854	.135511	.820561	.807890	.17511	.09252
%RSD	298.4638	1.606273	2.609329	60.11842	16.65220	1.049788	.2773394
#1	1.860669	5.961258	5.097514	1.945131	5.422813	16.80457	33.42457
#2	-.664273	6.098230	5.289156	.7846832	4.280285	16.55692	33.29373

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1290.365	-1.00464	1.450773	153.1472
SDev	3.783	2.70129	.023902	.5076
%RSD	.2931531	268.8817	1.647534	.3314364
#1	1287.690	.9054606	1.433872	153.5061
#2	1293.040	-2.91474	1.467674	152.7883

Method: STL3 Sample Name: 220-8061-A-22-A Operator: NP
Run Time: 02/18/09 15:49:28
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2131650	3589.100	1.720367	-1.48311	17.03089	.1790449	230.7433
SDev	.0385577	22.547	.510950	.25955	.13425	.0120615	3.7829
%RSD	18.08821	.6282117	29.70007	17.50077	.7882944	6.736567	1.639458
#1	.2404295	3573.156	2.081663	-1.29957	16.93596	.1875736	228.0683
#2	.1859006	3605.043	1.359071	-1.66664	17.12582	.1705161	233.4182

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	313.3320	3.497068	337.6709	82.67174	18344.20	289.0780	714.6810
SDev	3.0552	.185270	4.1603	.78138	120.59	.0000	3.9513
%RSD	.9750758	5.297860	1.232043	.9451561	.6573929	.0000000	.5528730
#1	311.1716	3.628074	334.7291	82.11922	18258.93	289.0780	711.8871
#2	315.4923	3.366063	340.6126	83.22425	18429.47	289.0780	717.4750

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	185.8221	.6879327	18.62503	12.58884	5.341876	.3387693	-.693668
SDev	1.6666	.6344897	.15301	1.08307	1.070971	1.849807	.596228
%RSD	.8968871	92.23135	.8215432	8.603450	20.04859	546.0375	85.95303
#1	184.6436	1.136585	18.51683	13.35469	6.099167	-.969242	-1.11526
#2	187.0006	.2392808	18.73322	11.82299	4.584586	1.646781	-.272071

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.827305	5.247195	5.388347	.7119445	-.410003	11.31738	59.73315
SDev	.311352	2.949463	.133132	2.025092	1.498570	.23242	.30418
%RSD	8.135016	56.21028	2.470748	284.4452	365.5020	2.053656	.5092273
#1	3.607146	7.332780	5.482486	-.720012	-1.46965	11.48172	59.51807
#2	4.047464	3.161610	5.294208	2.143901	.6496458	11.15303	59.94824

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	764.1276	-1.14350	5.779357	180.0985
SDev	.9440	1.53745	.031781	.7807
%RSD	.1235400	134.4519	.5499011	.4334985
#1	763.4600	-2.23064	5.756885	179.5464
#2	764.7950	-.056353	5.801830	180.6505

Method: STL3 Sample Name: 220-8061-A-23-A Operator: NP
Run Time: 02/18/09 15:55:13
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1514324	3681.917	3.983424	-1.51466	13.07537	.2701948	15.93338
SDev	.0336227	17.815	.521219	.12346	.07160	.0984304	1.64476
%RSD	22.20313	.4838536	13.08469	8.150927	.5476079	36.42941	10.32273
#1	.1276575	3669.320	4.351982	-1.60196	13.02474	.2005940	14.77036
#2	.1752072	3694.514	3.614867	-1.42736	13.12600	.3397956	17.09640

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.05260	4.576152	104.7329	9.154150	19507.75	317.0533	773.0554
SDev	.08555	.090039	1.6332	.189172	93.24	3.2969	9.0550
%RSD	8.127629	1.967566	1.559389	2.066515	.4779429	1.039867	1.171328
#1	-1.11309	4.512485	103.5781	9.020385	19441.82	314.7221	766.6525
#2	-.992103	4.639819	105.8878	9.287914	19573.67	319.3846	779.4583

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	291.8573	.9421687	14.96185	3.919590	4.979309	1.499767	-1.57392
SDev	2.3084	1.417026	.17487	.368106	.023673	.434593	2.13489
%RSD	.7909459	150.4005	1.168793	9.391441	.4754350	28.97734	135.6412
#1	290.2250	-.059820	14.83819	3.659300	4.996049	1.192464	-.064329
#2	293.4896	1.944158	15.08550	4.179881	4.962570	1.807071	-3.08352

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.22990	6.510160	4.214232	1.490452	1.517424	13.66443	13.26042
SDev	1.92641	.751454	.410656	1.176673	1.051797	.26031	1.14664
%RSD	86.39004	11.54279	9.744502	78.94737	69.31463	1.905022	8.647072
#1	-.867720	5.978801	4.504610	.6584190	2.261156	13.84849	12.44962
#2	-3.59207	7.041517	3.923855	2.322486	.7736912	13.48036	14.07121

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1034.331	-4.13991	.9430481	162.6693
SDev	11.460	.06352	.0040171	1.2625
%RSD	1.107930	1.534227	.4259654	.7761285
#1	1042.435	-4.18482	.9458886	161.7765
#2	1026.228	-4.09500	.9402076	163.5620

Method: STL3 Sample Name: 220-8061-A-24-A Operator: NP
Run Time: 02/18/09 16:00:57
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4061551	4135.311	3.431344	-.993724	19.91051	.1965956	94.90248
SDev	.1329103	12.870	.269026	.209937	.00895	.0122676	1.15134
%RSD	32.72402	.3112262	7.840243	21.12633	.0449577	6.239997	1.213178
#1	.3121733	4126.210	3.621574	-.845276	19.91684	.1879211	94.08836
#2	.5001368	4144.412	3.241114	-1.14217	19.90418	.2052700	95.71660

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.469893	6.414926	35.88153	6.723725	15411.14	319.3846	1033.862
SDev	.148952	.120361	.31222	.256577	11.47	3.2969	1.638
%RSD	4.292707	1.876264	.8701444	3.815988	.0744342	1.032277	.1584049
#1	3.575219	6.329819	35.66076	6.905152	15403.03	317.0533	1032.704
#2	3.364568	6.500035	36.10231	6.542298	15419.25	321.7158	1035.020

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	526.8015	.5982023	27.97617	2.951031	4.037159	.2518344	-.809815
SDev	2.3602	.0422993	.87435	1.353455	.378371	1.680641	2.704402
%RSD	.4480331	7.071067	3.125336	45.86382	9.372201	667.3594	333.9533
#1	525.1326	.6281125	27.35792	3.908068	3.769610	1.440227	-2.72212
#2	528.4705	.5682923	28.59443	1.993993	4.304707	-.936558	1.102486

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.37928	4.418039	3.846204	.1858507	.3829992	11.49780	21.76992
SDev	1.80761	1.468476	.165865	2.677584	.3162393	.62141	.61491
%RSD	28.33562	33.23818	4.312421	1440.718	82.56918	5.404616	2.824578
#1	-5.10111	3.379670	3.963488	2.079189	.1593843	11.05839	22.20472
#2	-7.65745	5.456409	3.728921	-1.70749	.6066141	11.93720	21.33511

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1288.856	-1.15847	1.304662	181.0745
SDev	22.251	.02952	.000024	.2848
%RSD	1.726414	2.547789	.0018543	.1572965
#1	1273.122	-1.13760	1.304679	180.8731
#2	1304.590	-1.17934	1.304645	181.2758

Method: STL3 Sample Name: 220-8013-A-1-D Operator: NP
Run Time: 02/18/09 16:06:41
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1930696	1887.682	-.957402	-.902746	29.28035	-.163071	67.45519
SDev	.1159870	17.196	1.983731	.247904	.08503	.048958	.49343
%RSD	60.07525	.9109324	207.1992	27.46104	.2903906	30.02234	.7314925
#1	.1110543	1899.841	.4453069	-1.07804	29.34047	-.197690	67.10628
#2	.2750847	1875.523	-2.36011	-.727452	29.22022	-.128453	67.80410

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.120330	1.043736	16.56683	17.34426	3885.922	187.6676	535.1877
SDev	.213724	.213100	.34754	.12232	7.364	1.6485	2.7807
%RSD	177.6160	20.41705	2.097795	.7052725	.1895141	.8784084	.5195655
#1	-.271456	1.194420	16.32109	17.43076	3891.130	188.8333	537.1539
#2	.0307965	.8930512	16.81258	17.25777	3880.715	186.5019	533.2215

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	81.18494	.9421688	24.63758	1.147535	7.114019	.1204133	.2012272
SDev	.14487	1.163231	1.13665	.239704	1.657702	4.001685	1.441213
%RSD	.1784401	123.4631	4.613496	20.88862	23.30190	3323.291	716.2116
#1	81.08250	1.764697	25.44132	.9780382	8.286191	2.950032	1.220318
#2	81.28738	.1196404	23.83385	1.317031	5.941847	-2.70920	-.817864

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.87260	5.163881	8.086907	.0650742	.2302568	8.362156	9.957180
SDev	.13549	2.152318	1.410792	4.815052	2.372507	.609196	.612103
%RSD	3.498585	41.68024	17.44538	7399.325	1030.374	7.285154	6.147354
#1	-3.96841	6.685800	9.084488	3.469830	1.907873	8.792922	10.39000
#2	-3.77680	3.641963	7.089327	-3.33968	-1.44736	7.931389	9.524358

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	915.0250	-.003919	1.071505	237.2528
SDev	24.4680	1.292506	.003993	.6959
%RSD	2.674029	32981.97	.3726369	.2933143
#1	932.3265	-.917859	1.074329	237.7449
#2	897.7235	.9100212	1.068682	236.7607

Method: STL3 Sample Name: MB 220-24419/1-A Operator: NP
Run Time: 02/18/09 16:12:25
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2656773	-4.14133	-2.39835	3.482747	.0253153	-.225482	L-24.3071
SDev	.0773082	.11405	2.05854	.323262	.0089503	.036900	.0000
%RSD	29.09854	2.754035	85.83133	9.281819	35.35533	16.36502	.0000000
#1	.2110121	-4.06068	-.942746	3.254166	.0316442	-.199390	L-24.3071
#2	.3203424	-4.22198	-3.85396	3.711328	.0189865	-.251574	L-24.3071

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.314514	.1060755	-.991382	-.820431	10.62483	17.48460	-.165032
SDev	.246289	.0906945	.243593	.010920	1.65338	4.94537	2.086143
%RSD	78.30791	85.49998	24.57101	1.331039	15.56146	28.28415	1264.083
#1	-.488667	.0419448	-1.16363	-.812709	11.79394	13.98769	-1.64016
#2	-.140361	.1702062	-.819136	-.828152	9.455711	20.98150	1.310094

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.175606	-.194416	1.622927	-.742615	-.591922	-2.85306	.2496763
SDev	.010285	.317245	.633904	.173433	.331568	1.41109	.2474664
%RSD	5.856802	163.1785	39.05929	23.35436	56.01555	49.45896	99.11488
#1	-.168334	.0299102	1.174689	-.865250	-.357468	-1.85526	.4246615
#2	-.182879	-.418742	2.071165	-.619979	-.826376	-3.85085	.0746912

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.22798	-.689884	-.543664	-3.37730	-1.80411	.7719197	.3782825
SDev	1.39624	.671229	.832286	1.98374	.26394	.7431863	.0771986
%RSD	113.7024	97.29600	153.0884	58.73746	14.63013	96.27768	20.40767
#1	-2.21528	-1.16451	.0448513	-1.97458	-1.61748	.2464076	.3236948
#2	-.240688	-.215253	-1.13218	-4.78001	-1.99075	1.297432	.4328702

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12.28615	-3.06236	-.205062	.3062372
SDev	1.22638	.12012	.011948	.1444641
%RSD	9.981805	3.922456	5.826306	47.17393
#1	13.15333	-3.14729	-.213511	.4083888
#2	11.41897	-2.97742	-.196614	.2040857

Method: STL3 Sample Name: LCS 220-24419/2-A Operator: NP
Run Time: 02/18/09 16:18:10
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	325.5713	5955.233	1069.481	1068.063	306.7269	114.9882	32802.30
SDev	4.2695	50.793	10.940	13.685	2.9178	1.6821	649.85
%RSD	1.311396	.8529181	1.022890	1.281324	.9512653	1.462816	1.981100
#1	322.5523	5919.317	1061.745	1058.386	304.6637	113.7988	32342.79
#2	328.5903	5991.149	1077.216	1077.740	308.7901	116.1776	33261.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	322.7484	324.5432	332.0878	310.1397	26417.27	19440.49	15648.92
SDev	4.7799	5.7762	5.7023	3.7094	403.70	92.31	187.08
%RSD	1.480985	1.779797	1.717093	1.196048	1.528182	.4748509	1.195514
#1	319.3686	320.4588	328.0557	307.5168	26131.81	19375.22	15516.63
#2	326.1283	328.6276	336.1199	312.7627	26702.73	19505.77	15781.21

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	224.3453	1129.316	32044.58	311.6369	1070.279	525.9806	1066.958
SDev	3.3545	17.977	147.66	3.8685	15.745	5.4982	17.377
%RSD	1.495228	1.591865	.4607902	1.241335	1.471140	1.045333	1.628627
#1	221.9734	1116.605	31940.17	308.9015	1059.145	522.0928	1054.671
#2	226.7173	1142.028	32148.99	314.3723	1081.412	529.8685	1079.245

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1044.035	1063.143	1073.840	520.9944	535.9669	325.7421	331.6932
SDev	11.504	4.094	21.562	5.3046	5.8858	5.3573	7.1901
%RSD	1.101907	.3850766	2.007959	1.018167	1.098167	1.644636	2.167702
#1	1035.900	1060.248	1058.593	517.2435	531.8051	321.9539	326.6090
#2	1052.170	1066.038	1089.087	524.7453	540.1289	329.5302	336.7773

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1076.302	1126.500	-.801491	1103.666
SDev	21.142	17.497	.002283	10.442
%RSD	1.964309	1.553249	.2848875	.9461586
#1	1061.353	1114.128	-.803105	1096.282
#2	1091.252	1138.873	-.799876	1111.050

Method: STL3 Sample Name: 220-8084-F-1-A Operator: NP
Run Time: 02/18/09 16:23:54
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0652404	323.6522	34.54733	51.59386	80.07873	-.355605	68868.38
SDev	.1051180	1.0018	4.37993	.28636	.34011	.023911	565.13
%RSD	161.1240	.3095341	12.67807	.5550296	.4247257	6.723993	.8205986
#1	-.009089	324.3605	31.45025	51.39137	79.83823	-.372513	68468.77
#2	.1395701	322.9438	37.64441	51.79635	80.31923	-.338698	69267.99

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.192830	-.115009	-.966389	-.427969	93.80385	54505.19	19306.65
SDev	.319140	.415506	.278125	.100681	8.44692	9.89	146.73
%RSD	165.5035	361.2823	28.77984	23.52519	9.004880	.0181473	.7600053
#1	-.418496	.1787984	-.769725	-.356777	99.77673	54498.19	19202.90
#2	.0328363	-.408816	-1.16305	-.499161	87.83097	54512.18	19410.40

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.90262	128.5537	H175006.8	.3081160	-.130157	2.254267	24.18293
SDev	.34158	.3384	163.6	.3549020	.441698	.523355	.89094
%RSD	.5345357	.2632316	.0934671	115.1846	339.3572	23.21618	3.684169
#1	63.66109	128.3144	H175122.4	.0571623	.1821704	1.884199	24.81292
#2	64.14416	128.7930	H174891.1	.5590696	-.442485	2.624335	23.55294

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.02878	.9960063	-.693144	1.851576	3.059844	7.455393	1.941606
SDev	2.64950	.8100347	.257877	.250078	1.070728	.269569	.230266
%RSD	130.5958	81.32827	37.20386	13.50624	34.99291	3.615757	11.85955
#1	-3.90226	1.568787	-.510798	1.674744	2.302725	7.646007	1.778783
#2	-.155300	.4232253	-.875491	2.028408	3.816963	7.264779	2.104428

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2062.937	L-11.3742	1043.205	3.031933
SDev	13.952	2.5002	2.517	2.802406
%RSD	.6763205	21.98121	.2412836	92.42968
#1	2053.072	-9.60628	1041.425	5.013533
#2	2072.803	L-13.1421	1044.985	1.050333

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 02/18/09 16:29:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.70102	4835.796	533.7222	493.2790	486.3329	518.4766	20255.28
SDev	.45416	29.145	3.1504	2.0314	2.7209	2.9191	101.98
%RSD	.8457162	.6026862	.5902756	.4118244	.5594768	.5630153	.5034503
#1	53.37988	4815.188	535.9499	491.8425	484.4089	516.4125	20183.18
#2	54.02216	4856.404	531.4945	494.7154	488.2569	520.5407	20327.39

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	522.5044	531.4021	535.4298	484.2477	5228.397	18814.55	19084.48
SDev	.9790	2.4387	1.6807	.8567	3.740	110.45	60.51
%RSD	.1873760	.4589112	.3138924	.1769123	.0715311	.5870286	.3170428
#1	521.8121	529.6777	534.2414	483.6420	5231.042	18736.45	19041.69
#2	523.1967	533.1265	536.6182	484.8535	5225.752	18892.65	19127.26

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	538.7046	529.5138	21232.06	500.5127	517.5011	501.0341	493.8369
SDev	.8697	7.2967	167.17	3.7042	2.0682	3.7443	4.5892
%RSD	.1614399	1.377992	.7873664	.7400718	.3996498	.7473125	.9292952
#1	538.0897	524.3543	21113.85	497.8935	516.0387	498.3865	490.5918
#2	539.3196	534.6733	21350.27	503.1320	518.9636	503.6817	497.0819

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	495.5644	509.5510	521.4694	496.8415	509.4308	517.0801	541.1473
SDev	.2039	.3419	2.9302	1.4820	8.2757	1.4948	4.8326
%RSD	.0411497	.0671069	.5619029	.2982830	1.624492	.2890913	.8930314
#1	495.7086	509.3092	519.3974	495.7936	503.5790	516.0231	537.7302
#2	495.4202	509.7928	523.5413	497.8895	515.2826	518.1371	544.5645

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	540.8897	505.6645	511.5892	510.1350
SDev	1.2413	7.0407	1.7303	1.5695
%RSD	.2294962	1.392363	.3382132	.3076716
#1	540.0120	500.6859	510.3657	509.0252
#2	541.7675	510.6430	512.8127	511.2449

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 02/18/09 16:35:28
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.007687	9.527132	-1.80844	1.681695	.0221509	-.364192	2.326039
SDev	.077103	.284216	2.03053	.210309	.0134255	.061152	1.809236
%RSD	1003.023	2.983228	112.2805	12.50579	60.60916	16.79129	77.78187
#1	-.062207	9.326160	-3.24425	1.830406	.0126577	-.407433	1.046715
#2	.0468330	9.728103	-.372643	1.532983	.0316442	-.320950	3.605362

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1187180	-.147243	-.794769	-1.47606	1.941884	32.63791	.1628305
SDev	.0065125	.208613	.266841	.09007	5.173560	3.29693	.6952708
%RSD	5.485704	141.6794	33.57470	6.102009	266.4196	10.10154	426.9905
#1	.1233231	-.294755	-.983454	-1.53975	-1.71638	30.30663	-.328800
#2	.1141130	.0002686	-.606083	-1.41238	5.600143	34.96919	.6544613

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.168328	1.495506	21.26808	-1.00087	.2286312	-.273998	6.421575
SDev	.020605	1.903468	2.66677	.84399	.7543435	2.386086	1.625975
%RSD	12.24079	127.2792	12.53882	84.32575	329.9390	870.8412	25.32050
#1	-.153758	2.841461	23.15377	-1.59766	.7620326	1.413220	7.571313
#2	-.182897	.1495506	19.38239	-.404077	-.304770	-1.96121	5.271837

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.35292	-1.18776	.9351157	-1.66170	2.504568	.3147583	-.110391
SDev	2.72476	2.82262	.2783135	3.79377	.433501	1.099667	.000837
%RSD	81.26525	237.6419	29.76247	228.3066	17.30842	349.3687	.7585816
#1	-5.27961	.8081310	.7383183	1.020900	2.198036	-.462824	-.110983
#2	-1.42622	-3.18365	1.131913	-4.34429	2.811100	1.092340	-.109799

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-13.8719	2.893161	.0112155	.3013777
SDev	.9036	3.369249	.0080030	.2555354
%RSD	6.513877	116.4556	71.35723	84.78907
#1	-13.2330	5.275580	.0168744	.4820685
#2	-14.5109	.5107427	.0055565	.1206869

Method: STL3 Sample Name: 220-8033-A-10-A Operator: NP
Run Time: 02/18/09 16:41:14
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1805467	455.8191	-.233580	279.9990	62.78203	-.450548	49939.41
SDev	.4364801	.2965	1.750245	1.1786	.02685	.073459	451.49
%RSD	241.7546	.0650473	749.3124	.4209343	.0427669	16.30428	.9040710
#1	.4891847	456.0288	1.004030	279.1656	62.80101	-.398605	49620.16
#2	-.128091	455.6094	-1.47119	280.8324	62.76304	-.502492	50258.66

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.011682	1.355778	-.004170	.5125928	1410.457	6799.160	25298.37
SDev	.070376	.454617	.231255	.0447932	.575	37.915	47.53
%RSD	602.4425	33.53180	5546.261	8.738559	.0407760	.5576395	.1878647
#1	.0380818	1.034315	-.167692	.5442665	1410.863	6772.351	25264.76
#2	-.061445	1.677240	.1593525	.4809193	1410.050	6825.970	25331.97

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1174.093	1.106674	H131042.4	2.227008	1.800904	-1.51374	.9622703
SDev	1.242	.422993	72.7	.486937	.307566	.82693	.7245290
%RSD	.1057995	38.22200	.0554778	21.86507	17.07839	54.62852	75.29371
#1	1173.214	.8075731	H131093.8	1.882692	2.018386	-2.09847	1.474590
#2	1174.971	1.405776	H130990.9	2.571325	1.583423	-.929010	.4499510

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.84662	4.125719	.6394405	-1.92229	-.696012	1.164277	5.287167
SDev	3.55756	.591734	.1656943	.78989	4.066001	.319085	.230276
%RSD	92.48531	14.34258	25.91238	41.09098	584.1851	27.40624	4.355374
#1	-1.33105	4.544138	.7566041	-1.36376	-3.57111	1.389904	5.124337
#2	-6.36219	3.707299	.5222770	-2.48083	2.179084	.9386504	5.449997

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9952.645	-4.09363	181.5592	39.95960
SDev	12.067	4.57181	.3609	.41251
%RSD	.1212450	111.6811	.1987669	1.032326
#1	9944.112	-.860870	181.3040	39.66790
#2	9961.178	-7.32638	181.8143	40.25129

Method: STL3 Sample Name: 220-8056-A-1-A Operator: NP
Run Time: 02/18/09 16:46:59
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0473720	331.7729	9.428154	82.01720	33.95419	-.534605	46112.14
SDev	.0178828	7.0352	1.032768	.07583	.30431	.036574	604.12
%RSD	37.74975	2.120474	10.95409	.0924619	.8962359	6.841279	1.310112
#1	.0347269	326.7983	8.697877	81.96357	33.73901	-.508743	45684.96
#2	.0600170	336.7476	10.15843	82.07082	34.16937	-.560467	46539.32

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.71239	4.623270	-.037285	1115.673	390.4603	4056.417	15903.87
SDev	.27370	.451784	.154358	6.629	.5801	13.187	140.54
%RSD	1.321436	9.771956	413.9969	.5941274	.1485771	.3251015	.8836986
#1	20.51886	4.303811	.0718626	1110.986	390.8705	4047.092	15804.50
#2	20.90593	4.942730	-.146432	1120.361	390.0501	4065.742	16003.25

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1158.223	1.660012	55474.52	13.65464	13.93970	.1495370	3.297976
SDev	11.201	.063449	190.94	.01007	.30394	.2969697	1.265189
%RSD	.9670604	3.822200	.3441908	.0737779	2.180383	198.5928	38.36260
#1	1150.303	1.704877	55339.50	13.66177	14.15461	-.060452	2.403353
#2	1166.143	1.615147	55609.53	13.64752	13.72478	.3595263	4.192601

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.06200	14.97661	13.42112	-.987867	2.426659	2.015469	11175.41
SDev	.84582	2.73281	.90868	.137388	1.166848	.496799	170.09
%RSD	13.95290	18.24720	6.770494	13.90754	48.08454	24.64929	1.522004
#1	-6.66008	16.90900	12.77859	-.890719	1.601573	1.664179	11055.14
#2	-5.46391	13.04422	14.06365	-1.08501	3.251745	2.366759	11295.69

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1152.648	-2.44278	321.2517	14.21066
SDev	5.143	.24201	1.5086	1.16761
%RSD	.4461608	9.907248	.4696143	8.216440
#1	1149.012	-2.61391	320.1849	13.38504
#2	1156.285	-2.27165	322.3185	15.03629

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 02/18/09 16:52:43
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.65138	4788.955	525.3855	483.2800	481.5831	500.9151	19538.05
SDev	.16693	13.620	4.1156	3.2422	3.0297	5.0898	222.86
%RSD	.3170551	.2844136	.7833453	.6708757	.6291163	1.016108	1.140668
#1	52.53334	4779.324	522.4753	480.9874	479.4408	497.3160	19380.46
#2	52.76942	4798.586	528.2957	485.5726	483.7254	504.5141	19695.64

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.1101	518.8888	519.1461	479.7298	5094.621	18834.36	18769.70
SDev	1.7207	3.1942	5.1453	.9796	37.479	3.30	116.62
%RSD	.3379824	.6155919	.9911079	.2041911	.7356597	.0175032	.6213214
#1	507.8934	516.6301	515.5078	479.0371	5068.120	18832.03	18687.23
#2	510.3268	521.1475	522.7844	480.4225	5121.123	18836.69	18852.16

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	526.6331	517.5647	21342.07	486.4285	506.5587	491.6634	480.1283
SDev	3.7373	6.9371	14.01	5.6089	2.6320	1.8222	6.0425
%RSD	.7096509	1.340327	.0656559	1.153088	.5195828	.3706261	1.258517
#1	523.9904	512.6595	21351.97	482.4624	504.6976	490.3748	475.8556
#2	529.2757	522.4700	21332.16	490.3947	508.4198	492.9519	484.4010

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	485.6691	500.5156	509.5751	487.2958	500.4106	503.8144	521.0688
SDev	5.7404	3.6584	2.1196	.3473	6.1678	2.9585	6.3692
%RSD	1.181954	.7309274	.4159574	.0712611	1.232541	.5872172	1.222331
#1	481.6101	497.9287	508.0763	487.5414	496.0493	501.7224	516.5651
#2	489.7282	503.1025	511.0739	487.0503	504.7718	505.9064	525.5725

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	535.3066	491.3589	507.2225	502.3374
SDev	3.3024	9.6892	1.2179	2.0689
%RSD	.6169160	1.971925	.2401174	.4118470
#1	532.9715	484.5076	506.3613	500.8745
#2	537.6418	498.2102	508.0837	503.8003

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 02/18/09 16:58:27
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0117545	28.58589	-2.76019	.8335218	.0221509	-.563734	-.232604
SDev	.0607186	.10476	.06250	.1139118	.0134255	.049092	.164476
%RSD	516.5549	.3664847	2.264397	13.66633	60.60916	8.708287	70.71077
#1	-.031180	28.51181	-2.80438	.7529740	.0316442	-.529021	-.116302
#2	.0546891	28.65997	-2.71599	.9140696	.0126577	-.598447	-.348907

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.034140	-.298769	-.712666	-1.50730	11.61444	13.98769	.4906001
SDev	.021368	.122548	.011618	.29042	1.92429	3.29688	1.622541
%RSD	62.58947	41.01767	1.630203	19.26750	16.56806	23.56988	330.7258
#1	-.049249	-.212115	-.704451	-1.71266	10.25377	11.65644	1.637910
#2	-.019030	-.385424	-.720881	-1.30195	12.97512	16.31894	-.656710

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.175586	.8823484	16.56932	-.833193	.9995523	-2.12563	7.169034
SDev	.010338	.7825370	1.96729	.281082	.6852754	1.18037	1.918665
%RSD	5.887487	88.68798	11.87308	33.73551	68.55823	55.53055	26.76324
#1	-.182896	1.435686	17.96040	-1.03195	.5149894	-2.96028	8.525735
#2	-.168276	.3290112	15.17823	-.634438	1.484115	-1.29098	5.812332

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.48315	-.576388	1.785741	-4.33062	2.289883	.9943769	-.545120
SDev	1.39511	.317710	.868783	3.52476	3.515578	.1575156	.307105
%RSD	31.11888	55.12083	48.65109	81.39147	153.5265	15.84063	56.33712
#1	-3.49666	-.801043	1.171419	-6.82300	4.775773	1.105757	-.762276
#2	-5.46963	-.351733	2.400063	-1.83824	-.196006	.8829966	-.327964

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-12.5162	2.063728	.0169013	.2306178
SDev	2.6143	2.737568	.0079685	.2147264
%RSD	20.88762	132.6516	47.14724	93.10920
#1	-10.6676	3.999481	.0112667	.3824523
#2	-14.3648	.1279747	.0225359	.0787833

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 24514

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 2/20/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Analysis Begun

Start Time: 2/20/2009 1:41:29 PM
Logged In Analyst: ctmetals
Plasma On Time: 2/20/2009 11:42:32 AM
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N3101802Autosampler Model: AS-93plus

Sample Information File: C:\pe\4300cycloneAT\Sample Information\022009.sif
Batch ID:
Results Data Set: 022009d
Results Library: C:\PE\4300cycloneAT\2007 Results\Results.mdb

Method Loaded
Method Name: TA2
IEC File: ta6.iec
Method Description: TA2
Method Last Saved: 2/20/2009 1:28:03 PM
MSF File:

Sequence No.: 1
Sample ID: STD1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 2/20/2009 1:41:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: STD1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	238333.6	1169.38	0.49%	1.000	mg/L
Y (radial)	20699.6	151.02	0.73%	1.000	mg/L
Ag 328.068†	-332.7	39.77	11.95%	[0.00]	ug/L
Al 396.153†	155.3	25.56	16.45%	[0.00]	ug/L
As 188.979†	-9.9	5.68	57.18%	[0.00]	ug/L
B 249.677†	360.3	0.36	0.10%	[0.00]	ug/L
Ba 233.527†	-48.5	0.65	1.35%	[0.00]	ug/L
Be 313.107†	-4430.4	77.06	1.74%	[0.00]	ug/L
Ca 317.933†	329.6	11.58	3.51%	[0.00]	ug/L
Cd 214.440†	53.5	4.44	8.30%	[0.00]	ug/L
Co 228.616†	-63.9	5.38	8.43%	[0.00]	ug/L
Cr 267.716†	74.7	2.07	2.77%	[0.00]	ug/L
Cu 224.700†	59.3	2.86	4.82%	[0.00]	ug/L
Fe 238.204†	15.0	0.11	0.72%	[0.00]	ug/L
K 766.490†	506.7	86.01	16.97%	[0.00]	ug/L
Mg 285.213†	45.5	6.43	14.11%	[0.00]	ug/L
Mn 257.610†	19.5	22.65	115.93%	[0.00]	ug/L
Mo 202.031†	7.7	3.04	39.71%	[0.00]	ug/L
Na 589.592†	1178.9	36.18	3.07%	[0.00]	ug/L
Ni 231.604†	-6.3	2.93	46.63%	[0.00]	ug/L
Pb 220.353†	16.7	3.92	23.49%	[0.00]	ug/L
Sb 206.836†	22.5	4.45	19.78%	[0.00]	ug/L
Se 196.026†	3.2	0.30	9.37%	[0.00]	ug/L
V 311.071†	1612.0	73.03	4.53%	[0.00]	ug/L
Sn 189.927†	-8.7	1.82	20.98%	[0.00]	ug/L
Sr 421.552†	299.0	5.36	1.79%	[0.00]	ug/L
Tl 190.801†	-8.0	0.01	0.18%	[0.00]	ug/L
Zn 206.200†	-2.0	4.26	215.94%	[0.00]	ug/L
Ti 334.940†	-339.8	9.79	2.88%	[0.00]	ug/L

Sequence No.: 2
Sample ID: STD2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 2/20/2009 1:44:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: STD2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	229211.2	736.61	0.32%	0.962	mg/L
Y (radial)	20369.5	85.31	0.42%	0.984	mg/L
Ag 328.068†	13101.5	38.64	0.29%	[100]	ug/L
Al 396.153†	82102.9	848.68	1.03%	[11000]	ug/L
As 188.979†	923.7	2.86	0.31%	[1000]	ug/L
B 249.677†	12901.3	27.44	0.21%	[1000]	ug/L
Ba 233.527†	51754.4	290.72	0.56%	[1000]	ug/L
Be 313.107†	1050005.7	5369.31	0.51%	[1000]	ug/L
Ca 317.933†	194852.1	623.40	0.32%	[50000]	ug/L
Cd 214.440†	28727.3	329.79	1.15%	[1000]	ug/L
Co 228.616†	13224.9	37.58	0.28%	[1000]	ug/L
Cr 267.716†	22806.8	122.10	0.54%	[1000]	ug/L
Cu 224.700†	5136.7	39.13	0.76%	[1000]	ug/L
Fe 238.204†	2376.9	2.87	0.12%	[11000]	ug/L
K 766.490†	404419.1	3342.06	0.83%	[50000]	ug/L
Mg 285.213†	279729.4	1884.79	0.67%	[50000]	ug/L
Mn 257.610†	316529.9	1129.51	0.36%	[1000]	ug/L
Mo 202.031†	4031.4	16.43	0.41%	[1000]	ug/L
Na 589.592†	893230.1	3776.48	0.42%	[50000]	ug/L
Ni 231.604†	6613.7	22.01	0.33%	[1000]	ug/L
Pb 220.353†	1512.2	15.14	1.00%	[1000]	ug/L
Sb 206.836†	1440.5	3.17	0.22%	[1000]	ug/L
Se 196.026†	484.4	4.32	0.89%	[1000]	ug/L
V 311.071†	179475.3	111.06	0.06%	[1000]	ug/L
Sn 189.927†	1455.7	5.84	0.40%	[1000]	ug/L
Sr 421.552†	709367.4	6018.28	0.85%	[1000]	ug/L
Tl 190.801†	835.8	0.34	0.04%	[1000]	ug/L
Zn 206.200†	6892.5	10.80	0.16%	[1000]	ug/L
Ti 334.940†	538286.1	2640.95	0.49%	[1000]	ug/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin, Calc Int	0.0	131.0	0.00000	1.000000	
Al 396.153	1	Lin, Calc Int	0.0	7.464	0.00000	1.000000	
As 188.979	1	Lin, Calc Int	0.0	0.9237	0.00000	1.000000	
B 249.677	1	Lin, Calc Int	-0.0	12.90	0.00000	1.000000	
Ba 233.527	1	Lin, Calc Int	0.0	51.75	0.00000	1.000000	
Be 313.107	1	Lin, Calc Int	0.0	1050	0.00000	1.000000	
Ca 317.933	1	Lin, Calc Int	0.0	3.897	0.00000	1.000000	
Cd 214.440	1	Lin, Calc Int	0.0	28.73	0.00000	1.000000	
Co 228.616	1	Lin, Calc Int	0.0	13.22	0.00000	1.000000	
Cr 267.716	1	Lin, Calc Int	0.0	22.81	0.00000	1.000000	
Cu 224.700	1	Lin, Calc Int	-0.0	5.137	0.00000	1.000000	
Fe 238.204	1	Lin, Calc Int	0.0	0.2161	0.00000	1.000000	
K 766.490	1	Lin, Calc Int	0.0	8.088	0.00000	1.000000	
Mg 285.213	1	Lin, Calc Int	0.0	5.595	0.00000	1.000000	
Mn 257.610	1	Lin, Calc Int	0.0	316.5	0.00000	1.000000	
Mo 202.031	1	Lin, Calc Int	-0.0	4.031	0.00000	1.000000	
Na 589.592	1	Lin, Calc Int	0.0	17.86	0.00000	1.000000	
Ni 231.604	1	Lin, Calc Int	0.0	6.614	0.00000	1.000000	
Pb 220.353	1	Lin, Calc Int	0.0	1.512	0.00000	1.000000	
Sb 206.836	1	Lin, Calc Int	0.0	1.441	0.00000	1.000000	
Se 196.026	1	Lin, Calc Int	0.0	0.4844	0.00000	1.000000	
V 311.071	1	Lin, Calc Int	0.0	179.5	0.00000	1.000000	
Sn 189.927	1	Lin, Calc Int	0.0	1.456	0.00000	1.000000	
Sr 421.552	1	Lin, Calc Int	0.0	709.4	0.00000	1.000000	
Tl 190.801	1	Lin, Calc Int	-0.0	0.8358	0.00000	1.000000	

Zn 206.200	1	Lin, Calc Int	0.0	6.892	0.00000	1.000000
Ti 334.940	1	Lin, Calc Int	0.0	538.3	0.00000	1.000000

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 2/20/2009 1:48:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	227346.0	0.954	mg/L	0.0005				0.05%
Y (radial)	20534.2	0.992	mg/L	0.0012				0.12%
Ag 328.068†	12798.4	98.40	ug/L	0.211	98.40	ug/L	0.211	0.21%
QC value within limits for Ag 328.068 Recovery = 98.40%								
Al 396.153†	71915.2	9603	ug/L	88.7	9603	ug/L	88.7	0.92%
QC value within limits for Al 396.153 Recovery = 96.03%								
As 188.979†	938.7	1018	ug/L	0.8	1018	ug/L	0.8	0.07%
QC value within limits for As 188.979 Recovery = 101.81%								
B 249.677†	12797.2	1004	ug/L	4.0	1004	ug/L	4.0	0.40%
QC value within limits for B 249.677 Recovery = 100.41%								
Ba 233.527†	50911.2	985.8	ug/L	1.83	985.8	ug/L	1.83	0.19%
QC value within limits for Ba 233.527 Recovery = 98.58%								
Be 313.107†	1019328.8	974.4	ug/L	7.11	974.4	ug/L	7.11	0.73%
QC value within limits for Be 313.107 Recovery = 97.44%								
Ca 317.933†	95332.9	24460	ug/L	50.3	24460	ug/L	50.3	0.21%
QC value within limits for Ca 317.933 Recovery = 97.85%								
Cd 214.440†	28726.1	999.2	ug/L	0.14	999.2	ug/L	0.14	0.01%
QC value within limits for Cd 214.440 Recovery = 99.92%								
Co 228.616†	13338.2	1007	ug/L	0.6	1007	ug/L	0.6	0.06%
QC value within limits for Co 228.616 Recovery = 100.66%								
Cr 267.716†	22603.4	992.1	ug/L	0.03	992.1	ug/L	0.03	0.00%
QC value within limits for Cr 267.716 Recovery = 99.21%								
Cu 224.700†	5140.7	992.0	ug/L	2.07	992.0	ug/L	2.07	0.21%
QC value within limits for Cu 224.700 Recovery = 99.20%								
Fe 238.204†	2129.5	9855	ug/L	2.0	9855	ug/L	2.0	0.02%
QC value within limits for Fe 238.204 Recovery = 98.55%								
K 766.490†	381941.8	47220	ug/L	567.2	47220	ug/L	567.2	1.20%
QC value within limits for K 766.490 Recovery = 94.44%								
Mg 285.213†	136614.1	24420	ug/L	204.7	24420	ug/L	204.7	0.84%
QC value within limits for Mg 285.213 Recovery = 97.68%								
Mn 257.610†	315075.8	995.4	ug/L	1.18	995.4	ug/L	1.18	0.12%
QC value within limits for Mn 257.610 Recovery = 99.54%								
Mo 202.031†	4063.0	1008	ug/L	0.1	1008	ug/L	0.1	0.01%
QC value within limits for Mo 202.031 Recovery = 100.78%								
Na 589.592†	849988.5	47580	ug/L	591.3	47580	ug/L	591.3	1.24%
QC value within limits for Na 589.592 Recovery = 95.16%								
Ni 231.604†	6641.2	1004	ug/L	0.4	1004	ug/L	0.4	0.04%
QC value within limits for Ni 231.604 Recovery = 100.42%								
Pb 220.353†	1509.8	1003	ug/L	8.9	1003	ug/L	8.9	0.88%
QC value within limits for Pb 220.353 Recovery = 100.34%								
Sb 206.836†	1418.6	984.0	ug/L	3.76	984.0	ug/L	3.76	0.38%
QC value within limits for Sb 206.836 Recovery = 98.40%								
Se 196.026†	475.9	1002	ug/L	0.9	1002	ug/L	0.9	0.09%
QC value within limits for Se 196.026 Recovery = 100.15%								
V 311.071†	171428.9	943.1	ug/L	2.82	943.1	ug/L	2.82	0.30%
QC value within limits for V 311.071 Recovery = 94.31%								
Sn 189.927†	1548.0	1071	ug/L	9.4	1071	ug/L	9.4	0.88%
QC value within limits for Sn 189.927 Recovery = 107.10%								
Sr 421.552†	685930.6	967.0	ug/L	8.86	967.0	ug/L	8.86	0.92%
QC value within limits for Sr 421.552 Recovery = 96.70%								
Tl 190.801†	823.1	980.1	ug/L	16.41	980.1	ug/L	16.41	1.67%
QC value within limits for Tl 190.801 Recovery = 98.01%								
Zn 206.200†	6980.2	1020	ug/L	1.9	1020	ug/L	1.9	0.19%
QC value within limits for Zn 206.200 Recovery = 102.03%								
Ti 334.940†	524534.2	974.5	ug/L	10.48	974.5	ug/L	10.48	1.08%
QC value within limits for Ti 334.940 Recovery = 97.45%								

All analyte(s) passed QC.

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/20/2009 1:51:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	243386.2	1.021	mg/L	0.0014				0.14%
Y (radial)	21017.7	1.015	mg/L	0.0034				0.34%
Ag 328.068†	28.7	0.219	ug/L	0.0876	0.219	ug/L	0.0876	40.05%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-27.0	-3.652	ug/L	1.5879	-3.652	ug/L	1.5879	43.48%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	3.5	3.793	ug/L	1.1834	3.793	ug/L	1.1834	31.20%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677†	176.5	13.70	ug/L	0.877	13.70	ug/L	0.877	6.40%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527†	10.4	0.199	ug/L	0.1159	0.199	ug/L	0.1159	58.21%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	45.6	0.044	ug/L	0.1241	0.044	ug/L	0.1241	284.87%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-9.4	-2.408	ug/L	0.7831	-2.408	ug/L	0.7831	32.52%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	23.3	0.811	ug/L	0.0269	0.811	ug/L	0.0269	3.31%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	1.1	0.082	ug/L	0.1092	0.082	ug/L	0.1092	132.86%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	7.4	0.325	ug/L	0.0696	0.325	ug/L	0.0696	21.42%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 224.700†	16.9	3.288	ug/L	0.8394	3.288	ug/L	0.8394	25.53%
QC value within limits for Cu 224.700 Recovery = Not calculated								
Fe 238.204†	2.9	13.39	ug/L	8.723	13.39	ug/L	8.723	65.14%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	67.0	8.286	ug/L	11.3769	8.286	ug/L	11.3769	137.31%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	-6.3	-1.133	ug/L	1.3540	-1.133	ug/L	1.3540	119.47%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	21.6	0.068	ug/L	0.0668	0.068	ug/L	0.0668	97.75%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	5.1	1.275	ug/L	0.4469	1.275	ug/L	0.4469	35.04%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	116.5	6.520	ug/L	2.0059	6.520	ug/L	2.0059	30.76%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-3.4	-0.516	ug/L	1.0854	-0.516	ug/L	1.0854	210.53%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-7.6	-4.992	ug/L	1.6743	-4.992	ug/L	1.6743	33.54%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-7.4	-5.153	ug/L	1.8294	-5.153	ug/L	1.8294	35.50%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	1.6	3.296	ug/L	4.7054	3.296	ug/L	4.7054	142.75%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-90.0	-0.504	ug/L	0.1269	-0.504	ug/L	0.1269	25.18%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	1.1	0.762	ug/L	4.7256	0.762	ug/L	4.7256	620.45%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	14.9	0.021	ug/L	0.1454	0.021	ug/L	0.1454	690.50%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-1.6	-1.926	ug/L	0.4211	-1.926	ug/L	0.4211	21.86%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	8.3	1.205	ug/L	0.0040	1.205	ug/L	0.0040	0.33%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	20.5	0.038	ug/L	0.0340	0.038	ug/L	0.0340	89.27%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 5
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 2/20/2009 1:54:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	243066.6	1.020	mg/L	0.0069				0.68%
Y (radial)	21153.7	1.022	mg/L	0.0180				1.76%
Ag 328.068†	1278.4	9.765	ug/L	0.1249	9.765	ug/L	0.1249	1.28%
QC value within limits for Ag 328.068 Recovery = 97.65%								
Al 396.153†	2980.0	398.3	ug/L	6.94	398.3	ug/L	6.94	1.74%
QC value within limits for Al 396.153 Recovery = 99.57%								
As 188.979†	20.0	21.57	ug/L	0.094	21.57	ug/L	0.094	0.44%
QC value within limits for As 188.979 Recovery = 107.86%								
B 249.677†	422.9	33.07	ug/L	1.167	33.07	ug/L	1.167	3.53%
QC value within limits for B 249.677 Recovery = 110.22%								
Ba 233.527†	553.2	10.71	ug/L	0.093	10.71	ug/L	0.093	0.87%
QC value within limits for Ba 233.527 Recovery = 107.09%								
Be 313.107†	10403.6	10.02	ug/L	0.013	10.02	ug/L	0.013	0.13%
QC value within limits for Be 313.107 Recovery = 100.18%								
Ca 317.933†	1802.6	462.6	ug/L	11.01	462.6	ug/L	11.01	2.38%
QC value within limits for Ca 317.933 Recovery = 92.51%								
Cd 214.440†	306.6	10.66	ug/L	0.196	10.66	ug/L	0.196	1.84%
QC value within limits for Cd 214.440 Recovery = 106.55%								
Co 228.616†	130.9	9.841	ug/L	0.3206	9.841	ug/L	0.3206	3.26%
QC value within limits for Co 228.616 Recovery = 98.41%								
Cr 267.716†	242.1	10.63	ug/L	0.295	10.63	ug/L	0.295	2.78%
QC value within limits for Cr 267.716 Recovery = 106.27%								
Cu 224.700†	56.9	10.88	ug/L	1.185	10.88	ug/L	1.185	10.89%
QC value within limits for Cu 224.700 Recovery = 108.78%								
Fe 238.204†	46.2	213.9	ug/L	7.47	213.9	ug/L	7.47	3.49%
QC value within limits for Fe 238.204 Recovery = 101.86%								
K 766.490†	2793.3	345.3	ug/L	9.74	345.3	ug/L	9.74	2.82%
QC value less than the lower limit for K 766.490 Recovery = 69.07%								
Mg 285.213†	2662.0	475.8	ug/L	7.12	475.8	ug/L	7.12	1.50%
QC value within limits for Mg 285.213 Recovery = 95.16%								
Mn 257.610†	3283.3	10.37	ug/L	0.059	10.37	ug/L	0.059	0.56%
QC value within limits for Mn 257.610 Recovery = 103.73%								
Mo 202.031†	121.8	30.22	ug/L	0.137	30.22	ug/L	0.137	0.45%
QC value within limits for Mo 202.031 Recovery = 100.73%								
Na 589.592†	7594.8	425.1	ug/L	13.54	425.1	ug/L	13.54	3.18%
QC value within limits for Na 589.592 Recovery = 85.03%								
Ni 231.604†	58.3	8.809	ug/L	0.7027	8.809	ug/L	0.7027	7.98%
QC value within limits for Ni 231.604 Recovery = 88.09%								
Pb 220.353†	15.2	10.17	ug/L	2.104	10.17	ug/L	2.104	20.69%
QC value within limits for Pb 220.353 Recovery = 101.68%								
Sb 206.836†	33.3	23.31	ug/L	6.879	23.31	ug/L	6.879	29.51%
QC value within limits for Sb 206.836 Recovery = 77.70%								
Se 196.026†	18.8	39.24	ug/L	2.205	39.24	ug/L	2.205	5.62%
QC value greater than the upper limit for Se 196.026 Recovery = 130.81%								
V 311.071†	1736.9	9.309	ug/L	0.1570	9.309	ug/L	0.1570	1.69%
QC value within limits for V 311.071 Recovery = 93.09%								
Sn 189.927†	48.2	33.31	ug/L	1.189	33.31	ug/L	1.189	3.57%
QC value within limits for Sn 189.927 Recovery = 111.02%								
Sr 421.552†	7068.9	9.965	ug/L	0.1528	9.965	ug/L	0.1528	1.53%
QC value within limits for Sr 421.552 Recovery = 99.65%								
Tl 190.801†	22.1	26.52	ug/L	1.066	26.52	ug/L	1.066	4.02%
QC value within limits for Tl 190.801 Recovery = 88.40%								
Zn 206.200†	215.9	31.41	ug/L	0.459	31.41	ug/L	0.459	1.46%
QC value within limits for Zn 206.200 Recovery = 104.69%								
Ti 334.940†	16081.7	29.88	ug/L	0.011	29.88	ug/L	0.011	0.04%
QC value within limits for Ti 334.940 Recovery = 99.59%								

QC Failed. Continue with analysis.

Sequence No.: 6
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 2/20/2009 1:57:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	202407.8	0.849	mg/L	0.0018				0.21%
Y (radial)	19142.8	0.925	mg/L	0.0111				1.20%
Ag 328.068†	-877.1	-6.688	ug/L	0.1462	-6.688	ug/L	0.1462	2.19%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	4054487.6	543200	ug/L	9312.7	543200	ug/L	9312.7	1.71%
QC value within limits for Al 396.153 Recovery = 108.64%								
As 188.979†	3.7	32.08	ug/L	8.185	32.08	ug/L	8.185	25.51%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677†	-4890.3	-85.55	ug/L	2.477	-85.55	ug/L	2.477	2.90%
QC value less than the lower limit for B 249.677 Recovery = Not calculated								
Ba 233.527†	279.7	5.424	ug/L	0.1581	5.424	ug/L	0.1581	2.91%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-741.6	-0.705	ug/L	0.1283	-0.705	ug/L	0.1283	18.19%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	2019971.0	518300	ug/L	11712.0	518300	ug/L	11712.0	2.26%
QC value within limits for Ca 317.933 Recovery = 103.67%								
Cd 214.440†	328.4	-3.682	ug/L	0.4826	-3.682	ug/L	0.4826	13.11%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	32.7	2.472	ug/L	0.2637	2.472	ug/L	0.2637	10.67%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-68.7	-3.000	ug/L	0.0941	-3.000	ug/L	0.0941	3.14%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 224.700†	922.2	31.50	ug/L	2.625	31.50	ug/L	2.625	8.33%
QC value greater than the upper limit for Cu 224.700 Recovery = Not calculated								
Fe 238.204†	43279.1	200300	ug/L	1843.0	200300	ug/L	1843.0	0.92%
QC value within limits for Fe 238.204 Recovery = 100.15%								
K 766.490†	163.9	20.26	ug/L	4.932	20.26	ug/L	4.932	24.34%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	2650767.9	473800	ug/L	9271.8	473800	ug/L	9271.8	1.96%
QC value within limits for Mg 285.213 Recovery = 94.76%								
Mn 257.610†	2069.3	6.537	ug/L	0.2444	6.537	ug/L	0.2444	3.74%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-79.2	-19.63	ug/L	0.718	-19.63	ug/L	0.718	3.66%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	491.4	27.51	ug/L	1.657	27.51	ug/L	1.657	6.02%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-23.5	-3.555	ug/L	0.9972	-3.555	ug/L	0.9972	28.05%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-54.8	34.64	ug/L	2.117	34.64	ug/L	2.117	6.11%
QC value greater than the upper limit for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-40.7	-28.42	ug/L	31.882	-28.42	ug/L	31.882	112.19%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-127.4	28.90	ug/L	16.680	28.90	ug/L	16.680	57.72%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	1617.9	3.237	ug/L	0.0786	3.237	ug/L	0.0786	2.43%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	-3.1	13.85	ug/L	8.205	13.85	ug/L	8.205	59.24%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	7669.2	10.81	ug/L	0.039	10.81	ug/L	0.039	0.36%
QC value greater than the upper limit for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	12.7	-8.138	ug/L	8.5438	-8.138	ug/L	8.5438	104.99%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	5.5	0.781	ug/L	3.1922	0.781	ug/L	3.1922	408.77%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	129.4	0.240	ug/L	0.2183	0.240	ug/L	0.2183	90.80%
QC value within limits for Ti 334.940 Recovery = Not calculated								

QC Failed. Continue with analysis.

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 2/20/2009 2:00:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	206345.6	0.866	mg/L	0.0020				0.23%
Y (radial)	19132.9	0.924	mg/L	0.0123				1.33%
Ag 328.068†	13661.9	104.6	ug/L	0.44	104.6	ug/L	0.44	0.42%
QC value within limits for Ag 328.068 Recovery = 104.64%								
Al 396.153†	4073978.8	545800	ug/L	5112.1	545800	ug/L	5112.1	0.94%
QC value within limits for Al 396.153 Recovery = 109.16%								
As 188.979†	502.1	571.7	ug/L	29.84	571.7	ug/L	29.84	5.22%
QC value within limits for As 188.979 Recovery = 114.33%								
B 249.677†	2045.1	449.2	ug/L	5.07	449.2	ug/L	5.07	1.13%
QC value within limits for B 249.677 Recovery = 89.84%								
Ba 233.527†	25273.7	489.4	ug/L	1.35	489.4	ug/L	1.35	0.27%
QC value within limits for Ba 233.527 Recovery = 97.88%								
Be 313.107†	500333.9	478.3	ug/L	3.44	478.3	ug/L	3.44	0.72%
QC value within limits for Be 313.107 Recovery = 95.67%								
Ca 317.933†	2027562.7	520300	ug/L	9121.1	520300	ug/L	9121.1	1.75%
QC value within limits for Ca 317.933 Recovery = 104.06%								
Cd 214.440†	13612.2	458.8	ug/L	2.34	458.8	ug/L	2.34	0.51%
QC value within limits for Cd 214.440 Recovery = 91.76%								
Co 228.616†	6143.7	463.6	ug/L	0.69	463.6	ug/L	0.69	0.15%
QC value within limits for Co 228.616 Recovery = 92.71%								
Cr 267.716†	10935.2	480.0	ug/L	2.40	480.0	ug/L	2.40	0.50%
QC value within limits for Cr 267.716 Recovery = 96.00%								
Cu 224.700†	3277.2	490.1	ug/L	2.34	490.1	ug/L	2.34	0.48%
QC value within limits for Cu 224.700 Recovery = 98.03%								
Fe 238.204†	43018.7	199100	ug/L	730.0	199100	ug/L	730.0	0.37%
QC value within limits for Fe 238.204 Recovery = 99.54%								
K 766.490†	322.8	39.90	ug/L	6.576	39.90	ug/L	6.576	16.48%
QC value greater than the upper limit for K 766.490 Recovery = Not calculated								
Mg 285.213†	2671875.6	477600	ug/L	3732.0	477600	ug/L	3732.0	0.78%
QC value within limits for Mg 285.213 Recovery = 95.52%								
Mn 257.610†	155305.8	490.7	ug/L	2.39	490.7	ug/L	2.39	0.49%
QC value within limits for Mn 257.610 Recovery = 98.13%								
Mo 202.031†	1895.1	470.1	ug/L	3.35	470.1	ug/L	3.35	0.71%
QC value within limits for Mo 202.031 Recovery = 94.02%								
Na 589.592†	580.7	32.50	ug/L	2.388	32.50	ug/L	2.388	7.35%
QC value greater than the upper limit for Na 589.592 Recovery = Not calculated								
Ni 231.604†	2945.1	445.3	ug/L	5.40	445.3	ug/L	5.40	1.21%
QC value within limits for Ni 231.604 Recovery = 89.06%								
Pb 220.353†	677.3	520.7	ug/L	4.86	520.7	ug/L	4.86	0.93%
QC value within limits for Pb 220.353 Recovery = 104.14%								
Sb 206.836†	719.7	499.1	ug/L	8.14	499.1	ug/L	8.14	1.63%
QC value within limits for Sb 206.836 Recovery = 99.82%								
Se 196.026†	420.2	1161	ug/L	27.5	1161	ug/L	27.5	2.37%
QC value within limits for Se 196.026 Recovery = 116.11%								
V 311.071†	86777.4	471.8	ug/L	1.66	471.8	ug/L	1.66	0.35%
QC value within limits for V 311.071 Recovery = 94.35%								
Sn 189.927†	-7.2	14.59	ug/L	11.357	14.59	ug/L	11.357	77.84%
QC value greater than the upper limit for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	361005.0	508.9	ug/L	4.42	508.9	ug/L	4.42	0.87%
QC value within limits for Sr 421.552 Recovery = 101.78%								
Tl 190.801†	398.0	451.1	ug/L	1.19	451.1	ug/L	1.19	0.26%
QC value within limits for Tl 190.801 Recovery = 90.22%								
Zn 206.200†	3063.9	448.2	ug/L	6.63	448.2	ug/L	6.63	1.48%
QC value within limits for Zn 206.200 Recovery = 89.63%								
Ti 334.940†	267883.2	497.7	ug/L	1.59	497.7	ug/L	1.59	0.32%
QC value within limits for Ti 334.940 Recovery = 99.53%								

QC Failed. Continue with analysis.

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/20/2009 2:03:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	237749.1	0.998	mg/L	0.0048				0.48%
Y (radial)	21103.0	1.019	mg/L	0.0024				0.24%
Ag 328.068†	6202.6	47.69	ug/L	0.373	47.69	ug/L	0.373	0.78%
QC value within limits for Ag 328.068 Recovery = 95.38%								
Al 396.153†	34935.2	4665	ug/L	6.4	4665	ug/L	6.4	0.14%
QC value within limits for Al 396.153 Recovery = 93.30%								
As 188.979†	456.9	495.6	ug/L	1.76	495.6	ug/L	1.76	0.35%
QC value within limits for As 188.979 Recovery = 99.12%								
B 249.677†	6104.8	479.2	ug/L	3.36	479.2	ug/L	3.36	0.70%
QC value within limits for B 249.677 Recovery = 95.84%								
Ba 233.527†	24978.2	483.7	ug/L	2.05	483.7	ug/L	2.05	0.42%
QC value within limits for Ba 233.527 Recovery = 96.73%								
Be 313.107†	503749.0	481.5	ug/L	1.58	481.5	ug/L	1.58	0.33%
QC value within limits for Be 313.107 Recovery = 96.31%								
Ca 317.933†	69573.4	17850	ug/L	138.6	17850	ug/L	138.6	0.78%
QC value within limits for Ca 317.933 Recovery = 95.22%								
Cd 214.440†	14198.7	493.9	ug/L	2.36	493.9	ug/L	2.36	0.48%
QC value within limits for Cd 214.440 Recovery = 98.78%								
Co 228.616†	6546.4	494.0	ug/L	2.19	494.0	ug/L	2.19	0.44%
QC value within limits for Co 228.616 Recovery = 98.81%								
Cr 267.716†	11342.2	497.8	ug/L	2.58	497.8	ug/L	2.58	0.52%
QC value within limits for Cr 267.716 Recovery = 99.57%								
Cu 224.700†	2517.9	485.8	ug/L	3.29	485.8	ug/L	3.29	0.68%
QC value within limits for Cu 224.700 Recovery = 97.17%								
Fe 238.204†	1052.4	4871	ug/L	34.9	4871	ug/L	34.9	0.72%
QC value within limits for Fe 238.204 Recovery = 97.41%								
K 766.490†	136748.0	16910	ug/L	1.0	16910	ug/L	1.0	0.01%
QC value less than the lower limit for K 766.490 Recovery = 84.53%								
Mg 285.213†	100311.9	17930	ug/L	38.9	17930	ug/L	38.9	0.22%
QC value within limits for Mg 285.213 Recovery = 95.63%								
Mn 257.610†	154011.9	486.6	ug/L	0.37	486.6	ug/L	0.37	0.08%
QC value within limits for Mn 257.610 Recovery = 97.31%								
Mo 202.031†	1966.6	487.8	ug/L	3.11	487.8	ug/L	3.11	0.64%
QC value within limits for Mo 202.031 Recovery = 97.56%								
Na 589.592†	323107.4	18090	ug/L	88.9	18090	ug/L	88.9	0.49%
QC value within limits for Na 589.592 Recovery = 90.43%								
Ni 231.604†	3281.4	496.2	ug/L	3.46	496.2	ug/L	3.46	0.70%
QC value within limits for Ni 231.604 Recovery = 99.23%								
Pb 220.353†	742.5	494.0	ug/L	2.99	494.0	ug/L	2.99	0.61%
QC value within limits for Pb 220.353 Recovery = 98.80%								
Sb 206.836†	684.2	474.4	ug/L	2.17	474.4	ug/L	2.17	0.46%
QC value within limits for Sb 206.836 Recovery = 94.88%								
Se 196.026†	227.9	481.2	ug/L	0.88	481.2	ug/L	0.88	0.18%
QC value within limits for Se 196.026 Recovery = 96.23%								
V 311.071†	84181.7	463.1	ug/L	0.73	463.1	ug/L	0.73	0.16%
QC value within limits for V 311.071 Recovery = 92.62%								
Sn 189.927†	695.7	481.8	ug/L	6.46	481.8	ug/L	6.46	1.34%
QC value within limits for Sn 189.927 Recovery = 96.36%								
Sr 421.552†	346008.4	487.8	ug/L	1.43	487.8	ug/L	1.43	0.29%
QC value within limits for Sr 421.552 Recovery = 97.55%								
Tl 190.801†	408.1	485.9	ug/L	4.17	485.9	ug/L	4.17	0.86%
QC value within limits for Tl 190.801 Recovery = 97.19%								
Zn 206.200†	3426.8	501.0	ug/L	3.80	501.0	ug/L	3.80	0.76%
QC value within limits for Zn 206.200 Recovery = 100.19%								
Ti 334.940†	258660.8	480.5	ug/L	0.12	480.5	ug/L	0.12	0.02%
QC value within limits for Ti 334.940 Recovery = 96.11%								

QC Failed. Continue with analysis.

Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/20/2009 2:07:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	242982.3	1.020	mg/L	0.0003				0.03%
Y (radial)	20857.4	1.008	mg/L	0.0055				0.55%
Ag 328.068†	10.5	0.080	ug/L	0.0486	0.080	ug/L	0.0486	60.63%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-12.3	-1.637	ug/L	2.7110	-1.637	ug/L	2.7110	165.60%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	2.9	3.148	ug/L	4.8445	3.148	ug/L	4.8445	153.90%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677†	58.4	4.574	ug/L	0.2589	4.574	ug/L	0.2589	5.66%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527†	21.7	0.417	ug/L	0.0435	0.417	ug/L	0.0435	10.44%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	122.8	0.117	ug/L	0.3245	0.117	ug/L	0.3245	277.54%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	0.3	0.078	ug/L	6.4597	0.078	ug/L	6.4597	>999.9%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	9.3	0.323	ug/L	0.0728	0.323	ug/L	0.0728	22.57%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	0.3	0.023	ug/L	0.3653	0.023	ug/L	0.3653	>999.9%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-12.0	-0.528	ug/L	0.0351	-0.528	ug/L	0.0351	6.65%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 224.700†	11.5	2.209	ug/L	0.9838	2.209	ug/L	0.9838	44.53%
QC value within limits for Cu 224.700 Recovery = Not calculated								
Fe 238.204†	6.6	30.64	ug/L	16.235	30.64	ug/L	16.235	52.99%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-1.8	-0.225	ug/L	15.4794	-0.225	ug/L	15.4794	>999.9%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	3.2	0.579	ug/L	0.0458	0.579	ug/L	0.0458	7.91%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	2.5	0.008	ug/L	0.0243	0.008	ug/L	0.0243	308.46%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-0.8	-0.203	ug/L	1.1352	-0.203	ug/L	1.1352	559.85%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	114.9	6.434	ug/L	3.1188	6.434	ug/L	3.1188	48.47%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	1.0	0.154	ug/L	0.0394	0.154	ug/L	0.0394	25.56%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-1.3	-0.842	ug/L	1.8220	-0.842	ug/L	1.8220	216.33%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-7.2	-5.016	ug/L	4.3872	-5.016	ug/L	4.3872	87.47%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	2.9	6.092	ug/L	14.1447	6.092	ug/L	14.1447	232.17%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-94.4	-0.527	ug/L	0.2430	-0.527	ug/L	0.2430	46.14%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	2.0	1.379	ug/L	1.2814	1.379	ug/L	1.2814	92.95%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	28.4	0.040	ug/L	0.0577	0.040	ug/L	0.0577	144.26%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-2.5	-3.023	ug/L	1.8270	-3.023	ug/L	1.8270	60.45%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	0.1	0.010	ug/L	0.3058	0.010	ug/L	0.3058	>999.9%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	-4.3	-0.008	ug/L	0.0198	-0.008	ug/L	0.0198	248.40%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: mb 220-24468/1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 2/20/2009 2:10:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: mb 220-24468/1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	237744.2	0.998	mg/L	0.0061				0.61%
Y (radial)	21037.1	1.016	mg/L	0.0130				1.28%
Ag 328.068†	77.7	0.593	ug/L	0.1053	0.593	ug/L	0.1053	17.75%
Al 396.153†	-163.6	-21.87	ug/L	1.961	-21.87	ug/L	1.961	8.97%
As 188.979†	0.8	0.889	ug/L	0.7958	0.889	ug/L	0.7958	89.57%
B 249.677†	88.4	6.885	ug/L	1.9781	6.885	ug/L	1.9781	28.73%
Ba 233.527†	29.3	0.566	ug/L	0.3123	0.566	ug/L	0.3123	55.14%
Be 313.107†	139.3	0.133	ug/L	0.0668	0.133	ug/L	0.0668	50.31%
Ca 317.933†	-140.3	-35.99	ug/L	1.532	-35.99	ug/L	1.532	4.26%
Cd 214.440†	66.6	2.315	ug/L	0.2889	2.315	ug/L	0.2889	12.48%
Co 228.616†	9.5	0.722	ug/L	0.3312	0.722	ug/L	0.3312	45.90%
Cr 267.716†	-22.8	-1.001	ug/L	0.1621	-1.001	ug/L	0.1621	16.19%
Cu 224.700†	34.4	6.676	ug/L	0.6411	6.676	ug/L	0.6411	9.60%
Fe 238.204†	5.5	25.62	ug/L	1.800	25.62	ug/L	1.800	7.03%
K 766.490†	3231.2	399.5	ug/L	15.51	399.5	ug/L	15.51	3.88%
Mg 285.213†	-14.8	-2.637	ug/L	2.3952	-2.637	ug/L	2.3952	90.84%
Mn 257.610†	26.6	0.084	ug/L	0.0578	0.084	ug/L	0.0578	68.82%
Mo 202.031†	-5.9	-1.458	ug/L	0.3470	-1.458	ug/L	0.3470	23.79%
Na 589.592†	2869.2	160.6	ug/L	1.88	160.6	ug/L	1.88	1.17%
Ni 231.604†	-11.3	-1.708	ug/L	0.3128	-1.708	ug/L	0.3128	18.32%
Pb 220.353†	2.4	1.548	ug/L	5.0321	1.548	ug/L	5.0321	325.17%
Sb 206.836†	-1.3	-0.939	ug/L	1.5963	-0.939	ug/L	1.5963	170.03%
Se 196.026†	0.6	1.199	ug/L	10.0337	1.199	ug/L	10.0337	837.02%
V 311.071†	-49.0	-0.272	ug/L	0.1802	-0.272	ug/L	0.1802	66.17%
Sn 189.927†	5.2	3.600	ug/L	4.0050	3.600	ug/L	4.0050	111.25%
Sr 421.552†	-238.4	-0.336	ug/L	0.0785	-0.336	ug/L	0.0785	23.35%
Tl 190.801†	4.8	5.741	ug/L	1.1633	5.741	ug/L	1.1633	20.26%
Zn 206.200†	55.2	8.001	ug/L	0.4698	8.001	ug/L	0.4698	5.87%
Ti 334.940†	24.3	0.045	ug/L	0.0480	0.045	ug/L	0.0480	106.35%

Sequence No.: 11
Sample ID: lcs 220-24468/2-aq
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 2/20/2009 2:13:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: lcs 220-24468/2-aq

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	234943.5	0.986	mg/L	0.0072				0.73%
Y (radial)	20836.4	1.007	mg/L	0.0075				0.75%
Ag 328.068†	40040.4	305.9	ug/L	1.18	305.9	ug/L	1.18	0.39%
Al 396.153†	45123.6	6011	ug/L	95.8	6011	ug/L	95.8	1.59%
As 188.979†	954.1	1034	ug/L	9.1	1034	ug/L	9.1	0.88%
B 249.677†	13291.2	1066	ug/L	2.1	1066	ug/L	2.1	0.19%
Ba 233.527†	15967.3	309.2	ug/L	3.24	309.2	ug/L	3.24	1.05%
Be 313.107†	110233.5	108.9	ug/L	0.45	108.9	ug/L	0.45	0.41%
Ca 317.933†	118280.9	30350	ug/L	380.4	30350	ug/L	380.4	1.25%
Cd 214.440†	8982.5	310.8	ug/L	1.37	310.8	ug/L	1.37	0.44%
Co 228.616†	4191.2	314.8	ug/L	0.70	314.8	ug/L	0.70	0.22%
Cr 267.716†	7269.0	319.1	ug/L	1.67	319.1	ug/L	1.67	0.52%
Cu 224.700†	1844.4	339.1	ug/L	0.73	339.1	ug/L	0.73	0.21%
Fe 238.204†	5380.1	24900	ug/L	108.6	24900	ug/L	108.6	0.44%
K 766.490†	155935.7	19280	ug/L	391.3	19280	ug/L	391.3	2.03%
Mg 285.213†	87114.0	15570	ug/L	262.3	15570	ug/L	262.3	1.68%
Mn 257.610†	65601.7	207.3	ug/L	0.78	207.3	ug/L	0.78	0.38%
Mo 202.031†	4334.7	1075	ug/L	3.5	1075	ug/L	3.5	0.33%
Na 589.592†	556366.0	31140	ug/L	562.4	31140	ug/L	562.4	1.81%
Ni 231.604†	2109.3	318.9	ug/L	2.50	318.9	ug/L	2.50	0.78%
Pb 220.353†	1590.7	1056	ug/L	1.1	1056	ug/L	1.1	0.10%
Sb 206.836†	1514.1	1058	ug/L	3.1	1058	ug/L	3.1	0.29%
Se 196.026†	237.7	521.3	ug/L	18.09	521.3	ug/L	18.09	3.47%
V 311.071†	57834.6	308.7	ug/L	1.40	308.7	ug/L	1.40	0.45%
Sn 189.927†	1530.2	1060	ug/L	1.1	1060	ug/L	1.1	0.10%
Sr 421.552†	71.0	0.100	ug/L	0.0672	0.100	ug/L	0.0672	67.14%
Tl 190.801†	856.5	1026	ug/L	0.2	1026	ug/L	0.2	0.02%
Zn 206.200†	2175.1	318.0	ug/L	2.02	318.0	ug/L	2.02	0.64%
Ti 334.940†	570419.5	1060	ug/L	2.9	1060	ug/L	2.9	0.27%

Sequence No.: 12
Sample ID: 1b 220-24461/1-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 2/20/2009 2:16:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1b 220-24461/1-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	226467.3	0.950	mg/L	0.0097				1.02%
Y (radial)	21134.6	1.021	mg/L	0.0039				0.39%
Ag 328.068†	58.9	0.450	ug/L	0.0040	0.450	ug/L	0.0040	0.89%
Al 396.153†	-151.9	-20.37	ug/L	3.005	-20.37	ug/L	3.005	14.75%
As 188.979†	-2.8	-2.983	ug/L	2.9830	-2.983	ug/L	2.9830	99.99%
B 249.677†	176.9	13.78	ug/L	0.774	13.78	ug/L	0.774	5.62%
Ba 233.527†	51.7	0.999	ug/L	0.1341	0.999	ug/L	0.1341	13.42%
Be 313.107†	-132.5	-0.126	ug/L	0.0282	-0.126	ug/L	0.0282	22.40%
Ca 317.933†	-86.3	-22.13	ug/L	0.098	-22.13	ug/L	0.098	0.44%
Cd 214.440†	53.4	1.855	ug/L	0.1315	1.855	ug/L	0.1315	7.09%
Co 228.616†	-2.9	-0.220	ug/L	0.1479	-0.220	ug/L	0.1479	67.24%
Cr 267.716†	-5.4	-0.236	ug/L	0.1222	-0.236	ug/L	0.1222	51.70%
Cu 224.700†	26.0	5.031	ug/L	1.4800	5.031	ug/L	1.4800	29.42%
Fe 238.204†	9.5	44.18	ug/L	19.812	44.18	ug/L	19.812	44.84%
K 766.490†	6017.0	743.9	ug/L	30.72	743.9	ug/L	30.72	4.13%
Mg 285.213†	4.5	0.803	ug/L	0.4906	0.803	ug/L	0.4906	61.12%
Mn 257.610†	74.0	0.234	ug/L	0.0322	0.234	ug/L	0.0322	13.76%
Mo 202.031†	1.8	0.443	ug/L	0.0932	0.443	ug/L	0.0932	21.06%
Na 589.592†	4529961.7	253600	ug/L	2867.9	253600	ug/L	2867.9	1.13%
Ni 231.604†	5.5	0.835	ug/L	0.9566	0.835	ug/L	0.9566	114.55%
Pb 220.353†	15.7	10.37	ug/L	2.822	10.37	ug/L	2.822	27.21%
Sb 206.836†	-3.2	-2.229	ug/L	2.3558	-2.229	ug/L	2.3558	105.69%
Se 196.026†	4.6	9.577	ug/L	10.1152	9.577	ug/L	10.1152	105.62%
V 311.071†	62.9	0.347	ug/L	0.4725	0.347	ug/L	0.4725	136.11%
Sn 189.927†	5.6	3.862	ug/L	6.0311	3.862	ug/L	6.0311	156.16%
Sr 421.552†	-11.6	-0.016	ug/L	0.0211	-0.016	ug/L	0.0211	128.80%
Tl 190.801†	-4.1	-4.873	ug/L	3.5885	-4.873	ug/L	3.5885	73.64%
Zn 206.200†	60.3	8.742	ug/L	0.6363	8.742	ug/L	0.6363	7.28%
Ti 334.940†	65.8	0.122	ug/L	0.0257	0.122	ug/L	0.0257	21.02%

Sequence No.: 13
Sample ID: 220-8074-b-1-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 2/20/2009 2:20:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8074-b-1-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	243583.4	1.022	mg/L	0.0018				0.17%
Y (radial)	21344.9	1.031	mg/L	0.0026				0.25%
Ag 328.068†	42.7	0.326	ug/L	0.0139	0.326	ug/L	0.0139	4.26%
Al 396.153†	-40.0	-5.481	ug/L	1.8969	-5.481	ug/L	1.8969	34.61%
As 188.979†	-2.2	-2.419	ug/L	6.2254	-2.419	ug/L	6.2254	257.36%
B 249.677†	205.3	16.11	ug/L	0.547	16.11	ug/L	0.547	3.40%
Ba 233.527†	653.9	12.63	ug/L	0.134	12.63	ug/L	0.134	1.06%
Be 313.107†	227.9	0.218	ug/L	0.0291	0.218	ug/L	0.0291	13.37%
Ca 317.933†	833.3	213.8	ug/L	4.29	213.8	ug/L	4.29	2.01%
Cd 214.440†	71.0	2.460	ug/L	0.0844	2.460	ug/L	0.0844	3.43%
Co 228.616†	6.8	0.515	ug/L	0.2025	0.515	ug/L	0.2025	39.35%
Cr 267.716†	9.2	0.402	ug/L	0.2220	0.402	ug/L	0.2220	55.18%
Cu 224.700†	494.2	96.10	ug/L	0.495	96.10	ug/L	0.495	0.51%
Fe 238.204†	29.2	135.1	ug/L	5.60	135.1	ug/L	5.60	4.14%
K 766.490†	1931.5	238.8	ug/L	3.98	238.8	ug/L	3.98	1.67%
Mg 285.213†	102.7	18.36	ug/L	1.219	18.36	ug/L	1.219	6.64%
Mn 257.610†	1127.6	3.562	ug/L	0.0505	3.562	ug/L	0.0505	1.42%
Mo 202.031†	15.7	3.892	ug/L	0.5896	3.892	ug/L	0.5896	15.15%
Na 589.592†	5476.8	306.6	ug/L	3.72	306.6	ug/L	3.72	1.21%
Ni 231.604†	8.2	1.236	ug/L	1.2338	1.236	ug/L	1.2338	99.81%
Pb 220.353†	81.8	54.13	ug/L	5.708	54.13	ug/L	5.708	10.55%
Sb 206.836†	-4.2	-2.881	ug/L	1.3933	-2.881	ug/L	1.3933	48.37%
Se 196.026†	5.5	11.57	ug/L	9.194	11.57	ug/L	9.194	79.43%
V 311.071†	-43.8	-0.256	ug/L	0.0430	-0.256	ug/L	0.0430	16.82%
Sn 189.927†	15.0	10.30	ug/L	3.082	10.30	ug/L	3.082	29.91%
Sr 421.552†	417.3	0.588	ug/L	0.0669	0.588	ug/L	0.0669	11.37%
Tl 190.801†	-2.1	-2.532	ug/L	1.3800	-2.532	ug/L	1.3800	54.51%
Zn 206.200†	1237.8	179.6	ug/L	0.61	179.6	ug/L	0.61	0.34%
Ti 334.940†	150.3	0.279	ug/L	0.0040	0.279	ug/L	0.0040	1.43%

Sequence No.: 14
Sample ID: 220-8074-a-2-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 2/20/2009 2:23:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8074-a-2-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	241768.6	1.014	mg/L	0.0027				0.27%
Y (radial)	20993.7	1.014	mg/L	0.0128				1.26%
Ag 328.068†	49.6	0.378	ug/L	0.2551	0.378	ug/L	0.2551	67.43%
Al 396.153†	81.4	10.65	ug/L	2.680	10.65	ug/L	2.680	25.16%
As 188.979†	-4.2	-4.541	ug/L	0.2119	-4.541	ug/L	0.2119	4.67%
B 249.677†	123.5	9.835	ug/L	1.5102	9.835	ug/L	1.5102	15.35%
Ba 233.527†	192.5	3.719	ug/L	0.0262	3.719	ug/L	0.0262	0.70%
Be 313.107†	191.0	0.185	ug/L	0.0531	0.185	ug/L	0.0531	28.71%
Ca 317.933†	1414.1	362.9	ug/L	3.47	362.9	ug/L	3.47	0.96%
Cd 214.440†	67.4	2.332	ug/L	0.1306	2.332	ug/L	0.1306	5.60%
Co 228.616†	-0.8	-0.061	ug/L	0.2532	-0.061	ug/L	0.2532	412.52%
Cr 267.716†	-1.1	-0.048	ug/L	0.3279	-0.048	ug/L	0.3279	685.08%
Cu 224.700†	166.8	32.33	ug/L	0.740	32.33	ug/L	0.740	2.29%
Fe 238.204†	38.9	180.0	ug/L	6.28	180.0	ug/L	6.28	3.49%
K 766.490†	1241.8	153.5	ug/L	7.84	153.5	ug/L	7.84	5.11%
Mg 285.213†	126.1	22.54	ug/L	0.726	22.54	ug/L	0.726	3.22%
Mn 257.610†	741.7	2.343	ug/L	0.0490	2.343	ug/L	0.0490	2.09%
Mo 202.031†	32.3	8.010	ug/L	0.2644	8.010	ug/L	0.2644	3.30%
Na 589.592†	3621.6	202.7	ug/L	5.53	202.7	ug/L	5.53	2.73%
Ni 231.604†	2.2	0.338	ug/L	0.5914	0.338	ug/L	0.5914	174.89%
Pb 220.353†	30.8	20.42	ug/L	5.109	20.42	ug/L	5.109	25.02%
Sb 206.836†	-9.4	-6.429	ug/L	0.5708	-6.429	ug/L	0.5708	8.88%
Se 196.026†	11.3	23.63	ug/L	3.707	23.63	ug/L	3.707	15.69%
V 311.071†	-63.1	-0.376	ug/L	0.3447	-0.376	ug/L	0.3447	91.79%
Sn 189.927†	15.7	10.82	ug/L	5.868	10.82	ug/L	5.868	54.22%
Sr 421.552†	716.5	1.010	ug/L	0.0342	1.010	ug/L	0.0342	3.38%
Tl 190.801†	-0.1	-0.162	ug/L	2.0273	-0.162	ug/L	2.0273	>999.9%
Zn 206.200†	872.9	126.6	ug/L	0.63	126.6	ug/L	0.63	0.50%
Ti 334.940†	460.7	0.856	ug/L	0.0409	0.856	ug/L	0.0409	4.78%

Sequence No.: 15
Sample ID: 220-8074-a-3-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 2/20/2009 2:26:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8074-a-3-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	226258.9	0.949	mg/L	0.0008				0.08%
Y (radial)	21113.6	1.020	mg/L	0.0176				1.73%
Ag 328.068†	42.9	0.328	ug/L	0.2009	0.328	ug/L	0.2009	61.23%
Al 396.153†	62.9	8.465	ug/L	2.3336	8.465	ug/L	2.3336	27.57%
As 188.979†	1.1	1.217	ug/L	0.9085	1.217	ug/L	0.9085	74.65%
B 249.677†	47230.6	3661	ug/L	0.8	3661	ug/L	0.8	0.02%
Ba 233.527†	10517.5	203.2	ug/L	0.76	203.2	ug/L	0.76	0.37%
Be 313.107†	-66.1	-0.063	ug/L	0.0978	-0.063	ug/L	0.0978	155.99%
Ca 317.933†	86497.8	22200	ug/L	362.7	22200	ug/L	362.7	1.63%
Cd 214.440†	81.5	2.818	ug/L	0.1378	2.818	ug/L	0.1378	4.89%
Co 228.616†	696.1	52.63	ug/L	0.441	52.63	ug/L	0.441	0.84%
Cr 267.716†	67.7	2.967	ug/L	0.5012	2.967	ug/L	0.5012	16.89%
Cu 224.700†	172.2	33.31	ug/L	0.696	33.31	ug/L	0.696	2.09%
Fe 238.204†	60.1	278.0	ug/L	7.99	278.0	ug/L	7.99	2.87%
K 766.490†	8657.1	1070	ug/L	9.5	1070	ug/L	9.5	0.89%
Mg 285.213†	3235.0	578.2	ug/L	8.01	578.2	ug/L	8.01	1.39%
Mn 257.610†	12369.8	39.08	ug/L	0.208	39.08	ug/L	0.208	0.53%
Mo 202.031†	-5.3	-1.312	ug/L	0.0669	-1.312	ug/L	0.0669	5.10%
Na 589.592†	5060459.5	283300	ug/L	4740.1	283300	ug/L	4740.1	1.67%
Ni 231.604†	28.6	4.331	ug/L	0.5792	4.331	ug/L	0.5792	13.37%
Pb 220.353†	5.6	5.743	ug/L	0.8758	5.743	ug/L	0.8758	15.25%
Sb 206.836†	-4.2	-2.973	ug/L	8.7459	-2.973	ug/L	8.7459	294.17%
Se 196.026†	-0.6	4.230	ug/L	18.0414	4.230	ug/L	18.0414	426.53%
V 311.071†	69.5	0.380	ug/L	0.1296	0.380	ug/L	0.1296	34.13%
Sn 189.927†	-0.2	0.536	ug/L	4.2497	0.536	ug/L	4.2497	792.67%
Sr 421.552†	59509.2	83.89	ug/L	1.507	83.89	ug/L	1.507	1.80%
Tl 190.801†	-0.1	-1.346	ug/L	4.4939	-1.346	ug/L	4.4939	333.87%
Zn 206.200†	37375.4	5423	ug/L	0.4	5423	ug/L	0.4	0.01%
Ti 334.940†	38.4	0.071	ug/L	0.0080	0.071	ug/L	0.0080	11.17%

Sequence No.: 16
Sample ID: 220-8075-a-1-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 2/20/2009 2:29:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8075-a-1-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	224497.6	0.942	mg/L	0.0000				0.00%
Y (radial)	21127.1	1.021	mg/L	0.0164				1.60%
Ag 328.068†	31.8	0.244	ug/L	0.0807	0.244	ug/L	0.0807	33.06%
Al 396.153†	-74.3	-9.874	ug/L	1.9823	-9.874	ug/L	1.9823	20.08%
As 188.979†	-7.8	-7.957	ug/L	5.1868	-7.957	ug/L	5.1868	65.19%
B 249.677†	880.2	73.64	ug/L	2.153	73.64	ug/L	2.153	2.92%
Ba 233.527†	1587.7	30.68	ug/L	0.144	30.68	ug/L	0.144	0.47%
Be 313.107†	-185.7	-0.177	ug/L	0.0775	-0.177	ug/L	0.0775	43.87%
Ca 317.933†	156702.7	40210	ug/L	28.3	40210	ug/L	28.3	0.07%
Cd 214.440†	37.4	1.021	ug/L	0.2747	1.021	ug/L	0.2747	26.90%
Co 228.616†	45.9	3.467	ug/L	0.2395	3.467	ug/L	0.2395	6.91%
Cr 267.716†	38.7	1.698	ug/L	0.1696	1.698	ug/L	0.1696	9.99%
Cu 224.700†	2293.0	443.7	ug/L	0.46	443.7	ug/L	0.46	0.10%
Fe 238.204†	799.6	3701	ug/L	51.1	3701	ug/L	51.1	1.38%
K 766.490†	6328.7	782.4	ug/L	23.80	782.4	ug/L	23.80	3.04%
Mg 285.213†	89500.9	16000	ug/L	44.7	16000	ug/L	44.7	0.28%
Mn 257.610†	216976.9	685.5	ug/L	2.59	685.5	ug/L	2.59	0.38%
Mo 202.031†	-9.5	-2.348	ug/L	0.9490	-2.348	ug/L	0.9490	40.41%
Na 589.592†	4524348.8	253300	ug/L	2953.0	253300	ug/L	2953.0	1.17%
Ni 231.604†	99.4	15.04	ug/L	0.688	15.04	ug/L	0.688	4.58%
Pb 220.353†	-11.4	-4.092	ug/L	2.6811	-4.092	ug/L	2.6811	65.52%
Sb 206.836†	-14.1	-9.817	ug/L	5.0887	-9.817	ug/L	5.0887	51.84%
Se 196.026†	-3.8	4.493	ug/L	0.2056	4.493	ug/L	0.2056	4.58%
V 311.071†	266.9	1.382	ug/L	0.0171	1.382	ug/L	0.0171	1.24%
Sn 189.927†	-8.1	-4.295	ug/L	1.6006	-4.295	ug/L	1.6006	37.26%
Sr 421.552†	59460.5	83.82	ug/L	0.324	83.82	ug/L	0.324	0.39%
Tl 190.801†	-1.8	-3.531	ug/L	4.5168	-3.531	ug/L	4.5168	127.90%
Zn 206.200†	205.6	29.84	ug/L	0.555	29.84	ug/L	0.555	1.86%
Ti 334.940†	28.5	0.053	ug/L	0.0110	0.053	ug/L	0.0110	20.86%

Sequence No.: 17
Sample ID: 220-8075-a-2-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 2/20/2009 2:33:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8075-a-2-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	226245.4	0.949	mg/L	0.0061				0.64%
Y (radial)	21143.8	1.021	mg/L	0.0041				0.41%
Ag 328.068†	17.6	0.135	ug/L	0.1026	0.135	ug/L	0.1026	75.88%
Al 396.153†	609.5	81.75	ug/L	10.547	81.75	ug/L	10.547	12.90%
As 188.979†	-9.0	-9.288	ug/L	4.8072	-9.288	ug/L	4.8072	51.76%
B 249.677†	668.3	56.08	ug/L	0.670	56.08	ug/L	0.670	1.20%
Ba 233.527†	5354.2	103.5	ug/L	0.69	103.5	ug/L	0.69	0.66%
Be 313.107†	-42.2	-0.040	ug/L	0.1743	-0.040	ug/L	0.1743	437.70%
Ca 317.933†	268821.7	68980	ug/L	106.6	68980	ug/L	106.6	0.15%
Cd 214.440†	72.4	2.299	ug/L	0.3593	2.299	ug/L	0.3593	15.62%
Co 228.616†	47.0	3.555	ug/L	0.5329	3.555	ug/L	0.5329	14.99%
Cr 267.716†	58.8	2.580	ug/L	0.1750	2.580	ug/L	0.1750	6.78%
Cu 224.700†	2782.4	539.5	ug/L	4.85	539.5	ug/L	4.85	0.90%
Fe 238.204†	632.9	2929	ug/L	0.5	2929	ug/L	0.5	0.02%
K 766.490†	7004.4	866.0	ug/L	13.66	866.0	ug/L	13.66	1.58%
Mg 285.213†	26330.6	4706	ug/L	12.9	4706	ug/L	12.9	0.27%
Mn 257.610†	193380.6	610.9	ug/L	6.04	610.9	ug/L	6.04	0.99%
Mo 202.031†	-11.4	-2.824	ug/L	0.4148	-2.824	ug/L	0.4148	14.69%
Na 589.592†	4523679.9	253200	ug/L	2551.0	253200	ug/L	2551.0	1.01%
Ni 231.604†	83.1	12.57	ug/L	0.271	12.57	ug/L	0.271	2.15%
Pb 220.353†	31.8	27.23	ug/L	9.908	27.23	ug/L	9.908	36.38%
Sb 206.836†	-7.1	-5.004	ug/L	1.9068	-5.004	ug/L	1.9068	38.11%
Se 196.026†	-11.3	-5.162	ug/L	1.3349	-5.162	ug/L	1.3349	25.86%
V 311.071†	146.7	0.735	ug/L	0.1974	0.735	ug/L	0.1974	26.86%
Sn 189.927†	-3.6	-0.343	ug/L	8.5361	-0.343	ug/L	8.5361	>999.9%
Sr 421.552†	85732.0	120.9	ug/L	0.03	120.9	ug/L	0.03	0.02%
Tl 190.801†	1.9	-0.727	ug/L	2.8255	-0.727	ug/L	2.8255	388.66%
Zn 206.200†	642.8	93.29	ug/L	0.546	93.29	ug/L	0.546	0.59%
Ti 334.940†	47.9	0.089	ug/L	0.0522	0.089	ug/L	0.0522	58.64%

Sequence No.: 18
Sample ID: 220-8075-a-3-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 2/20/2009 2:36:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8075-a-3-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	227670.8	0.955	mg/L	0.0103				1.08%
Y (radial)	21239.6	1.026	mg/L	0.0052				0.51%
Ag 328.068†	52.9	0.404	ug/L	0.1444	0.404	ug/L	0.1444	35.72%
Al 396.153†	-76.1	-10.16	ug/L	1.300	-10.16	ug/L	1.300	12.79%
As 188.979†	-1.0	-0.396	ug/L	5.4086	-0.396	ug/L	5.4086	>999.9%
B 249.677†	463.8	42.75	ug/L	0.250	42.75	ug/L	0.250	0.58%
Ba 233.527†	2565.9	49.58	ug/L	0.555	49.58	ug/L	0.555	1.12%
Be 313.107†	-50.0	-0.047	ug/L	0.0401	-0.047	ug/L	0.0401	84.35%
Ca 317.933†	120037.3	30800	ug/L	71.7	30800	ug/L	71.7	0.23%
Cd 214.440†	64.4	1.890	ug/L	0.0380	1.890	ug/L	0.0380	2.01%
Co 228.616†	27.4	2.075	ug/L	0.2746	2.075	ug/L	0.2746	13.23%
Cr 267.716†	99.1	4.346	ug/L	0.6918	4.346	ug/L	0.6918	15.92%
Cu 224.700†	6347.9	1232	ug/L	15.9	1232	ug/L	15.9	1.29%
Fe 238.204†	1003.2	4643	ug/L	64.2	4643	ug/L	64.2	1.38%
K 766.490†	7103.9	878.3	ug/L	1.37	878.3	ug/L	1.37	0.16%
Mg 285.213†	43248.7	7730	ug/L	84.1	7730	ug/L	84.1	1.09%
Mn 257.610†	226113.6	714.4	ug/L	2.27	714.4	ug/L	2.27	0.32%
Mo 202.031†	-3.7	-0.916	ug/L	0.3273	-0.916	ug/L	0.3273	35.74%
Na 589.592†	4440144.5	248500	ug/L	2272.5	248500	ug/L	2272.5	0.91%
Ni 231.604†	118.4	17.91	ug/L	0.488	17.91	ug/L	0.488	2.72%
Pb 220.353†	1398.5	927.2	ug/L	19.76	927.2	ug/L	19.76	2.13%
Sb 206.836†	-14.5	-10.11	ug/L	3.860	-10.11	ug/L	3.860	38.17%
Se 196.026†	-5.3	0.056	ug/L	21.1428	0.056	ug/L	21.1428	>999.9%
V 311.071†	143.9	0.668	ug/L	0.4885	0.668	ug/L	0.4885	73.14%
Sn 189.927†	-5.5	-2.837	ug/L	2.4698	-2.837	ug/L	2.4698	87.05%
Sr 421.552†	54585.5	76.95	ug/L	0.660	76.95	ug/L	0.660	0.86%
Tl 190.801†	8.0	8.399	ug/L	7.3907	8.399	ug/L	7.3907	88.00%
Zn 206.200†	653.0	94.78	ug/L	1.470	94.78	ug/L	1.470	1.55%
Ti 334.940†	13.8	0.026	ug/L	0.0140	0.026	ug/L	0.0140	54.78%

Sequence No.: 19
Sample ID: 220-8033-b-1-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 2/20/2009 2:39:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-1-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	231371.2	0.971	mg/L	0.0024				0.25%
Y (radial)	21405.6	1.034	mg/L	0.0045				0.43%
Ag 328.068†	40.9	0.317	ug/L	0.0087	0.317	ug/L	0.0087	2.75%
Al 396.153†	394.3	52.84	ug/L	3.472	52.84	ug/L	3.472	6.57%
As 188.979†	0.6	0.664	ug/L	0.9910	0.664	ug/L	0.9910	149.25%
B 249.677†	184.4	14.78	ug/L	0.651	14.78	ug/L	0.651	4.40%
Ba 233.527†	68.4	1.335	ug/L	0.0428	1.335	ug/L	0.0428	3.21%
Be 313.107†	27.8	0.095	ug/L	0.1210	0.095	ug/L	0.1210	127.80%
Ca 317.933†	3945.3	1012	ug/L	0.1	1012	ug/L	0.1	0.01%
Cd 214.440†	47.3	1.623	ug/L	0.3166	1.623	ug/L	0.3166	19.51%
Co 228.616†	2.3	0.141	ug/L	0.0091	0.141	ug/L	0.0091	6.47%
Cr 267.716†	20.4	0.901	ug/L	0.5424	0.901	ug/L	0.5424	60.22%
Cu 224.700†	15.5	2.780	ug/L	0.2797	2.780	ug/L	0.2797	10.06%
Fe 238.204†	72.3	334.5	ug/L	0.35	334.5	ug/L	0.35	0.10%
K 766.490†	4586.4	567.0	ug/L	13.72	567.0	ug/L	13.72	2.42%
Mg 285.213†	1249.4	223.3	ug/L	0.12	223.3	ug/L	0.12	0.05%
Mn 257.610†	8162.9	25.79	ug/L	0.014	25.79	ug/L	0.014	0.05%
Mo 202.031†	-1.6	-0.391	ug/L	0.0079	-0.391	ug/L	0.0079	2.02%
Na 589.592†	2886882.7	161600	ug/L	498.3	161600	ug/L	498.3	0.31%
Ni 231.604†	4.6	0.688	ug/L	1.2957	0.688	ug/L	1.2957	188.23%
Pb 220.353†	-0.1	-0.004	ug/L	1.5643	-0.004	ug/L	1.5643	>999.9%
Sb 206.836†	-5.6	-3.925	ug/L	2.3528	-3.925	ug/L	2.3528	59.95%
Se 196.026†	-3.0	-5.753	ug/L	3.2006	-5.753	ug/L	3.2006	55.63%
V 311.071†	1073.7	5.771	ug/L	0.2558	5.771	ug/L	0.2558	4.43%
Sn 189.927†	7.3	5.207	ug/L	2.0088	5.207	ug/L	2.0088	38.58%
Sr 421.552†	4656.1	6.564	ug/L	0.1043	6.564	ug/L	0.1043	1.59%
Tl 190.801†	-4.1	-4.840	ug/L	4.1491	-4.840	ug/L	4.1491	85.73%
Zn 206.200†	40.3	5.859	ug/L	0.3506	5.859	ug/L	0.3506	5.98%
Ti 334.940†	9967.0	18.52	ug/L	0.235	18.52	ug/L	0.235	1.27%

Sequence No.: 20
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/20/2009 2:42:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	238566.6	1.001	mg/L	0.0060				0.60%
Y (radial)	21125.3	1.021	mg/L	0.0010				0.09%
Ag 328.068†	6166.0	47.41	ug/L	0.090	47.41	ug/L	0.090	0.19%
QC value within limits for Ag 328.068 Recovery = 94.82%								
Al 396.153†	34632.9	4624	ug/L	17.3	4624	ug/L	17.3	0.37%
QC value within limits for Al 396.153 Recovery = 92.49%								
As 188.979†	456.5	495.2	ug/L	7.54	495.2	ug/L	7.54	1.52%
QC value within limits for As 188.979 Recovery = 99.04%								
B 249.677†	6127.6	480.9	ug/L	3.17	480.9	ug/L	3.17	0.66%
QC value within limits for B 249.677 Recovery = 96.18%								
Ba 233.527†	24998.0	484.0	ug/L	4.72	484.0	ug/L	4.72	0.97%
QC value within limits for Ba 233.527 Recovery = 96.81%								
Be 313.107†	506275.5	483.9	ug/L	4.22	483.9	ug/L	4.22	0.87%
QC value within limits for Be 313.107 Recovery = 96.79%								
Ca 317.933†	70086.4	17980	ug/L	16.1	17980	ug/L	16.1	0.09%
QC value within limits for Ca 317.933 Recovery = 95.92%								
Cd 214.440†	14157.8	492.5	ug/L	2.39	492.5	ug/L	2.39	0.49%
QC value within limits for Cd 214.440 Recovery = 98.49%								
Co 228.616†	6601.0	498.2	ug/L	4.48	498.2	ug/L	4.48	0.90%
QC value within limits for Co 228.616 Recovery = 99.64%								
Cr 267.716†	11351.8	498.2	ug/L	4.45	498.2	ug/L	4.45	0.89%
QC value within limits for Cr 267.716 Recovery = 99.65%								
Cu 224.700†	2465.7	475.7	ug/L	4.39	475.7	ug/L	4.39	0.92%
QC value within limits for Cu 224.700 Recovery = 95.14%								
Fe 238.204†	1047.9	4850	ug/L	24.4	4850	ug/L	24.4	0.50%
QC value within limits for Fe 238.204 Recovery = 97.00%								
K 766.490†	137995.2	17060	ug/L	110.2	17060	ug/L	110.2	0.65%
QC value less than the lower limit for K 766.490 Recovery = 85.30%								
Mg 285.213†	99465.3	17780	ug/L	40.5	17780	ug/L	40.5	0.23%
QC value within limits for Mg 285.213 Recovery = 94.82%								
Mn 257.610†	154159.6	487.0	ug/L	2.01	487.0	ug/L	2.01	0.41%
QC value within limits for Mn 257.610 Recovery = 97.41%								
Mo 202.031†	1975.3	490.0	ug/L	6.16	490.0	ug/L	6.16	1.26%
QC value within limits for Mo 202.031 Recovery = 97.99%								
Na 589.592†	321821.3	18010	ug/L	33.7	18010	ug/L	33.7	0.19%
QC value within limits for Na 589.592 Recovery = 90.07%								
Ni 231.604†	3288.3	497.2	ug/L	5.33	497.2	ug/L	5.33	1.07%
QC value within limits for Ni 231.604 Recovery = 99.44%								
Pb 220.353†	738.8	491.6	ug/L	1.03	491.6	ug/L	1.03	0.21%
QC value within limits for Pb 220.353 Recovery = 98.32%								
Sb 206.836†	674.1	467.4	ug/L	0.13	467.4	ug/L	0.13	0.03%
QC value within limits for Sb 206.836 Recovery = 93.47%								
Se 196.026†	242.0	510.4	ug/L	4.36	510.4	ug/L	4.36	0.85%
QC value within limits for Se 196.026 Recovery = 102.07%								
V 311.071†	83865.7	461.3	ug/L	0.01	461.3	ug/L	0.01	0.00%
QC value within limits for V 311.071 Recovery = 92.26%								
Sn 189.927†	707.2	489.8	ug/L	6.24	489.8	ug/L	6.24	1.27%
QC value within limits for Sn 189.927 Recovery = 97.95%								
Sr 421.552†	341183.7	481.0	ug/L	0.85	481.0	ug/L	0.85	0.18%
QC value within limits for Sr 421.552 Recovery = 96.19%								
Tl 190.801†	425.1	506.2	ug/L	1.22	506.2	ug/L	1.22	0.24%
QC value within limits for Tl 190.801 Recovery = 101.24%								
Zn 206.200†	3428.2	501.2	ug/L	6.12	501.2	ug/L	6.12	1.22%
QC value within limits for Zn 206.200 Recovery = 100.23%								
Ti 334.940†	258318.7	479.9	ug/L	0.26	479.9	ug/L	0.26	0.05%
QC value within limits for Ti 334.940 Recovery = 95.98%								

QC Failed. Continue with analysis.

Sequence No.: 21
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/20/2009 2:46:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	244251.7	1.025	mg/L	0.0064				0.63%
Y (radial)	21080.6	1.018	mg/L	0.0037				0.37%
Ag 328.068†	31.1	0.236	ug/L	0.1085	0.236	ug/L	0.1085	45.87%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-4.3	-0.603	ug/L	4.0081	-0.603	ug/L	4.0081	664.38%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-1.7	-1.884	ug/L	2.1598	-1.884	ug/L	2.1598	114.62%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677†	48.4	3.813	ug/L	0.2857	3.813	ug/L	0.2857	7.49%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527†	18.1	0.348	ug/L	0.0766	0.348	ug/L	0.0766	22.02%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	193.5	0.185	ug/L	0.0139	0.185	ug/L	0.0139	7.54%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	11.6	2.965	ug/L	1.9828	2.965	ug/L	1.9828	66.87%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	7.8	0.268	ug/L	0.0658	0.268	ug/L	0.0658	24.51%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	2.1	0.157	ug/L	0.5629	0.157	ug/L	0.5629	358.47%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-2.5	-0.110	ug/L	0.4043	-0.110	ug/L	0.4043	366.68%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 224.700†	5.1	0.969	ug/L	0.0206	0.969	ug/L	0.0206	2.12%
QC value within limits for Cu 224.700 Recovery = Not calculated								
Fe 238.204†	8.8	40.62	ug/L	13.010	40.62	ug/L	13.010	32.03%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	441.3	54.56	ug/L	7.836	54.56	ug/L	7.836	14.36%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	3.3	0.591	ug/L	0.6545	0.591	ug/L	0.6545	110.77%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	1.9	0.006	ug/L	0.0063	0.006	ug/L	0.0063	102.20%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	3.5	0.878	ug/L	1.8269	0.878	ug/L	1.8269	208.11%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	943.4	52.81	ug/L	4.978	52.81	ug/L	4.978	9.43%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-6.3	-0.947	ug/L	0.1929	-0.947	ug/L	0.1929	20.36%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-0.5	-0.312	ug/L	2.0987	-0.312	ug/L	2.0987	673.50%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-1.4	-0.951	ug/L	5.1337	-0.951	ug/L	5.1337	539.56%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	2.8	5.791	ug/L	10.4542	5.791	ug/L	10.4542	180.53%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-136.9	-0.766	ug/L	0.4266	-0.766	ug/L	0.4266	55.72%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	1.6	1.105	ug/L	1.2727	1.105	ug/L	1.2727	115.19%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	28.7	0.040	ug/L	0.1049	0.040	ug/L	0.1049	259.58%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-1.8	-2.113	ug/L	1.1132	-2.113	ug/L	1.1132	52.69%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	2.8	0.408	ug/L	0.2836	0.408	ug/L	0.2836	69.49%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	39.6	0.074	ug/L	0.0026	0.074	ug/L	0.0026	3.55%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 22
Sample ID: 220-8033-b-2-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 2/20/2009 2:49:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-2-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	237717.9	0.997	mg/L	0.0008				0.08%
Y (radial)	21309.8	1.029	mg/L	0.0041				0.40%
Ag 328.068†	110.3	0.844	ug/L	0.0128	0.844	ug/L	0.0128	1.51%
Al 396.153†	-240.5	-32.05	ug/L	0.706	-32.05	ug/L	0.706	2.20%
As 188.979†	2.0	2.249	ug/L	3.2254	2.249	ug/L	3.2254	143.38%
B 249.677†	2266.0	175.8	ug/L	2.35	175.8	ug/L	2.35	1.33%
Ba 233.527†	2886.3	55.78	ug/L	0.277	55.78	ug/L	0.277	0.50%
Be 313.107†	171.5	0.164	ug/L	0.0305	0.164	ug/L	0.0305	18.66%
Ca 317.933†	239425.0	61440	ug/L	4.5	61440	ug/L	4.5	0.01%
Cd 214.440†	32.3	1.114	ug/L	0.2409	1.114	ug/L	0.2409	21.63%
Co 228.616†	37.2	2.812	ug/L	0.3024	2.812	ug/L	0.3024	10.75%
Cr 267.716†	11.5	0.506	ug/L	0.0640	0.506	ug/L	0.0640	12.65%
Cu 224.700†	52.9	10.21	ug/L	1.955	10.21	ug/L	1.955	19.15%
Fe 238.204†	25.1	116.2	ug/L	2.68	116.2	ug/L	2.68	2.31%
K 766.490†	55757.8	6894	ug/L	81.6	6894	ug/L	81.6	1.18%
Mg 285.213†	213261.7	38120	ug/L	266.5	38120	ug/L	266.5	0.70%
Mn 257.610†	1141593.1	3607	ug/L	5.8	3607	ug/L	5.8	0.16%
Mo 202.031†	-22.0	-5.465	ug/L	0.5475	-5.465	ug/L	0.5475	10.02%
Na 589.592†	627151.5	35110	ug/L	760.1	35110	ug/L	760.1	2.17%
Ni 231.604†	114.9	17.38	ug/L	0.833	17.38	ug/L	0.833	4.79%
Pb 220.353†	-6.5	1.470	ug/L	0.2730	1.470	ug/L	0.2730	18.57%
Sb 206.836†	-16.5	-11.49	ug/L	0.854	-11.49	ug/L	0.854	7.43%
Se 196.026†	-2.3	9.382	ug/L	28.3636	9.382	ug/L	28.3636	302.32%
V 311.071†	567.1	3.162	ug/L	0.0937	3.162	ug/L	0.0937	2.96%
Sn 189.927†	4.4	4.896	ug/L	5.5740	4.896	ug/L	5.5740	113.84%
Sr 421.552†	315554.3	444.8	ug/L	2.72	444.8	ug/L	2.72	0.61%
Tl 190.801†	10.9	11.42	ug/L	5.505	11.42	ug/L	5.505	48.19%
Zn 206.200†	67.4	9.785	ug/L	0.3124	9.785	ug/L	0.3124	3.19%
Ti 334.940†	53.9	0.100	ug/L	0.0238	0.100	ug/L	0.0238	23.72%

Sequence No.: 23
Sample ID: 220-8033-b-3-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 2/20/2009 2:52:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-3-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	231874.8	0.973	mg/L	0.0012				0.13%
Y (radial)	21145.7	1.022	mg/L	0.0034				0.33%
Ag 328.068†	70.2	0.538	ug/L	0.1691	0.538	ug/L	0.1691	31.46%
Al 396.153†	-284.6	-38.04	ug/L	18.211	-38.04	ug/L	18.211	47.87%
As 188.979†	3.9	4.233	ug/L	0.6972	4.233	ug/L	0.6972	16.47%
B 249.677†	1588.1	123.1	ug/L	0.56	123.1	ug/L	0.56	0.45%
Ba 233.527†	2923.4	56.49	ug/L	0.094	56.49	ug/L	0.094	0.17%
Be 313.107†	-57.6	-0.055	ug/L	0.0408	-0.055	ug/L	0.0408	74.36%
Ca 317.933†	322962.0	82870	ug/L	512.2	82870	ug/L	512.2	0.62%
Cd 214.440†	29.4	1.023	ug/L	0.3745	1.023	ug/L	0.3745	36.62%
Co 228.616†	19.3	1.460	ug/L	0.4290	1.460	ug/L	0.4290	29.39%
Cr 267.716†	-24.8	-1.084	ug/L	0.3761	-1.084	ug/L	0.3761	34.71%
Cu 224.700†	17.2	3.336	ug/L	0.3402	3.336	ug/L	0.3402	10.20%
Fe 238.204†	5.3	24.52	ug/L	0.553	24.52	ug/L	0.553	2.25%
K 766.490†	51460.4	6362	ug/L	5.6	6362	ug/L	5.6	0.09%
Mg 285.213†	151954.0	27160	ug/L	8.5	27160	ug/L	8.5	0.03%
Mn 257.610†	517087.4	1634	ug/L	3.5	1634	ug/L	3.5	0.21%
Mo 202.031†	-11.2	-2.767	ug/L	0.0849	-2.767	ug/L	0.0849	3.07%
Na 589.592†	592461.8	33160	ug/L	282.4	33160	ug/L	282.4	0.85%
Ni 231.604†	108.8	16.45	ug/L	0.820	16.45	ug/L	0.820	4.98%
Pb 220.353†	-8.0	2.515	ug/L	1.0663	2.515	ug/L	1.0663	42.39%
Sb 206.836†	-14.0	-9.707	ug/L	6.6100	-9.707	ug/L	6.6100	68.09%
Se 196.026†	-19.7	-21.68	ug/L	18.085	-21.68	ug/L	18.085	83.42%
V 311.071†	366.0	2.042	ug/L	0.3412	2.042	ug/L	0.3412	16.71%
Sn 189.927†	-8.3	-3.175	ug/L	6.0313	-3.175	ug/L	6.0313	189.94%
Sr 421.552†	424719.9	598.7	ug/L	2.23	598.7	ug/L	2.23	0.37%
Tl 190.801†	10.3	9.361	ug/L	3.6833	9.361	ug/L	3.6833	39.35%
Zn 206.200†	68.1	9.875	ug/L	1.1793	9.875	ug/L	1.1793	11.94%
Ti 334.940†	-5.3	-0.010	ug/L	0.0357	-0.010	ug/L	0.0357	360.13%

Sequence No.: 24
Sample ID: 220-8033-b-4-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 2/20/2009 2:55:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-4-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	231731.1	0.972	mg/L	0.0047				0.48%
Y (radial)	21432.3	1.035	mg/L	0.0134				1.29%
Ag 328.068†	48.1	0.368	ug/L	0.2391	0.368	ug/L	0.2391	64.99%
Al 396.153†	-143.2	-19.14	ug/L	0.875	-19.14	ug/L	0.875	4.57%
As 188.979†	0.5	0.523	ug/L	3.3440	0.523	ug/L	3.3440	638.98%
B 249.677†	1564.8	121.3	ug/L	0.60	121.3	ug/L	0.60	0.50%
Ba 233.527†	1652.2	31.93	ug/L	0.536	31.93	ug/L	0.536	1.68%
Be 313.107†	60.6	0.058	ug/L	0.0307	0.058	ug/L	0.0307	52.80%
Ca 317.933†	26507.9	6802	ug/L	135.5	6802	ug/L	135.5	1.99%
Cd 214.440†	30.3	1.053	ug/L	0.3002	1.053	ug/L	0.3002	28.51%
Co 228.616†	2.2	0.167	ug/L	0.1266	0.167	ug/L	0.1266	75.72%
Cr 267.716†	-10.8	-0.475	ug/L	0.1413	-0.475	ug/L	0.1413	29.78%
Cu 224.700†	1.9	0.356	ug/L	0.1259	0.356	ug/L	0.1259	35.34%
Fe 238.204†	6.5	29.93	ug/L	11.053	29.93	ug/L	11.053	36.93%
K 766.490†	22918.0	2833	ug/L	14.5	2833	ug/L	14.5	0.51%
Mg 285.213†	22073.4	3945	ug/L	5.4	3945	ug/L	5.4	0.14%
Mn 257.610†	1210.0	3.823	ug/L	0.0532	3.823	ug/L	0.0532	1.39%
Mo 202.031†	-6.1	-1.518	ug/L	0.2288	-1.518	ug/L	0.2288	15.07%
Na 589.592†	1957385.1	109600	ug/L	2091.8	109600	ug/L	2091.8	1.91%
Ni 231.604†	20.8	3.137	ug/L	0.2543	3.137	ug/L	0.2543	8.11%
Pb 220.353†	2.6	2.357	ug/L	0.3938	2.357	ug/L	0.3938	16.71%
Sb 206.836†	-5.7	-3.972	ug/L	1.9972	-3.972	ug/L	1.9972	50.28%
Se 196.026†	-3.8	-6.354	ug/L	3.8189	-6.354	ug/L	3.8189	60.10%
V 311.071†	155.6	0.866	ug/L	0.2474	0.866	ug/L	0.2474	28.55%
Sn 189.927†	-4.0	-2.535	ug/L	8.9462	-2.535	ug/L	8.9462	352.90%
Sr 421.552†	42385.7	59.75	ug/L	0.307	59.75	ug/L	0.307	0.51%
Tl 190.801†	0.6	0.538	ug/L	4.2380	0.538	ug/L	4.2380	787.04%
Zn 206.200†	28.1	4.074	ug/L	0.1179	4.074	ug/L	0.1179	2.89%
Ti 334.940†	69.5	0.129	ug/L	0.0609	0.129	ug/L	0.0609	47.17%

Sequence No.: 25
Sample ID: 220-8033-b-5-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 2/20/2009 2:59:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-5-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	226159.8	0.949	mg/L	0.0056				0.59%
Y (radial)	21217.4	1.025	mg/L	0.0138				1.34%
Ag 328.068†	14.8	0.113	ug/L	0.1361	0.113	ug/L	0.1361	120.08%
Al 396.153†	-168.5	-22.54	ug/L	0.981	-22.54	ug/L	0.981	4.35%
As 188.979†	-4.6	-4.970	ug/L	8.6853	-4.970	ug/L	8.6853	174.75%
B 249.677†	1255.4	97.36	ug/L	1.250	97.36	ug/L	1.250	1.28%
Ba 233.527†	1150.2	22.23	ug/L	0.266	22.23	ug/L	0.266	1.20%
Be 313.107†	-73.7	-0.070	ug/L	0.0431	-0.070	ug/L	0.0431	61.59%
Ca 317.933†	90866.4	23320	ug/L	175.2	23320	ug/L	175.2	0.75%
Cd 214.440†	32.1	1.114	ug/L	0.1252	1.114	ug/L	0.1252	11.24%
Co 228.616†	18.4	1.395	ug/L	0.1330	1.395	ug/L	0.1330	9.53%
Cr 267.716†	-16.4	-0.720	ug/L	0.5938	-0.720	ug/L	0.5938	82.43%
Cu 224.700†	13.3	2.554	ug/L	0.1070	2.554	ug/L	0.1070	4.19%
Fe 238.204†	8.2	37.95	ug/L	5.844	37.95	ug/L	5.844	15.40%
K 766.490†	29158.4	3605	ug/L	2.2	3605	ug/L	2.2	0.06%
Mg 285.213†	53394.9	9544	ug/L	0.9	9544	ug/L	0.9	0.01%
Mn 257.610†	122581.9	387.3	ug/L	0.52	387.3	ug/L	0.52	0.13%
Mo 202.031†	-5.2	-1.292	ug/L	0.2630	-1.292	ug/L	0.2630	20.36%
Na 589.592†	2766119.3	154800	ug/L	2053.7	154800	ug/L	2053.7	1.33%
Ni 231.604†	1.1	0.169	ug/L	1.9120	0.169	ug/L	1.9120	>999.9%
Pb 220.353†	-15.0	-7.727	ug/L	1.3190	-7.727	ug/L	1.3190	17.07%
Sb 206.836†	-10.9	-7.583	ug/L	1.7030	-7.583	ug/L	1.7030	22.46%
Se 196.026†	-4.1	-3.210	ug/L	24.0123	-3.210	ug/L	24.0123	748.09%
V 311.071†	100.3	0.559	ug/L	0.3914	0.559	ug/L	0.3914	70.07%
Sn 189.927†	-3.0	-1.366	ug/L	3.1042	-1.366	ug/L	3.1042	227.20%
Sr 421.552†	57766.4	81.43	ug/L	0.204	81.43	ug/L	0.204	0.25%
Tl 190.801†	6.3	6.817	ug/L	7.0483	6.817	ug/L	7.0483	103.39%
Zn 206.200†	46.5	6.745	ug/L	1.5119	6.745	ug/L	1.5119	22.42%
Ti 334.940†	25.7	0.048	ug/L	0.0105	0.048	ug/L	0.0105	21.92%

Sequence No.: 26
Sample ID: 220-8033-b-6-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 2/20/2009 3:02:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-6-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	232758.0	0.977	mg/L	0.0035				0.36%
Y (radial)	21081.3	1.018	mg/L	0.0140				1.38%
Ag 328.068†	30.1	0.231	ug/L	0.2267	0.231	ug/L	0.2267	98.29%
Al 396.153†	-157.3	-20.99	ug/L	3.541	-20.99	ug/L	3.541	16.87%
As 188.979†	-0.4	-0.400	ug/L	5.1702	-0.400	ug/L	5.1702	>999.9%
B 249.677†	851.8	66.07	ug/L	0.043	66.07	ug/L	0.043	0.07%
Ba 233.527†	1257.2	24.29	ug/L	0.269	24.29	ug/L	0.269	1.11%
Be 313.107†	-21.2	-0.020	ug/L	0.1790	-0.020	ug/L	0.1790	905.94%
Ca 317.933†	120800.4	31000	ug/L	217.7	31000	ug/L	217.7	0.70%
Cd 214.440†	19.9	0.691	ug/L	0.1347	0.691	ug/L	0.1347	19.48%
Co 228.616†	12.4	0.935	ug/L	0.3639	0.935	ug/L	0.3639	38.91%
Cr 267.716†	-0.7	-0.031	ug/L	0.1804	-0.031	ug/L	0.1804	590.81%
Cu 224.700†	23.1	4.483	ug/L	0.9706	4.483	ug/L	0.9706	21.65%
Fe 238.204†	7.0	32.44	ug/L	4.614	32.44	ug/L	4.614	14.23%
K 766.490†	34827.1	4306	ug/L	29.6	4306	ug/L	29.6	0.69%
Mg 285.213†	142427.4	25460	ug/L	77.8	25460	ug/L	77.8	0.31%
Mn 257.610†	33244.0	105.0	ug/L	0.28	105.0	ug/L	0.28	0.27%
Mo 202.031†	-10.3	-2.550	ug/L	0.3242	-2.550	ug/L	0.3242	12.72%
Na 589.592†	351746.9	19690	ug/L	297.7	19690	ug/L	297.7	1.51%
Ni 231.604†	12.2	1.846	ug/L	1.6117	1.846	ug/L	1.6117	87.31%
Pb 220.353†	-10.5	-4.025	ug/L	3.2889	-4.025	ug/L	3.2889	81.71%
Sb 206.836†	-13.0	-9.024	ug/L	1.5550	-9.024	ug/L	1.5550	17.23%
Se 196.026†	-8.0	-9.443	ug/L	6.3959	-9.443	ug/L	6.3959	67.73%
V 311.071†	214.8	1.198	ug/L	0.2141	1.198	ug/L	0.2141	17.88%
Sn 189.927†	-2.2	-0.530	ug/L	0.5882	-0.530	ug/L	0.5882	111.06%
Sr 421.552†	181522.2	255.9	ug/L	0.65	255.9	ug/L	0.65	0.26%
Tl 190.801†	0.5	-0.097	ug/L	3.4241	-0.097	ug/L	3.4241	>999.9%
Zn 206.200†	65.5	9.504	ug/L	0.1065	9.504	ug/L	0.1065	1.12%
Ti 334.940†	62.8	0.117	ug/L	0.0780	0.117	ug/L	0.0780	66.87%

Sequence No.: 27
Sample ID: 220-8033-b-7-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 2/20/2009 3:05:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-7-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	230969.2	0.969	mg/L	0.0044				0.45%
Y (radial)	21011.0	1.015	mg/L	0.0143				1.41%
Ag 328.068†	28.2	0.216	ug/L	0.1387	0.216	ug/L	0.1387	64.35%
Al 396.153†	-186.3	-25.00	ug/L	0.807	-25.00	ug/L	0.807	3.23%
As 188.979†	-7.2	-7.758	ug/L	6.6758	-7.758	ug/L	6.6758	86.05%
B 249.677†	1783.4	138.3	ug/L	0.41	138.3	ug/L	0.41	0.29%
Ba 233.527†	2690.1	51.98	ug/L	0.462	51.98	ug/L	0.462	0.89%
Be 313.107†	90.8	0.087	ug/L	0.0307	0.087	ug/L	0.0307	35.49%
Ca 317.933†	94156.7	24160	ug/L	10.4	24160	ug/L	10.4	0.04%
Cd 214.440†	26.0	0.903	ug/L	0.3786	0.903	ug/L	0.3786	41.91%
Co 228.616†	-3.9	-0.293	ug/L	0.1595	-0.293	ug/L	0.1595	54.40%
Cr 267.716†	-15.1	-0.662	ug/L	0.2141	-0.662	ug/L	0.2141	32.35%
Cu 224.700†	8.7	1.689	ug/L	0.3541	1.689	ug/L	0.3541	20.97%
Fe 238.204†	3.6	16.53	ug/L	20.349	16.53	ug/L	20.349	123.12%
K 766.490†	36656.2	4532	ug/L	1.0	4532	ug/L	1.0	0.02%
Mg 285.213†	45881.7	8201	ug/L	20.1	8201	ug/L	20.1	0.25%
Mn 257.610†	23524.8	74.32	ug/L	0.428	74.32	ug/L	0.428	0.58%
Mo 202.031†	4.8	1.192	ug/L	0.2728	1.192	ug/L	0.2728	22.90%
Na 589.592†	1707303.6	95570	ug/L	2528.5	95570	ug/L	2528.5	2.65%
Ni 231.604†	-4.4	-0.659	ug/L	0.1928	-0.659	ug/L	0.1928	29.25%
Pb 220.353†	-6.7	-2.120	ug/L	1.5354	-2.120	ug/L	1.5354	72.41%
Sb 206.836†	-18.2	-12.65	ug/L	2.744	-12.65	ug/L	2.744	21.70%
Se 196.026†	-6.5	-7.837	ug/L	7.1970	-7.837	ug/L	7.1970	91.83%
V 311.071†	84.4	0.468	ug/L	0.1751	0.468	ug/L	0.1751	37.42%
Sn 189.927†	-6.6	-3.814	ug/L	7.5139	-3.814	ug/L	7.5139	197.02%
Sr 421.552†	121103.7	170.7	ug/L	0.53	170.7	ug/L	0.53	0.31%
Tl 190.801†	1.4	0.873	ug/L	7.8192	0.873	ug/L	7.8192	895.33%
Zn 206.200†	43.9	6.366	ug/L	1.1710	6.366	ug/L	1.1710	18.39%
Ti 334.940†	20.9	0.039	ug/L	0.0235	0.039	ug/L	0.0235	60.73%

Sequence No.: 28
Sample ID: 220-8033-b-8-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 2/20/2009 3:09:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-8-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	223022.4	0.936	mg/L	0.0091				0.97%
Y (radial)	21250.0	1.027	mg/L	0.0067				0.66%
Ag 328.068†	24.7	0.190	ug/L	0.1928	0.190	ug/L	0.1928	101.35%
Al 396.153†	-154.0	-20.54	ug/L	4.504	-20.54	ug/L	4.504	21.93%
As 188.979†	-7.9	-8.506	ug/L	1.2914	-8.506	ug/L	1.2914	15.18%
B 249.677†	2501.7	194.0	ug/L	2.54	194.0	ug/L	2.54	1.31%
Ba 233.527†	1222.3	23.62	ug/L	0.372	23.62	ug/L	0.372	1.58%
Be 313.107†	-168.8	-0.157	ug/L	0.0893	-0.157	ug/L	0.0893	56.94%
Ca 317.933†	218820.5	56150	ug/L	5.9	56150	ug/L	5.9	0.01%
Cd 214.440†	16.8	0.582	ug/L	0.2073	0.582	ug/L	0.2073	35.63%
Co 228.616†	7.4	0.561	ug/L	0.0223	0.561	ug/L	0.0223	3.98%
Cr 267.716†	-29.4	-1.286	ug/L	0.1669	-1.286	ug/L	0.1669	12.98%
Cu 224.700†	17.9	3.464	ug/L	1.6975	3.464	ug/L	1.6975	49.01%
Fe 238.204†	8.1	37.42	ug/L	1.445	37.42	ug/L	1.445	3.86%
K 766.490†	72465.3	8959	ug/L	9.7	8959	ug/L	9.7	0.11%
Mg 285.213†	158244.8	28290	ug/L	21.4	28290	ug/L	21.4	0.08%
Mn 257.610†	185451.0	585.9	ug/L	5.39	585.9	ug/L	5.39	0.92%
Mo 202.031†	-11.6	-2.888	ug/L	1.6483	-2.888	ug/L	1.6483	57.07%
Na 589.592†	4940436.3	276500	ug/L	285.2	276500	ug/L	285.2	0.10%
Ni 231.604†	-2.0	-0.300	ug/L	0.6208	-0.300	ug/L	0.6208	207.23%
Pb 220.353†	-2.8	3.436	ug/L	0.6385	3.436	ug/L	0.6385	18.58%
Sb 206.836†	-5.0	-3.479	ug/L	1.6015	-3.479	ug/L	1.6015	46.03%
Se 196.026†	-10.1	-7.977	ug/L	9.7848	-7.977	ug/L	9.7848	122.66%
V 311.071†	399.6	2.217	ug/L	0.3486	2.217	ug/L	0.3486	15.72%
Sn 189.927†	-13.2	-7.317	ug/L	3.2822	-7.317	ug/L	3.2822	44.86%
Sr 421.552†	154305.5	217.5	ug/L	0.08	217.5	ug/L	0.08	0.04%
Tl 190.801†	5.1	4.445	ug/L	5.4214	4.445	ug/L	5.4214	121.96%
Zn 206.200†	46.2	6.700	ug/L	0.8244	6.700	ug/L	0.8244	12.30%
Ti 334.940†	570.9	1.061	ug/L	0.0122	1.061	ug/L	0.0122	1.15%

Sequence No.: 29
Sample ID: 220-8033-b-9-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 2/20/2009 3:12:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-9-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	223212.3	0.937	mg/L	0.0011				0.11%
Y (radial)	21043.6	1.017	mg/L	0.0036				0.35%
Ag 328.068†	272.1	2.081	ug/L	0.0800	2.081	ug/L	0.0800	3.85%
Al 396.153†	-246.7	-32.86	ug/L	0.697	-32.86	ug/L	0.697	2.12%
As 188.979†	-3.6	-3.895	ug/L	0.0376	-3.895	ug/L	0.0376	0.96%
B 249.677†	4248.8	329.3	ug/L	1.02	329.3	ug/L	1.02	0.31%
Ba 233.527†	2856.7	55.21	ug/L	0.026	55.21	ug/L	0.026	0.05%
Be 313.107†	-91.8	-0.087	ug/L	0.1054	-0.087	ug/L	0.1054	120.77%
Ca 317.933†	283539.6	72760	ug/L	278.5	72760	ug/L	278.5	0.38%
Cd 214.440†	159.0	5.532	ug/L	0.3391	5.532	ug/L	0.3391	6.13%
Co 228.616†	54.7	4.138	ug/L	0.3126	4.138	ug/L	0.3126	7.56%
Cr 267.716†	40.5	1.781	ug/L	0.9273	1.781	ug/L	0.9273	52.07%
Cu 224.700†	30.1	5.857	ug/L	0.8393	5.857	ug/L	0.8393	14.33%
Fe 238.204†	3.5	16.07	ug/L	8.344	16.07	ug/L	8.344	51.94%
K 766.490†	70794.0	8753	ug/L	5.6	8753	ug/L	5.6	0.06%
Mg 285.213†	174716.3	31230	ug/L	114.0	31230	ug/L	114.0	0.37%
Mn 257.610†	3210013.0	10140	ug/L	38.5	10140	ug/L	38.5	0.38%
Mo 202.031†	-22.8	-5.646	ug/L	1.8368	-5.646	ug/L	1.8368	32.54%
Na 589.592†	2734542.3	153100	ug/L	1343.8	153100	ug/L	1343.8	0.88%
Ni 231.604†	64.9	9.810	ug/L	1.7606	9.810	ug/L	1.7606	17.95%
Pb 220.353†	-8.9	0.967	ug/L	3.5942	0.967	ug/L	3.5942	371.63%
Sb 206.836†	-13.4	-9.351	ug/L	5.5729	-9.351	ug/L	5.5729	59.59%
Se 196.026†	-13.7	-11.58	ug/L	0.340	-11.58	ug/L	0.340	2.93%
V 311.071†	959.0	5.349	ug/L	0.2968	5.349	ug/L	0.2968	5.55%
Sn 189.927†	-3.4	-0.060	ug/L	0.2240	-0.060	ug/L	0.2240	374.37%
Sr 421.552†	240630.1	339.2	ug/L	2.21	339.2	ug/L	2.21	0.65%
Tl 190.801†	16.4	17.19	ug/L	5.612	17.19	ug/L	5.612	32.65%
Zn 206.200†	99.8	14.50	ug/L	1.886	14.50	ug/L	1.886	13.01%
Ti 334.940†	16.8	0.031	ug/L	0.0229	0.031	ug/L	0.0229	73.49%

Sequence No.: 30
Sample ID: 220-8033-b-10-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 2/20/2009 3:15:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-b-10-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	227352.3	0.954	mg/L	0.0050				0.53%
Y (radial)	21081.9	1.018	mg/L	0.0060				0.58%
Ag 328.068†	17.9	0.137	ug/L	0.1868	0.137	ug/L	0.1868	135.94%
Al 396.153†	-182.2	-24.28	ug/L	1.379	-24.28	ug/L	1.379	5.68%
As 188.979†	-0.1	-0.134	ug/L	1.8847	-0.134	ug/L	1.8847	>999.9%
B 249.677†	3766.1	291.9	ug/L	0.89	291.9	ug/L	0.89	0.31%
Ba 233.527†	2140.4	41.36	ug/L	0.373	41.36	ug/L	0.373	0.90%
Be 313.107†	-116.9	-0.111	ug/L	0.0593	-0.111	ug/L	0.0593	53.31%
Ca 317.933†	128181.3	32890	ug/L	147.0	32890	ug/L	147.0	0.45%
Cd 214.440†	12.3	0.428	ug/L	0.0500	0.428	ug/L	0.0500	11.69%
Co 228.616†	14.2	1.076	ug/L	0.4032	1.076	ug/L	0.4032	37.46%
Cr 267.716†	-15.0	-0.657	ug/L	0.4659	-0.657	ug/L	0.4659	70.87%
Cu 224.700†	19.8	3.852	ug/L	0.9486	3.852	ug/L	0.9486	24.62%
Fe 238.204†	1.3	5.901	ug/L	7.8920	5.901	ug/L	7.8920	133.74%
K 766.490†	35639.9	4406	ug/L	10.5	4406	ug/L	10.5	0.24%
Mg 285.213†	98957.3	17690	ug/L	20.2	17690	ug/L	20.2	0.11%
Mn 257.610†	78009.1	246.5	ug/L	1.13	246.5	ug/L	1.13	0.46%
Mo 202.031†	-15.5	-3.841	ug/L	0.2113	-3.841	ug/L	0.2113	5.50%
Na 589.592†	3039596.1	170100	ug/L	6458.0	170100	ug/L	6458.0	3.80%
Ni 231.604†	14.6	2.213	ug/L	2.3200	2.213	ug/L	2.3200	104.85%
Pb 220.353†	-10.5	-3.844	ug/L	4.3300	-3.844	ug/L	4.3300	112.63%
Sb 206.836†	-18.2	-12.67	ug/L	4.927	-12.67	ug/L	4.927	38.88%
Se 196.026†	-7.1	-7.085	ug/L	11.3269	-7.085	ug/L	11.3269	159.87%
V 311.071†	184.8	1.034	ug/L	0.4079	1.034	ug/L	0.4079	39.45%
Sn 189.927†	-11.4	-6.823	ug/L	1.9082	-6.823	ug/L	1.9082	27.97%
Sr 421.552†	95300.6	134.3	ug/L	0.15	134.3	ug/L	0.15	0.11%
Tl 190.801†	5.2	5.209	ug/L	2.2338	5.209	ug/L	2.2338	42.89%
Zn 206.200†	46.9	6.804	ug/L	0.0578	6.804	ug/L	0.0578	0.85%
Ti 334.940†	4.1	0.008	ug/L	0.0400	0.008	ug/L	0.0400	522.27%

Sequence No.: 31
Sample ID: 220-8093-a-6-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 2/20/2009 3:19:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8093-a-6-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	247929.1	1.040	mg/L	0.0057				0.54%
Y (radial)	21253.2	1.027	mg/L	0.0152				1.48%
Ag 328.068†	60.5	0.461	ug/L	0.0035	0.461	ug/L	0.0035	0.76%
Al 396.153†	-154.2	-20.63	ug/L	4.518	-20.63	ug/L	4.518	21.90%
As 188.979†	0.6	0.623	ug/L	3.2208	0.623	ug/L	3.2208	517.13%
B 249.677†	-81.8	-6.302	ug/L	0.5762	-6.302	ug/L	0.5762	9.14%
Ba 233.527†	20.2	0.388	ug/L	0.0341	0.388	ug/L	0.0341	8.78%
Be 313.107†	324.3	0.309	ug/L	0.1067	0.309	ug/L	0.1067	34.48%
Ca 317.933†	-94.2	-24.18	ug/L	3.138	-24.18	ug/L	3.138	12.98%
Cd 214.440†	21.1	0.732	ug/L	0.2179	0.732	ug/L	0.2179	29.76%
Co 228.616†	2.1	0.162	ug/L	0.3136	0.162	ug/L	0.3136	193.44%
Cr 267.716†	-13.8	-0.607	ug/L	0.3712	-0.607	ug/L	0.3712	61.13%
Cu 224.700†	-8.0	-1.574	ug/L	0.3136	-1.574	ug/L	0.3136	19.93%
Fe 238.204†	6.3	28.93	ug/L	11.293	28.93	ug/L	11.293	39.04%
K 766.490†	631.3	78.05	ug/L	9.823	78.05	ug/L	9.823	12.59%
Mg 285.213†	-2.2	-0.400	ug/L	0.9942	-0.400	ug/L	0.9942	248.41%
Mn 257.610†	45.0	0.142	ug/L	0.0332	0.142	ug/L	0.0332	23.38%
Mo 202.031†	-3.5	-0.858	ug/L	0.4332	-0.858	ug/L	0.4332	50.52%
Na 589.592†	4209.5	235.6	ug/L	11.11	235.6	ug/L	11.11	4.71%
Ni 231.604†	0.9	0.141	ug/L	0.2824	0.141	ug/L	0.2824	200.98%
Pb 220.353†	-1.3	-0.864	ug/L	0.4776	-0.864	ug/L	0.4776	55.26%
Sb 206.836†	-2.3	-1.611	ug/L	1.2745	-1.611	ug/L	1.2745	79.11%
Se 196.026†	3.0	6.174	ug/L	0.2168	6.174	ug/L	0.2168	3.51%
V 311.071†	-140.8	-0.786	ug/L	0.1921	-0.786	ug/L	0.1921	24.45%
Sn 189.927†	-7.6	-5.199	ug/L	0.6611	-5.199	ug/L	0.6611	12.71%
Sr 421.552†	-240.3	-0.339	ug/L	0.0216	-0.339	ug/L	0.0216	6.36%
Tl 190.801†	1.3	1.556	ug/L	2.6112	1.556	ug/L	2.6112	167.82%
Zn 206.200†	24.4	3.532	ug/L	0.0075	3.532	ug/L	0.0075	0.21%
Ti 334.940†	72.9	0.135	ug/L	0.0044	0.135	ug/L	0.0044	3.21%

Sequence No.: 32
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/20/2009 3:22:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	237196.5	0.995	mg/L	0.0079				0.80%
Y (radial)	21113.6	1.020	mg/L	0.0123				1.21%
Ag 328.068†	6271.4	48.22	ug/L	0.445	48.22	ug/L	0.445	0.92%
QC value within limits for Ag 328.068 Recovery = 96.43%								
Al 396.153†	34873.8	4656	ug/L	7.1	4656	ug/L	7.1	0.15%
QC value within limits for Al 396.153 Recovery = 93.13%								
As 188.979†	466.9	506.4	ug/L	8.96	506.4	ug/L	8.96	1.77%
QC value within limits for As 188.979 Recovery = 101.28%								
B 249.677†	6125.2	480.7	ug/L	1.78	480.7	ug/L	1.78	0.37%
QC value within limits for B 249.677 Recovery = 96.15%								
Ba 233.527†	25309.2	490.1	ug/L	0.72	490.1	ug/L	0.72	0.15%
QC value within limits for Ba 233.527 Recovery = 98.01%								
Be 313.107†	512607.4	490.0	ug/L	2.13	490.0	ug/L	2.13	0.43%
QC value within limits for Be 313.107 Recovery = 97.99%								
Ca 317.933†	70890.6	18190	ug/L	203.4	18190	ug/L	203.4	1.12%
QC value within limits for Ca 317.933 Recovery = 97.02%								
Cd 214.440†	14351.4	499.2	ug/L	5.51	499.2	ug/L	5.51	1.10%
QC value within limits for Cd 214.440 Recovery = 99.84%								
Co 228.616†	6669.6	503.4	ug/L	2.61	503.4	ug/L	2.61	0.52%
QC value within limits for Co 228.616 Recovery = 100.67%								
Cr 267.716†	11503.7	504.9	ug/L	4.76	504.9	ug/L	4.76	0.94%
QC value within limits for Cr 267.716 Recovery = 100.98%								
Cu 224.700†	2510.0	484.3	ug/L	7.50	484.3	ug/L	7.50	1.55%
QC value within limits for Cu 224.700 Recovery = 96.86%								
Fe 238.204†	1052.0	4869	ug/L	44.6	4869	ug/L	44.6	0.92%
QC value within limits for Fe 238.204 Recovery = 97.37%								
K 766.490†	137954.3	17060	ug/L	102.6	17060	ug/L	102.6	0.60%
QC value less than the lower limit for K 766.490 Recovery = 85.28%								
Mg 285.213†	99839.2	17850	ug/L	48.3	17850	ug/L	48.3	0.27%
QC value within limits for Mg 285.213 Recovery = 95.18%								
Mn 257.610†	155866.9	492.4	ug/L	2.68	492.4	ug/L	2.68	0.54%
QC value within limits for Mn 257.610 Recovery = 98.48%								
Mo 202.031†	1993.4	494.5	ug/L	2.65	494.5	ug/L	2.65	0.54%
QC value within limits for Mo 202.031 Recovery = 98.89%								
Na 589.592†	320870.8	17960	ug/L	130.0	17960	ug/L	130.0	0.72%
QC value less than the lower limit for Na 589.592 Recovery = 89.81%								
Ni 231.604†	3348.7	506.3	ug/L	3.29	506.3	ug/L	3.29	0.65%
QC value within limits for Ni 231.604 Recovery = 101.27%								
Pb 220.353†	757.0	503.7	ug/L	3.38	503.7	ug/L	3.38	0.67%
QC value within limits for Pb 220.353 Recovery = 100.73%								
Sb 206.836†	695.9	482.4	ug/L	8.94	482.4	ug/L	8.94	1.85%
QC value within limits for Sb 206.836 Recovery = 96.49%								
Se 196.026†	235.9	497.9	ug/L	4.26	497.9	ug/L	4.26	0.86%
QC value within limits for Se 196.026 Recovery = 99.59%								
V 311.071†	84500.5	464.8	ug/L	1.19	464.8	ug/L	1.19	0.26%
QC value within limits for V 311.071 Recovery = 92.96%								
Sn 189.927†	709.2	491.2	ug/L	8.29	491.2	ug/L	8.29	1.69%
QC value within limits for Sn 189.927 Recovery = 98.23%								
Sr 421.552†	343953.8	484.9	ug/L	1.54	484.9	ug/L	1.54	0.32%
QC value within limits for Sr 421.552 Recovery = 96.97%								
Tl 190.801†	428.3	510.0	ug/L	0.51	510.0	ug/L	0.51	0.10%
QC value within limits for Tl 190.801 Recovery = 102.00%								
Zn 206.200†	3479.7	508.7	ug/L	6.29	508.7	ug/L	6.29	1.24%
QC value within limits for Zn 206.200 Recovery = 101.74%								
Ti 334.940†	259836.3	482.7	ug/L	1.06	482.7	ug/L	1.06	0.22%
QC value within limits for Ti 334.940 Recovery = 96.54%								

QC Failed. Continue with analysis.

Sequence No.: 33
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/20/2009 3:25:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	245027.5	1.028	mg/L	0.0023				0.22%
Y (radial)	21367.6	1.032	mg/L	0.0060				0.58%
Ag 328.068†	22.6	0.172	ug/L	0.2311	0.172	ug/L	0.2311	134.60%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-25.2	-3.372	ug/L	1.9380	-3.372	ug/L	1.9380	57.48%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-5.7	-6.204	ug/L	6.9720	-6.204	ug/L	6.9720	112.37%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677†	21.2	1.678	ug/L	0.6942	1.678	ug/L	0.6942	41.37%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527†	24.0	0.462	ug/L	0.1086	0.462	ug/L	0.1086	23.50%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	335.2	0.320	ug/L	0.1253	0.320	ug/L	0.1253	39.21%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-4.0	-1.020	ug/L	2.8346	-1.020	ug/L	2.8346	277.85%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	9.3	0.324	ug/L	0.3649	0.324	ug/L	0.3649	112.77%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	2.5	0.185	ug/L	0.0078	0.185	ug/L	0.0078	4.24%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	6.7	0.294	ug/L	0.1469	0.294	ug/L	0.1469	49.90%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 224.700†	2.3	0.435	ug/L	0.0004	0.435	ug/L	0.0004	0.09%
QC value within limits for Cu 224.700 Recovery = Not calculated								
Fe 238.204†	4.9	22.70	ug/L	4.603	22.70	ug/L	4.603	20.28%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	392.2	48.49	ug/L	4.103	48.49	ug/L	4.103	8.46%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	-0.5	-0.091	ug/L	0.9052	-0.091	ug/L	0.9052	>999.9%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	9.5	0.030	ug/L	0.0067	0.030	ug/L	0.0067	22.35%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-1.0	-0.247	ug/L	1.2901	-0.247	ug/L	1.2901	521.29%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	689.9	38.62	ug/L	5.477	38.62	ug/L	5.477	14.18%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-4.5	-0.681	ug/L	0.8417	-0.681	ug/L	0.8417	123.67%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	1.8	1.206	ug/L	0.6209	1.206	ug/L	0.6209	51.47%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-8.9	-6.208	ug/L	1.6006	-6.208	ug/L	1.6006	25.78%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	5.2	10.66	ug/L	3.001	10.66	ug/L	3.001	28.16%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-158.1	-0.882	ug/L	0.3588	-0.882	ug/L	0.3588	40.66%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	-2.7	-1.862	ug/L	2.0045	-1.862	ug/L	2.0045	107.63%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-41.7	-0.059	ug/L	0.0507	-0.059	ug/L	0.0507	86.20%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	1.6	1.900	ug/L	1.9439	1.900	ug/L	1.9439	102.29%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	6.3	0.923	ug/L	0.6198	0.923	ug/L	0.6198	67.14%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	58.6	0.109	ug/L	0.0045	0.109	ug/L	0.0045	4.09%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 34
Sample ID: 220-8093-a-6-b du
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 2/20/2009 3:28:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8093-a-6-b du

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	245476.0	1.030	mg/L	0.0034				0.33%
Y (radial)	21535.1	1.040	mg/L	0.0034				0.33%
Ag 328.068†	45.8	0.349	ug/L	0.0171	0.349	ug/L	0.0171	4.90%
Al 396.153†	-156.7	-20.98	ug/L	2.697	-20.98	ug/L	2.697	12.86%
As 188.979†	-5.0	-5.422	ug/L	4.7916	-5.422	ug/L	4.7916	88.38%
B 249.677†	-91.9	-7.106	ug/L	1.4664	-7.106	ug/L	1.4664	20.64%
Ba 233.527†	21.4	0.411	ug/L	0.1184	0.411	ug/L	0.1184	28.81%
Be 313.107†	266.4	0.254	ug/L	0.0230	0.254	ug/L	0.0230	9.07%
Ca 317.933†	-145.4	-37.32	ug/L	2.798	-37.32	ug/L	2.798	7.50%
Cd 214.440†	18.6	0.647	ug/L	0.0699	0.647	ug/L	0.0699	10.80%
Co 228.616†	-3.2	-0.239	ug/L	0.2189	-0.239	ug/L	0.2189	91.73%
Cr 267.716†	-17.4	-0.762	ug/L	0.0724	-0.762	ug/L	0.0724	9.50%
Cu 224.700†	7.0	1.354	ug/L	1.5218	1.354	ug/L	1.5218	112.43%
Fe 238.204†	2.8	12.86	ug/L	0.434	12.86	ug/L	0.434	3.38%
K 766.490†	424.6	52.50	ug/L	14.673	52.50	ug/L	14.673	27.95%
Mg 285.213†	-8.1	-1.452	ug/L	0.2548	-1.452	ug/L	0.2548	17.54%
Mn 257.610†	34.6	0.109	ug/L	0.0184	0.109	ug/L	0.0184	16.79%
Mo 202.031†	-2.3	-0.580	ug/L	1.0383	-0.580	ug/L	1.0383	179.03%
Na 589.592†	2513.4	140.7	ug/L	9.77	140.7	ug/L	9.77	6.95%
Ni 231.604†	-10.2	-1.544	ug/L	0.4109	-1.544	ug/L	0.4109	26.61%
Pb 220.353†	1.0	0.652	ug/L	0.8067	0.652	ug/L	0.8067	123.65%
Sb 206.836†	0.8	0.588	ug/L	1.2329	0.588	ug/L	1.2329	209.60%
Se 196.026†	0.1	0.250	ug/L	14.0197	0.250	ug/L	14.0197	>999.9%
V 311.071†	-193.9	-1.081	ug/L	0.1943	-1.081	ug/L	0.1943	17.96%
Sn 189.927†	-0.5	-0.323	ug/L	0.1073	-0.323	ug/L	0.1073	33.22%
Sr 421.552†	-310.2	-0.437	ug/L	0.0149	-0.437	ug/L	0.0149	3.41%
Tl 190.801†	-0.5	-0.587	ug/L	6.2091	-0.587	ug/L	6.2091	>999.9%
Zn 206.200†	17.4	2.514	ug/L	0.9427	2.514	ug/L	0.9427	37.50%
Ti 334.940†	61.4	0.114	ug/L	0.0154	0.114	ug/L	0.0154	13.47%

Sequence No.: 35
Sample ID: 220-8093-a-6-c ms
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 2/20/2009 3:32:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8093-a-6-c ms

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	242618.4	1.018	mg/L	0.0037				0.36%
Y (radial)	21494.0	1.038	mg/L	0.0013				0.13%
Ag 328.068†	6809.8	52.34	ug/L	0.204	52.34	ug/L	0.204	0.39%
Al 396.153†	13647.2	1795	ug/L	1.3	1795	ug/L	1.3	0.07%
As 188.979†	36.3	36.18	ug/L	8.777	36.18	ug/L	8.777	24.26%
B 249.677†	13123.2	1017	ug/L	3.3	1017	ug/L	3.3	0.32%
Ba 233.527†	100850.5	1950	ug/L	2.7	1950	ug/L	2.7	0.14%
Be 313.107†	48925.5	50.35	ug/L	0.058	50.35	ug/L	0.058	0.12%
Ca 317.933†	36405.2	9342	ug/L	131.9	9342	ug/L	131.9	1.41%
Cd 214.440†	1424.5	49.52	ug/L	0.061	49.52	ug/L	0.061	0.12%
Co 228.616†	6525.3	491.4	ug/L	1.10	491.4	ug/L	1.10	0.22%
Cr 267.716†	4493.4	197.6	ug/L	1.66	197.6	ug/L	1.66	0.84%
Cu 224.700†	1232.4	237.7	ug/L	2.31	237.7	ug/L	2.31	0.97%
Fe 238.204†	205.3	950.1	ug/L	14.27	950.1	ug/L	14.27	1.50%
K 766.490†	64014.8	7914	ug/L	124.0	7914	ug/L	124.0	1.57%
Mg 285.213†	52732.6	9426	ug/L	51.5	9426	ug/L	51.5	0.55%
Mn 257.610†	155544.0	491.4	ug/L	0.32	491.4	ug/L	0.32	0.07%
Mo 202.031†	4186.0	1038	ug/L	3.5	1038	ug/L	3.5	0.34%
Na 589.592†	158466.7	8870	ug/L	266.6	8870	ug/L	266.6	3.01%
Ni 231.604†	3280.7	496.0	ug/L	0.76	496.0	ug/L	0.76	0.15%
Pb 220.353†	16.8	15.06	ug/L	5.684	15.06	ug/L	5.684	37.74%
Sb 206.836†	1596.2	1117	ug/L	3.8	1117	ug/L	3.8	0.34%
Se 196.026†	19.9	46.54	ug/L	19.228	46.54	ug/L	19.228	41.32%
V 311.071†	87140.9	473.2	ug/L	0.31	473.2	ug/L	0.31	0.06%
Sn 189.927†	1480.5	1025	ug/L	17.7	1025	ug/L	17.7	1.73%
Sr 421.552†	80.2	0.113	ug/L	0.1147	0.113	ug/L	0.1147	101.50%
Tl 190.801†	41.0	49.24	ug/L	5.240	49.24	ug/L	5.240	10.64%
Zn 206.200†	3327.3	484.2	ug/L	2.86	484.2	ug/L	2.86	0.59%
Ti 334.940†	547832.8	1018	ug/L	0.5	1018	ug/L	0.5	0.05%

Sequence No.: 36
Sample ID: 220-8087-d-1-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 2/20/2009 3:35:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8087-d-1-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	279436.2	1.172	mg/L	0.0079				0.67%
Y (radial)	25874.4	1.250	mg/L	0.0028				0.22%
Ag 328.068†	-139.7	-1.003	ug/L	0.1590	-1.003	ug/L	0.1590	15.86%
Al 396.153†	291727.2	39090	ug/L	872.5	39090	ug/L	872.5	2.23%
As 188.979†	19.7	33.89	ug/L	4.750	33.89	ug/L	4.750	14.01%
B 249.677†	-1679.3	-2.134	ug/L	2.0468	-2.134	ug/L	2.0468	95.93%
Ba 233.527†	30025.4	580.3	ug/L	1.59	580.3	ug/L	1.59	0.27%
Be 313.107†	4088.1	4.613	ug/L	0.1157	4.613	ug/L	0.1157	2.51%
Ca 317.933†	129574.3	33250	ug/L	99.1	33250	ug/L	99.1	0.30%
Cd 214.440†	345.4	5.424	ug/L	0.6504	5.424	ug/L	0.6504	11.99%
Co 228.616†	828.5	62.26	ug/L	0.563	62.26	ug/L	0.563	0.90%
Cr 267.716†	1298.4	57.02	ug/L	0.761	57.02	ug/L	0.761	1.33%
Cu 224.700†	4214.2	755.8	ug/L	5.51	755.8	ug/L	5.51	0.73%
Fe 238.204†	18899.9	87470	ug/L	728.3	87470	ug/L	728.3	0.83%
K 766.490†	47007.1	5812	ug/L	32.8	5812	ug/L	32.8	0.56%
Mg 285.213†	91087.4	16280	ug/L	24.6	16280	ug/L	24.6	0.15%
Mn 257.610†	2391102.9	7554	ug/L	5.8	7554	ug/L	5.8	0.08%
Mo 202.031†	-16.8	-4.171	ug/L	0.8019	-4.171	ug/L	0.8019	19.23%
Na 589.592†	277797.4	15550	ug/L	448.7	15550	ug/L	448.7	2.89%
Ni 231.604†	917.1	138.7	ug/L	2.22	138.7	ug/L	2.22	1.60%
Pb 220.353†	1886.6	1245	ug/L	0.7	1245	ug/L	0.7	0.05%
Sb 206.836†	-5.9	-4.996	ug/L	3.1543	-4.996	ug/L	3.1543	63.13%
Se 196.026†	-47.0	-13.29	ug/L	0.250	-13.29	ug/L	0.250	1.88%
V 311.071†	15400.6	81.15	ug/L	0.571	81.15	ug/L	0.571	0.70%
Sn 189.927†	-2.8	0.466	ug/L	4.5740	0.466	ug/L	4.5740	981.61%
Sr 421.552†	108740.0	153.3	ug/L	3.22	153.3	ug/L	3.22	2.10%
Tl 190.801†	15.4	16.73	ug/L	10.356	16.73	ug/L	10.356	61.91%
Zn 206.200†	7318.2	1062	ug/L	4.6	1062	ug/L	4.6	0.43%
Ti 334.940†	105053.2	195.2	ug/L	0.91	195.2	ug/L	0.91	0.47%

Sequence No.: 37
Sample ID: 220-8087-d-1-b sd@5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 2/20/2009 3:38:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8087-d-1-b sd@5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	252453.5	1.059	mg/L	0.0098				0.92%
Y (radial)	21931.6	1.060	mg/L	0.0005				0.04%
Ag 328.068†	-1.7	0.001	ug/L	0.1022	0.001	ug/L	0.1022	>999.9%
Al 396.153†	67757.4	9078	ug/L	38.3	9078	ug/L	38.3	0.42%
As 188.979†	2.6	5.754	ug/L	0.7635	5.754	ug/L	0.7635	13.27%
B 249.677†	-383.0	0.768	ug/L	0.9015	0.768	ug/L	0.9015	117.39%
Ba 233.527†	7030.1	135.9	ug/L	1.64	135.9	ug/L	1.64	1.21%
Be 313.107†	1058.1	1.171	ug/L	0.1327	1.171	ug/L	0.1327	11.33%
Ca 317.933†	30024.4	7704	ug/L	132.1	7704	ug/L	132.1	1.71%
Cd 214.440†	92.2	1.638	ug/L	0.1579	1.638	ug/L	0.1579	9.64%
Co 228.616†	178.8	13.43	ug/L	1.250	13.43	ug/L	1.250	9.31%
Cr 267.716†	295.8	12.99	ug/L	0.174	12.99	ug/L	0.174	1.34%
Cu 224.700†	952.8	170.1	ug/L	2.29	170.1	ug/L	2.29	1.34%
Fe 238.204†	4495.1	20800	ug/L	320.5	20800	ug/L	320.5	1.54%
K 766.490†	9711.1	1201	ug/L	27.0	1201	ug/L	27.0	2.25%
Mg 285.213†	20743.1	3708	ug/L	17.8	3708	ug/L	17.8	0.48%
Mn 257.610†	567091.3	1792	ug/L	6.3	1792	ug/L	6.3	0.35%
Mo 202.031†	0.9	0.216	ug/L	1.8295	0.216	ug/L	1.8295	845.21%
Na 589.592†	61648.0	3451	ug/L	44.7	3451	ug/L	44.7	1.30%
Ni 231.604†	209.4	31.66	ug/L	0.330	31.66	ug/L	0.330	1.04%
Pb 220.353†	427.7	282.2	ug/L	6.45	282.2	ug/L	6.45	2.28%
Sb 206.836†	-8.7	-6.230	ug/L	4.7589	-6.230	ug/L	4.7589	76.39%
Se 196.026†	-3.8	12.08	ug/L	1.154	12.08	ug/L	1.154	9.55%
V 311.071†	3408.2	17.90	ug/L	0.565	17.90	ug/L	0.565	3.15%
Sn 189.927†	-4.0	-2.182	ug/L	2.1648	-2.182	ug/L	2.1648	99.23%
Sr 421.552†	26431.6	37.26	ug/L	0.165	37.26	ug/L	0.165	0.44%
Tl 190.801†	6.2	6.967	ug/L	3.3398	6.967	ug/L	3.3398	47.94%
Zn 206.200†	1707.3	247.8	ug/L	1.69	247.8	ug/L	1.69	0.68%
Ti 334.940†	23851.4	44.31	ug/L	0.480	44.31	ug/L	0.480	1.08%

Sequence No.: 38
Sample ID: 220-8087-e-1-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 2/20/2009 3:41:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8087-e-1-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	242650.1	1.018	mg/L	0.0067				0.66%
Y (radial)	21195.8	1.024	mg/L	0.0008				0.08%
Ag 328.068†	25.0	0.199	ug/L	0.0299	0.199	ug/L	0.0299	15.01%
Al 396.153†	37018.7	4960	ug/L	41.9	4960	ug/L	41.9	0.84%
As 188.979†	3.2	4.766	ug/L	0.0900	4.766	ug/L	0.0900	1.89%
B 249.677†	-154.4	1.377	ug/L	2.1887	1.377	ug/L	2.1887	158.94%
Ba 233.527†	3726.3	72.02	ug/L	0.116	72.02	ug/L	0.116	0.16%
Be 313.107†	572.7	0.731	ug/L	0.1577	0.731	ug/L	0.1577	21.58%
Ca 317.933†	42925.1	11010	ug/L	10.0	11010	ug/L	10.0	0.09%
Cd 214.440†	68.4	1.694	ug/L	0.0878	1.694	ug/L	0.0878	5.18%
Co 228.616†	85.3	6.346	ug/L	0.6833	6.346	ug/L	0.6833	10.77%
Cr 267.716†	137.5	6.042	ug/L	0.2374	6.042	ug/L	0.2374	3.93%
Cu 224.700†	422.4	75.50	ug/L	0.837	75.50	ug/L	0.837	1.11%
Fe 238.204†	1969.4	9114	ug/L	0.7	9114	ug/L	0.7	0.01%
K 766.490†	12412.9	1535	ug/L	11.3	1535	ug/L	11.3	0.73%
Mg 285.213†	14738.6	2634	ug/L	7.1	2634	ug/L	7.1	0.27%
Mn 257.610†	245976.8	777.1	ug/L	1.35	777.1	ug/L	1.35	0.17%
Mo 202.031†	-7.8	-1.941	ug/L	0.4745	-1.941	ug/L	0.4745	24.45%
Na 589.592†	310602.4	17390	ug/L	108.7	17390	ug/L	108.7	0.63%
Ni 231.604†	90.6	13.70	ug/L	0.631	13.70	ug/L	0.631	4.60%
Pb 220.353†	184.1	122.3	ug/L	0.99	122.3	ug/L	0.99	0.81%
Sb 206.836†	-7.1	-5.073	ug/L	1.7926	-5.073	ug/L	1.7926	35.34%
Se 196.026†	-6.4	-2.747	ug/L	8.8218	-2.747	ug/L	8.8218	321.11%
V 311.071†	1984.3	10.24	ug/L	0.487	10.24	ug/L	0.487	4.76%
Sn 189.927†	6.5	5.145	ug/L	0.2605	5.145	ug/L	0.2605	5.06%
Sr 421.552†	29157.5	41.10	ug/L	0.146	41.10	ug/L	0.146	0.36%
Tl 190.801†	0.3	-0.055	ug/L	1.8132	-0.055	ug/L	1.8132	>999.9%
Zn 206.200†	726.3	105.4	ug/L	0.52	105.4	ug/L	0.52	0.49%
Ti 334.940†	27067.9	50.29	ug/L	1.445	50.29	ug/L	1.445	2.87%

Sequence No.: 39
Sample ID: 220-8087-b-2-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 2/20/2009 3:45:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8087-b-2-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	223909.8	0.939	mg/L	0.0099				1.05%
Y (radial)	20783.9	1.004	mg/L	0.0026				0.26%
Ag 328.068†	-70.8	-0.534	ug/L	0.1404	-0.534	ug/L	0.1404	26.31%
Al 396.153†	19234.3	2577	ug/L	48.8	2577	ug/L	48.8	1.89%
As 188.979†	6.3	8.127	ug/L	6.6806	8.127	ug/L	6.6806	82.20%
B 249.677†	735.6	70.25	ug/L	0.637	70.25	ug/L	0.637	0.91%
Ba 233.527†	3196.1	61.77	ug/L	0.084	61.77	ug/L	0.084	0.14%
Be 313.107†	-66.3	0.087	ug/L	0.0518	0.087	ug/L	0.0518	59.20%
Ca 317.933†	740894.4	190100	ug/L	29.1	190100	ug/L	29.1	0.02%
Cd 214.440†	81.3	2.149	ug/L	0.0296	2.149	ug/L	0.0296	1.38%
Co 228.616†	57.4	4.262	ug/L	0.3604	4.262	ug/L	0.3604	8.46%
Cr 267.716†	178.8	7.848	ug/L	0.0551	7.848	ug/L	0.0551	0.70%
Cu 224.700†	95.6	11.93	ug/L	1.840	11.93	ug/L	1.840	15.42%
Fe 238.204†	1952.2	9035	ug/L	13.0	9035	ug/L	13.0	0.14%
K 766.490†	143900.7	17790	ug/L	281.9	17790	ug/L	281.9	1.58%
Mg 285.213†	170476.9	30470	ug/L	387.6	30470	ug/L	387.6	1.27%
Mn 257.610†	203974.5	644.4	ug/L	3.74	644.4	ug/L	3.74	0.58%
Mo 202.031†	-17.2	-4.275	ug/L	0.5472	-4.275	ug/L	0.5472	12.80%
Na 589.592†	3621739.7	202700	ug/L	86.5	202700	ug/L	86.5	0.04%
Ni 231.604†	31.6	4.777	ug/L	0.9101	4.777	ug/L	0.9101	19.05%
Pb 220.353†	-5.2	13.81	ug/L	3.620	13.81	ug/L	3.620	26.22%
Sb 206.836†	-16.8	-11.84	ug/L	6.231	-11.84	ug/L	6.231	52.64%
Se 196.026†	-17.2	15.57	ug/L	5.889	15.57	ug/L	5.889	37.82%
V 311.071†	1617.1	8.307	ug/L	0.8495	8.307	ug/L	0.8495	10.23%
Sn 189.927†	-7.4	1.041	ug/L	3.2896	1.041	ug/L	3.2896	316.13%
Sr 421.552†	790296.1	1114	ug/L	4.1	1114	ug/L	4.1	0.37%
Tl 190.801†	9.8	4.205	ug/L	2.0976	4.205	ug/L	2.0976	49.88%
Zn 206.200†	312.1	45.34	ug/L	1.129	45.34	ug/L	1.129	2.49%
Ti 334.940†	21997.4	40.87	ug/L	1.449	40.87	ug/L	1.449	3.55%

Sequence No.: 40
Sample ID: 220-8033-a-7-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 2/20/2009 3:48:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-a-7-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	232423.4	0.975	mg/L	0.0044				0.45%
Y (radial)	21061.4	1.017	mg/L	0.0030				0.29%
Ag 328.068†	-3.6	-0.027	ug/L	0.0047	-0.027	ug/L	0.0047	17.66%
Al 396.153†	995.2	133.4	ug/L	1.39	133.4	ug/L	1.39	1.04%
As 188.979†	3.3	5.446	ug/L	0.6441	5.446	ug/L	0.6441	11.83%
B 249.677†	2150.4	185.9	ug/L	0.22	185.9	ug/L	0.22	0.12%
Ba 233.527†	3428.0	66.24	ug/L	0.139	66.24	ug/L	0.139	0.21%
Be 313.107†	111.9	0.145	ug/L	0.0748	0.145	ug/L	0.0748	51.69%
Ca 317.933†	64986.7	16680	ug/L	94.9	16680	ug/L	94.9	0.57%
Cd 214.440†	41.7	0.460	ug/L	0.0352	0.460	ug/L	0.0352	7.64%
Co 228.616†	22.6	1.686	ug/L	0.2288	1.686	ug/L	0.2288	13.58%
Cr 267.716†	-10.1	-0.441	ug/L	0.3430	-0.441	ug/L	0.3430	77.75%
Cu 224.700†	63.8	2.721	ug/L	1.1973	2.721	ug/L	1.1973	44.00%
Fe 238.204†	2837.6	13130	ug/L	49.9	13130	ug/L	49.9	0.38%
K 766.490†	37130.8	4591	ug/L	6.0	4591	ug/L	6.0	0.13%
Mg 285.213†	35071.6	6269	ug/L	4.6	6269	ug/L	4.6	0.07%
Mn 257.610†	44637.6	141.0	ug/L	0.27	141.0	ug/L	0.27	0.19%
Mo 202.031†	-2.6	-0.643	ug/L	0.4206	-0.643	ug/L	0.4206	65.37%
Na 589.592†	2379880.9	133200	ug/L	1714.1	133200	ug/L	1714.1	1.29%
Ni 231.604†	2.3	0.348	ug/L	1.0104	0.348	ug/L	1.0104	290.00%
Pb 220.353†	0.5	0.612	ug/L	1.9430	0.612	ug/L	1.9430	317.68%
Sb 206.836†	-13.7	-9.548	ug/L	0.4610	-9.548	ug/L	0.4610	4.83%
Se 196.026†	-12.6	-10.76	ug/L	5.789	-10.76	ug/L	5.789	53.79%
V 311.071†	108.9	0.114	ug/L	0.1777	0.114	ug/L	0.1777	155.24%
Sn 189.927†	-4.2	-2.314	ug/L	2.3449	-2.314	ug/L	2.3449	101.32%
Sr 421.552†	83808.6	118.1	ug/L	0.28	118.1	ug/L	0.28	0.24%
Tl 190.801†	-1.8	-2.740	ug/L	1.4708	-2.740	ug/L	1.4708	53.68%
Zn 206.200†	63.7	9.238	ug/L	1.2757	9.238	ug/L	1.2757	13.81%
Ti 334.940†	5568.7	10.35	ug/L	0.069	10.35	ug/L	0.069	0.67%

Sequence No.: 41
Sample ID: 220-8033-a-7-b du
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 2/20/2009 3:51:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-a-7-b du

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	230881.2	0.969	mg/L	0.0088				0.91%
Y (radial)	20901.1	1.010	mg/L	0.0015				0.14%
Ag 328.068†	-19.3	-0.147	ug/L	0.0468	-0.147	ug/L	0.0468	31.91%
Al 396.153†	986.3	132.1	ug/L	1.50	132.1	ug/L	1.50	1.14%
As 188.979†	0.9	2.823	ug/L	4.0494	2.823	ug/L	4.0494	143.43%
B 249.677†	2169.5	187.5	ug/L	2.91	187.5	ug/L	2.91	1.55%
Ba 233.527†	3438.2	66.43	ug/L	0.570	66.43	ug/L	0.570	0.86%
Be 313.107†	144.2	0.176	ug/L	0.0289	0.176	ug/L	0.0289	16.45%
Ca 317.933†	65412.3	16790	ug/L	223.9	16790	ug/L	223.9	1.33%
Cd 214.440†	41.2	0.438	ug/L	0.2381	0.438	ug/L	0.2381	54.42%
Co 228.616†	10.7	0.792	ug/L	0.2263	0.792	ug/L	0.2263	28.59%
Cr 267.716†	-12.3	-0.537	ug/L	0.2335	-0.537	ug/L	0.2335	43.51%
Cu 224.700†	67.6	3.412	ug/L	1.2813	3.412	ug/L	1.2813	37.56%
Fe 238.204†	2850.1	13190	ug/L	135.0	13190	ug/L	135.0	1.02%
K 766.490†	37592.0	4648	ug/L	37.2	4648	ug/L	37.2	0.80%
Mg 285.213†	35433.9	6334	ug/L	11.3	6334	ug/L	11.3	0.18%
Mn 257.610†	44620.4	141.0	ug/L	0.57	141.0	ug/L	0.57	0.40%
Mo 202.031†	5.3	1.315	ug/L	0.1825	1.315	ug/L	0.1825	13.87%
Na 589.592†	2393807.8	134000	ug/L	573.4	134000	ug/L	573.4	0.43%
Ni 231.604†	-9.1	-1.379	ug/L	0.6464	-1.379	ug/L	0.6464	46.88%
Pb 220.353†	-3.6	-2.104	ug/L	1.0010	-2.104	ug/L	1.0010	47.57%
Sb 206.836†	-9.9	-6.886	ug/L	6.1132	-6.886	ug/L	6.1132	88.78%
Se 196.026†	-6.1	2.583	ug/L	1.6803	2.583	ug/L	1.6803	65.06%
V 311.071†	127.1	0.211	ug/L	0.4252	0.211	ug/L	0.4252	201.19%
Sn 189.927†	-2.0	-0.798	ug/L	3.1338	-0.798	ug/L	3.1338	392.75%
Sr 421.552†	85508.2	120.5	ug/L	0.25	120.5	ug/L	0.25	0.21%
Tl 190.801†	0.9	0.491	ug/L	1.2974	0.491	ug/L	1.2974	264.50%
Zn 206.200†	63.1	9.149	ug/L	1.7535	9.149	ug/L	1.7535	19.16%
Ti 334.940†	5597.8	10.40	ug/L	0.112	10.40	ug/L	0.112	1.08%

Sequence No.: 42
Sample ID: 220-8033-a-7-c ms
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 2/20/2009 3:55:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-a-7-c ms

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	234927.3	0.986	mg/L	0.0177				1.80%
Y (radial)	21029.9	1.016	mg/L	0.0010				0.10%
Ag 328.068†	6930.0	53.26	ug/L	0.986	53.26	ug/L	0.986	1.85%
Al 396.153†	15610.7	2058	ug/L	7.2	2058	ug/L	7.2	0.35%
As 188.979†	38.6	40.52	ug/L	4.848	40.52	ug/L	4.848	11.96%
B 249.677†	15925.4	1254	ug/L	6.4	1254	ug/L	6.4	0.51%
Ba 233.527†	104105.5	2013	ug/L	6.8	2013	ug/L	6.8	0.34%
Be 313.107†	49642.0	51.11	ug/L	0.085	51.11	ug/L	0.085	0.17%
Ca 317.933†	102482.1	26300	ug/L	125.5	26300	ug/L	125.5	0.48%
Cd 214.440†	1431.0	48.75	ug/L	1.245	48.75	ug/L	1.245	2.55%
Co 228.616†	6596.8	496.7	ug/L	10.47	496.7	ug/L	10.47	2.11%
Cr 267.716†	4462.7	196.2	ug/L	3.04	196.2	ug/L	3.04	1.55%
Cu 224.700†	1315.6	244.1	ug/L	6.71	244.1	ug/L	6.71	2.75%
Fe 238.204†	3053.0	14130	ug/L	15.5	14130	ug/L	15.5	0.11%
K 766.490†	122316.5	15120	ug/L	79.5	15120	ug/L	79.5	0.53%
Mg 285.213†	90283.6	16140	ug/L	112.9	16140	ug/L	112.9	0.70%
Mn 257.610†	199936.1	631.6	ug/L	1.59	631.6	ug/L	1.59	0.25%
Mo 202.031†	4182.9	1038	ug/L	19.5	1038	ug/L	19.5	1.88%
Na 589.592†	2603497.8	145700	ug/L	816.1	145700	ug/L	816.1	0.56%
Ni 231.604†	3290.7	497.6	ug/L	10.96	497.6	ug/L	10.96	2.20%
Pb 220.353†	20.2	17.63	ug/L	1.280	17.63	ug/L	1.280	7.26%
Sb 206.836†	1626.0	1137	ug/L	28.2	1137	ug/L	28.2	2.48%
Se 196.026†	12.2	45.98	ug/L	23.855	45.98	ug/L	23.855	51.88%
V 311.071†	88370.7	479.4	ug/L	0.41	479.4	ug/L	0.41	0.09%
Sn 189.927†	1504.0	1041	ug/L	19.6	1041	ug/L	19.6	1.88%
Sr 421.552†	84588.8	119.2	ug/L	0.87	119.2	ug/L	0.87	0.73%
Tl 190.801†	41.8	49.67	ug/L	5.834	49.67	ug/L	5.834	11.74%
Zn 206.200†	3451.0	502.2	ug/L	9.09	502.2	ug/L	9.09	1.81%
Ti 334.940†	560002.1	1040	ug/L	0.7	1040	ug/L	0.7	0.07%

Sequence No.: 43
Sample ID: 220-8033-a-7-a sd@5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 2/20/2009 3:58:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-a-7-a sd@5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	241503.9	1.013	mg/L	0.0068				0.67%
Y (radial)	21566.7	1.042	mg/L	0.0130				1.24%
Ag 328.068†	20.9	0.159	ug/L	0.0494	0.159	ug/L	0.0494	30.98%
Al 396.153†	159.2	21.34	ug/L	3.556	21.34	ug/L	3.556	16.66%
As 188.979†	7.5	8.435	ug/L	1.0251	8.435	ug/L	1.0251	12.15%
B 249.677†	521.2	44.15	ug/L	0.329	44.15	ug/L	0.329	0.75%
Ba 233.527†	689.1	13.31	ug/L	0.245	13.31	ug/L	0.245	1.84%
Be 313.107†	298.8	0.293	ug/L	0.2113	0.293	ug/L	0.2113	72.19%
Ca 317.933†	12305.8	3158	ug/L	63.3	3158	ug/L	63.3	2.00%
Cd 214.440†	21.7	0.563	ug/L	0.3859	0.563	ug/L	0.3859	68.50%
Co 228.616†	-3.8	-0.294	ug/L	0.3519	-0.294	ug/L	0.3519	119.79%
Cr 267.716†	-5.6	-0.248	ug/L	0.3491	-0.248	ug/L	0.3491	140.65%
Cu 224.700†	4.2	-1.076	ug/L	1.7349	-1.076	ug/L	1.7349	161.19%
Fe 238.204†	553.7	2562	ug/L	64.8	2562	ug/L	64.8	2.53%
K 766.490†	5906.6	730.3	ug/L	21.53	730.3	ug/L	21.53	2.95%
Mg 285.213†	6721.1	1201	ug/L	17.7	1201	ug/L	17.7	1.47%
Mn 257.610†	9221.4	29.13	ug/L	0.229	29.13	ug/L	0.229	0.79%
Mo 202.031†	-0.7	-0.165	ug/L	0.8220	-0.165	ug/L	0.8220	497.54%
Na 589.592†	451327.7	25260	ug/L	633.4	25260	ug/L	633.4	2.51%
Ni 231.604†	3.8	0.567	ug/L	0.4501	0.567	ug/L	0.4501	79.33%
Pb 220.353†	-0.3	-0.131	ug/L	0.1328	-0.131	ug/L	0.1328	101.47%
Sb 206.836†	-8.0	-5.580	ug/L	0.0599	-5.580	ug/L	0.0599	1.07%
Se 196.026†	6.4	16.20	ug/L	0.901	16.20	ug/L	0.901	5.56%
V 311.071†	-102.5	-0.669	ug/L	0.3534	-0.669	ug/L	0.3534	52.82%
Sn 189.927†	3.3	2.364	ug/L	3.6147	2.364	ug/L	3.6147	152.93%
Sr 421.552†	16793.5	23.67	ug/L	0.167	23.67	ug/L	0.167	0.70%
Tl 190.801†	-0.1	-0.214	ug/L	1.1002	-0.214	ug/L	1.1002	514.11%
Zn 206.200†	12.1	1.751	ug/L	0.0072	1.751	ug/L	0.0072	0.41%
Ti 334.940†	1188.3	2.208	ug/L	0.1232	2.208	ug/L	0.1232	5.58%

Sequence No.: 44
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/20/2009 4:01:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	241716.1	1.014	mg/L	0.0011				0.11%
Y (radial)	21425.4	1.035	mg/L	0.0155				1.50%
Ag 328.068†	6134.9	47.17	ug/L	0.165	47.17	ug/L	0.165	0.35%
QC value within limits for Ag 328.068 Recovery = 94.34%								
Al 396.153†	34647.2	4626	ug/L	10.9	4626	ug/L	10.9	0.23%
QC value within limits for Al 396.153 Recovery = 92.52%								
As 188.979†	456.4	495.1	ug/L	22.71	495.1	ug/L	22.71	4.59%
QC value within limits for As 188.979 Recovery = 99.03%								
B 249.677†	6150.9	482.6	ug/L	5.05	482.6	ug/L	5.05	1.05%
QC value within limits for B 249.677 Recovery = 96.53%								
Ba 233.527†	25098.8	486.0	ug/L	4.02	486.0	ug/L	4.02	0.83%
QC value within limits for Ba 233.527 Recovery = 97.20%								
Be 313.107†	507068.2	484.7	ug/L	4.30	484.7	ug/L	4.30	0.89%
QC value within limits for Be 313.107 Recovery = 96.94%								
Ca 317.933†	70615.6	18120	ug/L	191.8	18120	ug/L	191.8	1.06%
QC value within limits for Ca 317.933 Recovery = 96.64%								
Cd 214.440†	14297.0	497.3	ug/L	4.79	497.3	ug/L	4.79	0.96%
QC value within limits for Cd 214.440 Recovery = 99.46%								
Co 228.616†	6586.8	497.1	ug/L	1.77	497.1	ug/L	1.77	0.36%
QC value within limits for Co 228.616 Recovery = 99.42%								
Cr 267.716†	11363.7	498.8	ug/L	1.30	498.8	ug/L	1.30	0.26%
QC value within limits for Cr 267.716 Recovery = 99.75%								
Cu 224.700†	2461.4	474.9	ug/L	2.17	474.9	ug/L	2.17	0.46%
QC value within limits for Cu 224.700 Recovery = 94.98%								
Fe 238.204†	1034.8	4789	ug/L	99.0	4789	ug/L	99.0	2.07%
QC value within limits for Fe 238.204 Recovery = 95.78%								
K 766.490†	136097.4	16830	ug/L	70.8	16830	ug/L	70.8	0.42%
QC value less than the lower limit for K 766.490 Recovery = 84.13%								
Mg 285.213†	98761.7	17650	ug/L	43.7	17650	ug/L	43.7	0.25%
QC value within limits for Mg 285.213 Recovery = 94.15%								
Mn 257.610†	154523.3	488.2	ug/L	2.89	488.2	ug/L	2.89	0.59%
QC value within limits for Mn 257.610 Recovery = 97.64%								
Mo 202.031†	1965.3	487.5	ug/L	5.70	487.5	ug/L	5.70	1.17%
QC value within limits for Mo 202.031 Recovery = 97.50%								
Na 589.592†	317743.7	17790	ug/L	215.7	17790	ug/L	215.7	1.21%
QC value less than the lower limit for Na 589.592 Recovery = 88.93%								
Ni 231.604†	3304.3	499.6	ug/L	2.03	499.6	ug/L	2.03	0.41%
QC value within limits for Ni 231.604 Recovery = 99.92%								
Pb 220.353†	738.6	491.5	ug/L	4.21	491.5	ug/L	4.21	0.86%
QC value within limits for Pb 220.353 Recovery = 98.29%								
Sb 206.836†	670.0	464.5	ug/L	10.72	464.5	ug/L	10.72	2.31%
QC value within limits for Sb 206.836 Recovery = 92.90%								
Se 196.026†	229.9	485.4	ug/L	15.60	485.4	ug/L	15.60	3.21%
QC value within limits for Se 196.026 Recovery = 97.08%								
V 311.071†	83741.2	460.6	ug/L	0.73	460.6	ug/L	0.73	0.16%
QC value within limits for V 311.071 Recovery = 92.13%								
Sn 189.927†	699.1	484.2	ug/L	0.82	484.2	ug/L	0.82	0.17%
QC value within limits for Sn 189.927 Recovery = 96.84%								
Sr 421.552†	342298.5	482.5	ug/L	0.08	482.5	ug/L	0.08	0.02%
QC value within limits for Sr 421.552 Recovery = 96.51%								
Tl 190.801†	427.4	509.0	ug/L	14.82	509.0	ug/L	14.82	2.91%
QC value within limits for Tl 190.801 Recovery = 101.80%								
Zn 206.200†	3449.9	504.3	ug/L	4.44	504.3	ug/L	4.44	0.88%
QC value within limits for Zn 206.200 Recovery = 100.86%								
Ti 334.940†	258068.6	479.4	ug/L	0.01	479.4	ug/L	0.01	0.00%
QC value within limits for Ti 334.940 Recovery = 95.89%								

QC Failed. Continue with analysis.

Sequence No.: 45
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/20/2009 4:04:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	246033.1	1.032	mg/L	0.0065				0.63%
Y (radial)	21057.6	1.017	mg/L	0.0027				0.27%
Ag 328.068†	30.6	0.232	ug/L	0.0937	0.232	ug/L	0.0937	40.36%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-20.1	-2.693	ug/L	3.2002	-2.693	ug/L	3.2002	118.84%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	0.5	0.502	ug/L	1.1260	0.502	ug/L	1.1260	224.20%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677†	48.6	3.814	ug/L	0.0071	3.814	ug/L	0.0071	0.19%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527†	24.6	0.472	ug/L	0.0104	0.472	ug/L	0.0104	2.19%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	404.9	0.386	ug/L	0.0739	0.386	ug/L	0.0739	19.15%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	6.0	1.544	ug/L	0.5539	1.544	ug/L	0.5539	35.87%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	-0.0	-0.003	ug/L	0.0713	-0.003	ug/L	0.0713	>999.9%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-3.5	-0.262	ug/L	0.0999	-0.262	ug/L	0.0999	38.10%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-8.4	-0.371	ug/L	0.3436	-0.371	ug/L	0.3436	92.50%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 224.700†	-5.7	-1.127	ug/L	1.8111	-1.127	ug/L	1.8111	160.76%
QC value within limits for Cu 224.700 Recovery = Not calculated								
Fe 238.204†	6.5	29.97	ug/L	7.281	29.97	ug/L	7.281	24.30%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	349.4	43.20	ug/L	8.336	43.20	ug/L	8.336	19.29%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	0.8	0.144	ug/L	0.0530	0.144	ug/L	0.0530	36.89%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	2.5	0.008	ug/L	0.0015	0.008	ug/L	0.0015	18.41%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	0.3	0.072	ug/L	1.7776	0.072	ug/L	1.7776	>999.9%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	663.6	37.15	ug/L	0.592	37.15	ug/L	0.592	1.59%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	0.4	0.065	ug/L	1.5166	0.065	ug/L	1.5166	>999.9%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	5.1	3.382	ug/L	4.3898	3.382	ug/L	4.3898	129.78%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-9.8	-6.776	ug/L	2.0264	-6.776	ug/L	2.0264	29.91%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	7.0	14.42	ug/L	9.263	14.42	ug/L	9.263	64.24%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-238.9	-1.333	ug/L	0.0474	-1.333	ug/L	0.0474	3.56%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	2.4	1.677	ug/L	0.5947	1.677	ug/L	0.5947	35.47%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	4.1	0.006	ug/L	0.0825	0.006	ug/L	0.0825	>999.9%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	0.4	0.516	ug/L	0.2497	0.516	ug/L	0.2497	48.36%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	1.8	0.261	ug/L	0.3262	0.261	ug/L	0.3262	124.81%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	44.7	0.083	ug/L	0.0087	0.083	ug/L	0.0087	10.52%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 46
Sample ID: 220-8033-a-8-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 2/20/2009 4:08:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-a-8-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	225060.6	0.944	mg/L	0.0014				0.15%
Y (radial)	21203.6	1.024	mg/L	0.0056				0.55%
Ag 328.068†	15.8	0.123	ug/L	0.1245	0.123	ug/L	0.1245	100.98%
Al 396.153†	3852.8	516.2	ug/L	1.20	516.2	ug/L	1.20	0.23%
As 188.979†	-6.7	-6.508	ug/L	2.8672	-6.508	ug/L	2.8672	44.06%
B 249.677†	2480.7	199.3	ug/L	1.41	199.3	ug/L	1.41	0.71%
Ba 233.527†	1627.0	31.45	ug/L	0.011	31.45	ug/L	0.011	0.03%
Be 313.107†	-17.9	0.171	ug/L	0.2221	0.171	ug/L	0.2221	130.08%
Ca 317.933†	230134.6	59050	ug/L	280.3	59050	ug/L	280.3	0.47%
Cd 214.440†	17.4	0.242	ug/L	0.0698	0.242	ug/L	0.0698	28.82%
Co 228.616†	11.7	0.784	ug/L	0.9186	0.784	ug/L	0.9186	117.21%
Cr 267.716†	12.2	0.538	ug/L	0.6638	0.538	ug/L	0.6638	123.47%
Cu 224.700†	36.3	3.508	ug/L	0.5264	3.508	ug/L	0.5264	15.00%
Fe 238.204†	1038.7	4807	ug/L	15.2	4807	ug/L	15.2	0.32%
K 766.490†	74554.0	9217	ug/L	110.0	9217	ug/L	110.0	1.19%
Mg 285.213†	162663.9	29080	ug/L	118.3	29080	ug/L	118.3	0.41%
Mn 257.610†	297794.7	940.8	ug/L	7.71	940.8	ug/L	7.71	0.82%
Mo 202.031†	-6.2	-1.529	ug/L	0.6833	-1.529	ug/L	0.6833	44.68%
Na 589.592†	5101508.8	285600	ug/L	2854.9	285600	ug/L	2854.9	1.00%
Ni 231.604†	-3.8	-0.578	ug/L	1.2950	-0.578	ug/L	1.2950	223.88%
Pb 220.353†	-15.4	-5.042	ug/L	7.3176	-5.042	ug/L	7.3176	145.13%
Sb 206.836†	-6.3	-4.485	ug/L	2.8044	-4.485	ug/L	2.8044	62.52%
Se 196.026†	-0.5	16.64	ug/L	8.252	16.64	ug/L	8.252	49.59%
V 311.071†	668.0	3.028	ug/L	0.8018	3.028	ug/L	0.8018	26.48%
Sn 189.927†	-3.4	-0.176	ug/L	6.8634	-0.176	ug/L	6.8634	>999.9%
Sr 421.552†	153243.5	216.0	ug/L	0.70	216.0	ug/L	0.70	0.32%
Tl 190.801†	4.3	3.524	ug/L	0.3203	3.524	ug/L	0.3203	9.09%
Zn 206.200†	94.5	13.71	ug/L	2.010	13.71	ug/L	2.010	14.66%
Ti 334.940†	27428.9	50.96	ug/L	0.015	50.96	ug/L	0.015	0.03%

Sequence No.: 47
Sample ID: 220-8033-a-9-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 2/20/2009 4:11:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8033-a-9-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	227982.5	0.957	mg/L	0.0074				0.77%
Y (radial)	21102.4	1.019	mg/L	0.0018				0.18%
Ag 328.068†	288.2	2.204	ug/L	0.0553	2.204	ug/L	0.0553	2.51%
Al 396.153†	-6.7	-0.790	ug/L	4.1462	-0.790	ug/L	4.1462	524.76%
As 188.979†	-7.1	-7.525	ug/L	2.8301	-7.525	ug/L	2.8301	37.61%
B 249.677†	4240.1	329.9	ug/L	2.69	329.9	ug/L	2.69	0.82%
Ba 233.527†	2928.1	56.59	ug/L	0.439	56.59	ug/L	0.439	0.78%
Be 313.107†	77.4	0.082	ug/L	0.0550	0.082	ug/L	0.0550	67.00%
Ca 317.933†	291344.0	74760	ug/L	334.7	74760	ug/L	334.7	0.45%
Cd 214.440†	160.8	5.533	ug/L	0.6220	5.533	ug/L	0.6220	11.24%
Co 228.616†	65.6	4.953	ug/L	0.1466	4.953	ug/L	0.1466	2.96%
Cr 267.716†	42.6	1.876	ug/L	0.1965	1.876	ug/L	0.1965	10.47%
Cu 224.700†	40.5	7.243	ug/L	0.7524	7.243	ug/L	0.7524	10.39%
Fe 238.204†	186.3	862.1	ug/L	11.25	862.1	ug/L	11.25	1.30%
K 766.490†	72783.3	8998	ug/L	13.4	8998	ug/L	13.4	0.15%
Mg 285.213†	177400.6	31710	ug/L	90.7	31710	ug/L	90.7	0.29%
Mn 257.610†	3249447.0	10270	ug/L	117.6	10270	ug/L	117.6	1.15%
Mo 202.031†	-12.9	-3.196	ug/L	0.8403	-3.196	ug/L	0.8403	26.29%
Na 589.592†	2787275.0	156000	ug/L	1614.8	156000	ug/L	1614.8	1.03%
Ni 231.604†	67.8	10.26	ug/L	1.029	10.26	ug/L	1.029	10.03%
Pb 220.353†	-13.9	-2.190	ug/L	9.6817	-2.190	ug/L	9.6817	442.10%
Sb 206.836†	-8.7	-6.097	ug/L	8.9407	-6.097	ug/L	8.9407	146.65%
Se 196.026†	-15.6	-14.38	ug/L	20.508	-14.38	ug/L	20.508	142.58%
V 311.071†	1124.5	6.220	ug/L	0.2203	6.220	ug/L	0.2203	3.54%
Sn 189.927†	0.4	2.624	ug/L	5.5196	2.624	ug/L	5.5196	210.35%
Sr 421.552†	241139.6	339.9	ug/L	2.01	339.9	ug/L	2.01	0.59%
Tl 190.801†	12.0	11.90	ug/L	3.258	11.90	ug/L	3.258	27.39%
Zn 206.200†	91.3	13.27	ug/L	0.275	13.27	ug/L	0.275	2.07%
Ti 334.940†	1229.3	2.284	ug/L	0.0685	2.284	ug/L	0.0685	3.00%

Sequence No.: 48
Sample ID: 220-8013-a-2-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 2/20/2009 4:14:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8013-a-2-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	246238.2	1.033	mg/L	0.0005				0.05%
Y (radial)	21400.0	1.034	mg/L	0.0069				0.67%
Ag 328.068†	929.1	7.092	ug/L	0.1569	7.092	ug/L	0.1569	2.21%
Al 396.153†	4331.2	580.2	ug/L	4.11	580.2	ug/L	4.11	0.71%
As 188.979†	1.4	1.706	ug/L	3.8012	1.706	ug/L	3.8012	222.86%
B 249.677†	28.5	4.128	ug/L	0.7541	4.128	ug/L	0.7541	18.27%
Ba 233.527†	780.2	15.08	ug/L	0.230	15.08	ug/L	0.230	1.52%
Be 313.107†	366.4	0.415	ug/L	0.0023	0.415	ug/L	0.0023	0.55%
Ca 317.933†	5487.3	1408	ug/L	12.1	1408	ug/L	12.1	0.86%
Cd 214.440†	565.1	19.57	ug/L	0.649	19.57	ug/L	0.649	3.32%
Co 228.616†	11.2	0.811	ug/L	0.2412	0.811	ug/L	0.2412	29.75%
Cr 267.716†	150.6	6.603	ug/L	0.1381	6.603	ug/L	0.1381	2.09%
Cu 224.700†	1431.6	277.7	ug/L	1.46	277.7	ug/L	1.46	0.53%
Fe 238.204†	283.7	1313	ug/L	16.7	1313	ug/L	16.7	1.27%
K 766.490†	1999.0	247.1	ug/L	10.91	247.1	ug/L	10.91	4.41%
Mg 285.213†	1431.2	255.8	ug/L	1.96	255.8	ug/L	1.96	0.77%
Mn 257.610†	3129.6	9.887	ug/L	0.0069	9.887	ug/L	0.0069	0.07%
Mo 202.031†	17.6	4.366	ug/L	0.7847	4.366	ug/L	0.7847	17.97%
Na 589.592†	4146.4	232.1	ug/L	3.12	232.1	ug/L	3.12	1.34%
Ni 231.604†	28.3	4.286	ug/L	0.6030	4.286	ug/L	0.6030	14.07%
Pb 220.353†	3.9	2.621	ug/L	2.7914	2.621	ug/L	2.7914	106.52%
Sb 206.836†	-1.5	-1.112	ug/L	1.5370	-1.112	ug/L	1.5370	138.28%
Se 196.026†	6.9	15.68	ug/L	4.261	15.68	ug/L	4.261	27.18%
V 311.071†	186.5	0.800	ug/L	0.5896	0.800	ug/L	0.5896	73.70%
Sn 189.927†	14.4	10.09	ug/L	0.730	10.09	ug/L	0.730	7.24%
Sr 421.552†	2301.7	3.245	ug/L	0.0949	3.245	ug/L	0.0949	2.93%
Tl 190.801†	-2.2	-2.647	ug/L	0.3721	-2.647	ug/L	0.3721	14.05%
Zn 206.200†	1538.4	223.2	ug/L	0.42	223.2	ug/L	0.42	0.19%
Ti 334.940†	9647.6	17.92	ug/L	0.126	17.92	ug/L	0.126	0.70%

Sequence No.: 49
Sample ID: 220-8013-a-3-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 71
Date Collected: 2/20/2009 4:18:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8013-a-3-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	242417.8	1.017	mg/L	0.0071				0.70%
Y (radial)	21171.0	1.023	mg/L	0.0022				0.22%
Ag 328.068†	160.2	1.223	ug/L	0.0015	1.223	ug/L	0.0015	0.12%
Al 396.153†	5117.6	685.6	ug/L	3.05	685.6	ug/L	3.05	0.44%
As 188.979†	-1.7	-1.674	ug/L	0.1710	-1.674	ug/L	0.1710	10.21%
B 249.677†	189.5	15.78	ug/L	0.472	15.78	ug/L	0.472	2.99%
Ba 233.527†	1168.0	22.57	ug/L	0.045	22.57	ug/L	0.045	0.20%
Be 313.107†	393.5	0.407	ug/L	0.0431	0.407	ug/L	0.0431	10.59%
Ca 317.933†	29039.2	7452	ug/L	43.9	7452	ug/L	43.9	0.59%
Cd 214.440†	110.0	3.773	ug/L	0.1288	3.773	ug/L	0.1288	3.41%
Co 228.616†	14.4	1.075	ug/L	0.3798	1.075	ug/L	0.3798	35.34%
Cr 267.716†	84.9	3.721	ug/L	0.4145	3.721	ug/L	0.4145	11.14%
Cu 224.700†	660.4	128.0	ug/L	0.85	128.0	ug/L	0.85	0.66%
Fe 238.204†	161.2	746.2	ug/L	2.42	746.2	ug/L	2.42	0.32%
K 766.490†	7522.3	930.0	ug/L	17.13	930.0	ug/L	17.13	1.84%
Mg 285.213†	6483.0	1159	ug/L	2.3	1159	ug/L	2.3	0.20%
Mn 257.610†	14480.6	45.75	ug/L	0.006	45.75	ug/L	0.006	0.01%
Mo 202.031†	6.3	1.555	ug/L	0.1609	1.555	ug/L	0.1609	10.34%
Na 589.592†	6624.6	370.8	ug/L	7.26	370.8	ug/L	7.26	1.96%
Ni 231.604†	19.9	3.012	ug/L	0.8473	3.012	ug/L	0.8473	28.13%
Pb 220.353†	5.8	4.524	ug/L	1.3128	4.524	ug/L	1.3128	29.02%
Sb 206.836†	-4.9	-3.444	ug/L	4.9628	-3.444	ug/L	4.9628	144.10%
Se 196.026†	-2.0	-1.795	ug/L	7.2984	-1.795	ug/L	7.2984	406.58%
V 311.071†	22.0	0.004	ug/L	0.1657	0.004	ug/L	0.1657	>999.9%
Sn 189.927†	23.3	16.29	ug/L	1.612	16.29	ug/L	1.612	9.90%
Sr 421.552†	10721.3	15.11	ug/L	0.035	15.11	ug/L	0.035	0.23%
Tl 190.801†	0.4	0.218	ug/L	0.2521	0.218	ug/L	0.2521	115.65%
Zn 206.200†	1998.2	289.9	ug/L	4.03	289.9	ug/L	4.03	1.39%
Ti 334.940†	4683.8	8.701	ug/L	0.0300	8.701	ug/L	0.0300	0.34%

Sequence No.: 50
Sample ID: 220-8013-a-4-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 2/20/2009 4:21:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-8013-a-4-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	246224.1	1.033	mg/L	0.0133				1.28%
Y (radial)	21382.6	1.033	mg/L	0.0109				1.06%
Ag 328.068†	181.2	1.383	ug/L	0.1417	1.383	ug/L	0.1417	10.24%
Al 396.153†	5186.9	694.9	ug/L	1.05	694.9	ug/L	1.05	0.15%
As 188.979†	0.3	0.532	ug/L	1.5435	0.532	ug/L	1.5435	290.33%
B 249.677†	199.5	16.97	ug/L	0.664	16.97	ug/L	0.664	3.91%
Ba 233.527†	1673.2	32.33	ug/L	0.008	32.33	ug/L	0.008	0.03%
Be 313.107†	232.5	0.260	ug/L	0.2391	0.260	ug/L	0.2391	91.83%
Ca 317.933†	34912.0	8959	ug/L	121.8	8959	ug/L	121.8	1.36%
Cd 214.440†	187.1	6.437	ug/L	0.3362	6.437	ug/L	0.3362	5.22%
Co 228.616†	9.2	0.677	ug/L	0.3925	0.677	ug/L	0.3925	58.02%
Cr 267.716†	101.2	4.437	ug/L	0.0909	4.437	ug/L	0.0909	2.05%
Cu 224.700†	627.7	121.4	ug/L	1.48	121.4	ug/L	1.48	1.22%
Fe 238.204†	222.3	1029	ug/L	20.8	1029	ug/L	20.8	2.02%
K 766.490†	9694.9	1199	ug/L	38.9	1199	ug/L	38.9	3.24%
Mg 285.213†	7122.7	1273	ug/L	7.1	1273	ug/L	7.1	0.56%
Mn 257.610†	17957.8	56.73	ug/L	0.142	56.73	ug/L	0.142	0.25%
Mo 202.031†	7.2	1.786	ug/L	0.6388	1.786	ug/L	0.6388	35.76%
Na 589.592†	8053.4	450.8	ug/L	10.35	450.8	ug/L	10.35	2.30%
Ni 231.604†	36.7	5.546	ug/L	0.1149	5.546	ug/L	0.1149	2.07%
Pb 220.353†	-0.8	0.245	ug/L	4.2643	0.245	ug/L	4.2643	>999.9%
Sb 206.836†	-8.5	-5.961	ug/L	1.3188	-5.961	ug/L	1.3188	22.12%
Se 196.026†	4.4	12.11	ug/L	11.662	12.11	ug/L	11.662	96.31%
V 311.071†	91.0	0.360	ug/L	0.1401	0.360	ug/L	0.1401	38.95%
Sn 189.927†	26.6	18.66	ug/L	2.174	18.66	ug/L	2.174	11.65%
Sr 421.552†	13714.2	19.33	ug/L	0.084	19.33	ug/L	0.084	0.43%
Tl 190.801†	-0.5	-0.885	ug/L	0.6024	-0.885	ug/L	0.6024	68.09%
Zn 206.200†	2618.8	380.0	ug/L	3.65	380.0	ug/L	3.65	0.96%
Ti 334.940†	5685.0	10.56	ug/L	0.051	10.56	ug/L	0.051	0.49%

Sequence No.: 51
Sample ID: 1220-BB7-B-2-B SD
Analyst:
Initial Sample Wt:
Dilution:

NPr 2/20/09

Autosampler Location: 73
Date Collected: 2/20/2009 4:24:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	235256.5	0.987	mg/L	0.0027				0.27%
Y (radial)	21277.3	1.028	mg/L	0.0041				0.40%
Ag 328.068†	-10.4	-0.078	ug/L	0.3614	-0.078	ug/L	0.3614	464.61%
Al 396.153†	5474.7	733.6	ug/L	6.11	733.6	ug/L	6.11	0.83%
As 188.979†	-3.6	-3.640	ug/L	11.1505	-3.640	ug/L	11.1505	306.29%
B 249.677†	116.7	11.71	ug/L	0.734	11.71	ug/L	0.734	6.27%
Ba 233.527†	732.9	14.16	ug/L	0.041	14.16	ug/L	0.041	0.29%
Be 313.107†	85.3	0.155	ug/L	0.0188	0.155	ug/L	0.0188	12.10%
Ca 317.933†	144156.5	36990	ug/L	12.7	36990	ug/L	12.7	0.03%
Cd 214.440†	24.5	0.714	ug/L	0.1353	0.714	ug/L	0.1353	18.96%
Co 228.616†	14.9	1.087	ug/L	0.5170	1.087	ug/L	0.5170	47.55%
Cr 267.716†	22.9	1.006	ug/L	0.7770	1.006	ug/L	0.7770	77.26%
Cu 224.700†	9.1	0.420	ug/L	1.6286	0.420	ug/L	1.6286	387.87%
Fe 238.204†	393.4	1820	ug/L	6.7	1820	ug/L	6.7	0.37%
K 766.490†	22400.1	2769	ug/L	63.8	2769	ug/L	63.8	2.30%
Mg 285.213†	32461.7	5802	ug/L	70.9	5802	ug/L	70.9	1.22%
Mn 257.610†	40965.7	129.4	ug/L	0.68	129.4	ug/L	0.68	0.53%
Mo 202.031†	-7.2	-1.775	ug/L	0.1872	-1.775	ug/L	0.1872	10.55%
Na 589.592†	699578.9	39160	ug/L	648.3	39160	ug/L	648.3	1.66%
Ni 231.604†	0.4	0.065	ug/L	0.5854	0.065	ug/L	0.5854	895.57%
Pb 220.353†	-9.0	-2.565	ug/L	1.3617	-2.565	ug/L	1.3617	53.09%
Sb 206.836†	-2.2	-1.612	ug/L	1.7996	-1.612	ug/L	1.7996	111.61%
Se 196.026†	-8.9	-8.385	ug/L	7.9809	-8.385	ug/L	7.9809	95.18%
V 311.071†	310.9	1.461	ug/L	0.1836	1.461	ug/L	0.1836	12.56%
Sn 189.927†	-5.7	-2.605	ug/L	3.8071	-2.605	ug/L	3.8071	146.15%
Sr 421.552†	158839.1	223.9	ug/L	1.23	223.9	ug/L	1.23	0.55%
Tl 190.801†	-0.6	-2.165	ug/L	2.9792	-2.165	ug/L	2.9792	137.59%
Zn 206.200†	68.0	9.878	ug/L	0.7905	9.878	ug/L	0.7905	8.00%
Ti 334.940†	10848.8	20.15	ug/L	2.894	20.15	ug/L	2.894	14.36%

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Sequence No.: 52
Sample ID: 2
Analyst:
Initial Sample Wt:
Dilution:
User canceled analysis.

Autosampler Location: 74
Date Collected: 2/20/2009 4:27:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

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Analysis Begun

Start Time: 2/20/2009 4:28:48 PM
Logged In Analyst: ctmetals
Spectrometer Model: Optima 4300 DV, S/N 077N3101802Autosampler Model: AS-93plus

Plasma On Time: 2/20/2009 11:42:32 AM
Technique: ICP Continuous

Sample Information File: C:\pe\4300cycloneAT\Sample Information\022009.sif
Batch ID:
Results Data Set: 022009d
Results Library: C:\PE\4300cycloneAT\2007 Results\Results.mdb

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Sequence No.: 55
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 2/20/2009 4:28:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	242543.9	1.018	mg/L	0.0020				0.20%
Y (radial)	21543.3	1.041	mg/L	0.0156				1.50%
Ag 328.068†	6174.2	47.47	ug/L	0.477	47.47	ug/L	0.477	1.01%
QC value within limits for Ag 328.068 Recovery = 94.95%								
Al 396.153†	34786.5	4645	ug/L	30.0	4645	ug/L	30.0	0.65%
QC value within limits for Al 396.153 Recovery = 92.90%								
As 188.979†	463.9	503.2	ug/L	1.15	503.2	ug/L	1.15	0.23%
QC value within limits for As 188.979 Recovery = 100.64%								
B 249.677†	6105.7	479.1	ug/L	5.93	479.1	ug/L	5.93	1.24%
QC value within limits for B 249.677 Recovery = 95.82%								
Ba 233.527†	25242.4	488.8	ug/L	0.39	488.8	ug/L	0.39	0.08%
QC value within limits for Ba 233.527 Recovery = 97.75%								
Be 313.107†	509912.0	487.4	ug/L	0.08	487.4	ug/L	0.08	0.02%
QC value within limits for Be 313.107 Recovery = 97.48%								
Ca 317.933†	70697.4	18140	ug/L	190.5	18140	ug/L	190.5	1.05%
QC value within limits for Ca 317.933 Recovery = 96.75%								
Cd 214.440†	14322.6	498.2	ug/L	2.08	498.2	ug/L	2.08	0.42%
QC value within limits for Cd 214.440 Recovery = 99.64%								
Co 228.616†	6638.3	501.0	ug/L	2.68	501.0	ug/L	2.68	0.54%
QC value within limits for Co 228.616 Recovery = 100.20%								
Cr 267.716†	11404.2	500.5	ug/L	3.14	500.5	ug/L	3.14	0.63%
QC value within limits for Cr 267.716 Recovery = 100.11%								
Cu 224.700†	2457.8	474.2	ug/L	2.84	474.2	ug/L	2.84	0.60%
QC value within limits for Cu 224.700 Recovery = 94.84%								
Fe 238.204†	1034.1	4786	ug/L	26.0	4786	ug/L	26.0	0.54%
QC value within limits for Fe 238.204 Recovery = 95.72%								
K 766.490†	136598.1	16890	ug/L	74.7	16890	ug/L	74.7	0.44%
QC value less than the lower limit for K 766.490 Recovery = 84.44%								
Mg 285.213†	99051.2	17700	ug/L	38.3	17700	ug/L	38.3	0.22%
QC value within limits for Mg 285.213 Recovery = 94.43%								
Mn 257.610†	155240.9	490.4	ug/L	0.38	490.4	ug/L	0.38	0.08%
QC value within limits for Mn 257.610 Recovery = 98.09%								
Mo 202.031†	1978.5	490.8	ug/L	3.80	490.8	ug/L	3.80	0.77%
QC value within limits for Mo 202.031 Recovery = 98.15%								
Na 589.592†	318577.4	17830	ug/L	78.5	17830	ug/L	78.5	0.44%
QC value less than the lower limit for Na 589.592 Recovery = 89.16%								
Ni 231.604†	3300.0	499.0	ug/L	2.98	499.0	ug/L	2.98	0.60%
QC value within limits for Ni 231.604 Recovery = 99.79%								
Pb 220.353†	749.3	498.5	ug/L	4.71	498.5	ug/L	4.71	0.94%

QC value within limits for Pb 220.353 Recovery = 99.70%

Sb 206.836†	683.4	473.8 ug/L	11.22	473.8 ug/L	11.22	2.37%

QC value within limits for Sb 206.836 Recovery = 94.76%

Se 196.026†	235.4	496.8 ug/L	8.27	496.8 ug/L	8.27	1.67%

QC value within limits for Se 196.026 Recovery = 99.35%

V 311.071†	84288.8	463.7 ug/L	0.46	463.7 ug/L	0.46	0.10%

QC value within limits for V 311.071 Recovery = 92.73%

Sn 189.927†	702.4	486.4 ug/L	0.35	486.4 ug/L	0.35	0.07%

QC value within limits for Sn 189.927 Recovery = 97.29%

Sr 421.552†	343858.0	484.7 ug/L	1.08	484.7 ug/L	1.08	0.22%

QC value within limits for Sr 421.552 Recovery = 96.95%

Tl 190.801†	419.5	499.4 ug/L	6.35	499.4 ug/L	6.35	1.27%

QC value within limits for Tl 190.801 Recovery = 99.89%

Zn 206.200†	3451.3	504.5 ug/L	0.49	504.5 ug/L	0.49	0.10%

QC value within limits for Zn 206.200 Recovery = 100.91%

Ti 334.940†	259495.7	482.1 ug/L	0.12	482.1 ug/L	0.12	0.02%

QC value within limits for Ti 334.940 Recovery = 96.42%

QC Failed. Continue with analysis.

Sequence No.: 56
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 2/20/2009 4:32:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	247729.0	1.039	mg/L	0.0008				0.08%
Y (radial)	21469.1	1.037	mg/L	0.0088				0.85%
Ag 328.068†	36.0	0.274	ug/L	0.0802	0.274	ug/L	0.0802	29.28%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-32.7	-4.364	ug/L	2.1096	-4.364	ug/L	2.1096	48.34%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-1.2	-1.279	ug/L	1.2088	-1.279	ug/L	1.2088	94.51%
QC value within limits for As 188.979 Recovery = Not calculated								
B 249.677†	-2.6	-0.156	ug/L	0.1282	-0.156	ug/L	0.1282	82.23%
QC value within limits for B 249.677 Recovery = Not calculated								
Ba 233.527†	19.2	0.369	ug/L	0.0065	0.369	ug/L	0.0065	1.77%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	376.3	0.359	ug/L	0.0728	0.359	ug/L	0.0728	20.28%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-1.3	-0.346	ug/L	1.4599	-0.346	ug/L	1.4599	421.60%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	-1.3	-0.048	ug/L	0.0514	-0.048	ug/L	0.0514	106.98%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	0.9	0.070	ug/L	0.4199	0.070	ug/L	0.4199	600.23%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-0.3	-0.014	ug/L	0.2304	-0.014	ug/L	0.2304	>999.9%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Cu 224.700†	-8.2	-1.612	ug/L	0.7281	-1.612	ug/L	0.7281	45.16%
QC value within limits for Cu 224.700 Recovery = Not calculated								
Fe 238.204†	6.3	29.12	ug/L	5.907	29.12	ug/L	5.907	20.29%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	182.4	22.55	ug/L	1.586	22.55	ug/L	1.586	7.03%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	-7.3	-1.305	ug/L	2.5119	-1.305	ug/L	2.5119	192.46%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	19.8	0.063	ug/L	0.0288	0.063	ug/L	0.0288	46.12%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-2.6	-0.635	ug/L	0.4899	-0.635	ug/L	0.4899	77.19%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	505.6	28.30	ug/L	0.001	28.30	ug/L	0.001	0.00%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-9.1	-1.374	ug/L	0.8967	-1.374	ug/L	0.8967	65.26%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	3.9	2.578	ug/L	3.1752	2.578	ug/L	3.1752	123.15%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-4.4	-3.044	ug/L	1.7485	-3.044	ug/L	1.7485	57.43%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-0.2	-0.395	ug/L	6.0603	-0.395	ug/L	6.0603	>999.9%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-233.5	-1.303	ug/L	0.0494	-1.303	ug/L	0.0494	3.79%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	3.4	2.360	ug/L	3.0781	2.360	ug/L	3.0781	130.44%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-51.3	-0.072	ug/L	0.1423	-0.072	ug/L	0.1423	196.72%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	0.0	0.058	ug/L	5.6419	0.058	ug/L	5.6419	>999.9%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-2.0	-0.286	ug/L	0.3490	-0.286	ug/L	0.3490	121.87%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	83.4	0.155	ug/L	0.0123	0.155	ug/L	0.0123	7.96%
QC value within limits for Ti 334.940 Recovery = Not calculated								

All analyte(s) passed QC.

Metals Worksheet

Batch Number: 220-24396
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 17 2009 2:11PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00035	MSPK1_00003
MB~220-24396/1				50 mL	50 mL				
LCS~220-24396/2				50 mL	50 mL			50 mL	
LB~220-24375/1-A				10 mL	50 mL				
220-8024-A-12-B	UK72EG015	3010A_L, 6010B	P	10 mL	50 mL				
220-8042-B-2-A	IDW-021209 SO	3010A_L, 6010B	P	10 mL	50 mL				
220-8051-C-49-A	COMP 021309	3010A_L, 6010B	P	10 mL	50 mL				
220-8042-B-1-A	IDW-021209 GW	3010A_L, 6010B	P	10 mL	50 mL				
220-8023-A-1-A	CG0944 LAB SH0001	3010A_L, 6010B	P	1 mL	50 mL				
220-8076-E-1	MCFT WWNA 023	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-8076-E-1~DU		200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-8076-E-1~MS		200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL
220-8028-A-1	MW-1 TOTAL	3010A, 6010B	T	50 mL	50 mL				
220-8028-A-2	MW-1 DISSOLVED	3010A, 6010B	D	50 mL	50 mL				
220-8028-A-3	MW-2 TOTAL	3010A, 6010B	T	50 mL	50 mL				
220-8028-A-4	MW-2 DISSOLVED	3010A, 6010B	D	50 mL	50 mL				
220-8030-D-1	MCFT WWNA 021	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-8061-A-25	FB090213	3010A, 6010B	T	50 mL	50 mL				
220-8015-C-6	MW-6	3010A, 6010B	T	50 mL	50 mL				
220-8015-C-7	BD020909	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-1	OW-3	3010A, 6010B	T	5 mL	50 mL				
220-8033-A-2	OW-5	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-3	OW-6	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-4	OW-7	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-5	MW-26I	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-6	MW-30I	3010A, 6010B	T	50 mL	50 mL				

Metals Worksheet

Batch Number: 220-24396
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 17 2009 2:11PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-24396/1				
LCS~220-24396/2				
LB~220-24375/1-A				
220-8024-A-12-B	UK72EG015	3010A_L, 6010B	P	
220-8042-B-2-A	IDW-021209 SO	3010A_L, 6010B	P	
220-8051-C-49-A	COMP 021309	3010A_L, 6010B	P	
220-8042-B-1-A	IDW-021209 GW	3010A_L, 6010B	P	
220-8023-A-1-A	CG0944 LAB SH0001	3010A_L, 6010B	P	
220-8076-E-1	MCFT WWNA 023	200.7_P_TOT, 200.7_CWA	T	
220-8076-E-1~DU		200.7_P_TOT, 200.7_CWA	T	
220-8076-E-1~MS		200.7_P_TOT, 200.7_CWA	T	0.05 mL
220-8028-A-1	MW-1 TOTAL	3010A, 6010B	T	
220-8028-A-2	MW-1 DISSOLVED	3010A, 6010B	D	
220-8028-A-3	MW-2 TOTAL	3010A, 6010B	T	
220-8028-A-4	MW-2 DISSOLVED	3010A, 6010B	D	
220-8030-D-1	MCFT WWNA 021	200.7_P_TOT, 200.7_CWA	T	
220-8061-A-25	FB090213	3010A, 6010B	T	
220-8015-C-6	MW-6	3010A, 6010B	T	
220-8015-C-7	BD020909	3010A, 6010B	T	
220-8033-A-1	OW-3	3010A, 6010B	T	
220-8033-A-2	OW-5	3010A, 6010B	T	
220-8033-A-3	OW-6	3010A, 6010B	T	
220-8033-A-4	OW-7	3010A, 6010B	T	
220-8033-A-5	MW-26I	3010A, 6010B	T	
220-8033-A-6	MW-30I	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00006
Lot # of Nitric Acid: MNITRICACD-00006
Hot Block ID number: hb3
Oven, Bath or Block Temperature 1: 107 Degrees C
DigestionTubes: A805LS309

Metals Worksheet

Batch Number: 220-24396
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 17 2009 2:11PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~220-24396/1				
LCS~220-24396/2				
LB~220-24375/1-A				
220-8024-A-12-B	UK72EG015	3010A_L, 6010B	P	
220-8042-B-2-A	IDW-021209 SO	3010A_L, 6010B	P	
220-8051-C-49-A	COMP 021309	3010A_L, 6010B	P	
220-8042-B-1-A	IDW-021209 GW	3010A_L, 6010B	P	water sample filtered for TCLP
220-8023-A-1-A	CG0944 LAB SH0001	3010A_L, 6010B	P	waste sample filtered for TCLP
220-8076-E-1	MCFT WWNA 023	200.7_P_TOT, 200.7_CWA	T	
220-8076-E-1~DU		200.7_P_TOT, 200.7_CWA	T	
220-8076-E-1~MS		200.7_P_TOT, 200.7_CWA	T	
220-8028-A-1	MW-1 TOTAL	3010A, 6010B	T	
220-8028-A-2	MW-1 DISSOLVED	3010A, 6010B	D	
220-8028-A-3	MW-2 TOTAL	3010A, 6010B	T	
220-8028-A-4	MW-2 DISSOLVED	3010A, 6010B	D	
220-8030-D-1	MCFT WWNA 021	200.7_P_TOT, 200.7_CWA	T	
220-8061-A-25	FB090213	3010A, 6010B	T	
220-8015-C-6	MW-6	3010A, 6010B	T	
220-8015-C-7	BD020909	3010A, 6010B	T	
220-8033-A-1	OW-3	3010A, 6010B	T	
220-8033-A-2	OW-5	3010A, 6010B	T	
220-8033-A-3	OW-6	3010A, 6010B	T	
220-8033-A-4	OW-7	3010A, 6010B	T	
220-8033-A-5	MW-26I	3010A, 6010B	T	
220-8033-A-6	MW-30I	3010A, 6010B	T	

Metals Worksheet

Batch Number: 220-24419
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 18 2009 11:14AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00035	MSPK1_00003
MB~220-24419/1				50 mL	50 mL				
LCS~220-24419/2				50 mL	50 mL			50 mL	
220-8084-F-1	EFF021709-002	200.7_P_TOT, 200.7_CWA	T	50 mL	50 mL				
220-8033-A-7	MW-31I	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-7~DU		3010A, 6010B	T	50 mL	50 mL				
220-8033-A-7~MS		3010A, 6010B	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL
220-8033-A-8	MW-33I	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-9	MW-34I	3010A, 6010B	T	50 mL	50 mL				
220-8033-A-10	MW-35I	3010A, 6010B	T	50 mL	50 mL				
220-8056-A-1	Treated Wash Water	3010A, 6010B	T	50 mL	50 mL				

Metals Worksheet

Batch Number: 220-24419
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 18 2009 11:14AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-24419/1				
LCS~220-24419/2				
220-8084-F-1	EFF021709-002	200.7_P_TOT, 200.7_CWA	T	
220-8033-A-7	MW-31I	3010A, 6010B	T	
220-8033-A-7~DU		3010A, 6010B	T	
220-8033-A-7~MS		3010A, 6010B	T	0.05 mL
220-8033-A-8	MW-33I	3010A, 6010B	T	
220-8033-A-9	MW-34I	3010A, 6010B	T	
220-8033-A-10	MW-35I	3010A, 6010B	T	
220-8056-A-1	Treated Wash Water	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00006
Lot # of Nitric Acid: MNITRICACD-00006
DigestionTubes: A805LS309
Hot Block ID number: hb4
Oven, Bath or Block Temperature 1: 112 Degrees C

Metals Worksheet

Batch Number: 220-24468
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 19 2009 1:45PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00035	MSPK1_00003
MB~220-24468/1				50 mL	50 mL				
LCS~220-24468/2				50 mL	50 mL			50 mL	
LB~220-24461/1-A				10 mL	50 mL				
220-8074-B-1-A	#1 Parts Washer-AutoMechanic 1	3010A_L, 6010B	P	1 mL	50 mL				
220-8074-A-2-A	#1 Parts Washer-AutoMechanic 2	3010A_L, 6010B	P	1 mL	50 mL				
220-8074-A-3-A	#3 Filter From Paint Spray Booth	3010A_L, 6010B	P	10 mL	50 mL				
220-8075-A-1-B	Underslab-#5	3010A_L, 6010B	P	10 mL	50 mL				
220-8075-A-2-B	Underslab-#4	3010A_L, 6010B	P	10 mL	50 mL				
220-8075-A-3-B	Underslab-#2	3010A_L, 6010B	P	10 mL	50 mL				
220-8033-B-1-A	OW-3	3010A, 6010B	D	5 mL	50 mL				
220-8033-B-2-A	OW-5	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-3-A	OW-6	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-4-A	OW-7	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-5-A	MW-26I	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-6-A	MW-30I	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-7-A	MW-31I	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-8-A	MW-33I	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-9-A	MW-34I	3010A, 6010B	D	50 mL	50 mL				
220-8033-B-10-A	MW-35I	3010A, 6010B	D	50 mL	50 mL				
220-8093-A-6	FB090217	3010A, 6010B	T	50 mL	50 mL				
220-8093-A-6~DU		3010A, 6010B	T	50 mL	50 mL				
220-8093-A-6~MS		3010A, 6010B	T	50 mL	50 mL	0.05 mL	0.1 mL		0.05 mL
220-8087-D-1	MW1	3010A, 6010B	T	50 mL	50 mL				
220-8087-E-1	MW1	3010A, 6010B	D	50 mL	50 mL				
220-8087-B-2	MW2	3010A, 6010B	T	50 mL	50 mL				

Metals Worksheet

Batch Number: 220-24468
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 19 2009 1:45PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-24468/1				
LCS~220-24468/2				
LB~220-24461/1-A				
220-8074-B-1-A	#1 Parts Washer-AutoMechanic 1	3010A_L, 6010B	P	
220-8074-A-2-A	#1 Parts Washer-AutoMechanic 2	3010A_L, 6010B	P	
220-8074-A-3-A	#3 Filter From Paint Spray Booth	3010A_L, 6010B	P	
220-8075-A-1-B	Underslab-#5	3010A_L, 6010B	P	
220-8075-A-2-B	Underslab-#4	3010A_L, 6010B	P	
220-8075-A-3-B	Underslab-#2	3010A_L, 6010B	P	
220-8033-B-1-A	OW-3	3010A, 6010B	D	
220-8033-B-2-A	OW-5	3010A, 6010B	D	
220-8033-B-3-A	OW-6	3010A, 6010B	D	
220-8033-B-4-A	OW-7	3010A, 6010B	D	
220-8033-B-5-A	MW-26I	3010A, 6010B	D	
220-8033-B-6-A	MW-30I	3010A, 6010B	D	
220-8033-B-7-A	MW-31I	3010A, 6010B	D	
220-8033-B-8-A	MW-33I	3010A, 6010B	D	
220-8033-B-9-A	MW-34I	3010A, 6010B	D	
220-8033-B-10-A	MW-35I	3010A, 6010B	D	
220-8093-A-6	FB090217	3010A, 6010B	T	
220-8093-A-6~DU		3010A, 6010B	T	
220-8093-A-6~MS		3010A, 6010B	T	0.05 mL
220-8087-D-1	MW1	3010A, 6010B	T	
220-8087-E-1	MW1	3010A, 6010B	D	
220-8087-B-2	MW2	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00006
Lot # of Nitric Acid: MNITRICACD-00006
Hot Block ID number: hb4
Oven, Bath or Block Temperature 1: 111 Degrees C
DigestionTubes: A805LS309

Metals Worksheet

Batch Number: 220-24468
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Feb 19 2009 1:45PM
Batch End:

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~220-24468/1				
LCS~220-24468/2				
LB~220-24461/1-A				
220-8074-B-1-A	#1 Parts Washer-AutoMechanic 1	3010A_L, 6010B	P	waste sample filtered for TCLP
220-8074-A-2-A	#1 Parts Washer-AutoMechanic 2	3010A_L, 6010B	P	waste sample filtered for TCLP
220-8074-A-3-A	#3 Filter From Paint Spray Booth	3010A_L, 6010B	P	
220-8075-A-1-B	Underslab-#5	3010A_L, 6010B	P	
220-8075-A-2-B	Underslab-#4	3010A_L, 6010B	P	
220-8075-A-3-B	Underslab-#2	3010A_L, 6010B	P	
220-8033-B-1-A	OW-3	3010A, 6010B	D	
220-8033-B-2-A	OW-5	3010A, 6010B	D	
220-8033-B-3-A	OW-6	3010A, 6010B	D	
220-8033-B-4-A	OW-7	3010A, 6010B	D	
220-8033-B-5-A	MW-26I	3010A, 6010B	D	
220-8033-B-6-A	MW-30I	3010A, 6010B	D	
220-8033-B-7-A	MW-31I	3010A, 6010B	D	
220-8033-B-8-A	MW-33I	3010A, 6010B	D	
220-8033-B-9-A	MW-34I	3010A, 6010B	D	
220-8033-B-10-A	MW-35I	3010A, 6010B	D	
220-8093-A-6	FB090217	3010A, 6010B	T	
220-8093-A-6~DU		3010A, 6010B	T	
220-8093-A-6~MS		3010A, 6010B	T	
220-8087-D-1	MW1	3010A, 6010B	T	
220-8087-E-1	MW1	3010A, 6010B	D	
220-8087-B-2	MW2	3010A, 6010B	T	

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG No.: 220-8033

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
OW-3	220-8033-1
OW-5	220-8033-2
OW-6	220-8033-3
OW-7	220-8033-4
MW-26I	220-8033-5
MW-30I	220-8033-6
MW-31I	220-8033-7
MW-33I	220-8033-8
MW-34I	220-8033-9
MW-35I	220-8033-10

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-3 Lab Sample ID: 220-8033-1

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 09:10

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	6.7	1.0	0.10	mg/L			1	9060
	Alkalinity	4080	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-5 Lab Sample ID: 220-8033-2

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 09:10

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	5.3	1.0	0.10	mg/L			1	9060
	Alkalinity	273	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-6 Lab Sample ID: 220-8033-3

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 10:05

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	3.7	1.0	0.10	mg/L			1	9060
	Alkalinity	261	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-7 Lab Sample ID: 220-8033-4

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG ID.: 220-8033

Matrix: Water Date Sampled: 02/11/2009 10:03

Reporting Basis: WET Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.3	1.0	0.10	mg/L			1	9060
	Alkalinity	162	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-26I
Lab Sample ID: 220-8033-5
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 11:40
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	144	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-30I
Lab Sample ID: 220-8033-6
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 12:30
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	2.8	1.0	0.10	mg/L			1	9060
	Alkalinity	101	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-31I
Lab Sample ID: 220-8033-7
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 12:35
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.46	1.0	0.10	mg/L	J		1	9060
	Alkalinity	140	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-33I
Lab Sample ID: 220-8033-8
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 11:45
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	112	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-34I
Lab Sample ID: 220-8033-9
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 10:50
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.44	1.0	0.10	mg/L	J		1	9060
	Alkalinity	259	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-35I
Lab Sample ID: 220-8033-10
Lab Name: TestAmerica Connecticut
Job No.: 220-8033-1
SDG ID.: 220-8033
Matrix: Water
Date Sampled: 02/11/2009 10:50
Reporting Basis: WET
Date Received: 02/12/2009 09:55

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	140	2.0	0.16	mg/L			1	SM 2320B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Analyst: DM Batch Start Date: 02/17/2009

Reporting Units: mg/L Analytical Batch No.: 24587

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	16:38	Total Organic Carbon - Quad	10.5	10.0	105	85-115		WTOCICVSTK_00010
2	ICB	17:19	Total Organic Carbon - Quad	0.16				J	
3	CCV	17:50	Total Organic Carbon - Quad	10.4	10.0	104	85-115		WTOCICVSTK_00010
4	CCB	18:30	Total Organic Carbon - Quad	0.14				J	
15	CCV	01:28	Total Organic Carbon - Quad	10.3	10.0	103	85-115		WTOCICVSTK_00010
16	CCB	02:08	Total Organic Carbon - Quad	1.0				U	
21	CCV	04:35	Total Organic Carbon - Quad	10.3	10.0	103	85-115		WTOCICVSTK_00010
22	CCB	05:15	Total Organic Carbon - Quad	1.0				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 24587	Date: 02/17/2009 19:46						
9060	MB 220-24587/6	Total Organic Carbon - Quad	1.0	U	mg/L	1.0	1
Batch ID: 24327	Date: 02/13/2009 13:35						
SM 2320B	MB 220-24327/11	Alkalinity	2.0	U	mg/L	2.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 24587 Date: 02/17/2009 22:20											
9060	220-8033-2	Total Organic Carbon - Quad	5.3		mg/L						
9060	220-8033-2 MS	Total Organic Carbon - Quad	25.84		mg/L	20.0	103	75-125			

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

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 24587	Date: 02/17/2009 21:36							
9060	OW-5	220-8033-2	Total Organic Carbon - Quad	5.3	mg/L			
9060	OW-5	220-8033-2 DU	Total Organic Carbon - Quad	5.40	mg/L	2	20	
Batch ID: 24327	Date: 02/13/2009 14:21							
SM 2320B	OW-5	220-8033-2	Alkalinity	273	mg/L			
SM 2320B	OW-5	220-8033-2 DU	Alkalinity	272.3	mg/L	0	20	

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 24587		Date: 02/17/2009 19:02									
						LCS Source: WDEMLCS_00010					
9060	LCS 220-24587/5 ^4	Total Organic Carbon - Quad	86.68		mg/L	82.2	105	85-115			
Batch ID: 24327		Date: 02/13/2009 13:25									
						LCS Source: WALKLCS_00030					
SM 2320B	LCS 220-24327/9	Alkalinity	259.1		mg/L	236	110	85-115			
Batch ID: 24327		Date: 02/13/2009 14:55									
						LCS Source: WALKLCS_00030					
SM 2320B	LCS 220-24327/19	Alkalinity	241.7		mg/L	236	102	85-115			
Batch ID: 24327		Date: 02/13/2009 15:43									
						LCS Source: WALKLCS_00030					
SM 2320B	LCS 220-24327/26	Alkalinity	239.1		mg/L	236	101	85-115			

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

FORM VIIA-IN

Lab ID: _____

SDG No: _____

Lab Name: _____ Job No: _____

Matrix: _____ Concentration Units: _____

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method

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

FORM VIII-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG Number: 220-8033

Matrix: Water Instrument ID: TOC1

Analysis Method: 9060 MDL Date: 05/11/2008 08:54

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon - Quad		1	0.1

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-8033-1

SDG Number: 220-8033

Matrix: Water Instrument ID: Titrator

Analysis Method: SM 2320B MDL Date: 03/23/2008 08:13

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Alkalinity		2	0.16

Lab Name: _____ Job No: _____

SDG No.: _____

Instrument ID: _____ Date: _____

Analyte	Integ. Time (Sec.)	Concentration	Method

12-IN
PREPARATION LOG

Lab Name: _____ Job No.: _____

SDG No.: _____

Preparation Method: _____

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume	Final Volume

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Instrument ID: TOC1 Method: 9060

Start Date: 02/17/2009 16:38 End Date: 02/18/2009 05:15

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCQ																			
ICV 220-24587/1	1		16:38	X																			
ICB 220-24587/2	1		17:19	X																			
CCV 220-24587/3	1		17:50	X																			
CCB 220-24587/4	1		18:30	X																			
LCS 220-24587/5 ^4	4	T	19:02	X																			
MB 220-24587/6	1	T	19:46	X																			
220-8033-1	1	T	20:16	X																			
220-8033-2	1	T	20:56	X																			
220-8033-2 DU	1	T	21:36	X																			
220-8033-2 MS	1	T	22:20	X																			
220-8033-3	1	T	23:07	X																			
220-8033-4	1	T	23:45	X																			
220-8033-5	1	T	00:20	X																			
220-8033-6	1	T	00:48	X																			
CCV 220-24587/15	1		01:28	X																			
CCB 220-24587/16	1		02:08	X																			
220-8033-7	1	T	02:37	X																			
220-8033-8	1	T	03:06	X																			
220-8033-9	1	T	03:40	X																			
220-8033-10	1	T	04:05	X																			
CCV 220-24587/21	1		04:35	X																			
CCB 220-24587/22	1		05:15	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8033-1

SDG No.: 220-8033

Instrument ID: Titrator Method: SM 2320B

Start Date: 02/13/2009 12:51 End Date: 02/13/2009 15:43

Lab Sample ID	D / F	Type	Time	Analytes																			
				Alk																			
ZZZZZZ			12:51																				
ZZZZZZ			12:55																				
ZZZZZZ			12:58																				
ZZZZZZ			13:00																				
ZZZZZZ			13:03																				
ZZZZZZ			13:07																				
ZZZZZZ			13:10																				
ZZZZZZ			13:17																				
LCS 220-24327/9	1	T	13:25	X																			
ZZZZZZ			13:31																				
MB 220-24327/11	1	T	13:35	X																			
220-8033-1	1	T	14:06	X																			
220-8033-2	1	T	14:13	X																			
220-8033-2 DU	1	T	14:21	X																			
220-8033-3	1	T	14:28	X																			
220-8033-4	1	T	14:35	X																			
220-8033-5	1	T	14:42	X																			
ZZZZZZ			14:47																				
LCS 220-24327/19	1	T	14:55	X																			
220-8033-6	1	T	15:02	X																			
220-8033-7	1	T	15:09	X																			
220-8033-8	1	T	15:16	X																			
220-8033-9	1	T	15:23	X																			
220-8033-10	1	T	15:30	X																			
ZZZZZZ			15:35																				
LCS 220-24327/26	1	T	15:43	X																			

Prep Types

T = Total/NA

pH : IM ~~24328~~ 24330

Alk : 24327

TestAmerica Shelton CT

PC-TitratION PLUS

Analyst J. Mendoza

Report Date: 02/13/2009

Report Time: 3:43 PM

Run Number

802

Order Number

20090213-1

SampleID	RunDate	RunTime	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm
7.00 BUFFER	02/13/2009	12:51 PM	-1.00	7.00	-1.00	-1.00	-1.00	-1.00	-1.00
RB-1	02/13/2009	12:55 PM	-1.00	5.97	-1.00	-1.00	-1.00	-1.00	-1.00
MB-1	02/13/2009	12:58 PM	-1.00	5.65	-1.00	-1.00	-1.00	-1.00	-1.00
220-8030-c-1	02/13/2009	1:00 PM	-1.00	8.10	-1.00	-1.00	-1.00	-1.00	-1.00
220-8030-c-1DU	02/13/2009	1:03 PM	-1.00	8.14	-1.00	-1.00	-1.00	-1.00	-1.00
220-8042-c-1	02/13/2009	1:07 PM	-1.00	7.39	-1.00	-1.00	-1.00	-1.00	-1.00
220-8043-i-1	02/13/2009	1:10 PM	-1.00	9.54	-1.00	-1.00	-1.00	-1.00	-1.00
RB-2	02/13/2009	1:17 PM	-1.00	6.24	.00	-11.33	-11.33	.00	.00
LCS-1	02/13/2009	1:25 PM	-1.00	10.40	75.70	259.11	107.72	151.39	.00
RB-3	02/13/2009	1:31 PM	-1.00	5.77	.00	.83	.83	.00	.00
MB-2	02/13/2009	1:35 PM	-1.00	5.35	.00	.15	.15	.00	.00
220-8033-b-1	02/13/2009	2:06 PM	-1.00	10.31	2,015.69	4,081.81	50.42	4,031.39	.00
220-8033-b-2	02/13/2009	2:13 PM	-1.00	6.93	.00	272.62	272.62	.00	.00
220-8033-b-2DU	02/13/2009	2:21 PM	-1.00	6.94	.00	272.31	272.31	.00	.00
220-8033-b-3	02/13/2009	2:28 PM	-1.00	6.97	.00	260.53	260.53	.00	.00
220-8033-b-4	02/13/2009	2:35 PM	-1.00	7.11	.00	161.91	161.91	.00	.00
220-8033-b-5	02/13/2009	2:42 PM	-1.00	7.25	.00	144.07	144.07	.00	.00
RB-4	02/13/2009	2:47 PM	-1.00	5.39	.00	.66	.66	.00	.00
LCS-2	02/13/2009	2:55 PM	-1.00	10.14	110.97	241.69	19.74	221.94	.00
220-8033-b-6	02/13/2009	3:02 PM	-1.00	6.92	.00	100.95	100.95	.00	.00
220-8033-b-7	02/13/2009	3:09 PM	-1.00	7.20	.00	139.85	139.85	.00	.00
220-8033-b-8	02/13/2009	3:16 PM	-1.00	7.28	.00	111.84	111.84	.00	.00
220-8033-b-9	02/13/2009	3:23 PM	-1.00	7.06	.00	258.71	258.71	.00	.00
220-8033-b-10	02/13/2009	3:30 PM	-1.00	7.30	.00	140.26	140.26	.00	.00
RB-5	02/13/2009	3:35 PM	-1.00	5.39	.00	.64	.64	.00	.00
LCS-3	02/13/2009	3:43 PM	-1.00	10.13	107.07	239.08	24.93	214.15	.00

W4BUFF-00003
W7BUFF-00003
W10BUFF-00002
WALKLCS-00030

Calibration Report

Calibration Record # 788

Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	02/13/2009
Channel	1	Time	12:48 PM
Probe Type	pH	Temperature	294.27 K 21.12 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-58.715	CorrCoeff	1.0000
Intercept	18.880	Equation:	Y = (58.715) X + (18.880)

Calibration Validity **True** Operator A

	Result	Minimum	Maximum
Slope	-58.715	-63.00	-55.00
Intercept	18.880	-50.00	50.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	195.19
	7.00	18.55
	10.00	-157.10

CALRPRTLive1.SRW
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PC-Titrate For Windows
Timetable Template Report

Timetable Template:
20090213-1

Step	Schedule	Sample Id	Weight	Volume	Start Date	Start Time
1	PH CALIBRATION	4,7,10		20.00	02/13/2009	
2	PH ONLY	7.00 BUFFER		20.00	02/13/2009	
3	PH ONLY	RB-1		20.00	02/13/2009	
4	PH ONLY	MB-1		20.00	02/13/2009	
5	PH ONLY	220-8030-c-1		20.00	02/13/2009	
6	PH ONLY	220-8030-c-1DU		20.00	02/13/2009	
7	PH ONLY	220-8042-c-1		20.00	02/13/2009	
8	PH ONLY	220-8043-i-1		20.00	02/13/2009	
9	PH-ALKALINITY	RB-2		20.00	02/13/2009	
10	PH-ALKALINITY	LCS-1		20.00	02/13/2009	
11	PH-ALKALINITY	RB-3		20.00	02/13/2009	
12	PH-ALKALINITY	MB-2		20.00	02/13/2009	
13	PH-ALKALINITY	220-8033-b-1		20.00	02/13/2009	
14	PH-ALKALINITY	220-8033-b-2		20.00	02/13/2009	
15	PH-ALKALINITY	220-8033-b-2DU		20.00	02/13/2009	
16	PH-ALKALINITY	220-8033-b-3		20.00	02/13/2009	
17	PH-ALKALINITY	220-8033-b-4		20.00	02/13/2009	
18	PH-ALKALINITY	220-8033-b-5		20.00	02/13/2009	
19	PH-ALKALINITY	RB-4		20.00	02/13/2009	
20	PH-ALKALINITY	LCS-2		20.00	02/13/2009	
21	PH-ALKALINITY	220-8033-b-6		20.00	02/13/2009	
22	PH-ALKALINITY	220-8033-b-7		20.00	02/13/2009	
23	PH-ALKALINITY	220-8033-b-8		20.00	02/13/2009	
24	PH-ALKALINITY	220-8033-b-9		20.00	02/13/2009	
25	PH-ALKALINITY	220-8033-b-10		20.00	02/13/2009	
26	PH-ALKALINITY	RB-5		20.00	02/13/2009	
27	PH-ALKALINITY	LCS-3		20.00	02/13/2009	

TIMETABL.SRW
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34587
34588

Report # 090217 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Mundt Date: 2/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010 LCS = WDEMLCS-00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
ID2	1	1	02/17/09 16:07	582828	423742	0.32	0.28		DDM	
ID2	2	1	02/17/09 16:11	561875	423742	0.28	0.28		DDM	
ID2	3	1	02/17/09 16:14	548942	423742	0.26	0.28		DDM	
ID2	4	1	02/17/09 16:18	543600	423742	0.24	0.28		DDM	
ICV	1	1	02/17/09 16:38	5698398	423742	10.76	10.53		DDM	
ICV	2	1	02/17/09 16:47	5602882	423742	10.57	10.53		DDM	
ICV	3	1	02/17/09 16:56	5538917	423742	10.44	10.53		DDM	
ICV	4	1	02/17/09 17:04	5504139	423742	10.37	10.53	10.53	DDM	
ICB	1	1	02/17/09 17:19	559641	423742	0.28	0.16		DDM	
ICB	2	1	02/17/09 17:23	501243	423742	0.16	0.16		DDM	
ICB	3	1	02/17/09 17:26	479236	423742	0.11	0.16		DDM	
ICB	4	1	02/17/09 17:30	462105	423742	0.08	0.16	0.16	DDM	
CCV	1	1	02/17/09 17:50	5581210	423742	10.52	10.40		DDM	
CCV	2	1	02/17/09 17:58	5495030	423742	10.35	10.40		DDM	
CCV	3	1	02/17/09 18:06	5470930	423742	10.30	10.40		DDM	
CCV	4	1	02/17/09 18:14	5538389	423742	10.44	10.40	10.40	DDM	
CCB	1	1	02/17/09 18:30	522404	423742	0.20	0.14		DDM	
CCB	2	1	02/17/09 18:33	499251	423742	0.15	0.14		DDM	
CCB	3	1	02/17/09 18:37	487944	423742	0.13	0.14		DDM	
CCB	4	1	02/17/09 18:40	463873	423742	0.08	0.14	0.14	DDM	
LCS@4	1	4	02/17/09 19:02	11165814	423742	21.92	21.67		DDM	
LCS@4	2	4	02/17/09 19:12	11075607	423742	21.74	21.67		DDM	
LCS@4	3	4	02/17/09 19:21	11017819	423742	21.62	21.67		DDM	
LCS@4	4	4	02/17/09 19:31	10912571	423742	21.40	21.67	86.68	DDM	T V = 82.2 mg/L
MB	1	1	02/17/09 19:46	506355	423742	0.17	0.07		DDM	
MB	2	1	02/17/09 19:50	460691	423742	0.08	0.07		DDM	
MB	3	1	02/17/09 19:53	432070	423742	0.02	0.07		DDM	
MB	4	1	02/17/09 19:56	435117	423742	0.02	0.07	0.07	DDM	
220-8033-e-1	1	1	02/17/09 20:16	3894004	423742	7.08	6.70		DDM	
220-8033-e-1	2	1	02/17/09 20:23	3699952	423742	6.69	6.70		DDM	
220-8033-e-1	3	1	02/17/09 20:30	3605794	423742	6.49	6.70		DDM	
220-8033-e-1	4	1	02/17/09 20:37	3624851	423742	6.53	6.70	6.70	DDM	
220-8033-e-2	1	1	02/17/09 20:56	3152816	423742	5.57	5.30		DDM	
220-8033-e-2	2	1	02/17/09 21:03	3037147	423742	5.33	5.30		DDM	
220-8033-e-2	3	1	02/17/09 21:10	2934819	423742	5.12	5.30		DDM	
220-8033-e-2	4	1	02/17/09 21:17	2953724	423742	5.16	5.30	5.30	DDM	
220-8033-f-2 DU	1	1	02/17/09 21:36	3172381	423742	5.61	5.40		DDM	
220-8033-f-2 DU	2	1	02/17/09 21:43	3069009	423742	5.40	5.40		DDM	
220-8033-f-2 DU	3	1	02/17/09 21:50	3022895	423742	5.30	5.40		DDM	
220-8033-f-2 DU	4	1	02/17/09 21:57	3022300	423742	5.30	5.40	5.40	DDM	
220-8033-b-2 MS	1	1	02/17/09 22:20	13283295	423742	26.24	25.84		DDM	
220-8033-b-2 MS	2	1	02/17/09 22:29	13014427	423742	25.69	25.84		DDM	
220-8033-b-2 MS	3	1	02/17/09 22:39	12993688	423742	25.65	25.84		DDM	
220-8033-b-2 MS	4	1	02/17/09 22:48	13044857	423742	25.76	25.84	25.84	DDM	S A = 20.0 mg/L
220-8033-e-3	1	1	02/17/09 23:07	2299713	423742	3.83	3.66		DDM	
220-8033-e-3	2	1	02/17/09 23:13	2217495	423742	3.66	3.66		DDM	
220-8033-e-3	3	1	02/17/09 23:20	2160573	423742	3.54	3.66		DDM	
220-8033-e-3	4	1	02/17/09 23:26	2183892	423742	3.59	3.66	3.66	DDM	
220-8033-e-4	1	1	02/17/09 23:45	1244460	423742	1.67	1.31		DDM	
220-8033-e-4	2	1	02/17/09 23:51	1069657	423742	1.32	1.31		DDM	
220-8033-e-4	3	1	02/17/09 23:58	976232	423742	1.13	1.31		DDM	
220-8033-e-4	4	1	02/18/09 00:05	979966	423742	1.14	1.31	1.31	DDM	
220-8033-e-5	1	1	02/18/09 00:20	479921	423742	0.11	-0.01		DDM	
220-8033-e-5	2	1	02/18/09 00:23	393257	423742	-0.06	-0.01		DDM	
220-8033-e-5	3	1	02/18/09 00:27	402926	423742	-0.04	-0.01		DDM	
220-8033-e-5	4	1	02/18/09 00:30	404984	423742	-0.04	-0.01	-0.01	DDM	

Report # 090217 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 2/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-8033-e-6	1	1	02/18/09 00:48	1874152	423742	2.96	2.82		DDM	
220-8033-e-6	2	1	02/18/09 00:55	1813249	423742	2.84	2.82		DDM	
220-8033-e-6	3	1	02/18/09 01:01	1777505	423742	2.76	2.82		DDM	
220-8033-e-6	4	1	02/18/09 01:08	1760269	423742	2.73	2.82	2.82	DDM	
CCV	1	1	02/18/09 01:28	5564697	423742	10.49	10.28		DDM	
CCV	2	1	02/18/09 01:36	5379430	423742	10.11	10.28		DDM	
CCV	3	1	02/18/09 01:45	5464033	423742	10.29	10.28		DDM	
CCV	4	1	02/18/09 01:53	5432753	423742	10.22	10.28	10.28	DDM	
CCB	1	1	02/18/09 02:08	457815	423742	0.07	0.01		DDM	
CCB	2	1	02/18/09 02:11	428145	423742	0.01	0.01		DDM	
CCB	3	1	02/18/09 02:15	421764	423742	0.00	0.01		DDM	
CCB	4	1	02/18/09 02:18	416588	423742	-0.01	0.01	0.01	DDM	
220-8033-e-7	1	1	02/18/09 02:37	1025166	423742	1.23	0.46		DDM	
220-8033-e-7	2	1	02/18/09 02:44	841111	423742	0.85	0.46		DDM	
220-8033-e-7	3	1	02/18/09 02:48	416741	423742	-0.01	0.46		DDM	
220-8033-e-7	4	1	02/18/09 02:51	306661	423742	-0.24	0.46	0.46	DDM	
220-8033-e-8	1	1	02/18/09 03:06	394772	423742	-0.06	-0.07		DDM	
220-8033-e-8	2	1	02/18/09 03:09	390526	423742	-0.07	-0.07		DDM	
220-8033-e-8	3	1	02/18/09 03:12	389332	423742	-0.07	-0.07		DDM	
220-8033-e-8	4	1	02/18/09 03:16	389816	423742	-0.07	-0.07	-0.07	DDM	
220-8033-e-9	1	1	02/18/09 03:40	1474051	423742	2.14	0.44		DDM	
220-8033-e-9	2	1	02/18/09 03:44	405893	423742	-0.04	0.44		DDM	
220-8033-e-9	3	1	02/18/09 03:47	326726	423742	-0.20	0.44		DDM	
220-8033-e-9	4	1	02/18/09 03:50	356429	423742	-0.14	0.44	0.44	DDM	
220-8033-e-10	1	1	02/18/09 04:05	411610	423742	-0.02	-0.09		DDM	
220-8033-e-10	2	1	02/18/09 04:09	370064	423742	-0.11	-0.09		DDM	
220-8033-e-10	3	1	02/18/09 04:12	369618	423742	-0.11	-0.09		DDM	
220-8033-e-10	4	1	02/18/09 04:15	370767	423742	-0.11	-0.09	-0.09	DDM	
CCV	1	1	02/18/09 04:35	5560987	423742	10.48	10.32		DDM	
CCV	2	1	02/18/09 04:43	5455015	423742	10.27	10.32		DDM	
CCV	3	1	02/18/09 04:52	5437527	423742	10.23	10.32		DDM	
CCV	4	1	02/18/09 05:00	5460659	423742	10.28	10.32	10.32	DDM	
CCB	1	1	02/18/09 05:15	419289	423742	-0.01	-0.06		DDM	
CCB	2	1	02/18/09 05:18	391741	423742	-0.07	-0.06		DDM	
CCB	3	1	02/18/09 05:22	384682	423742	-0.08	-0.06		DDM	
CCB	4	1	02/18/09 05:25	387475	423742	-0.07	-0.06	-0.06	DDM	
BLANK	1	1	02/18/09 18:23	371653	423742	-0.11	-0.18		DDM	
BLANK	2	1	02/18/09 18:26	336880	423742	-0.18	-0.18		DDM	
BLANK	3	1	02/18/09 18:30	322026	423742	-0.21	-0.18		DDM	
BLANK	4	1	02/18/09 18:33	320071	423742	-0.21	-0.18		DDM	
CCV	1	1	02/18/09 18:53	5512265	423742	10.38	10.24		DDM	
CCV	2	1	02/18/09 19:01	5437229	423742	10.23	10.24		DDM	
CCV	3	1	02/18/09 19:10	5435034	423742	10.23	10.24		DDM	
CCV	4	1	02/18/09 19:18	5377943	423742	10.11	10.24	10.24	DDM	
CCB	1	1	02/18/09 19:33	352266	423742	-0.15	-0.21		DDM	
CCB	2	1	02/18/09 19:36	317783	423742	-0.22	-0.21		DDM	
CCB	3	1	02/18/09 19:40	307020	423742	-0.24	-0.21		DDM	
CCB	4	1	02/18/09 19:43	306183	423742	-0.24	-0.21	-0.21	DDM	
LCS@4	1	4	02/18/09 20:05	11169843	423742	21.93	21.41		DDM	
LCS@4	2	4	02/18/09 20:15	10906420	423742	21.39	21.41		DDM	
LCS@4	3	4	02/18/09 20:25	10789262	423742	21.15	21.41		DDM	
LCS@4	4	4	02/18/09 20:35	10796131	423742	21.17	21.41	85.64	DDM	T V = 82.2 mg/L
MB	1	1	02/18/09 20:50	339621	423742	-0.17	-0.24		DDM	
MB	2	1	02/18/09 20:53	309218	423742	-0.23	-0.24		DDM	
MB	3	1	02/18/09 20:56	290451	423742	-0.27	-0.24		DDM	
MB	4	1	02/18/09 21:00	282948	423742	-0.29	-0.24	-0.24	DDM	

Report # 090217 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Numoth Date: 2/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-8038-a-1@200	1	200	02/18/09 21:19	14209247	423742	28.13	30.29		DDM	
220-8038-a-1@200	2	200	02/18/09 21:27	16000075	423742	31.79	30.29		DDM	
220-8038-a-1@200	3	200	02/18/09 21:35	15441104	423742	30.65	30.29		DDM	
220-8038-a-1@200	4	200	02/18/09 21:43	15410390	423742	30.58	30.29	6057.41	DDM	
220-8038-a-2@200	1	200	02/18/09 22:02	12450336	423742	24.54	26.63		DDM	
220-8038-a-2@200	2	200	02/18/09 22:09	14008661	423742	27.72	26.63		DDM	
220-8038-a-2@200	3	200	02/18/09 22:17	13756211	423742	27.21	26.63		DDM	
220-8038-a-2@200	4	200	02/18/09 22:24	13671212	423742	27.03	26.63	5325.37	DDM	
220-8038-a-3@200	1	200	02/18/09 22:43	13686514	423742	27.07	29.04		DDM	
220-8038-a-3@200	2	200	02/18/09 22:51	15244782	423742	30.25	29.04		DDM	
220-8038-a-3@200	3	200	02/18/09 22:58	14784862	423742	29.31	29.04		DDM	
220-8038-a-3@200	4	200	02/18/09 23:06	14904927	423742	29.55	29.04	5808.47	DDM	
220-8038-a-4@200	1	200	02/18/09 23:25	13628348	423742	26.95	29.24		DDM	
220-8038-a-4@200	2	200	02/18/09 23:33	15289306	423742	30.34	29.24		DDM	
220-8038-a-4@200	3	200	02/18/09 23:40	15045877	423742	29.84	29.24		DDM	
220-8038-a-4@200	4	200	02/18/09 23:48	15043032	423742	29.83	29.24	5847.80	DDM	
220-8038-a-4 DU@200	1	200	02/19/09 00:07	13684762	423742	27.06	29.24		DDM	
220-8038-a-4 DU@200	2	200	02/19/09 00:14	15495868	423742	30.76	29.24		DDM	
220-8038-a-4 DU@200	3	200	02/19/09 00:22	14972656	423742	29.69	29.24		DDM	
220-8038-a-4 DU@200	4	200	02/19/09 00:30	14862607	423742	29.47	29.24	5848.76	DDM	
220-8038-a-4 MS@200	1	200	02/19/09 00:51	23252706	423742	46.59	48.72		DDM	
220-8038-a-4 MS@200	2	200	02/19/09 01:01	24844836	423742	49.84	48.72		DDM	
220-8038-a-4 MS@200	3	200	02/19/09 01:11	24507852	423742	49.15	48.72		DDM	
220-8038-a-4 MS@200	4	200	02/19/09 01:21	24590790	423742	49.32	48.72	9744.49	DDM	S A = 4000 mg/L
220-8038-a-5@200	1	200	02/19/09 01:40	15025612	423742	29.80	31.93		DDM	
220-8038-a-5@200	2	200	02/19/09 01:48	16587269	423742	32.98	31.93		DDM	
220-8038-a-5@200	3	200	02/19/09 01:56	16336716	423742	32.47	31.93		DDM	
220-8038-a-5@200	4	200	02/19/09 02:04	16335455	423742	32.47	31.93	6386.40	DDM	
220-8038-a-6@200	1	200	02/19/09 02:23	13772031	423742	27.24	29.78		DDM	
220-8038-a-6@200	2	200	02/19/09 02:31	15810100	423742	31.40	29.78		DDM	
220-8038-a-6@200	3	200	02/19/09 02:39	15111884	423742	29.97	29.78		DDM	
220-8038-a-6@200	4	200	02/19/09 02:47	15379688	423742	30.52	29.78	5956.69	DDM	
CCV	1	1	02/19/09 03:06	5481685	423742	10.32	10.16		DDM	
CCV	2	1	02/19/09 03:14	5412576	423742	10.18	10.16		DDM	
CCV	3	1	02/19/09 03:22	5362685	423742	10.08	10.16		DDM	
CCV	4	1	02/19/09 03:30	5352894	423742	10.06	10.16	10.16	DDM	
CCB	1	1	02/19/09 03:45	330399	423742	-0.19	-0.22		DDM	
CCB	2	1	02/19/09 03:48	311186	423742	-0.23	-0.22		DDM	
CCB	3	1	02/19/09 03:52	309702	423742	-0.23	-0.22		DDM	
CCB	4	1	02/19/09 03:55	311037	423742	-0.23	-0.22	-0.22	DDM	
220-8038-a-7@200	1	200	02/19/09 04:14	13131228	423742	25.93	28.66		DDM	
220-8038-a-7@200	2	200	02/19/09 04:22	14971240	423742	29.69	28.66		DDM	
220-8038-a-7@200	3	200	02/19/09 04:30	14942092	423742	29.63	28.66		DDM	
220-8038-a-7@200	4	200	02/19/09 04:38	14833354	423742	29.41	28.66	5732.64	DDM	
220-8038-a-8@200	1	200	02/19/09 04:57	13292404	423742	26.26	28.68		DDM	
220-8038-a-8@200	2	200	02/19/09 05:05	15013378	423742	29.77	28.68		DDM	
220-8038-a-8@200	3	200	02/19/09 05:13	14837439	423742	29.41	28.68		DDM	
220-8038-a-8@200	4	200	02/19/09 05:20	14759991	423742	29.26	28.68	5735.22	DDM	
220-8038-a-9@200	1	200	02/19/09 05:46	20494302	423742	40.96	39.95		DDM	
220-8038-a-9@200	2	200	02/19/09 05:59	20113038	423742	40.18	39.95		DDM	
220-8038-a-9@200	3	200	02/19/09 06:11	19645397	423742	39.23	39.95		DDM	
220-8038-a-9@200	4	200	02/19/09 06:23	19742212	423742	39.42	39.95	7989.36	DDM	
220-8038-a-10@200	1	200	02/19/09 06:50	21792597	423742	43.61	42.77		DDM	
220-8038-a-10@200	2	200	02/19/09 07:04	21459518	423742	42.93	42.77		DDM	
220-8038-a-10@200	3	200	02/19/09 07:17	21204208	423742	42.41	42.77		DDM	
220-8038-a-10@200	4	200	02/19/09 07:29	21066084	423742	42.12	42.77	8553.36	DDM	

Report # 090217 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 2/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-8038-a-11@200	1	200	02/19/09 07:44	258778	423742	-0.34	-0.32		DDM	Rerun follows
220-8038-a-11@200	2	200	02/19/09 07:47	270738	423742	-0.31	-0.32		DDM	Rerun follows
220-8038-a-11@200	3	200	02/19/09 07:50	272143	423742	-0.31	-0.32		DDM	Rerun follows
220-8038-a-11@200	4	200	02/19/09 07:53	271976	423742	-0.31	-0.32		DDM	Rerun follows
220-8038-a-12@200	1	200	02/19/09 08:08	259754	423742	-0.33	-0.28		DDM	Rerun follows
220-8038-a-12@200	2	200	02/19/09 08:11	286667	423742	-0.28	-0.28		DDM	Rerun follows
220-8038-a-12@200	3	200	02/19/09 08:15	293261	423742	-0.27	-0.28		DDM	Rerun follows
220-8038-a-12@200	4	200	02/19/09 08:18	298710	423742	-0.26	-0.28		DDM	Rerun follows
CCV	1	1	02/19/09 08:38	5484787	423742	10.33	10.23		DDM	
CCV	2	1	02/19/09 08:46	5401648	423742	10.16	10.23		DDM	
CCV	3	1	02/19/09 08:54	5425745	423742	10.21	10.23		DDM	
CCV	4	1	02/19/09 09:02	5431009	423742	10.22	10.23	10.23	DDM	
CCB	1	1	02/19/09 09:17	338339	423742	-0.17	-0.23		DDM	
CCB	2	1	02/19/09 09:20	306182	423742	-0.24	-0.23		DDM	
CCB	3	1	02/19/09 09:24	302520	423742	-0.25	-0.23		DDM	
CCB	4	1	02/19/09 09:27	301576	423742	-0.25	-0.23	-0.23	DDM	
220-8038-a-11@40	1	40	02/19/09 09:42	262373	423742	-0.33	-0.31		DDM	
220-8038-a-11@40	2	40	02/19/09 09:45	270072	423742	-0.31	-0.31		DDM	
220-8038-a-11@40	3	40	02/19/09 09:48	272334	423742	-0.31	-0.31		DDM	
220-8038-a-11@40	4	40	02/19/09 09:51	272785	423742	-0.31	-0.31	-12.60	DDM	
220-8038-a-12@40	1	40	02/19/09 10:06	264658	423742	-0.32	-0.28		DDM	
220-8038-a-12@40	2	40	02/19/09 10:09	283475	423742	-0.29	-0.28		DDM	
220-8038-a-12@40	3	40	02/19/09 10:12	297817	423742	-0.26	-0.28		DDM	
220-8038-a-12@40	4	40	02/19/09 10:16	302884	423742	-0.25	-0.28	-11.14	DDM	
CCV	1	1	02/19/09 10:36	5627117	423742	10.62	10.78		DDM	
CCV	2	1	02/19/09 10:45	5719162	423742	10.81	10.78		DDM	
CCV	3	1	02/19/09 10:53	5730478	423742	10.83	10.78		DDM	
CCV	4	1	02/19/09 11:01	5755828	423742	10.88	10.78	10.78	DDM	
CCB	1	1	02/19/09 11:16	353467	423742	-0.14	-0.18		DDM	
CCB	2	1	02/19/09 11:19	331858	423742	-0.19	-0.18		DDM	
CCB	3	1	02/19/09 11:23	330592	423742	-0.19	-0.18		DDM	
CCB	4	1	02/19/09 11:26	321334	423742	-0.21	-0.18	-0.18	DDM	
ID1	1	1	02/23/09 17:53	609750	423742	0.38	0.34		DDM	
ID1	2	1	02/23/09 17:57	594921	423742	0.35	0.34		DDM	
ID1	3	1	02/23/09 18:00	582940	423742	0.32	0.34		DDM	
ID1	4	1	02/23/09 18:04	574025	423742	0.31	0.34		DDM	
CCV	1	1	02/23/09 18:24	5661898	423742	10.69	10.44		DDM	
CCV	2	1	02/23/09 18:32	5563610	423742	10.49	10.44		DDM	
CCV	3	1	02/23/09 18:41	5482569	423742	10.32	10.44		DDM	
CCV	4	1	02/23/09 18:49	5446463	423742	10.25	10.44	10.44	DDM	
CCB	1	1	02/23/09 19:04	538510	423742	0.23	0.16		DDM	
CCB	2	1	02/23/09 19:08	508302	423742	0.17	0.16		DDM	
CCB	3	1	02/23/09 19:11	489511	423742	0.13	0.16		DDM	
CCB	4	1	02/23/09 19:15	474861	423742	0.10	0.16	0.16	DDM	
220-8104-a-1@500	1	500	02/23/09 19:40	17488369	423742	34.82	34.91		DDM	
220-8104-a-1@500	2	500	02/23/09 19:53	17860408	423742	35.58	34.91		DDM	
220-8104-a-1@500	3	500	02/23/09 20:05	17304794	423742	34.45	34.91		DDM	
220-8104-a-1@500	4	500	02/23/09 20:18	17466696	423742	34.78	34.91	17454.48	DDM	
220-8092-k-1	1	1	02/23/09 20:38	2002876	423742	3.22	2.79		DDM	
220-8092-k-1	2	1	02/23/09 20:45	1819117	423742	2.85	2.79		DDM	
220-8092-k-1	3	1	02/23/09 20:52	1686469	423742	2.58	2.79		DDM	
220-8092-k-1	4	1	02/23/09 20:59	1656798	423742	2.52	2.79	2.79	DDM	
220-8092-k-2	1	1	02/23/09 21:21	4092207	423742	7.49	6.86		DDM	
220-8092-k-2	2	1	02/23/09 21:31	3875646	423742	7.04	6.86		DDM	
220-8092-k-2	3	1	02/23/09 21:40	3708713	423742	6.70	6.86		DDM	
220-8092-k-2	4	1	02/23/09 21:48	3470896	423742	6.22	6.86	6.86	DDM	

Report # 090217 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 2/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-8092-k-3	1	1	02/23/09 22:06	1206574	423742	1.60	1.45		DDM	
220-8092-k-3	2	1	02/23/09 22:11	1126977	423742	1.44	1.45		DDM	
220-8092-k-3	3	1	02/23/09 22:16	1103317	423742	1.39	1.45		DDM	
220-8092-k-3	4	1	02/23/09 22:22	1092411	423742	1.36	1.45	1.45	DDM	
220-8092-k-4	1	1	02/23/09 22:45	1674593	423742	2.55	1.15		DDM	
220-8092-k-4	2	1	02/23/09 22:54	1109659	423742	1.40	1.15		DDM	
220-8092-k-4	3	1	02/23/09 23:01	821240	423742	0.81	1.15		DDM	
220-8092-k-4	4	1	02/23/09 23:04	341502	423742	-0.17	1.15	1.15	DDM	
220-8092-k-5	1	1	02/23/09 23:35	4613687	423742	8.55	5.47		DDM	
220-8092-k-5	2	1	02/23/09 23:51	3992343	423742	7.28	5.47		DDM	
220-8092-k-5	3	1	02/24/09 00:06	3464118	423742	6.20	5.47		DDM	
220-8092-k-5	4	1	02/24/09 00:10	347831	423742	-0.15	5.47	5.47	DDM	
220-8092-k-6	1	1	02/24/09 00:25	483543	423742	0.12	-0.07		DDM	
220-8092-k-6	2	1	02/24/09 00:29	396455	423742	-0.06	-0.07		DDM	
220-8092-k-6	3	1	02/24/09 00:33	348049	423742	-0.15	-0.07		DDM	
220-8092-k-6	4	1	02/24/09 00:36	332195	423742	-0.19	-0.07	-0.07	DDM	
220-8092-k-7	1	1	02/24/09 00:51	380310	423742	-0.09	-0.16		DDM	
220-8092-k-7	2	1	02/24/09 00:54	328913	423742	-0.19	-0.16		DDM	
220-8092-k-7	3	1	02/24/09 00:58	333983	423742	-0.18	-0.16		DDM	
220-8092-k-7	4	1	02/24/09 01:01	337199	423742	-0.18	-0.16	-0.16	DDM	
220-8092-l-7 DU	1	1	02/24/09 01:16	367542	423742	-0.11	-0.18		DDM	
220-8092-l-7 DU	2	1	02/24/09 01:19	321254	423742	-0.21	-0.18		DDM	
220-8092-l-7 DU	3	1	02/24/09 01:23	329685	423742	-0.19	-0.18		DDM	
220-8092-l-7 DU	4	1	02/24/09 01:26	329112	423742	-0.19	-0.18	-0.18	DDM	
220-8092-k-7 ms	1	1	02/24/09 01:50	10238600	423742	20.03	19.31		DDM	
220-8092-k-7 ms	2	1	02/24/09 02:01	9926414	423742	19.39	19.31		DDM	
220-8092-k-7 ms	3	1	02/24/09 02:12	9724281	423742	18.98	19.31		DDM	
220-8092-k-7 ms	4	1	02/24/09 02:23	9664891	423742	18.86	19.31	19.31	DDM	S A = 20.0 mg/L
CCV	1	1	02/24/09 02:44	5442609	423742	10.24	10.08		DDM	
CCV	2	1	02/24/09 02:53	5352376	423742	10.06	10.08		DDM	
CCV	3	1	02/24/09 03:02	5365092	423742	10.08	10.08		DDM	
CCV	4	1	02/24/09 03:11	5293496	423742	9.94	10.08	10.08	DDM	
CCB	1	1	02/24/09 03:26	352510	423742	-0.15	-0.20		DDM	
CCB	2	1	02/24/09 03:29	323964	423742	-0.20	-0.20		DDM	
CCB	3	1	02/24/09 03:33	316502	423742	-0.22	-0.20		DDM	
CCB	4	1	02/24/09 03:36	309014	423742	-0.23	-0.20	-0.20	DDM	
221-8092-k-7 msd	1	1	02/24/09 04:00	10253857	423742	20.06	19.29		DDM	
221-8092-k-7 msd	2	1	02/24/09 04:12	9871695	423742	19.28	19.29		DDM	
221-8092-k-7 msd	3	1	02/24/09 04:24	9789090	423742	19.11	19.29		DDM	
221-8092-k-7 msd	4	1	02/24/09 04:36	9595574	423742	18.72	19.29	19.29	DDM	
LCS@4	1	4	02/24/09 04:58	10877602	423742	21.33	21.12		DDM	
LCS@4	2	4	02/24/09 05:10	10717140	423742	21.01	21.12		DDM	
LCS@4	3	4	02/24/09 05:20	10698028	423742	20.97	21.12		DDM	
LCS@4	4	4	02/24/09 05:31	10797501	423742	21.17	21.12	84.48	DDM	T V = 82.2 mg/L
MB	1	1	02/24/09 05:46	339440	423742	-0.17	-0.22		DDM	
MB	2	1	02/24/09 05:49	311626	423742	-0.23	-0.22		DDM	
MB	3	1	02/24/09 05:53	312435	423742	-0.23	-0.22		DDM	
MB	4	1	02/24/09 05:56	301230	423742	-0.25	-0.22	-0.22	DDM	
220-8116-k-1	1	1	02/24/09 06:11	324094	423742	-0.20	-0.29		DDM	
220-8116-k-1	2	1	02/24/09 06:14	255413	423742	-0.34	-0.29		DDM	
220-8116-k-1	3	1	02/24/09 06:18	266978	423742	-0.32	-0.29		DDM	
220-8116-k-1	4	1	02/24/09 06:21	271734	423742	-0.31	-0.29	-0.29	DDM	
220-8116-k-2	1	1	02/24/09 06:38	498471	423742	0.15	-0.10		DDM	
220-8116-k-2	2	1	02/24/09 06:42	421499	423742	0.00	-0.10		DDM	
220-8116-k-2	3	1	02/24/09 06:46	333508	423742	-0.18	-0.10		DDM	
220-8116-k-2	4	1	02/24/09 06:49	236059	423742	-0.38	-0.10	-0.10	DDM	

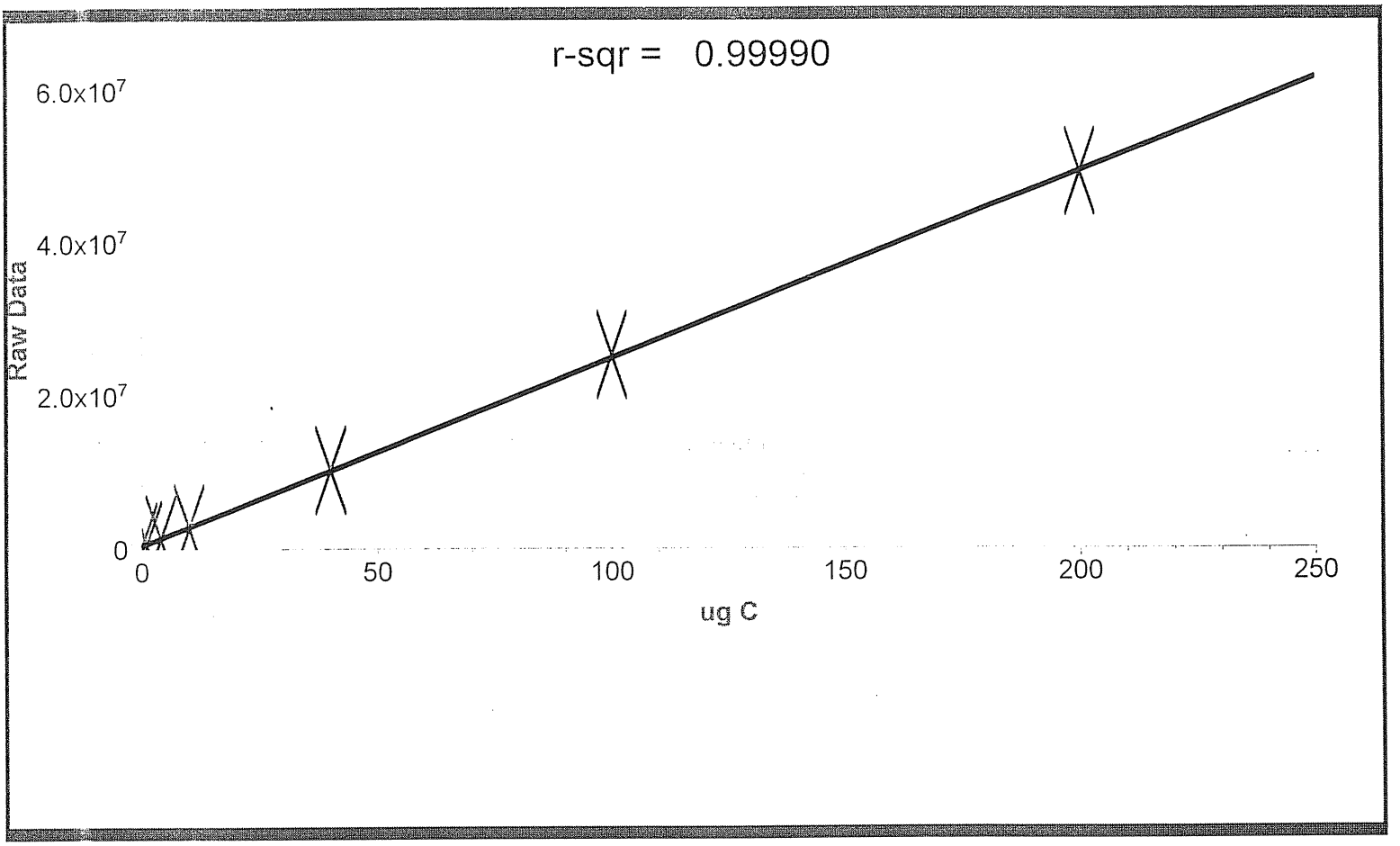
Report # 090217 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 2/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-8116-k-3	1	1	02/24/09 07:05	400411	423742	-0.05	-0.24		DDM	
220-8116-k-3	2	1	02/24/09 07:08	311116	423742	-0.23	-0.24		DDM	
220-8116-k-3	3	1	02/24/09 07:12	253971	423742	-0.35	-0.24		DDM	
220-8116-k-3	4	1	02/24/09 07:15	251657	423742	-0.35	-0.24	-0.24	DDM	
220-8116-k-4	1	1	02/24/09 07:36	3072429	423742	5.41	4.89		DDM	
220-8116-k-4	2	1	02/24/09 07:45	2846706	423742	4.94	4.89		DDM	
220-8116-k-4	3	1	02/24/09 07:54	2715847	423742	4.68	4.89		DDM	
220-8116-k-4	4	1	02/24/09 08:03	2651106	423742	4.55	4.89	4.89	DDM	
220-8116-k-5	1	1	02/24/09 08:18	389291	423742	-0.07	-0.26		DDM	
220-8116-k-5	2	1	02/24/09 08:22	305860	423742	-0.24	-0.26		DDM	
220-8116-k-5	3	1	02/24/09 08:25	244355	423742	-0.37	-0.26		DDM	
220-8116-k-5	4	1	02/24/09 08:29	240894	423742	-0.37	-0.26	-0.26	DDM	
220-8117-k-6	1	1	02/24/09 08:44	351763	423742	-0.15	-0.20		DDM	
220-8117-k-6	2	1	02/24/09 08:47	322498	423742	-0.21	-0.20		DDM	
220-8117-k-6	3	1	02/24/09 08:51	314507	423742	-0.22	-0.20		DDM	
220-8117-k-6	4	1	02/24/09 08:54	308152	423742	-0.24	-0.20	-0.20	DDM	
CCV	1	1	02/24/09 09:14	5508652	423742	10.38	10.24		DDM	
CCV	2	1	02/24/09 09:23	5441366	423742	10.24	10.24		DDM	
CCV	3	1	02/24/09 09:31	5411389	423742	10.18	10.24		DDM	
CCV	4	1	02/24/09 09:40	5412079	423742	10.18	10.24	10.24	DDM	
CCB	1	1	02/24/09 09:55	313215	423742	-0.23	-0.27		DDM	
CCB	2	1	02/24/09 09:58	294029	423742	-0.26	-0.27		DDM	
CCB	3	1	02/24/09 10:01	282638	423742	-0.29	-0.27		DDM	
CCB	4	1	02/24/09 10:05	279333	423742	-0.29	-0.27	-0.27	DDM	

Calibration Report Print Date/Time: 2009/01/29 9:18:14
Instrument: TOC1/STLCT

Cal. Curve ID: WTOCSTDSTK_00007
Created: 2008/10/16 07:53
Calibration Factor (m): 2.450e+05
Y Intercept (b): 409859
r-squared: 0.99990

In Use	Standard ID	Y Raw Data	X Expected ug C/N	Measured ug C/N	Message	Date & Time
X	0.00 ppm	397052	0.000	-0.052		2008/10/15 15:58
X	0.50 ppm	569370	1.000	0.651		2008/10/15 16:27
X	2.00 ppm	1330565	4.000	3.758		2008/10/15 17:01
X	5.00 ppm	2757530	10.000	9.582		2008/10/15 17:42
X	20.0 ppm	10301221	40.000	40.371		2008/10/15 18:32
X	50.0 ppm	25272626	100.000	101.475		2008/10/15 19:38
X	100.0 ppm	49220384	200.000	199.216		2008/10/15 21:08


r-sqr = 0.99990
6.0x10^7
4.0x10^7
2.0x10^7
0
Raw Data
0
50
100
150
200
250
ug C

General Chemistry Worksheet

Batch Number: 220-24327
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Feb 13 2009 12:51PM
Batch End: Feb 13 2009 3:43PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Calculation Message	Test_00001	VCLPIC_00001	WALKLCS_00030
7.00~BUFFER					InitialAmount is blank			
RB-1				20 mL	Titrant1Normality is blank			
MB-1				20 mL	Titrant1Normality is blank			
220-8030-C-1	MCFT WWNA 021			20 mL	Titrant1Normality is blank			
220-8030-C-1~DU				20 mL	Titrant1Normality is blank			
220-8042-C-1	IDW-021209 GW			20 mL	Titrant1Normality is blank			
220-8043-I-1	EFF021209-2			20 mL	Titrant1Normality is blank			
RB~220-24327/8				20 mL	Titrant1Normality is blank	# L		
LCS~220-24327/9		2320B		20 mL	Titrant1Normality is blank			20 mL
RB~220-24327/10				20 mL	Titrant1Normality is blank		# %	
MB~220-24327/11		2320B		20 mL	Titrant1Normality is blank	# L		
220-8033-B-1	OW-3	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-2	OW-5	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-2~DU		2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-3	OW-6	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-4	OW-7	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-5	MW-26I	2320B	T	20 mL	Titrant1Normality is blank			
RB~220-24327/18				20 mL	Titrant1Normality is blank		# %	
LCS~220-24327/19		2320B		20 mL	Titrant1Normality is blank	# L		20 mL
220-8033-B-6	MW-30I	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-7	MW-31I	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-8	MW-33I	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-9	MW-34I	2320B	T	20 mL	Titrant1Normality is blank			
220-8033-B-10	MW-35I	2320B	T	20 mL	Titrant1Normality is blank			

General Chemistry Worksheet

Batch Number: 220-24327
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Feb 13 2009 12:51PM
Batch End: Feb 13 2009 3:43PM

RB~220-24327/25	20 mL	Titrant1Normality is blank	# %

General Chemistry Worksheet

Batch Number: 220-24327
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Feb 13 2009 12:51PM
Batch End: Feb 13 2009 3:43PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Calculation Message	Test_00001	VCLPIC_00001	WALKLCS_00030
LCS~220-24327/26		2320B		20 mL	Titrant1Normality is blank		# %	20 mL

First Start time: 12:51
First End time: 15:43
Nominal Volume Used: 20 mL

General Chemistry Worksheet

Batch Number: 220-24327
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Feb 13 2009 12:51PM
Batch End: Feb 13 2009 3:43PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
7.00~BUFFER				
RB-1				
MB-1				
220-8030-C-1	MCFT WWNA 021			
220-8030-C-1~DU				
220-8042-C-1	IDW-021209 GW			
220-8043-I-1	EFF021209-2			
RB~220-24327/8				
LCS~220-24327/9		2320B		
RB~220-24327/10				
MB~220-24327/11		2320B		
220-8033-B-1	OW-3	2320B	T	
220-8033-B-2	OW-5	2320B	T	
220-8033-B-2~DU		2320B	T	
220-8033-B-3	OW-6	2320B	T	
220-8033-B-4	OW-7	2320B	T	
220-8033-B-5	MW-26I	2320B	T	
RB~220-24327/18				
LCS~220-24327/19		2320B		
220-8033-B-6	MW-30I	2320B	T	
220-8033-B-7	MW-31I	2320B	T	
220-8033-B-8	MW-33I	2320B	T	
220-8033-B-9	MW-34I	2320B	T	
220-8033-B-10	MW-35I	2320B	T	
RB~220-24327/25				

General Chemistry Worksheet

Batch Number: 220-24327
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Feb 13 2009 12:51PM
Batch End: Feb 13 2009 3:43PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
LCS~220-24327/26		2320B		

Batch Comment: walklcs_00030

General Chemistry Worksheet

Batch Number: 220-24587
Method: 9060
Analyst: Madumadu, Dave

Date Open: Feb 17 2009 4:38PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00010
ICV~220-24587/1		9060		44 mL	44 mL		0.22 mL
ICB~220-24587/2		9060		44 mL	44 mL		
CCV~220-24587/3		9060		44 mL	44 mL		0.22 mL
CCB~220-24587/4		9060		44 mL	44 mL		
LCS~220-24587/5~^4		9060		44 mL	44 mL	11 mL	
MB~220-24587/6		9060		44 mL	44 mL		
220-8033-E-1	OW-3	9060	T	44 mL	44 mL		
220-8033-E-2	OW-5	9060	T	44 mL	44 mL		
220-8033-F-2~DU		9060	T	44 mL	44 mL		
220-8033-B-2~MS		9060	T	44 mL	44 mL		0.44 mL
220-8033-E-3	OW-6	9060	T	44 mL	44 mL		
220-8033-E-4	OW-7	9060	T	44 mL	44 mL		
220-8033-E-5	MW-26I	9060	T	44 mL	44 mL		
220-8033-E-6	MW-30I	9060	T	44 mL	44 mL		
CCV~220-24587/15		9060		44 mL	44 mL		0.22 mL
CCB~220-24587/16		9060		44 mL	44 mL		
220-8033-E-7	MW-31I	9060	T	44 mL	44 mL		
220-8033-E-8	MW-33I	9060	T	44 mL	44 mL		
220-8033-E-9	MW-34I	9060	T	44 mL	44 mL		
220-8033-E-10	MW-35I	9060	T	44 mL	44 mL		
CCV~220-24587/21		9060		44 mL	44 mL		0.22 mL
CCB~220-24587/22		9060		44 mL	44 mL		

MISCELLANEOUS DOCUMENTS

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

8033

TAL-0015 (0508)

Client: Roux Associates	Project Manager: Christopher Proce	Date: 2/11/09	Chain of Custody Number: 014499
Address: 209 Shafter Street	Telephone Number (Area Code)/Fax Number/e-mail address: (631) 232-2600	Field Telephone Number: (631) 484-3182	Page 1 of 2
City: Islandia / State: NY / Zip Code: 11749	Site Contact: Jeff Wills	Lab Contact: Jill Dubancik	
Project Name and Location (State): MBA - Manorhaven / NY	Sample Disposal: ☒ Disposal By Lab ☐ Return To Client ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)		
Contract/Purchase Order/Project No.: 0771.0001Y000			

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Solid	Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis: Fe, Il List VOC (8260B)	TOC	Alkalinity Lab Filter Fe+Mn	Total Fe + Mn	Comments
(1) OW-3	2-11-09	0910	X			1	2	1	2				X	X	X	X	High pH.
(2) OW-5		0910	X			1	2	1	2				X	X	X	X	
(3) OW-6		1005	X			1	2	1	2				X	X	X	X	
(4) OW-7		1003	X			1	2	1	2				X	X	X	X	
(5) MW-26I		1140	X			1	2	1	2				X	X	X	X	
(6) MW-30I		1230	X			1	2	1	2				X	X	X	X	
(7) MW-31I ★		1235	X			1	2	1	2				X	X	X	X	★ 1-H2SO4 vial Reed. broken. KB 2/12/09
(8) MW-33I		1145	X			1	2	1	2				X	X	X	X	
(9) MW-34I		1050	X			1	2	1	2				X	X	X	X	
(10) MW-35I		1050	X			1	2	1	2				X	X	X	X	

Page 861 of 866

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other STANDARD

State Regulatory QC Requirements

1. Relinquished By	Date: 2/11/09	Time: 1400	1. Received By: K Blackburn	Date: 2/12/09	Time: 955
2. Relinquished By	Date:	Time:	2. Received By:	Date:	Time:
3. Received By	Date:	Time:	Cooler Temps: 3.6 °C	Passed Rad. Screen (Lab Use Only): ☑ Yes ☐ No	

Comments

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

02/26/2009

Chain of Custody Record

Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Tel: 203-929-8140
Fax: 203-929-8142

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

8033

TAL-0015 (0508)

R-1K TOC 1

Client	Project Manager	Date	Chain of Custody Number
Roux Associates	Christopher Proce	2/11/09	013800
Address	**Telephone Number (Area Code)/Fax Number/e-mail address**	**Field Telephone Number**	**Page 2 of 2**
209 Shafter Street	(631) 232-2600	631-484-3182	
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Islandia / NY / 11749	Jeff Wills	Jill Duhancik	
Project Name and Location (State)	**Sample Disposal** ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)		
MSA - Manorhaven			
Contract/Purchase Order/Project No.			
0771.0001/0000			

Field Sample I.D. (Containers for each sample may be combined on one line)	Collection Date	Collection Time	Matrix: Aqueous	Matrix: Solid	Matrix: Other	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Other	Analysis: FJ List VOC (8260B)	Analysis: TOC	Analysis: Al, Fe, Mn, Ca, Mg, Na, K, Fe, Alk.	Analysis: Total Fe + Alk.	Comments
(11) DUP-021109	2/11/09	1000	X						2				X				
(12) FB-021109	↓	0900	X						1				X				

Page 862 of 866

Turn Around Time Required (business days) Report / EDD Requirements
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other STANDARD

State Regulatory QC Requirements

	Date	Time
1. Relinquished By: Jeff Wills	2/11/09	1400
2. Relinquished By:		
3. Received By:		

	Date	Time
1. Received By: K Blackburn	2/12/09	955
2. Received By:		
Cooler Temps: 3.6 °C		

Passed Rad. Screen (Lab Use Only) ☑ Yes ☐ No

Comments

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

02/26/2009

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number:

Client:

Client Project:

Lab Number	Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Initials	Date
8033 - 01	HNO3	6	added 2mls HNO3	5	whno3 00002 1:1	ICB	2/12/09
02		<2	N/A	N/A	N/A		
03		<2					
04		<2					
05		<2					
06		<2					
07		<2					
08		<2					
09		<2					
10		<2					

8/12/09

TestAmerica - Connecticut
Internal Chain-of-Custody

220-8033
Roux-MBA-Thypin/manorhaven

Trip Blank:

QC: Air:

FB: 12

Soil: Water: 1-12

Date Received: 2/12/09

Sample #s: 1-12

Locations: 89D, TOC1, R-1X

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
1/10	LB	JM	2/13/9	8:35	ALK	JM	LB	2/13/9	12:45
1-6	LB	JV	2/17	1255	MTR	JV	LB	2/17	1425
1/10	LB	JM	2/17	1700	TOC	USEA			
1-10	LB	JV	2/18	1100	1 TR	JV	LB	2/18	1250
1-4	LB	JM	2/18	16:20	VOA	em			
1-9	LB	BLM	2/20	16:00	VOA	em			
5-11	LB	JM	2/23	12:30	VOA	em			
4									

TestAmerica Form# SMF00508.CT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA CONNECTICUT - CHAIN OF CUSTODY
ATOMIC SPECTROSCOPY DEPARTMENT

Job Number: 8033 **Sample Numbers:** 1-6, 7-10

Prep Batch Number: 24396, 24419, 24468

(WATER) SOIL - SLUDGE - TCLP/SPLP

I confirm that I have performed the preparation below following SOP guidelines and authorize the transfer of these digestates to the metals instrument lab.:

Sample Prep:

[signature]	2/17/09	**ICP**
Analysts	Date(s)	
		Mercury
Analysts	Date(s)	

I confirm that I have performed the analysis below following SOP guidelines:

Analysis:

[signature]	2/24/09	**ICP**
Analysts	Date(s)	
		Mercury
Chemist	Date(s)	

I have reviewed and authorized the release of the job:

Complete: [signature] 2/24/09

Supervisor Date

QAF02602.CT

Login Sample Receipt Check List

Client: Roux Associates, Inc.

Job Number: 220-8033-1
SDG Number: 220-8033

Login Number: 8033
List Source: TestAmerica Connecticut
Creator: Blocker, Kristina
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-8385-1

SDG Number: 220-8385

Job Description: 0771.0001Y000 MBA-Thypin/Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Chris Proce

Approved for release.
Cheryl Cascella
3/27/2009 3:01 PM

Designee for
Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
03/27/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

Comments
No additional comments.

Receipt
The following sample was received with insufficient Nitric Acid preservation for Total Metals analysis: OW-3 (220-8385-13). The laboratory attempted to adjust the pH prior to analysis by adding 2mLs of Nitric Acid to the sample. The pH remained at 6.

The following sample was received at the laboratory with no sample collection time documented on the chain of custody: TB-031109 (220-8385-12). As a result, a sample collection time of 12:00 a.m. on the date of collection has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Case Narrative for Job: 220-8385

Client: Roux
Date: March 27, 2009

I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Lawrence Decker
Laboratory Director

March 27, 2009
Date

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-8385-1	MW-34 I	Water	03/11/2009 0925	03/13/2009 0950
220-8385-2	MW-34 S	Water	03/11/2009 1010	03/13/2009 0950
220-8385-3	OW-7	Water	03/11/2009 1115	03/13/2009 0950
220-8385-4	DUP-031109	Water	03/11/2009 1120	03/13/2009 0950
220-8385-5	MW-26 S	Water	03/11/2009 1220	03/13/2009 0950
220-8385-6	MW-26 I	Water	03/11/2009 1305	03/13/2009 0950
220-8385-7	OW-5	Water	03/11/2009 0947	03/13/2009 0950
220-8385-8	OW-6	Water	03/11/2009 1100	03/13/2009 0950
220-8385-9	MW-35 S	Water	03/11/2009 1155	03/13/2009 0950
220-8385-10	MW-35 I	Water	03/11/2009 1254	03/13/2009 0950
220-8385-11	OW-4	Water	03/11/2009 1348	03/13/2009 0950
220-8385-12TB	TB-031109	Water	03/11/2009 0000	03/13/2009 0950
220-8385-13	OW-3	Water	03/12/2009 0825	03/13/2009 0950
220-8385-14	MW-30 I	Water	03/12/2009 0925	03/13/2009 0950
220-8385-15	MW-30 S	Water	03/12/2009 0840	03/13/2009 0950
220-8385-16	MW-24	Water	03/12/2009 0915	03/13/2009 0950
220-8385-17	MW-33 S	Water	03/12/2009 1025	03/13/2009 0950
220-8385-18	MW-33 I	Water	03/12/2009 1100	03/13/2009 0950
220-8385-19	MW-31S	Water	03/12/2009 1115	03/13/2009 0950
220-8385-20	MW-31 I	Water	03/12/2009 1020	03/13/2009 0950

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8385-1	**MW-34 I**					
Acetone		2.3	J B	10	ug/L	8260B
1,1-Dichloroethane		5.2		5.0	ug/L	8260B
1,1-Dichloroethene		58		5.0	ug/L	8260B
Tetrachloroethene		1.3	J	5.0	ug/L	8260B
1,1,2-Trichloroethane		1.9	J	5.0	ug/L	8260B
Trichloroethene		7200		500	ug/L	8260B
Vinyl chloride		36		5.0	ug/L	8260B
cis-1,2-Dichloroethene		230	J	500	ug/L	8260B
trans-1,2-Dichloroethene		6.7		5.0	ug/L	8260B
Iron		5500		120	ug/L	6010B
Manganese		9500		7.5	ug/L	6010B
Alkalinity		254		2.0	mg/L	SM 2320B
Dissolved						
Manganese		9200		7.5	ug/L	6010B
220-8385-2	**MW-34 S**					
Acetone		1.2	J B	10	ug/L	8260B
Iron		420		120	ug/L	6010B
Manganese		8.9		7.5	ug/L	6010B
Alkalinity		156		2.0	mg/L	SM 2320B
Dissolved						
Manganese		23		7.5	ug/L	6010B
220-8385-3	**OW-7**					
Acetone		1.0	J B	10	ug/L	8260B
Trichloroethene		39		5.0	ug/L	8260B
cis-1,2-Dichloroethene		33		5.0	ug/L	8260B
Iron		5400		120	ug/L	6010B
Manganese		130		7.5	ug/L	6010B
Total Organic Carbon - Quad		0.67	J	1.0	mg/L	9060
Alkalinity		131		2.0	mg/L	SM 2320B
Dissolved						
Manganese		1.5	J	7.5	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8385-4	**DUP-031109**					
Trichloroethene		45		5.0	ug/L	8260B
cis-1,2-Dichloroethene		39		5.0	ug/L	8260B
Iron		4800		120	ug/L	6010B
Manganese		130		7.5	ug/L	6010B
Total Organic Carbon - Quad		0.66	J	1.0	mg/L	9060
Alkalinity		132		2.0	mg/L	SM 2320B
220-8385-5	**MW-26 S**					
Acetone		1.2	J B	10	ug/L	8260B
Tetrachloroethene		1.1	J	5.0	ug/L	8260B
Trichloroethene		0.86	J	5.0	ug/L	8260B
Iron		99	J	120	ug/L	6010B
Manganese		110		7.5	ug/L	6010B
Total Organic Carbon - Quad		0.29	J	1.0	mg/L	9060
Alkalinity		295		2.0	mg/L	SM 2320B
Dissolved						
Manganese		1.5	J	7.5	ug/L	6010B
220-8385-6	**MW-26 I**					
1,1-Dichloroethene		1.4	J	5.0	ug/L	8260B
Tetrachloroethene		0.91	J	5.0	ug/L	8260B
Trichloroethene		440		50	ug/L	8260B
cis-1,2-Dichloroethene		97		5.0	ug/L	8260B
trans-1,2-Dichloroethene		0.81	J	5.0	ug/L	8260B
Iron		4300		120	ug/L	6010B
Manganese		260		7.5	ug/L	6010B
Total Organic Carbon - Quad		1.9		1.0	mg/L	9060
Alkalinity		101		2.0	mg/L	SM 2320B
Dissolved						
Manganese		240		7.5	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8385-7	**OW-5**					
1,1-Dichloroethane		1.4	J	5.0	ug/L	8260B
1,1-Dichloroethene		37		5.0	ug/L	8260B
Tetrachloroethene		1.9	J	5.0	ug/L	8260B
Trichloroethene		2400		250	ug/L	8260B
Vinyl chloride		31		5.0	ug/L	8260B
cis-1,2-Dichloroethene		100		5.0	ug/L	8260B
trans-1,2-Dichloroethene		3.3	J	5.0	ug/L	8260B
Iron		340		120	ug/L	6010B
Manganese		1000		7.5	ug/L	6010B
Total Organic Carbon - Quad		3.7		1.0	mg/L	9060
Alkalinity		277		2.0	mg/L	SM 2320B
Dissolved						
Manganese		250		7.5	ug/L	6010B
220-8385-8	**OW-6**					
1,1-Dichloroethene		5.8		5.0	ug/L	8260B
Tetrachloroethene		0.96	J	5.0	ug/L	8260B
Trichloroethene		1000		100	ug/L	8260B
Vinyl chloride		2.0	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		37		5.0	ug/L	8260B
trans-1,2-Dichloroethene		0.78	J	5.0	ug/L	8260B
Iron		180		120	ug/L	6010B
Manganese		600		7.5	ug/L	6010B
Total Organic Carbon - Quad		4.0		1.0	mg/L	9060
Alkalinity		478		2.0	mg/L	SM 2320B
Dissolved						
Manganese		520		7.5	ug/L	6010B
220-8385-9	**MW-35 S**					
Trichloroethene		85		5.0	ug/L	8260B
cis-1,2-Dichloroethene		6.7		5.0	ug/L	8260B
Iron		2700		120	ug/L	6010B
Manganese		61		7.5	ug/L	6010B
Total Organic Carbon - Quad		1.7		1.0	mg/L	9060
Alkalinity		330		2.0	mg/L	SM 2320B
Dissolved						
Iron		93	J	120	ug/L	6010B
Manganese		15		7.5	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8385-10	**MW-35 I**					
1,1-Dichloroethane		1.7	J	5.0	ug/L	8260B
1,1-Dichloroethene		3.5	J	5.0	ug/L	8260B
Tetrachloroethene		1.5	J	5.0	ug/L	8260B
1,1,2-Trichloroethane		1.1	J	5.0	ug/L	8260B
Trichloroethene		3700		250	ug/L	8260B
Vinyl chloride		1.8	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		12		5.0	ug/L	8260B
Iron		2400		120	ug/L	6010B
Manganese		3200		7.5	ug/L	6010B
Alkalinity		122		2.0	mg/L	SM 2320B
Dissolved						
Iron		280		120	ug/L	6010B
Manganese		2800		7.5	ug/L	6010B
220-8385-11	**OW-4**					
1,1-Dichloroethene		25		5.0	ug/L	8260B
Tetrachloroethene		1.1	J	5.0	ug/L	8260B
1,1,2-Trichloroethane		1.4	J	5.0	ug/L	8260B
Trichloroethene		7900		500	ug/L	8260B
Vinyl chloride		18		5.0	ug/L	8260B
cis-1,2-Dichloroethene		280	J	500	ug/L	8260B
trans-1,2-Dichloroethene		10		5.0	ug/L	8260B
Iron		41000		120	ug/L	6010B
Manganese		9300		7.5	ug/L	6010B
Total Organic Carbon - Quad		1.8		1.0	mg/L	9060
Alkalinity		274		2.0	mg/L	SM 2320B
Dissolved						
Manganese		9100		7.5	ug/L	6010B
220-8385-12TB	**TB-031109**					
Chloromethane		1.7	J B	5.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8385-13	**OW-3**					
Acetone		9.2	J	10	ug/L	8260B
Trichloroethene		28		5.0	ug/L	8260B
Iron		10800		1200	ug/L	6010B
Manganese		430		75	ug/L	6010B
Total Organic Carbon - Quad		8.4		1.0	mg/L	9060
Alkalinity		3300		2.0	mg/L	SM 2320B
Dissolved						
Iron		1500		1200	ug/L	6010B
Manganese		140		75	ug/L	6010B
220-8385-14	**MW-30 I**					
Trichloroethene		16		5.0	ug/L	8260B
Iron		190		120	ug/L	6010B
Manganese		76		7.5	ug/L	6010B
Total Organic Carbon - Quad		1.2		1.0	mg/L	9060
Alkalinity		71.6		2.0	mg/L	SM 2320B
Dissolved						
Manganese		5.5	J	7.5	ug/L	6010B
220-8385-15	**MW-30 S**					
Trichloroethene		4.5	J	5.0	ug/L	8260B
Iron		390		120	ug/L	6010B
Manganese		8.5		7.5	ug/L	6010B
Total Organic Carbon - Quad		2.5		1.0	mg/L	9060
Alkalinity		200		2.0	mg/L	SM 2320B
Dissolved						
Manganese		4.9	J	7.5	ug/L	6010B
220-8385-16	**MW-24**					
Trichloroethene		4.0	J	5.0	ug/L	8260B
Total Organic Carbon - Quad		5.3		1.0	mg/L	9060
Alkalinity		95.3		2.0	mg/L	SM 2320B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8385-17	**MW-33 S**					
Trichloroethene		8.7		5.0	ug/L	8260B
cis-1,2-Dichloroethene		1.0	J	5.0	ug/L	8260B
Iron		49	J	120	ug/L	6010B
Manganese		110		7.5	ug/L	6010B
Total Organic Carbon - Quad		2.3		1.0	mg/L	9060
Alkalinity		337		2.0	mg/L	SM 2320B
Dissolved						
Manganese		4.6	J	7.5	ug/L	6010B
220-8385-18	**MW-33 I**					
Trichloroethene		0.79	J	5.0	ug/L	8260B
Iron		7000		120	ug/L	6010B
Manganese		2900		7.5	ug/L	6010B
Alkalinity		114		2.0	mg/L	SM 2320B
Dissolved						
Iron		340		120	ug/L	6010B
Manganese		2800		7.5	ug/L	6010B
220-8385-19	**MW-31S**					
1,1-Dichloroethane		7.8		5.0	ug/L	8260B
1,1-Dichloroethene		1.8	J	5.0	ug/L	8260B
Tetrachloroethene		48		5.0	ug/L	8260B
1,1,1-Trichloroethane		25		5.0	ug/L	8260B
Trichloroethene		81		5.0	ug/L	8260B
cis-1,2-Dichloroethene		34		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.2	J	5.0	ug/L	8260B
Iron		970		120	ug/L	6010B
Manganese		3100		7.5	ug/L	6010B
Total Organic Carbon - Quad		1.8		1.0	mg/L	9060
Alkalinity		313		2.0	mg/L	SM 2320B
Dissolved						
Manganese		2300		7.5	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-8385-20	**MW-31 I**					
Trichloroethene		0.89	J	5.0	ug/L	8260B
Iron		9100		120	ug/L	6010B
Manganese		180		7.5	ug/L	6010B
Alkalinity		139		2.0	mg/L	SM 2320B
Dissolved						
Iron		1000		120	ug/L	6010B
Manganese		140		7.5	ug/L	6010B

METHOD SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Metals (ICP)	TAL CT	SW846 6010B	
Sample Filtration	TAL CT		FILTRATION
Preparation, Total Metals	TAL CT		SW846 3010A
Organic Carbon, Total (TOC)	TAL CT	SW846 9060	
Alkalinity	TAL CT	SM SM 2320B	

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK
SW846 6010B	Petronchak, Nestor	NP
SW846 9060	Madumadu, Dave	DM
SM SM 2320B	Mendoza, Julia	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-34 I**

Lab Sample ID: 220-8385-1
Client Matrix: Water

Date Sampled: 03/11/2009 0925
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/23/2009 1843
Date Prepared: 03/23/2009 1843

Analysis Batch: 220-25453

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3969.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	J B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.2		1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	58		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.3	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	1.9	J	0.65	5.0
Vinyl chloride	36		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
trans-1,2-Dichloroethene	6.7		0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	112	54 - 137
Toluene-d8 (Surr)	107	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-34 I**

Lab Sample ID: 220-8385-1
Client Matrix: Water

Date Sampled: 03/11/2009 0925
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 03/24/2009 1345
Date Prepared: 03/24/2009 1345

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3994.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	7200		62	500
cis-1,2-Dichloroethene	230	J	99	500

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	109	54 - 137
Toluene-d8 (Surr)	107	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-34 S**

Lab Sample ID: 220-8385-2
Client Matrix: Water

Date Sampled: 03/11/2009 1010
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 1158
Date Prepared: 03/24/2009 1158

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3990.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.2	J B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U *	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	53 - 125
4-Bromofluorobenzene	89	73 - 127
Dibromofluoromethane	106	54 - 137
Toluene-d8 (Surr)	106	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-7

Lab Sample ID: 220-8385-3
Client Matrix: Water

Date Sampled: 03/11/2009 1115
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/23/2009 1937
Date Prepared: 03/23/2009 1937

Analysis Batch: 220-25453

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3971.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.0	J B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	39		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	33		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	53 - 125
4-Bromofluorobenzene	77	73 - 127
Dibromofluoromethane	90	54 - 137
Toluene-d8 (Surr)	90	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **DUP-031109**

Lab Sample ID: 220-8385-4
Client Matrix: Water

Date Sampled: 03/11/2009 1120
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/23/2009 2003
Date Prepared: 03/23/2009 2003

Analysis Batch: 220-25453

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3972.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	45		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	39		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	105	54 - 137
Toluene-d8 (Surr)	104	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-26 S**

Lab Sample ID: 220-8385-5
Client Matrix: Water

Date Sampled: 03/11/2009 1220
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/23/2009 2030
Date Prepared: 03/23/2009 2030

Analysis Batch: 220-25453

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3973.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.2	J B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.1	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	0.86	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	53 - 125
4-Bromofluorobenzene	88	73 - 127
Dibromofluoromethane	107	54 - 137
Toluene-d8 (Surr)	104	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-26 I**

Lab Sample ID: 220-8385-6
Client Matrix: Water

Date Sampled: 03/11/2009 1305
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0045
Date Prepared: 03/24/2009 0045

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3592.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.4	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	0.91	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	97		0.99	5.0
trans-1,2-Dichloroethene	0.81	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75	53 - 125
4-Bromofluorobenzene	83	73 - 127
Dibromofluoromethane	82	54 - 137
Toluene-d8 (Surr)	84	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-26 I

Lab Sample ID: 220-8385-6
Client Matrix: Water

Date Sampled: 03/11/2009 1305
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 03/24/2009 1625
Date Prepared: 03/24/2009 1625

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W4000.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	440		6.2	50

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	109	54 - 137
Toluene-d8 (Surr)	105	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-5

Lab Sample ID: 220-8385-7
Client Matrix: Water

Date Sampled: 03/11/2009 0947
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0111
Date Prepared: 03/24/2009 0111

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3593.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	1.4	J	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	37		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.9	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	31		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	100		0.99	5.0
trans-1,2-Dichloroethene	3.3	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78	53 - 125
4-Bromofluorobenzene	79	73 - 127
Dibromofluoromethane	82	54 - 137
Toluene-d8 (Surr)	89	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-5

Lab Sample ID: 220-8385-7
Client Matrix: Water

Date Sampled: 03/11/2009 0947
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 03/24/2009 1438
Date Prepared: 03/24/2009 1438

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3996.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	2400		31	250

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	53 - 125
4-Bromofluorobenzene	77	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	92	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-6

Lab Sample ID: 220-8385-8
Client Matrix: Water

Date Sampled: 03/11/2009 1100
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0137
Date Prepared: 03/24/2009 0137

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3594.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.8		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	0.96	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	2.0	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	37		0.99	5.0
trans-1,2-Dichloroethene	0.78	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76	53 - 125
4-Bromofluorobenzene	74	73 - 127
Dibromofluoromethane	75	54 - 137
Toluene-d8 (Surr)	81	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-6

Lab Sample ID: 220-8385-8
Client Matrix: Water

Date Sampled: 03/11/2009 1100
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 03/24/2009 1651
Date Prepared: 03/24/2009 1651

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W4001.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1000		12	100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	53 - 125
4-Bromofluorobenzene	86	73 - 127
Dibromofluoromethane	110	54 - 137
Toluene-d8 (Surr)	105	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-35 S**

Lab Sample ID: 220-8385-9
Client Matrix: Water

Date Sampled: 03/11/2009 1155
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 1225
Date Prepared: 03/24/2009 1225

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3991.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U *	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	85		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	6.7		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	88	73 - 127
Dibromofluoromethane	110	54 - 137
Toluene-d8 (Surr)	104	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-35 I**

Lab Sample ID: 220-8385-10
Client Matrix: Water

Date Sampled: 03/11/2009 1254
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0229
Date Prepared: 03/24/2009 0229

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3596.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	1.7	J	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	3.5	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	1.1	J	0.65	5.0
Vinyl chloride	1.8	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	12		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	53 - 125
4-Bromofluorobenzene	81	73 - 127
Dibromofluoromethane	80	54 - 137
Toluene-d8 (Surr)	88	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-35 I**

Lab Sample ID: 220-8385-10
Client Matrix: Water

Date Sampled: 03/11/2009 1254
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 03/24/2009 1532
Date Prepared: 03/24/2009 1532

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3998.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	3700		31	250

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	110	54 - 137
Toluene-d8 (Surr)	103	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-4

Lab Sample ID: 220-8385-11
Client Matrix: Water

Date Sampled: 03/11/2009 1348
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0255
Date Prepared: 03/24/2009 0255

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3597.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	25		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.1	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	1.4	J	0.65	5.0
Vinyl chloride	18		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
trans-1,2-Dichloroethene	10		0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	53 - 125
4-Bromofluorobenzene	81	73 - 127
Dibromofluoromethane	90	54 - 137
Toluene-d8 (Surr)	93	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-4

Lab Sample ID: 220-8385-11
Client Matrix: Water

Date Sampled: 03/11/2009 1348
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 03/24/2009 1558
Date Prepared: 03/24/2009 1558

Analysis Batch: 220-25483

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3999.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	7900		62	500
cis-1,2-Dichloroethene	280	J	99	500

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	110	54 - 137
Toluene-d8 (Surr)	104	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **TB-031109**

Lab Sample ID: 220-8385-12TB
Client Matrix: Water

Date Sampled: 03/11/2009 0000
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/25/2009 1425
Date Prepared: 03/25/2009 1425

Analysis Batch: 220-25517

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2789.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U *	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	1.7	J B	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	53 - 125
4-Bromofluorobenzene	76	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	89	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-3

Lab Sample ID: 220-8385-13
Client Matrix: Water

Date Sampled: 03/12/2009 0825
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0651
Date Prepared: 03/24/2009 0651

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3606.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.2	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	28		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	53 - 125
4-Bromofluorobenzene	84	73 - 127
Dibromofluoromethane	82	54 - 137
Toluene-d8 (Surr)	90	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-30 I**

Lab Sample ID: 220-8385-14
Client Matrix: Water

Date Sampled: 03/12/2009 0925
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0348
Date Prepared: 03/24/2009 0348

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3599.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	16		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	53 - 125
4-Bromofluorobenzene	84	73 - 127
Dibromofluoromethane	84	54 - 137
Toluene-d8 (Surr)	86	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-30 S**

Lab Sample ID: 220-8385-15
Client Matrix: Water

Date Sampled: 03/12/2009 0840
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0414
Date Prepared: 03/24/2009 0414

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3600.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	4.5	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78	53 - 125
4-Bromofluorobenzene	81	73 - 127
Dibromofluoromethane	81	54 - 137
Toluene-d8 (Surr)	91	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-24**

Lab Sample ID: 220-8385-16
Client Matrix: Water

Date Sampled: 03/12/2009 0915
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0440
Date Prepared: 03/24/2009 0440

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3601.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	4.0	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	53 - 125
4-Bromofluorobenzene	83	73 - 127
Dibromofluoromethane	85	54 - 137
Toluene-d8 (Surr)	91	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-33 S**

Lab Sample ID: 220-8385-17
Client Matrix: Water

Date Sampled: 03/12/2009 1025
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0506
Date Prepared: 03/24/2009 0506

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3602.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	8.7		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	1.0	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	53 - 125
4-Bromofluorobenzene	80	73 - 127
Dibromofluoromethane	83	54 - 137
Toluene-d8 (Surr)	90	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-33 I**

Lab Sample ID: 220-8385-18
Client Matrix: Water

Date Sampled: 03/12/2009 1100
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0532
Date Prepared: 03/24/2009 0532

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3603.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	0.79	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	53 - 125
4-Bromofluorobenzene	83	73 - 127
Dibromofluoromethane	84	54 - 137
Toluene-d8 (Surr)	91	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-31S

Lab Sample ID: 220-8385-19
Client Matrix: Water

Date Sampled: 03/12/2009 1115
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0558
Date Prepared: 03/24/2009 0558

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3604.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	7.8		1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	1.8	J	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	48		0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	25		0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	81		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	34		0.99	5.0
trans-1,2-Dichloroethene	1.2	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78	53 - 125
4-Bromofluorobenzene	83	73 - 127
Dibromofluoromethane	80	54 - 137
Toluene-d8 (Surr)	82	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: **MW-31 I**

Lab Sample ID: 220-8385-20
Client Matrix: Water

Date Sampled: 03/12/2009 1020
Date Received: 03/13/2009 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/24/2009 0625
Date Prepared: 03/24/2009 0625

Analysis Batch: 220-25476

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3605.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	0.89	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	53 - 125
4-Bromofluorobenzene	84	73 - 127
Dibromofluoromethane	81	54 - 137
Toluene-d8 (Surr)	85	63 - 121

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-34 I

Lab Sample ID: 220-8385-1
Client Matrix: Water

Date Sampled: 03/11/2009 0925
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/20/2009 1431
Date Prepared: 03/16/2009 1347

Analysis Batch: 220-25397
Prep Batch: 220-25211

Instrument ID: TJA Trace ICAP
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	5500		31	120
Manganese	9500		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/20/2009 1136
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25397
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	9200		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-34 S

Lab Sample ID: 220-8385-2
Client Matrix: Water

Date Sampled: 03/11/2009 1010
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/20/2009 1452
Date Prepared: 03/16/2009 1347

Analysis Batch: 220-25397
Prep Batch: 220-25211

Instrument ID: TJA Trace ICAP
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	420		31	120
Manganese	8.9		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1050
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	23		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-7

Lab Sample ID: 220-8385-3
Client Matrix: Water

Date Sampled: 03/11/2009 1115
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/20/2009 1458
Date Prepared: 03/16/2009 1347

Analysis Batch: 220-25397
Prep Batch: 220-25211

Instrument ID: TJA Trace ICAP
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	5400		31	120
Manganese	130		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1056
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	1.5	J	1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: DUP-031109

Lab Sample ID: 220-8385-4
Client Matrix: Water

Date Sampled: 03/11/2009 1120
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/20/2009 1503
Date Prepared: 03/16/2009 1347

Analysis Batch: 220-25397
Prep Batch: 220-25211

Instrument ID: TJA Trace ICAP
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	4800		31	120
Manganese	130		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1102
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	7.5	U	1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-26 S

Lab Sample ID: 220-8385-5
Client Matrix: Water

Date Sampled: 03/11/2009 1220
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1503
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	99	J	31	120
Manganese	110		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1107
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	1.5	J	1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-26 I

Lab Sample ID: 220-8385-6
Client Matrix: Water

Date Sampled: 03/11/2009 1305
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1509
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	4300		31	120
Manganese	260		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1113
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	240		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-5

Lab Sample ID: 220-8385-7
Client Matrix: Water

Date Sampled: 03/11/2009 0947
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1514
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	340		31	120
Manganese	1000		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1119
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	250		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-6

Lab Sample ID: 220-8385-8
Client Matrix: Water

Date Sampled: 03/11/2009 1100
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1520
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	180		31	120
Manganese	600		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1125
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	520		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-35 S

Lab Sample ID: 220-8385-9
Client Matrix: Water

Date Sampled: 03/11/2009 1155
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1537
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	2700		31	120
Manganese	61		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1130
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	93	J	31	120
Manganese	15		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-35 I

Lab Sample ID: 220-8385-10
Client Matrix: Water

Date Sampled: 03/11/2009 1254
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1543
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	2400		31	120
Manganese	3200		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1136
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	280		31	120
Manganese	2800		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-4

Lab Sample ID: 220-8385-11
Client Matrix: Water

Date Sampled: 03/11/2009 1348
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1551
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	41000		31	120
Manganese	9300		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1142
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	9100		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: OW-3

Lab Sample ID: 220-8385-13
Client Matrix: Water

Date Sampled: 03/12/2009 0825
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1556
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	10800		310	1200
Manganese	430		12	75

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1159
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 10 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1500		310	1200
Manganese	140		12	75

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-30 I

Lab Sample ID: 220-8385-14
Client Matrix: Water

Date Sampled: 03/12/2009 0925
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1602
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	190		31	120
Manganese	76		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1205
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	5.5	J	1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-30 S

Lab Sample ID: 220-8385-15
Client Matrix: Water

Date Sampled: 03/12/2009 0840
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/18/2009 1158
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25307
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W031809
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	390		31	120
Manganese	8.5		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1210
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	4.9	J	1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-24

Lab Sample ID: 220-8385-16
Client Matrix: Water

Date Sampled: 03/12/2009 0915
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1608
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	7.5	U	1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1218
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	7.5	U	1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-33 S

Lab Sample ID: 220-8385-17
Client Matrix: Water

Date Sampled: 03/12/2009 1025
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1622
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	49	J	31	120
Manganese	110		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1224
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	4.6	J	1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-33 I

Lab Sample ID: 220-8385-18
Client Matrix: Water

Date Sampled: 03/12/2009 1100
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1627
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	7000		31	120
Manganese	2900		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1229
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	340		31	120
Manganese	2800		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-31S

Lab Sample ID: 220-8385-19
Client Matrix: Water

Date Sampled: 03/12/2009 1115
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1633
Date Prepared: 03/17/2009 1243

Analysis Batch: 220-25450
Prep Batch: 220-25260

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	970		31	120
Manganese	3100		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1235
Date Prepared: 03/19/2009 1327

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	31	120
Manganese	2300		1.2	7.5

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Client Sample ID: MW-31 I

Lab Sample ID: 220-8385-20
Client Matrix: Water

Date Sampled: 03/12/2009 1020
Date Received: 03/13/2009 0950

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/24/2009 1130
Date Prepared: 03/19/2009 1430

Analysis Batch: 220-25488
Prep Batch: 220-25354

Instrument ID: TJA Trace ICAP
Lab File ID: W032409
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	9100		31	120
Manganese	180		1.2	7.5

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/23/2009 1241
Date Prepared: 03/19/2009 1327

Analysis Batch: 220-25450
Prep Batch: 220-25351

Instrument ID: TJA Trace ICAP
Lab File ID: W032309
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	1000		31	120
Manganese	140		1.2	7.5

General Chemistry

Client Sample ID: MW-34 I

Lab Sample ID: 220-8385-1
Client Matrix: Water

Date Sampled: 03/11/2009 0925
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	254		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1614				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/23/2009 1952				

Client Sample ID: MW-34 S

Lab Sample ID: 220-8385-2
Client Matrix: Water

Date Sampled: 03/11/2009 1010
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	156		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1629				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/23/2009 2018				

Client Sample ID: OW-7

Lab Sample ID: 220-8385-3
Client Matrix: Water

Date Sampled: 03/11/2009 1115
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	131		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1636				
Total Organic Carbon - Quad	0.67	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/23/2009 2046				

General Chemistry

Client Sample ID: DUP-031109

Lab Sample ID: 220-8385-4
Client Matrix: Water

Date Sampled: 03/11/2009 1120
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	132		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed 03/17/2009 1643						
Total Organic Carbon - Quad	0.66	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed 03/23/2009 2122						

Client Sample ID: MW-26 S

Lab Sample ID: 220-8385-5
Client Matrix: Water

Date Sampled: 03/11/2009 1220
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	295		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed 03/17/2009 1650						
Total Organic Carbon - Quad	0.29	J	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed 03/23/2009 2205						

Client Sample ID: MW-26 I

Lab Sample ID: 220-8385-6
Client Matrix: Water

Date Sampled: 03/11/2009 1305
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	101		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed 03/17/2009 1657						
Total Organic Carbon - Quad	1.9		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed 03/23/2009 2236						

Client Sample ID: OW-5

Lab Sample ID: 220-8385-7
Client Matrix: Water

Date Sampled: 03/11/2009 0947
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	277		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed 03/17/2009 1717						
Total Organic Carbon - Quad	3.7		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed 03/23/2009 2318						

General Chemistry

Client Sample ID: OW-6

Lab Sample ID: 220-8385-8
Client Matrix: Water

Date Sampled: 03/11/2009 1100
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	478		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1726				
Total Organic Carbon - Quad	4.0		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0000				

Client Sample ID: MW-35 S

Lab Sample ID: 220-8385-9
Client Matrix: Water

Date Sampled: 03/11/2009 1155
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	330		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1734				
Total Organic Carbon - Quad	1.7		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0235				

Client Sample ID: MW-35 I

Lab Sample ID: 220-8385-10
Client Matrix: Water

Date Sampled: 03/11/2009 1254
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	122		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1741				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0407				

Client Sample ID: OW-4

Lab Sample ID: 220-8385-11
Client Matrix: Water

Date Sampled: 03/11/2009 1348
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	274		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1748				
Total Organic Carbon - Quad	1.8		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0438				

General Chemistry

Client Sample ID: OW-3

Lab Sample ID: 220-8385-13
Client Matrix: Water

Date Sampled: 03/12/2009 0825
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	3300		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1815				
Total Organic Carbon - Quad	8.4		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0524				

Client Sample ID: MW-30 I

Lab Sample ID: 220-8385-14
Client Matrix: Water

Date Sampled: 03/12/2009 0925
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	71.6		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1822				
Total Organic Carbon - Quad	1.2		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0608				

Client Sample ID: MW-30 S

Lab Sample ID: 220-8385-15
Client Matrix: Water

Date Sampled: 03/12/2009 0840
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	200		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1829				
Total Organic Carbon - Quad	2.5		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0646				

Client Sample ID: MW-24

Lab Sample ID: 220-8385-16
Client Matrix: Water

Date Sampled: 03/12/2009 0915
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	95.3		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1847				
Total Organic Carbon - Quad	5.3		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0729				

General Chemistry

Client Sample ID: MW-33 S

Lab Sample ID: 220-8385-17
Client Matrix: Water

Date Sampled: 03/12/2009 1025
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	337		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1856				
Total Organic Carbon - Quad	2.3		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 0813				

Client Sample ID: MW-33 I

Lab Sample ID: 220-8385-18
Client Matrix: Water

Date Sampled: 03/12/2009 1100
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	114		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1903				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 1003				

Client Sample ID: MW-31S

Lab Sample ID: 220-8385-19
Client Matrix: Water

Date Sampled: 03/12/2009 1115
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	313		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1911				
Total Organic Carbon - Quad	1.8		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 1031				

Client Sample ID: MW-31 I

Lab Sample ID: 220-8385-20
Client Matrix: Water

Date Sampled: 03/12/2009 1020
Date Received: 03/13/2009 0950

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	139		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-25304	Date Analyzed		03/17/2009 1925				
Total Organic Carbon - Quad	1.0	U	mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-25494	Date Analyzed		03/24/2009 1107				

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
220-8385-1	MW-34 I	112	114	107	89
220-8385-1	MW-34 I	109	115	107	86
220-8385-2	MW-34 S	106	111	106	89
220-8385-3	OW-7	90	95	90	77
220-8385-4	DUP-031109	105	112	104	87
220-8385-5	MW-26 S	107	112	104	88
220-8385-6	MW-26 I	82	75	84	83
220-8385-6	MW-26 I	109	116	105	87
220-8385-7	OW-5	82	78	89	79
220-8385-7	OW-5	95	101	92	77
220-8385-8	OW-6	75	76	81	74
220-8385-8	OW-6	110	117	105	86
220-8385-9	MW-35 S	110	113	104	88
220-8385-10	MW-35 I	80	81	88	81
220-8385-10	MW-35 I	110	116	103	87
220-8385-11	OW-4	90	87	93	81
220-8385-11	OW-4	110	116	104	87
220-8385-12	TB-031109	95	96	89	76
220-8385-13	OW-3	82	85	90	84
220-8385-14	MW-30 I	84	83	86	84
220-8385-15	MW-30 S	81	78	91	81
220-8385-16	MW-24	85	80	91	83
220-8385-17	MW-33 S	83	81	90	80
220-8385-18	MW-33 I	84	82	91	83
220-8385-19	MW-31S	80	78	82	83
220-8385-20	MW-31 I	81	83	85	84
MB 220-25453/3		90	94	92	78
MB 220-25476/3		91	86	103	90
MB 220-25483/3		87	93	87	73

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	12DCE %Rec	TOL %Rec	BFB %Rec
MB 220-25517/3		94	92	89	83
LCS 220-25453/2		94	94	94	81
LCS 220-25476/2		85	75	96	87
LCS 220-25483/2		109	107	103	84
LCS 220-25517/2		93	90	91	79

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25453

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-25453/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2009 1106
Date Prepared: 03/23/2009 1106

Analysis Batch: 220-25453
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3952.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.3	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	53 - 125
4-Bromofluorobenzene	78	73 - 127
Dibromofluoromethane	90	54 - 137
Toluene-d8 (Surr)	92	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Control Spike - Batch: 220-25453

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-25453/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2009 0946
Date Prepared: 03/23/2009 0946

Analysis Batch: 220-25453
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3949.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	16.6	166	18 - 263	
Benzene	10.0	9.11	91	68 - 126	
Bromodichloromethane	10.0	9.34	93	67 - 118	
Bromoform	10.0	7.61	76	63 - 115	
Bromomethane	10.0	8.63	86	27 - 171	
Methyl Ethyl Ketone	10.0	15.1	151	30 - 222	
Carbon disulfide	10.0	10.1	101	44 - 142	
Carbon tetrachloride	10.0	10.1	101	56 - 131	
Chlorobenzene	10.0	8.22	82	71 - 114	
Chloroethane	10.0	7.56	76	53 - 167	
Chloroform	10.0	9.41	94	70 - 124	
Chloromethane	10.0	10.2	102	43 - 134	
Dibromochloromethane	10.0	8.84	88	65 - 114	
1,1-Dichloroethane	10.0	9.80	98	67 - 121	
1,2-Dichloroethane	10.0	9.37	94	68 - 124	
1,1-Dichloroethene	10.0	9.72	97	57 - 137	
1,2-Dichloropropane	10.0	9.21	92	69 - 122	
cis-1,3-Dichloropropene	10.0	8.60	86	60 - 122	
trans-1,3-Dichloropropene	10.0	8.34	83	55 - 126	
Ethylbenzene	10.0	8.18	82	71 - 115	
2-Hexanone	10.0	9.33	93	54 - 179	J
Methylene Chloride	10.0	7.44	74	61 - 129	
methyl isobutyl ketone	10.0	8.56	86	61 - 140	J
Styrene	10.0	6.21	62	69 - 112	*
1,1,2,2-Tetrachloroethane	10.0	9.42	94	66 - 129	
Tetrachloroethene	10.0	7.05	71	62 - 118	
Toluene	10.0	8.38	84	70 - 116	
1,1,1-Trichloroethane	10.0	10.5	105	60 - 128	
1,1,2-Trichloroethane	10.0	9.28	93	70 - 119	
Trichloroethene	10.0	8.39	84	58 - 125	
Vinyl chloride	10.0	10.5	105	51 - 139	
Xylenes, Total	30.0	22.9	76	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	53 - 125
4-Bromofluorobenzene	81	73 - 127
Dibromofluoromethane	94	54 - 137
Toluene-d8 (Surr)	94	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25476

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-25476/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2009 2049
Date Prepared: 03/23/2009 2049

Analysis Batch: 220-25476
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3583.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	53 - 125
4-Bromofluorobenzene	90	73 - 127
Dibromofluoromethane	91	54 - 137
Toluene-d8 (Surr)	103	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Control Spike - Batch: 220-25476

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-25476/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2009 1957
Date Prepared: 03/23/2009 1957

Analysis Batch: 220-25476
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L3581.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	20.0	29.1	145	18 - 263	
Benzene	20.0	19.7	99	68 - 126	
Bromodichloromethane	20.0	17.3	87	67 - 118	
Bromoform	20.0	16.6	83	63 - 115	
Bromomethane	20.0	16.0	80	27 - 171	
Methyl Ethyl Ketone	20.0	23.2	116	30 - 222	
Carbon disulfide	20.0	20.8	104	44 - 142	
Carbon tetrachloride	20.0	18.9	95	56 - 131	
Chlorobenzene	20.0	18.0	90	71 - 114	
Chloroethane	20.0	22.2	111	53 - 167	
Chloroform	20.0	18.4	92	70 - 124	
Chloromethane	20.0	25.7	128	43 - 134	
Dibromochloromethane	20.0	17.2	86	65 - 114	
1,1-Dichloroethane	20.0	20.3	101	67 - 121	
1,2-Dichloroethane	20.0	16.2	81	68 - 124	
1,1-Dichloroethene	20.0	21.2	106	57 - 137	
1,2-Dichloropropane	20.0	20.8	104	69 - 122	
cis-1,3-Dichloropropene	20.0	17.0	85	60 - 122	
trans-1,3-Dichloropropene	20.0	16.7	84	55 - 126	
Ethylbenzene	20.0	18.1	91	71 - 115	
2-Hexanone	20.0	23.2	116	54 - 179	
Methylene Chloride	20.0	17.7	89	61 - 129	
methyl isobutyl ketone	20.0	19.9	99	61 - 140	
Styrene	20.0	15.2	76	69 - 112	
1,1,2,2-Tetrachloroethane	20.0	20.5	102	66 - 129	
Tetrachloroethene	20.0	16.2	81	62 - 118	
Toluene	20.0	18.8	94	70 - 116	
1,1,1-Trichloroethane	20.0	18.8	94	60 - 128	
1,1,2-Trichloroethane	20.0	18.6	93	70 - 119	
Trichloroethene	20.0	17.5	87	58 - 125	
Vinyl chloride	20.0	23.7	119	51 - 139	
Xylenes, Total	60.0	53.6	89	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75	53 - 125
4-Bromofluorobenzene	87	73 - 127
Dibromofluoromethane	85	54 - 137
Toluene-d8 (Surr)	96	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25483

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-25483/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/24/2009 1132
Date Prepared: 03/24/2009 1132

Analysis Batch: 220-25483
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3989.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.2	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	53 - 125
4-Bromofluorobenzene	73	73 - 127
Dibromofluoromethane	87	54 - 137
Toluene-d8 (Surr)	87	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Control Spike - Batch: 220-25483

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-25483/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/24/2009 1012
Date Prepared: 03/24/2009 1012

Analysis Batch: 220-25483
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W3986.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	16.9	169	18 - 263	
Benzene	10.0	11.2	112	68 - 126	
Bromodichloromethane	10.0	11.0	110	67 - 118	
Bromoform	10.0	8.04	80	63 - 115	
Bromomethane	10.0	10.8	108	27 - 171	
Methyl Ethyl Ketone	10.0	13.8	138	30 - 222	
Carbon disulfide	10.0	12.6	126	44 - 142	
Carbon tetrachloride	10.0	12.6	126	56 - 131	
Chlorobenzene	10.0	9.39	94	71 - 114	
Chloroethane	10.0	10.0	100	53 - 167	
Chloroform	10.0	11.6	116	70 - 124	
Chloromethane	10.0	12.7	127	43 - 134	
Dibromochloromethane	10.0	9.47	95	65 - 114	
1,1-Dichloroethane	10.0	12.0	120	67 - 121	
1,2-Dichloroethane	10.0	10.9	109	68 - 124	
1,1-Dichloroethene	10.0	11.9	119	57 - 137	
1,2-Dichloropropane	10.0	10.8	108	69 - 122	
cis-1,3-Dichloropropene	10.0	9.76	98	60 - 122	
trans-1,3-Dichloropropene	10.0	9.30	93	55 - 126	
Ethylbenzene	10.0	9.64	96	71 - 115	
2-Hexanone	10.0	8.27	83	54 - 179	J
Methylene Chloride	10.0	9.67	97	61 - 129	
methyl isobutyl ketone	10.0	8.64	86	61 - 140	J
Styrene	10.0	6.97	70	69 - 112	
1,1,2,2-Tetrachloroethane	10.0	9.66	97	66 - 129	
Tetrachloroethene	10.0	8.52	85	62 - 118	
Toluene	10.0	9.93	99	70 - 116	
1,1,1-Trichloroethane	10.0	13.0	130	60 - 128	*
1,1,2-Trichloroethane	10.0	10.7	107	70 - 119	
Trichloroethene	10.0	10.6	106	58 - 125	
Vinyl chloride	10.0	12.8	128	51 - 139	
Xylenes, Total	30.0	26.7	89	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	53 - 125
4-Bromofluorobenzene	84	73 - 127
Dibromofluoromethane	109	54 - 137
Toluene-d8 (Surr)	103	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25517

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-25517/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/25/2009 1120
Date Prepared: 03/25/2009 1120

Analysis Batch: 220-25517
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2781.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	2.7	J	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	1.7	J	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	53 - 125
4-Bromofluorobenzene	83	73 - 127
Dibromofluoromethane	94	54 - 137
Toluene-d8 (Surr)	89	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Control Spike - Batch: 220-25517

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-25517/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/25/2009 1000
Date Prepared: 03/25/2009 1000

Analysis Batch: 220-25517
Prep Batch: N/A
Units: ug/L

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V2778.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	17.4	174	18 - 263	
Benzene	10.0	9.67	97	68 - 126	
Bromodichloromethane	10.0	10.1	101	67 - 118	
Bromoform	10.0	9.31	93	63 - 115	
Bromomethane	10.0	21.9	219	27 - 171	*
Methyl Ethyl Ketone	10.0	12.9	129	30 - 222	
Carbon disulfide	10.0	9.93	99	44 - 142	
Carbon tetrachloride	10.0	12.8	128	56 - 131	
Chlorobenzene	10.0	9.10	91	71 - 114	
Chloroethane	10.0	10.1	101	53 - 167	
Chloroform	10.0	10.3	103	70 - 124	
Chloromethane	10.0	11.3	113	43 - 134	
Dibromochloromethane	10.0	9.55	95	65 - 114	
1,1-Dichloroethane	10.0	10.4	104	67 - 121	
1,2-Dichloroethane	10.0	9.80	98	68 - 124	
1,1-Dichloroethene	10.0	10.3	103	57 - 137	
1,2-Dichloropropane	10.0	9.34	93	69 - 122	
cis-1,3-Dichloropropene	10.0	8.51	85	60 - 122	
trans-1,3-Dichloropropene	10.0	8.88	89	55 - 126	
Ethylbenzene	10.0	9.12	91	71 - 115	
2-Hexanone	10.0	8.79	88	54 - 179	J
Methylene Chloride	10.0	9.90	99	61 - 129	
methyl isobutyl ketone	10.0	8.64	86	61 - 140	J
Styrene	10.0	7.51	75	69 - 112	
1,1,2,2-Tetrachloroethane	10.0	9.28	93	66 - 129	
Tetrachloroethene	10.0	8.32	83	62 - 118	
Toluene	10.0	8.99	90	70 - 116	
1,1,1-Trichloroethane	10.0	11.2	112	60 - 128	
1,1,2-Trichloroethane	10.0	9.32	93	70 - 119	
Trichloroethene	10.0	9.37	94	58 - 125	
Vinyl chloride	10.0	11.7	117	51 - 139	
Xylenes, Total	30.0	25.9	86	66 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	53 - 125
4-Bromofluorobenzene	79	73 - 127
Dibromofluoromethane	93	54 - 137
Toluene-d8 (Surr)	91	63 - 121

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25211

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-25211/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1142
Date Prepared: 03/16/2009 1342

Analysis Batch: 220-25397
Prep Batch: 220-25211
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	120	U	31	120
Manganese	7.5	U	1.2	7.5

Lab Control Spike - Batch: 220-25211

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-25211/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1148
Date Prepared: 03/16/2009 1342

Analysis Batch: 220-25397
Prep Batch: 220-25211
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	25860	103	80 - 120	
Manganese	200	219	109	80 - 120	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-25211

Method: 6010B
Preparation: 3010A

MS Lab Sample ID: 220-8369-D-19-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1345
Date Prepared: 03/16/2009 1342

Analysis Batch: 220-25397
Prep Batch: 220-25211

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 220-8369-D-19-D MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1351
Date Prepared: 03/16/2009 1342

Analysis Batch: 220-25397
Prep Batch: 220-25211

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Iron	159	91	75 - 125	41	20	N	N
Manganese	98	100	75 - 125	2	20		

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-25211

Method: 6010B
Preparation: 3010A

MS Lab Sample ID: 220-8369-D-19-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1345
Date Prepared: 03/16/2009 1342

Units: ug/L

MSD Lab Sample ID: 220-8369-D-19-D MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1351
Date Prepared: 03/16/2009 1342

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Iron	190	500	500	987	N	650	N
Manganese	68	250	250	312		317	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Duplicate - Batch: 220-25211

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8369-D-19-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1339
Date Prepared: 03/16/2009 1342

Analysis Batch: 220-25397
Prep Batch: 220-25211
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	190	180	7	20	
Manganese	68	64.6	5	20	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25260

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-25260/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2009 1127
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25307
Prep Batch: 220-25260
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W031809
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	120	U	31	120
Manganese	7.5	U	1.2	7.5

Lab Control Spike - Batch: 220-25260

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-25260/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2009 1133
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25307
Prep Batch: 220-25260
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W031809
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	27350	109	80 - 120	
Manganese	200	231	115	80 - 120	

Matrix Spike - Batch: 220-25260

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8385-15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2009 1209
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25307
Prep Batch: 220-25260
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W031809
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Iron	390	500	1000	123	75 - 125	
Manganese	8.5	250	281	109	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Duplicate - Batch: 220-25260

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8385-15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/18/2009 1609
Date Prepared: 03/17/2009 1238

Analysis Batch: 220-25307
Prep Batch: 220-25260
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W031809
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	390	515	28	20	*
Manganese	8.5	9.86	15	20	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25351

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-25351/23-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1102
Date Prepared: 03/19/2009 1331

Analysis Batch: 220-25397
Prep Batch: 220-25351
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	120	U	31	120
Manganese	7.5	U	1.2	7.5

Lab Control Spike - Batch: 220-25351

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-25351/24-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1107
Date Prepared: 03/19/2009 1331

Analysis Batch: 220-25397
Prep Batch: 220-25351
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	25850	103	80 - 120	
Manganese	200	219	109	80 - 120	

Matrix Spike - Batch: 220-25351

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8425-H-1-C MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1125
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25397
Prep Batch: 220-25351
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Iron	180	500	678	100	75 - 125	
Manganese	490	250	720	92	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Duplicate - Batch: 220-25351

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8425-H-1-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/20/2009 1119
Date Prepared: 03/19/2009 1324

Analysis Batch: 220-25397
Prep Batch: 220-25351
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032009
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	180	168	7	20	
Manganese	490	471	4	20	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25354

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-25354/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/24/2009 1118
Date Prepared: 03/19/2009 1430

Analysis Batch: 220-25488
Prep Batch: 220-25354
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032409
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Iron	120	U	31	120
Manganese	7.5	U	1.2	7.5

Lab Control Spike - Batch: 220-25354

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-25354/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/24/2009 1124
Date Prepared: 03/19/2009 1430

Analysis Batch: 220-25488
Prep Batch: 220-25354
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032409
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Iron	25000	26230	105	80 - 120	
Manganese	200	218	109	80 - 120	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-25354

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	220-8399-B-9-C MS	Analysis Batch: 220-25488	Instrument ID: TJA Trace ICAP 61E2
Client Matrix:	Water	Prep Batch: 220-25354	Lab File ID: W032409
Dilution:	1.0		Initial Weight/Volume: 100 mL
Date Analyzed:	03/24/2009 1313		Final Weight/Volume: 50 mL
Date Prepared:	03/19/2009 1430		

MSD Lab Sample ID:	220-8399-B-9-D MSD	Analysis Batch: 220-25488	Instrument ID: TJA Trace ICAP 61E2
Client Matrix:	Water	Prep Batch: 220-25354	Lab File ID: W032409
Dilution:	1.0		Initial Weight/Volume: 100 mL
Date Analyzed:	03/24/2009 1319		Final Weight/Volume: 50 mL
Date Prepared:	03/19/2009 1430		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Iron	106	105	75 - 125	1	20		
Manganese	101	98	75 - 125	1	20		

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-25354

Method: 6010B
Preparation: 3010A

MS Lab Sample ID:	220-8399-B-9-C MS	Units: ug/L	MSD Lab Sample ID: 220-8399-B-9-D MSD
Client Matrix:	Water		Client Matrix: Water
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	03/24/2009 1313		Date Analyzed: 03/24/2009 1319
Date Prepared:	03/19/2009 1430		Date Prepared: 03/19/2009 1430

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Iron	210	500	500	739	734
Manganese	400	250	250	654	647

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Duplicate - Batch: 220-25354

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-8399-B-9-B DU
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/24/2009 1307
Date Prepared: 03/19/2009 1430

Analysis Batch: 220-25488
Prep Batch: 220-25354
Units: ug/L

Instrument ID: TJA Trace ICAP 61E2
Lab File ID: W032409
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Iron	210	210	0	20	
Manganese	400	369	9	20	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25494

Method: 9060
Preparation: N/A

Lab Sample ID: MB 220-25494/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/23/2009 1918
Date Prepared: N/A

Analysis Batch: 220-25494
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 03231232.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Result	Qual	MDL	RL
Total Organic Carbon - Quad	1.0	U	0.10	1.0

Lab Control Spike - Batch: 220-25494

Method: 9060
Preparation: N/A

Lab Sample ID: LCS 220-25494/5 ^4
Client Matrix: Water
Dilution: 4.0
Date Analyzed: 03/23/2009 1831
Date Prepared: N/A

Analysis Batch: 220-25494
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 03231232.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	82.2	86.21	105	85 - 115	

Matrix Spike - Batch: 220-25494

Method: 9060
Preparation: N/A

Lab Sample ID: 220-8385-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/24/2009 0320
Date Prepared: N/A

Analysis Batch: 220-25494
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 03231232.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Total Organic Carbon - Quad	1.7	20.0	22.87	106	75 - 125	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Duplicate - Batch: 220-25494

Method: 9060
Preparation: N/A

Lab Sample ID: 220-8385-8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/24/2009 0154
Date Prepared: N/A

Analysis Batch: 220-25494
Prep Batch: N/A
Units: mg/L

Instrument ID: Dorhman TOC Analyzer
Lab File ID: 03231232.bin
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 44 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Total Organic Carbon - Quad	4.0	3.82	6	20	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Method Blank - Batch: 220-25304

Method: SM 2320B
Preparation: N/A

Lab Sample ID: MB 220-25304/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2009 1607
Date Prepared: N/A

Analysis Batch: 220-25304
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Result	Qual	MDL	RL
Alkalinity	0.41	J	0.16	2.0

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Control Spike - Batch: 220-25304

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-25304/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2009 1557
Date Prepared: N/A

Analysis Batch: 220-25304
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	239.5	101	85 - 115	

Lab Control Spike - Batch: 220-25304

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-25304/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2009 1710
Date Prepared: N/A

Analysis Batch: 220-25304
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	240.9	102	85 - 115	

Lab Control Spike - Batch: 220-25304

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-25304/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2009 1841
Date Prepared: N/A

Analysis Batch: 220-25304
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	241.5	102	85 - 115	

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

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Control Spike - Batch: 220-25304

Method: SM 2320B
Preparation: N/A

Lab Sample ID: LCS 220-25304/32
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2009 1938
Date Prepared: N/A

Analysis Batch: 220-25304
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	236	256.4	109	85 - 115	

Duplicate - Batch: 220-25304

Method: SM 2320B
Preparation: N/A

Lab Sample ID: 220-8385-1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2009 1621
Date Prepared: N/A

Analysis Batch: 220-25304
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 1.0 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	254	254.2	0	20	

Duplicate - Batch: 220-25304

Method: SM 2320B
Preparation: N/A

Lab Sample ID: 220-8385-19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 03/17/2009 1918
Date Prepared: N/A

Analysis Batch: 220-25304
Prep Batch: N/A
Units: mg/L

Instrument ID: PC AutoTitrator-Mantech
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 1.0 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Alkalinity	313	310.6	1	20	

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

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
Metals		
	*	Duplicate analysis not within control limits.
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL
	N	Spiked sample recovery is not within control limits.
General Chemistry		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-25453					
LCS 220-25453/2	Lab Control Spike	T	Water	8260B	
MB 220-25453/3	Method Blank	T	Water	8260B	
220-8385-1	MW-34 I	T	Water	8260B	
220-8385-3	OW-7	T	Water	8260B	
220-8385-4	DUP-031109	T	Water	8260B	
220-8385-5	MW-26 S	T	Water	8260B	
Analysis Batch:220-25476					
LCS 220-25476/2	Lab Control Spike	T	Water	8260B	
MB 220-25476/3	Method Blank	T	Water	8260B	
220-8385-6	MW-26 I	T	Water	8260B	
220-8385-7	OW-5	T	Water	8260B	
220-8385-8	OW-6	T	Water	8260B	
220-8385-10	MW-35 I	T	Water	8260B	
220-8385-11	OW-4	T	Water	8260B	
220-8385-13	OW-3	T	Water	8260B	
220-8385-14	MW-30 I	T	Water	8260B	
220-8385-15	MW-30 S	T	Water	8260B	
220-8385-16	MW-24	T	Water	8260B	
220-8385-17	MW-33 S	T	Water	8260B	
220-8385-18	MW-33 I	T	Water	8260B	
220-8385-19	MW-31S	T	Water	8260B	
220-8385-20	MW-31 I	T	Water	8260B	
Analysis Batch:220-25483					
LCS 220-25483/2	Lab Control Spike	T	Water	8260B	
MB 220-25483/3	Method Blank	T	Water	8260B	
220-8385-1	MW-34 I	T	Water	8260B	
220-8385-2	MW-34 S	T	Water	8260B	
220-8385-6	MW-26 I	T	Water	8260B	
220-8385-7	OW-5	T	Water	8260B	
220-8385-8	OW-6	T	Water	8260B	
220-8385-9	MW-35 S	T	Water	8260B	
220-8385-10	MW-35 I	T	Water	8260B	
220-8385-11	OW-4	T	Water	8260B	
Analysis Batch:220-25517					
LCS 220-25517/2	Lab Control Spike	T	Water	8260B	
MB 220-25517/3	Method Blank	T	Water	8260B	
220-8385-12TB	TB-031109	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-25211					
LCS 220-25211/2-A	Lab Control Spike	T	Water	3010A	
MB 220-25211/1-A	Method Blank	T	Water	3010A	
220-8369-D-19-B DU	Duplicate	T	Water	3010A	
220-8369-D-19-C MS	Matrix Spike	T	Water	3010A	
220-8369-D-19-D MSD	Matrix Spike Duplicate	T	Water	3010A	
220-8369-D-19-A SD ^5	Serial Dilution	T	Water	3010A	
220-8385-1	MW-34 I	T	Water	3010A	
220-8385-2	MW-34 S	T	Water	3010A	
220-8385-3	OW-7	T	Water	3010A	
220-8385-4	DUP-031109	T	Water	3010A	
Prep Batch: 220-25260					
LCS 220-25260/2-A	Lab Control Spike	T	Water	3010A	
MB 220-25260/1-A	Method Blank	T	Water	3010A	
220-8385-5	MW-26 S	T	Water	3010A	
220-8385-6	MW-26 I	T	Water	3010A	
220-8385-7	OW-5	T	Water	3010A	
220-8385-8	OW-6	T	Water	3010A	
220-8385-9	MW-35 S	T	Water	3010A	
220-8385-10	MW-35 I	T	Water	3010A	
220-8385-11	OW-4	T	Water	3010A	
220-8385-13	OW-3	T	Water	3010A	
220-8385-14	MW-30 I	T	Water	3010A	
220-8385-15	MW-30 S	T	Water	3010A	
220-8385-15DU	Duplicate	T	Water	3010A	
220-8385-15MS	Matrix Spike	T	Water	3010A	
220-8385-15SD	Serial Dilution	T	Water	3010A	
220-8385-16	MW-24	T	Water	3010A	
220-8385-17	MW-33 S	T	Water	3010A	
220-8385-18	MW-33 I	T	Water	3010A	
220-8385-19	MW-31S	T	Water	3010A	
Analysis Batch:220-25307					
CCB 220-25307/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-25307/21	Continuing Calibration Blank		Water	6010B	
CCB5 220-25307/57	Continuing Calibration Blank		Water	6010B	
CCB6 220-25307/68	Continuing Calibration Blank		Water	6010B	
ICB 220-25307/4	Initial Calibration Blank		Water	6010B	
LCS 220-25260/2-A	Lab Control Spike	T	Water	6010B	220-25260
MB 220-25260/1-A	Method Blank	T	Water	6010B	220-25260
220-8385-15	MW-30 S	T	Water	6010B	220-25260
220-8385-15DU	Duplicate	T	Water	6010B	220-25260
220-8385-15MS	Matrix Spike	T	Water	6010B	220-25260
220-8385-15SD	Serial Dilution	T	Water	6010B	220-25260

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-25351					
LCS 220-25351/24-A	Lab Control Spike	T	Water	3010A	
MB 220-25351/23-A	Method Blank	T	Water	3010A	
220-8385-1	MW-34 I	D	Water	3010A	
220-8385-2	MW-34 S	D	Water	3010A	
220-8385-3	OW-7	D	Water	3010A	
220-8385-4	DUP-031109	D	Water	3010A	
220-8385-5	MW-26 S	D	Water	3010A	
220-8385-6	MW-26 I	D	Water	3010A	
220-8385-7	OW-5	D	Water	3010A	
220-8385-8	OW-6	D	Water	3010A	
220-8385-9	MW-35 S	D	Water	3010A	
220-8385-10	MW-35 I	D	Water	3010A	
220-8385-11	OW-4	D	Water	3010A	
220-8385-13	OW-3	D	Water	3010A	
220-8385-14	MW-30 I	D	Water	3010A	
220-8385-15	MW-30 S	D	Water	3010A	
220-8385-16	MW-24	D	Water	3010A	
220-8385-17	MW-33 S	D	Water	3010A	
220-8385-18	MW-33 I	D	Water	3010A	
220-8385-19	MW-31S	D	Water	3010A	
220-8385-20	MW-31 I	D	Water	3010A	
220-8425-H-1-B DU	Duplicate	T	Water	3010A	
220-8425-H-1-C MS	Matrix Spike	T	Water	3010A	
220-8425-H-1-A SD ^5	Serial Dilution	T	Water	3010A	
Prep Batch: 220-25354					
LCS 220-25354/2-A	Lab Control Spike	T	Water	3010A	
MB 220-25354/1-A	Method Blank	T	Water	3010A	
220-8385-20	MW-31 I	T	Water	3010A	
220-8385-20SD	Serial Dilution	T	Water	3010A	
220-8399-B-9-B DU	Duplicate	T	Water	3010A	
220-8399-B-9-C MS	Matrix Spike	T	Water	3010A	
220-8399-B-9-D MSD	Matrix Spike Duplicate	T	Water	3010A	

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-25397					
CCB 220-25397/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-25397/21	Continuing Calibration Blank		Water	6010B	
CCB3 220-25397/36	Continuing Calibration Blank		Water	6010B	
CCB4 220-25397/48	Continuing Calibration Blank		Water	6010B	
CCB5 220-25397/60	Continuing Calibration Blank		Water	6010B	
ICB 220-25397/4	Initial Calibration Blank		Water	6010B	
LCS 220-25211/2-A	Lab Control Spike	T	Water	6010B	220-25211
MB 220-25211/1-A	Method Blank	T	Water	6010B	220-25211
LCS 220-25351/24-A	Lab Control Spike	T	Water	6010B	220-25351
MB 220-25351/23-A	Method Blank	T	Water	6010B	220-25351
220-8369-D-19-B DU	Duplicate	T	Water	6010B	220-25211
220-8369-D-19-C MS	Matrix Spike	T	Water	6010B	220-25211
220-8369-D-19-D MSD	Matrix Spike Duplicate	T	Water	6010B	220-25211
220-8369-D-19-A SD ^5	Serial Dilution	T	Water	6010B	220-25211
220-8385-1	MW-34 I	T	Water	6010B	220-25211
220-8385-1	MW-34 I	D	Water	6010B	220-25351
220-8385-2	MW-34 S	T	Water	6010B	220-25211
220-8385-3	OW-7	T	Water	6010B	220-25211
220-8385-4	DUP-031109	T	Water	6010B	220-25211
220-8425-H-1-B DU	Duplicate	T	Water	6010B	220-25351
220-8425-H-1-C MS	Matrix Spike	T	Water	6010B	220-25351
220-8425-H-1-A SD ^5	Serial Dilution	T	Water	6010B	220-25351

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-25450					
CCB 220-25450/9	Continuing Calibration Blank		Water	6010B	
CCB2 220-25450/21	Continuing Calibration Blank		Water	6010B	
CCB3 220-25450/33	Continuing Calibration Blank		Water	6010B	
CCB4 220-25450/45	Continuing Calibration Blank		Water	6010B	
CCB5 220-25450/57	Continuing Calibration Blank		Water	6010B	
CCB6 220-25450/69	Continuing Calibration Blank		Water	6010B	
ICB 220-25450/4	Initial Calibration Blank		Water	6010B	
220-8385-2	MW-34 S	D	Water	6010B	220-25351
220-8385-3	OW-7	D	Water	6010B	220-25351
220-8385-4	DUP-031109	D	Water	6010B	220-25351
220-8385-5	MW-26 S	T	Water	6010B	220-25260
220-8385-5	MW-26 S	D	Water	6010B	220-25351
220-8385-6	MW-26 I	T	Water	6010B	220-25260
220-8385-6	MW-26 I	D	Water	6010B	220-25351
220-8385-7	OW-5	T	Water	6010B	220-25260
220-8385-7	OW-5	D	Water	6010B	220-25351
220-8385-8	OW-6	T	Water	6010B	220-25260
220-8385-8	OW-6	D	Water	6010B	220-25351
220-8385-9	MW-35 S	T	Water	6010B	220-25260
220-8385-9	MW-35 S	D	Water	6010B	220-25351
220-8385-10	MW-35 I	T	Water	6010B	220-25260
220-8385-10	MW-35 I	D	Water	6010B	220-25351
220-8385-11	OW-4	T	Water	6010B	220-25260
220-8385-11	OW-4	D	Water	6010B	220-25351
220-8385-13	OW-3	T	Water	6010B	220-25260
220-8385-13	OW-3	D	Water	6010B	220-25351
220-8385-14	MW-30 I	T	Water	6010B	220-25260
220-8385-14	MW-30 I	D	Water	6010B	220-25351
220-8385-15	MW-30 S	D	Water	6010B	220-25351
220-8385-16	MW-24	T	Water	6010B	220-25260
220-8385-16	MW-24	D	Water	6010B	220-25351
220-8385-17	MW-33 S	T	Water	6010B	220-25260
220-8385-17	MW-33 S	D	Water	6010B	220-25351
220-8385-18	MW-33 I	T	Water	6010B	220-25260
220-8385-18	MW-33 I	D	Water	6010B	220-25351
220-8385-19	MW-31S	T	Water	6010B	220-25260
220-8385-19	MW-31S	D	Water	6010B	220-25351
220-8385-20	MW-31 I	D	Water	6010B	220-25351

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-25488					
CCB 220-25488/10	Continuing Calibration Blank		Water	6010B	
CCB 220-25488/82	Continuing Calibration Blank		Water	6010B	
CCB2 220-25488/22	Continuing Calibration Blank		Water	6010B	
CCB3 220-25488/34	Continuing Calibration Blank		Water	6010B	
CCB6 220-25488/70	Continuing Calibration Blank		Water	6010B	
ICB 220-25488/4	Initial Calibration Blank		Water	6010B	
LCS 220-25354/2-A	Lab Control Spike	T	Water	6010B	220-25354
MB 220-25354/1-A	Method Blank	T	Water	6010B	220-25354
220-8385-20	MW-31 I	T	Water	6010B	220-25354
220-8385-20SD	Serial Dilution	T	Water	6010B	220-25354
220-8399-B-9-B DU	Duplicate	T	Water	6010B	220-25354
220-8399-B-9-C MS	Matrix Spike	T	Water	6010B	220-25354
220-8399-B-9-D MSD	Matrix Spike Duplicate	T	Water	6010B	220-25354

Report Basis
D = Dissolved
T = Total

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-25304					
LCS 220-25304/14	Lab Control Spike	T	Water	SM 2320B	
LCS 220-25304/24	Lab Control Spike	T	Water	SM 2320B	
LCS 220-25304/3	Lab Control Spike	T	Water	SM 2320B	
LCS 220-25304/32	Lab Control Spike	T	Water	SM 2320B	
MB 220-25304/5	Method Blank	T	Water	SM 2320B	
220-8385-1	MW-34 I	T	Water	SM 2320B	
220-8385-1DU	Duplicate	T	Water	SM 2320B	
220-8385-2	MW-34 S	T	Water	SM 2320B	
220-8385-3	OW-7	T	Water	SM 2320B	
220-8385-4	DUP-031109	T	Water	SM 2320B	
220-8385-5	MW-26 S	T	Water	SM 2320B	
220-8385-6	MW-26 I	T	Water	SM 2320B	
220-8385-7	OW-5	T	Water	SM 2320B	
220-8385-8	OW-6	T	Water	SM 2320B	
220-8385-9	MW-35 S	T	Water	SM 2320B	
220-8385-10	MW-35 I	T	Water	SM 2320B	
220-8385-11	OW-4	T	Water	SM 2320B	
220-8385-13	OW-3	T	Water	SM 2320B	
220-8385-14	MW-30 I	T	Water	SM 2320B	
220-8385-15	MW-30 S	T	Water	SM 2320B	
220-8385-16	MW-24	T	Water	SM 2320B	
220-8385-17	MW-33 S	T	Water	SM 2320B	
220-8385-18	MW-33 I	T	Water	SM 2320B	
220-8385-19	MW-31S	T	Water	SM 2320B	
220-8385-19DU	Duplicate	T	Water	SM 2320B	
220-8385-20	MW-31 I	T	Water	SM 2320B	

Client: Roux Associates, Inc.

Job Number: 220-8385-1
Sdg Number: 220-8385

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-25494					
CCB 220-25494/16	Continuing Calibration Blank		Water	9060	
CCB 220-25494/28	Continuing Calibration Blank		Water	9060	
CCB 220-25494/34	Continuing Calibration Blank		Water	9060	
CCB 220-25494/4	Continuing Calibration Blank		Water	9060	
ICB 220-25494/2	Initial Calibration Blank		Water	9060	
LCS 220-25494/5 ^4	Lab Control Spike	T	Water	9060	
MB 220-25494/6	Method Blank	T	Water	9060	
220-8385-1	MW-34 I	T	Water	9060	
220-8385-2	MW-34 S	T	Water	9060	
220-8385-3	OW-7	T	Water	9060	
220-8385-4	DUP-031109	T	Water	9060	
220-8385-5	MW-26 S	T	Water	9060	
220-8385-6	MW-26 I	T	Water	9060	
220-8385-7	OW-5	T	Water	9060	
220-8385-8	OW-6	T	Water	9060	
220-8385-8DU	Duplicate	T	Water	9060	
220-8385-9	MW-35 S	T	Water	9060	
220-8385-9MS	Matrix Spike	T	Water	9060	
220-8385-10	MW-35 I	T	Water	9060	
220-8385-11	OW-4	T	Water	9060	
220-8385-13	OW-3	T	Water	9060	
220-8385-14	MW-30 I	T	Water	9060	
220-8385-15	MW-30 S	T	Water	9060	
220-8385-16	MW-24	T	Water	9060	
220-8385-17	MW-33 S	T	Water	9060	
220-8385-18	MW-33 I	T	Water	9060	
220-8385-19	MW-31S	T	Water	9060	
220-8385-20	MW-31 I	T	Water	9060	

Report Basis
T = Total

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

Lab ID: 220-8385-1 **Client ID: MW-34 I**

Sample Date/Time: 03/11/2009 09:25 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-1		220-25453		03/23/2009 18:43	1	TAL CT	BK
A:8260B	220-8385-C-1		220-25453		03/23/2009 18:43	1	TAL CT	BK
P:5030B	220-8385-D-1		220-25483		03/24/2009 13:45	100	TAL CT	BK
A:8260B	220-8385-D-1		220-25483		03/24/2009 13:45	100	TAL CT	BK
P:3010A	220-8385-B-1-B		220-25397	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-1-B		220-25397	220-25351	03/20/2009 11:36	1	TAL CT	NP
P:3010A	220-8385-A-1-A		220-25397	220-25211	03/16/2009 13:47	1	TAL CT	BC
A:6010B	220-8385-A-1-A		220-25397	220-25211	03/20/2009 14:31	1	TAL CT	NP
A:9060	220-8385-E-1		220-25494		03/23/2009 19:52	1	TAL CT	DM
A:SM 2320B	220-8385-B-1		220-25304		03/17/2009 16:14	1	TAL CT	JM

Lab ID: 220-8385-1 DU **Client ID: MW-34 I**

Sample Date/Time: 03/11/2009 09:25 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 2320B	220-8385-B-1 DU		220-25304		03/17/2009 16:21	1	TAL CT	JM

Lab ID: 220-8385-2 **Client ID: MW-34 S**

Sample Date/Time: 03/11/2009 10:10 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-2		220-25483		03/24/2009 11:58	1	TAL CT	BK
A:8260B	220-8385-D-2		220-25483		03/24/2009 11:58	1	TAL CT	BK
P:3010A	220-8385-A-2-A		220-25397	220-25211	03/16/2009 13:47	1	TAL CT	BC
A:6010B	220-8385-A-2-A		220-25397	220-25211	03/20/2009 14:52	1	TAL CT	NP
P:3010A	220-8385-B-2-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-2-B		220-25450	220-25351	03/23/2009 10:50	1	TAL CT	NP
A:9060	220-8385-E-2		220-25494		03/23/2009 20:18	1	TAL CT	DM
A:SM 2320B	220-8385-B-2		220-25304		03/17/2009 16:29	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

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Lab ID: 220-8385-3 **Client ID: OW-7**

Sample Date/Time: 03/11/2009 11:15 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-3		220-25453		03/23/2009 19:37	1	TAL CT	BK
A:8260B	220-8385-D-3		220-25453		03/23/2009 19:37	1	TAL CT	BK
P:3010A	220-8385-A-3-A		220-25397	220-25211	03/16/2009 13:47	1	TAL CT	BC
A:6010B	220-8385-A-3-A		220-25397	220-25211	03/20/2009 14:58	1	TAL CT	NP
P:3010A	220-8385-B-3-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-3-B		220-25450	220-25351	03/23/2009 10:56	1	TAL CT	NP
A:9060	220-8385-E-3		220-25494		03/23/2009 20:46	1	TAL CT	DM
A:SM 2320B	220-8385-B-3		220-25304		03/17/2009 16:36	1	TAL CT	JM

Lab ID: 220-8385-4 **Client ID: DUP-031109**

Sample Date/Time: 03/11/2009 11:20 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-4		220-25453		03/23/2009 20:03	1	TAL CT	BK
A:8260B	220-8385-C-4		220-25453		03/23/2009 20:03	1	TAL CT	BK
P:3010A	220-8385-A-4-A		220-25397	220-25211	03/16/2009 13:47	1	TAL CT	BC
A:6010B	220-8385-A-4-A		220-25397	220-25211	03/20/2009 15:03	1	TAL CT	NP
P:3010A	220-8385-B-4-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-4-B		220-25450	220-25351	03/23/2009 11:02	1	TAL CT	NP
A:9060	220-8385-E-4		220-25494		03/23/2009 21:22	1	TAL CT	DM
A:SM 2320B	220-8385-B-4		220-25304		03/17/2009 16:43	1	TAL CT	JM

Lab ID: 220-8385-5 **Client ID: MW-26 S**

Sample Date/Time: 03/11/2009 12:20 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-5		220-25453		03/23/2009 20:30	1	TAL CT	BK
A:8260B	220-8385-D-5		220-25453		03/23/2009 20:30	1	TAL CT	BK
P:3010A	220-8385-B-5-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-5-B		220-25450	220-25351	03/23/2009 11:07	1	TAL CT	NP
P:3010A	220-8385-A-5-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-5-A		220-25450	220-25260	03/23/2009 15:03	1	TAL CT	NP
A:9060	220-8385-E-5		220-25494		03/23/2009 22:05	1	TAL CT	DM
A:SM 2320B	220-8385-B-5		220-25304		03/17/2009 16:50	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

Lab ID: 220-8385-6 **Client ID: MW-26 I**

Sample Date/Time: 03/11/2009 13:05 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-6		220-25476		03/24/2009 00:45	1	TAL CT	BK
A:8260B	220-8385-C-6		220-25476		03/24/2009 00:45	1	TAL CT	BK
P:5030B	220-8385-D-6		220-25483		03/24/2009 16:25	10	TAL CT	BK
A:8260B	220-8385-D-6		220-25483		03/24/2009 16:25	10	TAL CT	BK
P:3010A	220-8385-B-6-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-6-B		220-25450	220-25351	03/23/2009 11:13	1	TAL CT	NP
P:3010A	220-8385-A-6-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-6-A		220-25450	220-25260	03/23/2009 15:09	1	TAL CT	NP
A:9060	220-8385-E-6		220-25494		03/23/2009 22:36	1	TAL CT	DM
A:SM 2320B	220-8385-B-6		220-25304		03/17/2009 16:57	1	TAL CT	JM

Lab ID: 220-8385-7 **Client ID: OW-5**

Sample Date/Time: 03/11/2009 09:47 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-7		220-25476		03/24/2009 01:11	1	TAL CT	BK
A:8260B	220-8385-D-7		220-25476		03/24/2009 01:11	1	TAL CT	BK
P:5030B	220-8385-C-7		220-25483		03/24/2009 14:38	50	TAL CT	BK
A:8260B	220-8385-C-7		220-25483		03/24/2009 14:38	50	TAL CT	BK
P:3010A	220-8385-B-7-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-7-B		220-25450	220-25351	03/23/2009 11:19	1	TAL CT	NP
P:3010A	220-8385-A-7-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-7-A		220-25450	220-25260	03/23/2009 15:14	1	TAL CT	NP
A:9060	220-8385-E-7		220-25494		03/23/2009 23:18	1	TAL CT	DM
A:SM 2320B	220-8385-B-7		220-25304		03/17/2009 17:17	1	TAL CT	JM

Lab ID: 220-8385-8 **Client ID: OW-6**

Sample Date/Time: 03/11/2009 11:00 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-8		220-25476		03/24/2009 01:37	1	TAL CT	BK
A:8260B	220-8385-C-8		220-25476		03/24/2009 01:37	1	TAL CT	BK
P:5030B	220-8385-D-8		220-25483		03/24/2009 16:51	20	TAL CT	BK
A:8260B	220-8385-D-8		220-25483		03/24/2009 16:51	20	TAL CT	BK
P:3010A	220-8385-B-8-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-8-B		220-25450	220-25351	03/23/2009 11:25	1	TAL CT	NP
P:3010A	220-8385-A-8-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-8-A		220-25450	220-25260	03/23/2009 15:20	1	TAL CT	NP
A:9060	220-8385-E-8		220-25494		03/24/2009 00:00	1	TAL CT	DM
A:SM 2320B	220-8385-B-8		220-25304		03/17/2009 17:26	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

Lab ID: 220-8385-8 DU **Client ID: OW-6**

Sample Date/Time: 03/11/2009 11:00 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060	220-8385-F-8 DU		220-25494		03/24/2009 01:54	1	TAL CT	DM

Lab ID: 220-8385-9 **Client ID: MW-35 S**

Sample Date/Time: 03/11/2009 11:55 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-9		220-25483		03/24/2009 12:25	1	TAL CT	BK
A:8260B	220-8385-C-9		220-25483		03/24/2009 12:25	1	TAL CT	BK
P:3010A	220-8385-B-9-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-9-B		220-25450	220-25351	03/23/2009 11:30	1	TAL CT	NP
P:3010A	220-8385-A-9-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-9-A		220-25450	220-25260	03/23/2009 15:37	1	TAL CT	NP
A:9060	220-8385-F-9		220-25494		03/24/2009 02:35	1	TAL CT	DM
A:SM 2320B	220-8385-B-9		220-25304		03/17/2009 17:34	1	TAL CT	JM

Lab ID: 220-8385-9 MS **Client ID: MW-35 S**

Sample Date/Time: 03/11/2009 11:55 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9060	220-8385-F-9 MS		220-25494		03/24/2009 03:20	1	TAL CT	DM

Lab ID: 220-8385-10 **Client ID: MW-35 I**

Sample Date/Time: 03/11/2009 12:54 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-10		220-25476		03/24/2009 02:29	1	TAL CT	BK
A:8260B	220-8385-C-10		220-25476		03/24/2009 02:29	1	TAL CT	BK
P:5030B	220-8385-D-10		220-25483		03/24/2009 15:32	50	TAL CT	BK
A:8260B	220-8385-D-10		220-25483		03/24/2009 15:32	50	TAL CT	BK
P:3010A	220-8385-B-10-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-10-B		220-25450	220-25351	03/23/2009 11:36	1	TAL CT	NP
P:3010A	220-8385-A-10-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-10-A		220-25450	220-25260	03/23/2009 15:43	1	TAL CT	NP
A:9060	220-8385-E-10		220-25494		03/24/2009 04:07	1	TAL CT	DM
A:SM 2320B	220-8385-B-10		220-25304		03/17/2009 17:41	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

Lab ID: 220-8385-11 **Client ID: OW-4**

Sample Date/Time: 03/11/2009 13:48 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-11		220-25476		03/24/2009 02:55	1	TAL CT	BK
A:8260B	220-8385-D-11		220-25476		03/24/2009 02:55	1	TAL CT	BK
P:5030B	220-8385-C-11		220-25483		03/24/2009 15:58	100	TAL CT	BK
A:8260B	220-8385-C-11		220-25483		03/24/2009 15:58	100	TAL CT	BK
P:3010A	220-8385-B-11-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-11-B		220-25450	220-25351	03/23/2009 11:42	1	TAL CT	NP
P:3010A	220-8385-A-11-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-11-A		220-25450	220-25260	03/23/2009 15:51	1	TAL CT	NP
A:9060	220-8385-E-11		220-25494		03/24/2009 04:38	1	TAL CT	DM
A:SM 2320B	220-8385-B-11		220-25304		03/17/2009 17:48	1	TAL CT	JM

Lab ID: 220-8385-12 **Client ID: TB-031109**

Sample Date/Time: 03/11/2009 00:00 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-B-12		220-25517		03/25/2009 14:25	1	TAL CT	BK
A:8260B	220-8385-B-12		220-25517		03/25/2009 14:25	1	TAL CT	BK

Lab ID: 220-8385-13 **Client ID: OW-3**

Sample Date/Time: 03/12/2009 08:25 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-13		220-25476		03/24/2009 06:51	1	TAL CT	BK
A:8260B	220-8385-C-13		220-25476		03/24/2009 06:51	1	TAL CT	BK
P:3010A	220-8385-B-13-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-13-B		220-25450	220-25351	03/23/2009 11:59	1	TAL CT	NP
P:3010A	220-8385-A-13-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-13-A		220-25450	220-25260	03/23/2009 15:56	1	TAL CT	NP
A:9060	220-8385-E-13		220-25494		03/24/2009 05:24	1	TAL CT	DM
A:SM 2320B	220-8385-B-13		220-25304		03/17/2009 18:15	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

Lab ID: 220-8385-14 **Client ID: MW-30 I**

Sample Date/Time: 03/12/2009 09:25 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-14		220-25476		03/24/2009 03:48	1	TAL CT	BK
A:8260B	220-8385-D-14		220-25476		03/24/2009 03:48	1	TAL CT	BK
P:3010A	220-8385-B-14-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-14-B		220-25450	220-25351	03/23/2009 12:05	1	TAL CT	NP
P:3010A	220-8385-A-14-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-14-A		220-25450	220-25260	03/23/2009 16:02	1	TAL CT	NP
A:9060	220-8385-E-14		220-25494		03/24/2009 06:08	1	TAL CT	DM
A:SM 2320B	220-8385-B-14		220-25304		03/17/2009 18:22	1	TAL CT	JM

Lab ID: 220-8385-15 **Client ID: MW-30 S**

Sample Date/Time: 03/12/2009 08:40 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-15		220-25476		03/24/2009 04:14	1	TAL CT	BK
A:8260B	220-8385-C-15		220-25476		03/24/2009 04:14	1	TAL CT	BK
P:3010A	220-8385-A-15-A		220-25307	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-15-A		220-25307	220-25260	03/18/2009 11:58	1	TAL CT	NP
P:3010A	220-8385-B-15-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-15-B		220-25450	220-25351	03/23/2009 12:10	1	TAL CT	NP
A:9060	220-8385-E-15		220-25494		03/24/2009 06:46	1	TAL CT	DM
A:SM 2320B	220-8385-B-15		220-25304		03/17/2009 18:29	1	TAL CT	JM

Lab ID: 220-8385-15 MS **Client ID: MW-30 S**

Sample Date/Time: 03/12/2009 08:40 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8385-A-15-C MS		220-25307	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-15-C MS		220-25307	220-25260	03/18/2009 12:09	1	TAL CT	NP

Lab ID: 220-8385-15 DU **Client ID: MW-30 S**

Sample Date/Time: 03/12/2009 08:40 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8385-A-15-B DU		220-25307	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-15-B DU		220-25307	220-25260	03/18/2009 16:09	1	TAL CT	NP

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

Lab ID: 220-8385-16 **Client ID: MW-24**

Sample Date/Time: 03/12/2009 09:15 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-16		220-25476		03/24/2009 04:40	1	TAL CT	BK
A:8260B	220-8385-C-16		220-25476		03/24/2009 04:40	1	TAL CT	BK
P:3010A	220-8385-B-16-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-16-B		220-25450	220-25351	03/23/2009 12:18	1	TAL CT	NP
P:3010A	220-8385-A-16-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-16-A		220-25450	220-25260	03/23/2009 16:08	1	TAL CT	NP
A:9060	220-8385-E-16		220-25494		03/24/2009 07:29	1	TAL CT	DM
A:SM 2320B	220-8385-B-16		220-25304		03/17/2009 18:47	1	TAL CT	JM

Lab ID: 220-8385-17 **Client ID: MW-33 S**

Sample Date/Time: 03/12/2009 10:25 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-17		220-25476		03/24/2009 05:06	1	TAL CT	BK
A:8260B	220-8385-D-17		220-25476		03/24/2009 05:06	1	TAL CT	BK
P:3010A	220-8385-B-17-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-17-B		220-25450	220-25351	03/23/2009 12:24	1	TAL CT	NP
P:3010A	220-8385-A-17-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-17-A		220-25450	220-25260	03/23/2009 16:22	1	TAL CT	NP
A:9060	220-8385-E-17		220-25494		03/24/2009 08:13	1	TAL CT	DM
A:SM 2320B	220-8385-B-17		220-25304		03/17/2009 18:56	1	TAL CT	JM

Lab ID: 220-8385-18 **Client ID: MW-33 I**

Sample Date/Time: 03/12/2009 11:00 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-18		220-25476		03/24/2009 05:32	1	TAL CT	BK
A:8260B	220-8385-C-18		220-25476		03/24/2009 05:32	1	TAL CT	BK
P:3010A	220-8385-B-18-B		220-25450	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8385-B-18-B		220-25450	220-25351	03/23/2009 12:29	1	TAL CT	NP
P:3010A	220-8385-A-18-A		220-25450	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	220-8385-A-18-A		220-25450	220-25260	03/23/2009 16:27	1	TAL CT	NP
A:9060	220-8385-E-18		220-25494		03/24/2009 10:03	1	TAL CT	DM
A:SM 2320B	220-8385-B-18		220-25304		03/17/2009 19:03	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

Lab ID: 220-8385-19 **Client ID: MW-31S**

Sample Date/Time: 03/12/2009 11:15 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-C-19		220-25476		03/24/2009 05:58	1	TAL CT	BK
A:8260B	220-8385-C-19		220-25476		03/24/2009 05:58	1	TAL CT	BK
P:3010A	220-8385-B-19-B		220-25450	220-25351	03/19/2009 13:27	1	TAL CT	BC
A:6010B	220-8385-B-19-B		220-25450	220-25351	03/23/2009 12:35	1	TAL CT	NP
P:3010A	220-8385-A-19-A		220-25450	220-25260	03/17/2009 12:43	1	TAL CT	BC
A:6010B	220-8385-A-19-A		220-25450	220-25260	03/23/2009 16:33	1	TAL CT	NP
A:9060	220-8385-E-19		220-25494		03/24/2009 10:31	1	TAL CT	DM
A:SM 2320B	220-8385-B-19		220-25304		03/17/2009 19:11	1	TAL CT	JM

Lab ID: 220-8385-19 DU **Client ID: MW-31S**

Sample Date/Time: 03/12/2009 11:15 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:SM 2320B	220-8385-B-19 DU		220-25304		03/17/2009 19:18	1	TAL CT	JM

Lab ID: 220-8385-20 **Client ID: MW-31 I**

Sample Date/Time: 03/12/2009 10:20 Received Date/Time: 03/13/2009 09:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-8385-D-20		220-25476		03/24/2009 06:25	1	TAL CT	BK
A:8260B	220-8385-D-20		220-25476		03/24/2009 06:25	1	TAL CT	BK
P:3010A	220-8385-B-20-B		220-25450	220-25351	03/19/2009 13:27	1	TAL CT	BC
A:6010B	220-8385-B-20-B		220-25450	220-25351	03/23/2009 12:41	1	TAL CT	NP
P:3010A	220-8385-A-20-B		220-25488	220-25354	03/19/2009 14:30	1	TAL CT	JFV
A:6010B	220-8385-A-20-B		220-25488	220-25354	03/24/2009 11:30	1	TAL CT	NP
A:9060	220-8385-E-20		220-25494		03/24/2009 11:07	1	TAL CT	DM
A:SM 2320B	220-8385-B-20		220-25304		03/17/2009 19:25	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 220-25453/3		220-25453		03/23/2009 11:06	1	TAL CT	BK
A:8260B	MB 220-25453/3		220-25453		03/23/2009 11:06	1	TAL CT	BK
P:5030B	MB 220-25476/3		220-25476		03/23/2009 20:49	1	TAL CT	BK
A:8260B	MB 220-25476/3		220-25476		03/23/2009 20:49	1	TAL CT	BK
P:5030B	MB 220-25483/3		220-25483		03/24/2009 11:32	1	TAL CT	BK
A:8260B	MB 220-25483/3		220-25483		03/24/2009 11:32	1	TAL CT	BK
P:5030B	MB 220-25517/3		220-25517		03/25/2009 11:20	1	TAL CT	BK
A:8260B	MB 220-25517/3		220-25517		03/25/2009 11:20	1	TAL CT	BK
P:3010A	MB 220-25260/1-A		220-25307	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	MB 220-25260/1-A		220-25307	220-25260	03/18/2009 11:27	1	TAL CT	NP
P:3010A	MB 220-25351/23-A		220-25397	220-25351	03/19/2009 13:31	1	TAL CT	BC
A:6010B	MB 220-25351/23-A		220-25397	220-25351	03/20/2009 11:02	1	TAL CT	NP
P:3010A	MB 220-25211/1-A		220-25397	220-25211	03/16/2009 13:42	1	TAL CT	BC
A:6010B	MB 220-25211/1-A		220-25397	220-25211	03/20/2009 11:42	1	TAL CT	NP
P:3010A	MB 220-25354/1-A		220-25488	220-25354	03/19/2009 14:30	1	TAL CT	JFV
A:6010B	MB 220-25354/1-A		220-25488	220-25354	03/24/2009 11:18	1	TAL CT	NP
A:9060	MB 220-25494/6		220-25494		03/23/2009 19:18	1	TAL CT	DM
A:SM 2320B	MB 220-25304/5		220-25304		03/17/2009 16:07	1	TAL CT	JM

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 220-25453/2		220-25453		03/23/2009 09:46	1	TAL CT	BK
A:8260B	LCS 220-25453/2		220-25453		03/23/2009 09:46	1	TAL CT	BK
P:5030B	LCS 220-25476/2		220-25476		03/23/2009 19:57	1	TAL CT	BK
A:8260B	LCS 220-25476/2		220-25476		03/23/2009 19:57	1	TAL CT	BK
P:5030B	LCS 220-25483/2		220-25483		03/24/2009 10:12	1	TAL CT	BK
A:8260B	LCS 220-25483/2		220-25483		03/24/2009 10:12	1	TAL CT	BK
P:5030B	LCS 220-25517/2		220-25517		03/25/2009 10:00	1	TAL CT	BK
A:8260B	LCS 220-25517/2		220-25517		03/25/2009 10:00	1	TAL CT	BK
P:3010A	LCS 220-25260/2-A		220-25307	220-25260	03/17/2009 12:38	1	TAL CT	BC
A:6010B	LCS 220-25260/2-A		220-25307	220-25260	03/18/2009 11:33	1	TAL CT	NP
P:3010A	LCS 220-25351/24-A		220-25397	220-25351	03/19/2009 13:31	1	TAL CT	BC
A:6010B	LCS 220-25351/24-A		220-25397	220-25351	03/20/2009 11:07	1	TAL CT	NP
P:3010A	LCS 220-25211/2-A		220-25397	220-25211	03/16/2009 13:42	1	TAL CT	BC
A:6010B	LCS 220-25211/2-A		220-25397	220-25211	03/20/2009 11:48	1	TAL CT	NP
P:3010A	LCS 220-25354/2-A		220-25488	220-25354	03/19/2009 14:30	1	TAL CT	JFV
A:6010B	LCS 220-25354/2-A		220-25488	220-25354	03/24/2009 11:24	1	TAL CT	NP
A:9060	LCS 220-25494/5 ^4		220-25494		03/23/2009 18:31	4	TAL CT	DM
A:SM 2320B	LCS 220-25304/3		220-25304		03/17/2009 15:57	1	TAL CT	JM
A:SM 2320B	LCS 220-25304/14		220-25304		03/17/2009 17:10	1	TAL CT	JM
A:SM 2320B	LCS 220-25304/24		220-25304		03/17/2009 18:41	1	TAL CT	JM
A:SM 2320B	LCS 220-25304/32		220-25304		03/17/2009 19:38	1	TAL CT	JM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8425-H-1-C MS		220-25397	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8425-H-1-C MS		220-25397	220-25351	03/20/2009 11:25	1	TAL CT	NP
P:3010A	220-8369-D-19-C MS		220-25397	220-25211	03/16/2009 13:42	1	TAL CT	BC
A:6010B	220-8369-D-19-C MS		220-25397	220-25211	03/20/2009 13:45	1	TAL CT	NP
P:3010A	220-8399-B-9-C MS		220-25488	220-25354	03/19/2009 14:30	1	TAL CT	JFV
A:6010B	220-8399-B-9-C MS		220-25488	220-25354	03/24/2009 13:13	1	TAL CT	NP

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG: 220-8385

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8369-D-19-D MSD		220-25397	220-25211	03/16/2009 13:42	1	TAL CT	BC
A:6010B	220-8369-D-19-D MSD		220-25397	220-25211	03/20/2009 13:51	1	TAL CT	NP
P:3010A	220-8399-B-9-D MSD		220-25488	220-25354	03/19/2009 14:30	1	TAL CT	JFV
A:6010B	220-8399-B-9-D MSD		220-25488	220-25354	03/24/2009 13:19	1	TAL CT	NP

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-8425-H-1-B DU		220-25397	220-25351	03/19/2009 13:24	1	TAL CT	BC
A:6010B	220-8425-H-1-B DU		220-25397	220-25351	03/20/2009 11:19	1	TAL CT	NP
P:3010A	220-8369-D-19-B DU		220-25397	220-25211	03/16/2009 13:42	1	TAL CT	BC
A:6010B	220-8369-D-19-B DU		220-25397	220-25211	03/20/2009 13:39	1	TAL CT	NP
P:3010A	220-8399-B-9-B DU		220-25488	220-25354	03/19/2009 14:30	1	TAL CT	JFV
A:6010B	220-8399-B-9-B DU		220-25488	220-25354	03/24/2009 13:07	1	TAL CT	NP

Lab References:
TAL CT = TestAmerica Connecticut

GC/MS VOA

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	12DCE #	TOL #	BFB #
MW-34 I	220-8385-1	112	114	107	89
MW-34 I	220-8385-1	109	115	107	86
MW-34 S	220-8385-2	106	111	106	89
OW-7	220-8385-3	90	95	90	77
DUP-031109	220-8385-4	105	112	104	87
MW-26 S	220-8385-5	107	112	104	88
MW-26 I	220-8385-6	82	75	84	83
MW-26 I	220-8385-6	109	116	105	87
OW-5	220-8385-7	82	78	89	79
OW-5	220-8385-7	95	101	92	77
OW-6	220-8385-8	75	76	81	74
OW-6	220-8385-8	110	117	105	86
MW-35 S	220-8385-9	110	113	104	88
MW-35 I	220-8385-10	80	81	88	81
MW-35 I	220-8385-10	110	116	103	87
OW-4	220-8385-11	90	87	93	81
OW-4	220-8385-11	110	116	104	87
TB-031109	220-8385-12	95	96	89	76
OW-3	220-8385-13	82	85	90	84
MW-30 I	220-8385-14	84	83	86	84
MW-30 S	220-8385-15	81	78	91	81
MW-24	220-8385-16	85	80	91	83
MW-33 S	220-8385-17	83	81	90	80
MW-33 I	220-8385-18	84	82	91	83
MW-31S	220-8385-19	80	78	82	83
MW-31 I	220-8385-20	81	83	85	84
	MB 220-25453/3	90	94	92	78
	MB 220-25476/3	91	86	103	90
	MB 220-25483/3	87	93	87	73
	MB 220-25517/3	94	92	89	83
	LCS 220-25453/2	94	94	94	81
	LCS 220-25476/2	85	75	96	87
	LCS 220-25483/2	109	107	103	84
	LCS 220-25517/2	93	90	91	79

	QC LIMITS
DBFM = Dibromofluoromethane	54-137
12DCE = 1,2-Dichloroethane-d4 (Surr)	53-125
TOL = Toluene-d8 (Surr)	63-121
BFB = 4-Bromofluorobenzene	73-127

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Level: Low Lab File ID: W3949.D

Lab ID: LCS 220-25453/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	16.6	166	18-263	
Benzene	10.0	9.11	91	68-126	
Bromodichloromethane	10.0	9.34	93	67-118	
Bromoform	10.0	7.61	76	63-115	
Bromomethane	10.0	8.63	86	27-171	
Methyl Ethyl Ketone	10.0	15.1	151	30-222	
Carbon disulfide	10.0	10.1	101	44-142	
Carbon tetrachloride	10.0	10.1	101	56-131	
Chlorobenzene	10.0	8.22	82	71-114	
Chloroethane	10.0	7.56	76	53-167	
Chloroform	10.0	9.41	94	70-124	
Chloromethane	10.0	10.2	102	43-134	
Dibromochloromethane	10.0	8.84	88	65-114	
1,1-Dichloroethane	10.0	9.80	98	67-121	
1,2-Dichloroethane	10.0	9.37	94	68-124	
1,1-Dichloroethene	10.0	9.72	97	57-137	
1,2-Dichloropropane	10.0	9.21	92	69-122	
cis-1,3-Dichloropropene	10.0	8.60	86	60-122	
trans-1,3-Dichloropropene	10.0	8.34	83	55-126	
Ethylbenzene	10.0	8.18	82	71-115	
2-Hexanone	10.0	9.33 J	93	54-179	
Methylene Chloride	10.0	7.44	74	61-129	
methyl isobutyl ketone	10.0	8.56 J	86	61-140	
Styrene	10.0	6.21	62	69-112	*
1,1,2,2-Tetrachloroethane	10.0	9.42	94	66-129	
Tetrachloroethene	10.0	7.05	71	62-118	
Toluene	10.0	8.38	84	70-116	
1,1,1-Trichloroethane	10.0	10.5	105	60-128	
1,1,2-Trichloroethane	10.0	9.28	93	70-119	
Trichloroethene	10.0	8.39	84	58-125	
Vinyl chloride	10.0	10.5	105	51-139	
Xylenes, Total	30.0	22.9	76	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Level: Low Lab File ID: L3581.D

Lab ID: LCS 220-25476/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	20.0	29.1	145	18-263	
Benzene	20.0	19.7	99	68-126	
Bromodichloromethane	20.0	17.3	87	67-118	
Bromoform	20.0	16.6	83	63-115	
Bromomethane	20.0	16.0	80	27-171	
Methyl Ethyl Ketone	20.0	23.2	116	30-222	
Carbon disulfide	20.0	20.8	104	44-142	
Carbon tetrachloride	20.0	18.9	95	56-131	
Chlorobenzene	20.0	18.0	90	71-114	
Chloroethane	20.0	22.2	111	53-167	
Chloroform	20.0	18.4	92	70-124	
Chloromethane	20.0	25.7	128	43-134	
Dibromochloromethane	20.0	17.2	86	65-114	
1,1-Dichloroethane	20.0	20.3	101	67-121	
1,2-Dichloroethane	20.0	16.2	81	68-124	
1,1-Dichloroethene	20.0	21.2	106	57-137	
1,2-Dichloropropane	20.0	20.8	104	69-122	
cis-1,3-Dichloropropene	20.0	17.0	85	60-122	
trans-1,3-Dichloropropene	20.0	16.7	84	55-126	
Ethylbenzene	20.0	18.1	91	71-115	
2-Hexanone	20.0	23.2	116	54-179	
Methylene Chloride	20.0	17.7	89	61-129	
methyl isobutyl ketone	20.0	19.9	99	61-140	
Styrene	20.0	15.2	76	69-112	
1,1,2,2-Tetrachloroethane	20.0	20.5	102	66-129	
Tetrachloroethene	20.0	16.2	81	62-118	
Toluene	20.0	18.8	94	70-116	
1,1,1-Trichloroethane	20.0	18.8	94	60-128	
1,1,2-Trichloroethane	20.0	18.6	93	70-119	
Trichloroethene	20.0	17.5	87	58-125	
Vinyl chloride	20.0	23.7	119	51-139	
Xylenes, Total	60.0	53.6	89	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Level: Low Lab File ID: W3986.D

Lab ID: LCS 220-25483/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	16.9	169	18-263	
Benzene	10.0	11.2	112	68-126	
Bromodichloromethane	10.0	11.0	110	67-118	
Bromoform	10.0	8.04	80	63-115	
Bromomethane	10.0	10.8	108	27-171	
Methyl Ethyl Ketone	10.0	13.8	138	30-222	
Carbon disulfide	10.0	12.6	126	44-142	
Carbon tetrachloride	10.0	12.6	126	56-131	
Chlorobenzene	10.0	9.39	94	71-114	
Chloroethane	10.0	10.0	100	53-167	
Chloroform	10.0	11.6	116	70-124	
Chloromethane	10.0	12.7	127	43-134	
Dibromochloromethane	10.0	9.47	95	65-114	
1,1-Dichloroethane	10.0	12.0	120	67-121	
1,2-Dichloroethane	10.0	10.9	109	68-124	
1,1-Dichloroethene	10.0	11.9	119	57-137	
1,2-Dichloropropane	10.0	10.8	108	69-122	
cis-1,3-Dichloropropene	10.0	9.76	98	60-122	
trans-1,3-Dichloropropene	10.0	9.30	93	55-126	
Ethylbenzene	10.0	9.64	96	71-115	
2-Hexanone	10.0	8.27 J	83	54-179	
Methylene Chloride	10.0	9.67	97	61-129	
methyl isobutyl ketone	10.0	8.64 J	86	61-140	
Styrene	10.0	6.97	70	69-112	
1,1,2,2-Tetrachloroethane	10.0	9.66	97	66-129	
Tetrachloroethene	10.0	8.52	85	62-118	
Toluene	10.0	9.93	99	70-116	
1,1,1-Trichloroethane	10.0	13.0	130	60-128	*
1,1,2-Trichloroethane	10.0	10.7	107	70-119	
Trichloroethene	10.0	10.6	106	58-125	
Vinyl chloride	10.0	12.8	128	51-139	
Xylenes, Total	30.0	26.7	89	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Level: Low Lab File ID: V2778.D

Lab ID: LCS 220-25517/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	17.4	174	18-263	
Benzene	10.0	9.67	97	68-126	
Bromodichloromethane	10.0	10.1	101	67-118	
Bromoform	10.0	9.31	93	63-115	
Bromomethane	10.0	21.9	219	27-171	*
Methyl Ethyl Ketone	10.0	12.9	129	30-222	
Carbon disulfide	10.0	9.93	99	44-142	
Carbon tetrachloride	10.0	12.8	128	56-131	
Chlorobenzene	10.0	9.10	91	71-114	
Chloroethane	10.0	10.1	101	53-167	
Chloroform	10.0	10.3	103	70-124	
Chloromethane	10.0	11.3	113	43-134	
Dibromochloromethane	10.0	9.55	95	65-114	
1,1-Dichloroethane	10.0	10.4	104	67-121	
1,2-Dichloroethane	10.0	9.80	98	68-124	
1,1-Dichloroethene	10.0	10.3	103	57-137	
1,2-Dichloropropane	10.0	9.34	93	69-122	
cis-1,3-Dichloropropene	10.0	8.51	85	60-122	
trans-1,3-Dichloropropene	10.0	8.88	89	55-126	
Ethylbenzene	10.0	9.12	91	71-115	
2-Hexanone	10.0	8.79 J	88	54-179	
Methylene Chloride	10.0	9.90	99	61-129	
methyl isobutyl ketone	10.0	8.64 J	86	61-140	
Styrene	10.0	7.51	75	69-112	
1,1,2,2-Tetrachloroethane	10.0	9.28	93	66-129	
Tetrachloroethene	10.0	8.32	83	62-118	
Toluene	10.0	8.99	90	70-116	
1,1,1-Trichloroethane	10.0	11.2	112	60-128	
1,1,2-Trichloroethane	10.0	9.32	93	70-119	
Trichloroethene	10.0	9.37	94	58-125	
Vinyl chloride	10.0	11.7	117	51-139	
Xylenes, Total	30.0	25.9	86	66-118	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: W3952.D Lab Sample ID: MB 220-25453/3

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

Instrument ID: MSW Date Analyzed: 03/23/2009 11:06

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-25453/2	W3949.D	03/23/2009 09:46
MW-34 I	220-8385-1	W3969.D	03/23/2009 18:43
OW-7	220-8385-3	W3971.D	03/23/2009 19:37
DUP-031109	220-8385-4	W3972.D	03/23/2009 20:03
MW-26 S	220-8385-5	W3973.D	03/23/2009 20:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: L3583.D Lab Sample ID: MB 220-25476/3

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

Instrument ID: MSL Date Analyzed: 03/23/2009 20:49

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-25476/2	L3581.D	03/23/2009 19:57
MW-26 I	220-8385-6	L3592.D	03/24/2009 00:45
OW-5	220-8385-7	L3593.D	03/24/2009 01:11
OW-6	220-8385-8	L3594.D	03/24/2009 01:37
MW-35 I	220-8385-10	L3596.D	03/24/2009 02:29
OW-4	220-8385-11	L3597.D	03/24/2009 02:55
MW-30 I	220-8385-14	L3599.D	03/24/2009 03:48
MW-30 S	220-8385-15	L3600.D	03/24/2009 04:14
MW-24	220-8385-16	L3601.D	03/24/2009 04:40
MW-33 S	220-8385-17	L3602.D	03/24/2009 05:06
MW-33 I	220-8385-18	L3603.D	03/24/2009 05:32
MW-31S	220-8385-19	L3604.D	03/24/2009 05:58
MW-31 I	220-8385-20	L3605.D	03/24/2009 06:25
OW-3	220-8385-13	L3606.D	03/24/2009 06:51

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: W3989.D Lab Sample ID: MB 220-25483/3

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

Instrument ID: MSW Date Analyzed: 03/24/2009 11:32

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-25483/2	W3986.D	03/24/2009 10:12
MW-34 S	220-8385-2	W3990.D	03/24/2009 11:58
MW-35 S	220-8385-9	W3991.D	03/24/2009 12:25
MW-34 I	220-8385-1	W3994.D	03/24/2009 13:45
OW-5	220-8385-7	W3996.D	03/24/2009 14:38
MW-35 I	220-8385-10	W3998.D	03/24/2009 15:32
OW-4	220-8385-11	W3999.D	03/24/2009 15:58
MW-26 I	220-8385-6	W4000.D	03/24/2009 16:25
OW-6	220-8385-8	W4001.D	03/24/2009 16:51

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: V2781.D Lab Sample ID: MB 220-25517/3

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

Instrument ID: MSV Date Analyzed: 03/25/2009 11:20

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-25517/2	V2778.D	03/25/2009 10:00
TB-031109	220-8385-12	V2789.D	03/25/2009 14:25

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: LB104.D BFB Injection Date: 03/19/2009

Instrument ID: MSL BFB Injection Time: 14:27

Analysis Batch No.: 25393

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.8	
75	30.0 - 60.0 % of mass 95	50.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	69.7	
175	5.0 - 9.0 % of mass 174	5.7	(8.2)1
176	95.0 - 101.0 % of mass 174	68.2	(97.8)1
177	5.0 - 9.0 % of mass 176	4.7	(6.9)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-25393/1	L3469.D	03/19/2009	14:50
	IC 220-25393/2	L3470.D	03/19/2009	15:36
	IC 220-25393/3	L3471.D	03/19/2009	16:02
	ICIS 220-25393/4	L3472.D	03/19/2009	16:28
	IC 220-25393/5	L3473.D	03/19/2009	16:54
	IC 220-25393/6	L3474.D	03/19/2009	17:20

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: LB111.D BFB Injection Date: 03/23/2009

Instrument ID: MSL BFB Injection Time: 19:09

Analysis Batch No.: 25476

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.8	
75	30.0 - 60.0 % of mass 95	47.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	69.2	
175	5.0 - 9.0 % of mass 174	4.4	(6.3)1
176	95.0 - 101.0 % of mass 174	66.6	(96.3)1
177	5.0 - 9.0 % of mass 176	4.3	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-25476/1	L3580.D	03/23/2009	19:19
	LCS 220-25476/2	L3581.D	03/23/2009	19:57
	MB 220-25476/3	L3583.D	03/23/2009	20:49
MW-26 I	220-8385-6	L3592.D	03/24/2009	00:45
OW-5	220-8385-7	L3593.D	03/24/2009	01:11
OW-6	220-8385-8	L3594.D	03/24/2009	01:37
MW-35 I	220-8385-10	L3596.D	03/24/2009	02:29
OW-4	220-8385-11	L3597.D	03/24/2009	02:55
MW-30 I	220-8385-14	L3599.D	03/24/2009	03:48
MW-30 S	220-8385-15	L3600.D	03/24/2009	04:14
MW-24	220-8385-16	L3601.D	03/24/2009	04:40
MW-33 S	220-8385-17	L3602.D	03/24/2009	05:06
MW-33 I	220-8385-18	L3603.D	03/24/2009	05:32
MW-31S	220-8385-19	L3604.D	03/24/2009	05:58
MW-31 I	220-8385-20	L3605.D	03/24/2009	06:25
OW-3	220-8385-13	L3606.D	03/24/2009	06:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: VB536.D BFB Injection Date: 03/23/2009

Instrument ID: MSV BFB Injection Time: 12:18

Analysis Batch No.: 25447

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.4	
75	30.0 - 60.0 % of mass 95	44.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	87.6	
175	5.0 - 9.0 % of mass 174	6.4	(7.4)1
176	95.0 - 101.0 % of mass 174	84.6	(96.6)1
177	5.0 - 9.0 % of mass 176	5.6	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-25447/1	V2718.D	03/23/2009	13:26
	IC 220-25447/2	V2719.D	03/23/2009	13:53
	IC 220-25447/3	V2720.D	03/23/2009	14:20
	IC 220-25447/4	V2721.D	03/23/2009	14:46
	IC 220-25447/5	V2726.D	03/23/2009	17:45
	IC 220-25447/6	V2727.D	03/23/2009	18:11

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: VB539.D BFB Injection Date: 03/25/2009

Instrument ID: MSV BFB Injection Time: 09:11

Analysis Batch No.: 25517

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	46.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	87.0	
175	5.0 - 9.0 % of mass 174	6.3	(7.3)1
176	95.0 - 101.0 % of mass 174	83.9	(96.5)1
177	5.0 - 9.0 % of mass 176	5.6	(6.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-25517/1	V2777.D	03/25/2009	09:21
	LCS 220-25517/2	V2778.D	03/25/2009	10:00
	MB 220-25517/3	V2781.D	03/25/2009	11:20
TB-031109	220-8385-12	V2789.D	03/25/2009	14:25

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: WB088.D BFB Injection Date: 03/20/2009

Instrument ID: MSW BFB Injection Time: 19:27

Analysis Batch No.: 25415

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	44.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.6	(0.6)1
174	50.0 - 120.00 % of mass 95	93.0	
175	5.0 - 9.0 % of mass 174	6.5	(7.0)1
176	95.0 - 101.0 % of mass 174	91.4	(98.3)1
177	5.0 - 9.0 % of mass 176	5.9	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-25415/1	W3872.D	03/20/2009	20:10
	IC 220-25415/2	W3873.D	03/20/2009	20:36
	IC 220-25415/3	W3874.D	03/20/2009	21:03
	ICIS 220-25415/4	W3875.D	03/20/2009	21:29
	IC 220-25415/5	W3876.D	03/20/2009	21:56
	IC 220-25415/6	W3877.D	03/20/2009	22:22

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: WB090.D BFB Injection Date: 03/23/2009

Instrument ID: MSW BFB Injection Time: 08:57

Analysis Batch No.: 25453

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.6	
75	30.0 - 60.0 % of mass 95	47.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	85.3	
175	5.0 - 9.0 % of mass 174	6.1	(7.2)1
176	95.0 - 101.0 % of mass 174	82.7	(97.0)1
177	5.0 - 9.0 % of mass 176	5.4	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-25453/1	W3948.D	03/23/2009	09:08
	LCS 220-25453/2	W3949.D	03/23/2009	09:46
	MB 220-25453/3	W3952.D	03/23/2009	11:06
MW-34 I	220-8385-1	W3969.D	03/23/2009	18:43
OW-7	220-8385-3	W3971.D	03/23/2009	19:37
DUP-031109	220-8385-4	W3972.D	03/23/2009	20:03
MW-26 S	220-8385-5	W3973.D	03/23/2009	20:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab File ID: WB091.D BFB Injection Date: 03/24/2009

Instrument ID: MSW BFB Injection Time: 09:19

Analysis Batch No.: 25483

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	46.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.6	(0.6)1
174	50.0 - 120.00 % of mass 95	89.5	
175	5.0 - 9.0 % of mass 174	6.4	(7.1)1
176	95.0 - 101.0 % of mass 174	87.8	(98.1)1
177	5.0 - 9.0 % of mass 176	5.6	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-25483/1	W3985.D	03/24/2009	09:29
	LCS 220-25483/2	W3986.D	03/24/2009	10:12
	MB 220-25483/3	W3989.D	03/24/2009	11:32
MW-34 S	220-8385-2	W3990.D	03/24/2009	11:58
MW-35 S	220-8385-9	W3991.D	03/24/2009	12:25
MW-34 I	220-8385-1	W3994.D	03/24/2009	13:45
OW-5	220-8385-7	W3996.D	03/24/2009	14:38
MW-35 I	220-8385-10	W3998.D	03/24/2009	15:32
OW-4	220-8385-11	W3999.D	03/24/2009	15:58
MW-26 I	220-8385-6	W4000.D	03/24/2009	16:25
OW-6	220-8385-8	W4001.D	03/24/2009	16:51

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

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Sample No.: CCVIS 220-25476/1 Date Analyzed: 03/23/2009 19:19

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): L3580.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		907638	4.35	733225	7.56	282233	9.64
UPPER LIMIT		1815276	4.85	1466450	8.06	564466	10.14
LOWER LIMIT		453819	3.85	366613	7.06	141117	9.14
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-25476/2		961119	4.35	750406	7.57	297502	9.64
MB 220-25476/3		883200	4.35	706862	7.57	276555	9.64
220-8385-6	MW-26 I	829675	4.34	683591	7.57	255431	9.64
220-8385-7	OW-5	836088	4.35	675356	7.56	268778	9.64
220-8385-8	OW-6	798858	4.35	638881	7.57	254857	9.64
220-8385-10	MW-35 I	796991	4.34	644397	7.56	254524	9.63
220-8385-11	OW-4	782333	4.35	645469	7.57	269855	9.64
220-8385-14	MW-30 I	800102	4.35	650421	7.56	251969	9.63
220-8385-15	MW-30 S	778081	4.34	618736	7.57	242328	9.64
220-8385-16	MW-24	759236	4.35	615139	7.57	250288	9.64
220-8385-17	MW-33 S	771572	4.35	610785	7.56	246799	9.64
220-8385-18	MW-33 I	779964	4.34	615471	7.57	251224	9.64
220-8385-19	MW-31S	774928	4.35	636741	7.56	243793	9.63
220-8385-20	MW-31 I	769427	4.34	628908	7.56	234493	9.64
220-8385-13	OW-3	760163	4.34	620340	7.56	240249	9.63

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Sample No.: CCVIS 220-25517/1 Date Analyzed: 03/25/2009 09:21

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V2777.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		1612474	4.70	1196320	8.44	667661	10.95
UPPER LIMIT		3224948	5.20	2392640	8.94	1335322	11.45
LOWER LIMIT		806237	4.20	598160	7.94	333831	10.45
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-25517/2		1587011	4.70	1199283	8.44	656074	10.95
MB 220-25517/3		1491141	4.70	1140841	8.44	571522	10.95
220-8385-12	TB-031109	1404951	4.70	1081223	8.44	564945	10.95

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Sample No.: CCVIS 220-25453/1 Date Analyzed: 03/23/2009 09:08

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): W3948.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		847637	4.96	725569	8.70	386390	11.12
UPPER LIMIT		1695274	5.46	1451138	9.20	772780	11.62
LOWER LIMIT		423819	4.46	362785	8.20	193195	10.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-25453/2		853703	4.96	726202	8.70	388881	11.12
MB 220-25453/3		841581	4.96	717232	8.70	371284	11.12
220-8385-1	MW-34 I	675654	4.96	606836	8.70	309419	11.12
220-8385-3	OW-7	802140	4.96	689374	8.70	347363	11.12
220-8385-4	DUP-031109	679740	4.96	587103	8.70	298033	11.11
220-8385-5	MW-26 S	672883	4.96	582062	8.70	297934	11.11

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Sample No.: CCVIS 220-25483/1 Date Analyzed: 03/24/2009 09:29

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): W3985.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		835232	4.96	735873	8.70	403267	11.12
UPPER LIMIT		1670464	5.46	1471746	9.20	806534	11.62
LOWER LIMIT		417616	4.46	367937	8.20	201634	10.62
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-25483/2		717688	4.96	636450	8.70	354765	11.12
MB 220-25483/3		851534	4.96	746992	8.70	385482	11.12
220-8385-2	MW-34 S	704658	4.96	615013	8.70	311874	11.12
220-8385-9	MW-35 S	673301	4.96	600970	8.70	307487	11.11
220-8385-1	MW-34 I	663546	4.96	582624	8.70	303863	11.12
220-8385-7	OW-5	748272	4.96	660381	8.70	341360	11.11
220-8385-10	MW-35 I	647524	4.96	584375	8.70	296429	11.12
220-8385-11	OW-4	648715	4.96	577325	8.70	299609	11.12
220-8385-6	MW-26 I	645097	4.96	571323	8.70	292605	11.12
220-8385-8	OW-6	647556	4.96	578972	8.70	297140	11.11

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Upper Limit = 200% of Internal Standard Area
Area Lower Limit = 50% of Internal Standard Area
RT Upper Limit = +0.5 minutes of Internal Standard Retention Time
RT Lower Limit = -0.5 minutes of Internal Standard Retention Time

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-34 I Lab Sample ID: 220-8385-1

Matrix: Water Lab File ID: W3969.D

Analysis Method: 8260B Date Collected: 03/11/2009 09:25

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 18:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	2.3	J B	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.2		5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	58		5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.3	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	1.9	J	5.0	0.65
75-01-4	Vinyl chloride	36		5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-60-5	trans-1,2-Dichloroethene	6.7		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-34 I Lab Sample ID: 220-8385-1

Matrix: Water Lab File ID: W3969.D

Analysis Method: 8260B Date Collected: 03/11/2009 09:25

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 18:43

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114	53-125	
460-00-4	4-Bromofluorobenzene	89	73-127	
1868-53-7	Dibromofluoromethane	112	54-137	
2037-26-5	Toluene-d8 (Surr)	107	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W3969.D
Lab Smp Id: 220-8385-C-1 Client Smp ID: MW-34 I
Inj Date : 23-MAR-2009 18:43 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-c-1
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W8260LOW.m
Meth Date : 23-Mar-2009 09:28 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.962	4.957	(1.000)	675654	25.0000	
	4 Vinyl Chloride	62	1.175	1.175	(0.237)	268655	36.2582	36
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	428666	57.5406	58
	21 Acetone	43	2.346	2.346	(0.473)	11195	2.25619	2
	22 trans-1,2-Dichloroethene	96	2.437	2.437	(0.491)	64033	6.74944	7
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	16432	0.47160	0.5
	31 1,1-Dichloroethane	63	3.004	3.004	(0.605)	96960	5.24946	5
	33 cis-1,2-Dichloroethene	96	3.572	3.571	(0.720)	2494555	219.085	220(A)
	38 Chloroform	83	3.882	3.876	(0.782)	7874	0.43871	0.4
$	41 Dibromofluoromethane	111	4.069	4.069	(0.820)	229043	27.9124	28
	44 1,1,1-Trichloroethane	97	4.074	4.080	(0.821)	8571	0.65008	0.6
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.933)	281794	28.6144	29
	60 Trichloroethene	130	5.144	5.155	(1.037)	30450695	2875.25	2900(A)
	74 1,1,2-Trichloroethane	97	7.578	7.573	(1.527)	18461	1.88840	2
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	606836	25.0000	
	76 Toluene	91	6.862	6.862	(0.789)	6736	0.15204	0.2
$	77 Toluene-d8	98	6.803	6.803	(0.782)	841998	26.7225	27
	80 Tetrachloroethene	164	7.316	7.316	(0.841)	12923	1.34149	1
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	309419	25.0000	
	112 1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	5590	0.28178	0.3
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	248820	22.3590	22
M	126 1,2-Dichloroethene (total)	100				2558588	225.834	220

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: W3969.D

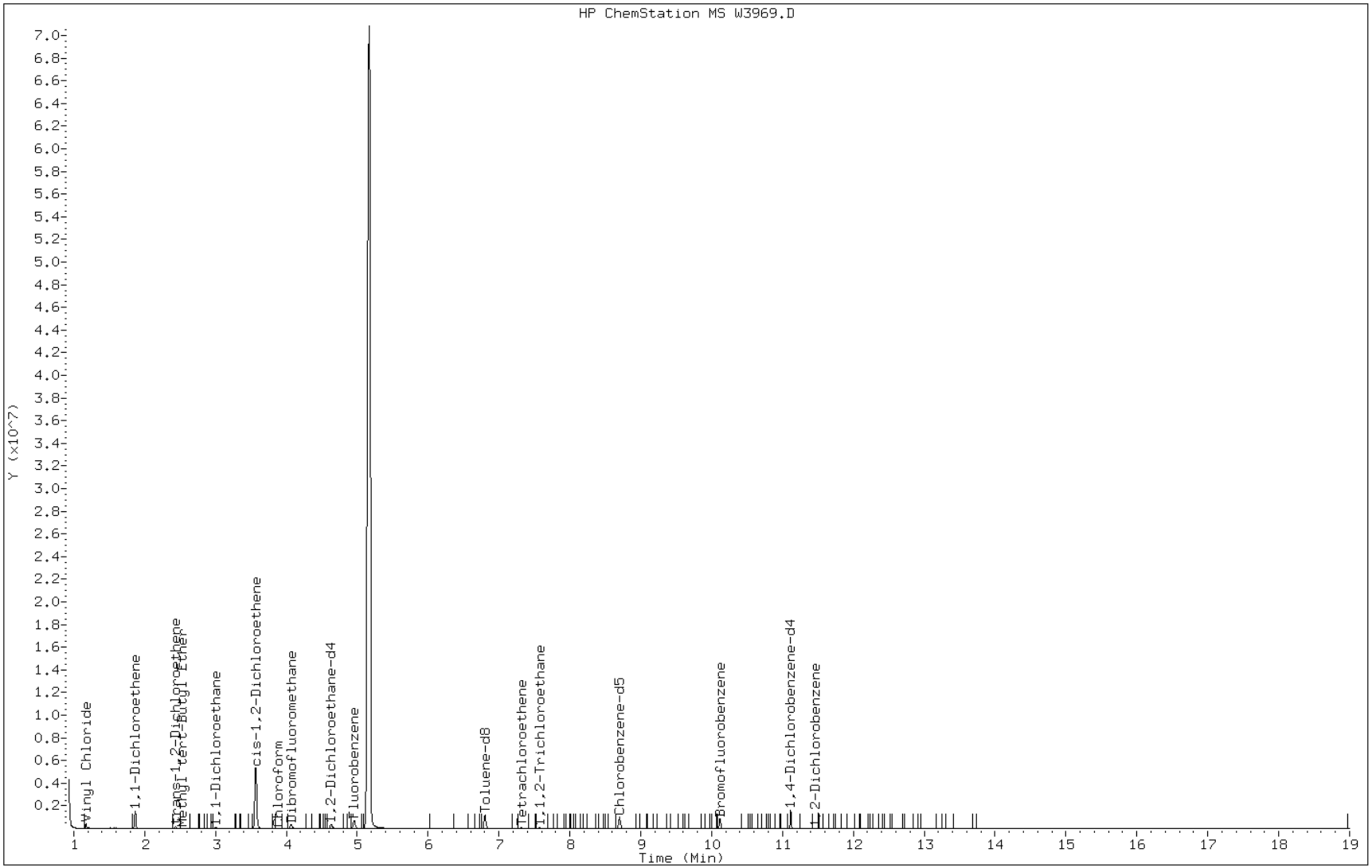
Date: 23-MAR-2009 18:43

Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-c-1

Operator: B.KOSTRZEWSKA



Data File: W3969.D

Date: 23-MAR-2009 18:43

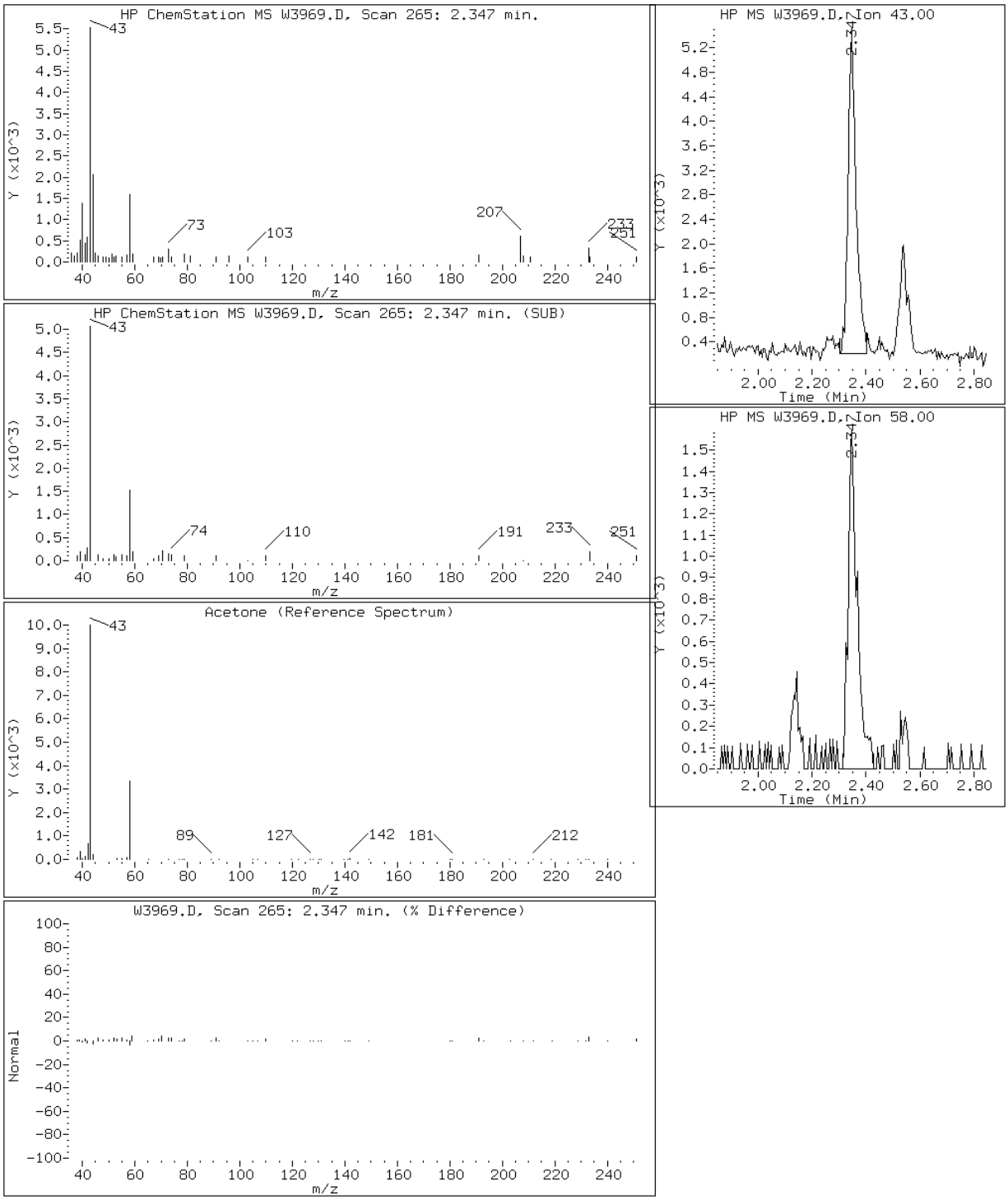
Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-c-1

Operator: B.KOSTRZEWSKA

21 Acetone



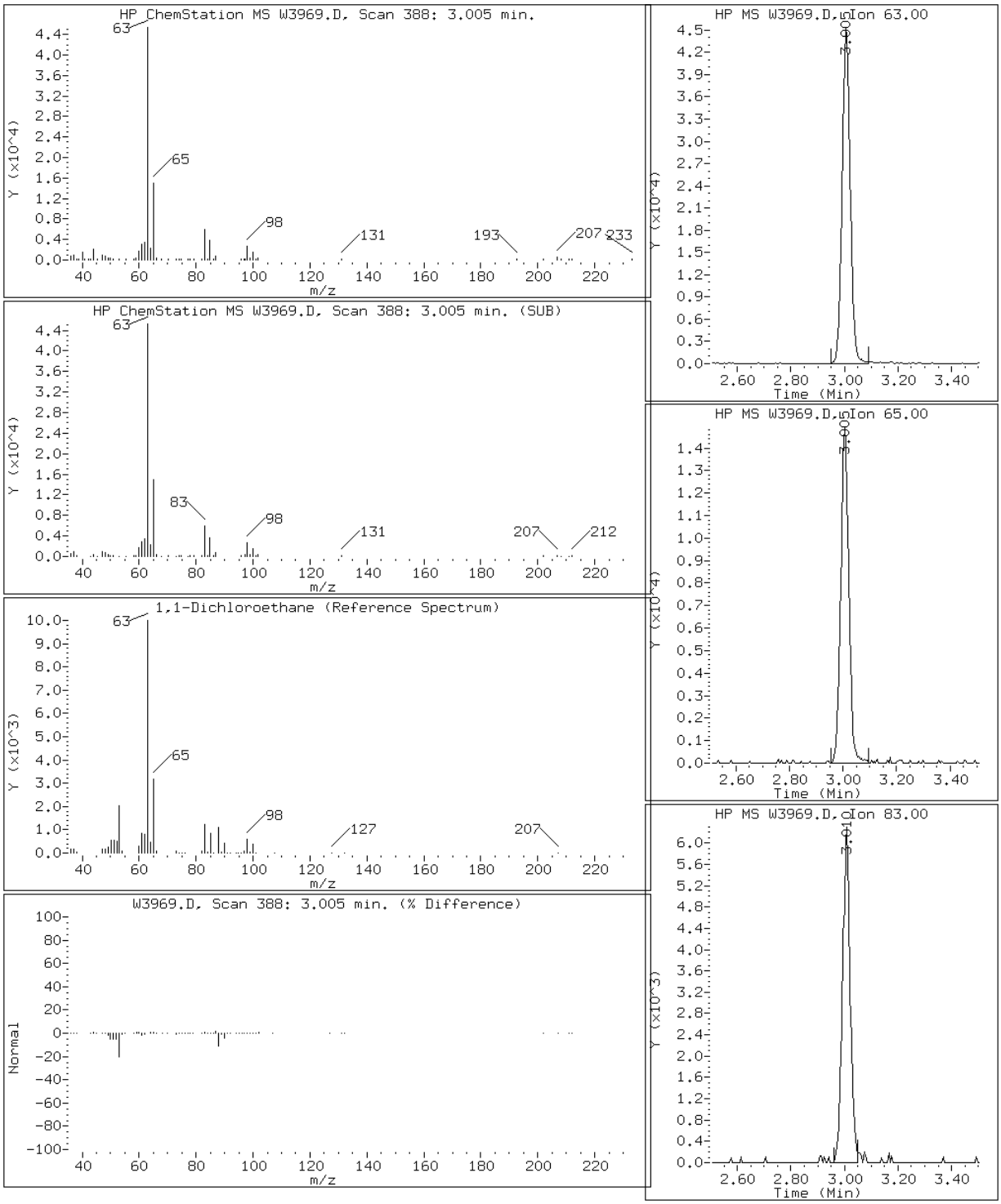
Data File: W3969.D

Date: 23-MAR-2009 18:43

Client ID: MW-34 I Instrument: msw.i

Sample Info: 220-8385-c-1 Operator: B.KOSTRZEWSKA

31 1,1-Dichloroethane



Data File: W3969.D

Date: 23-MAR-2009 18:43

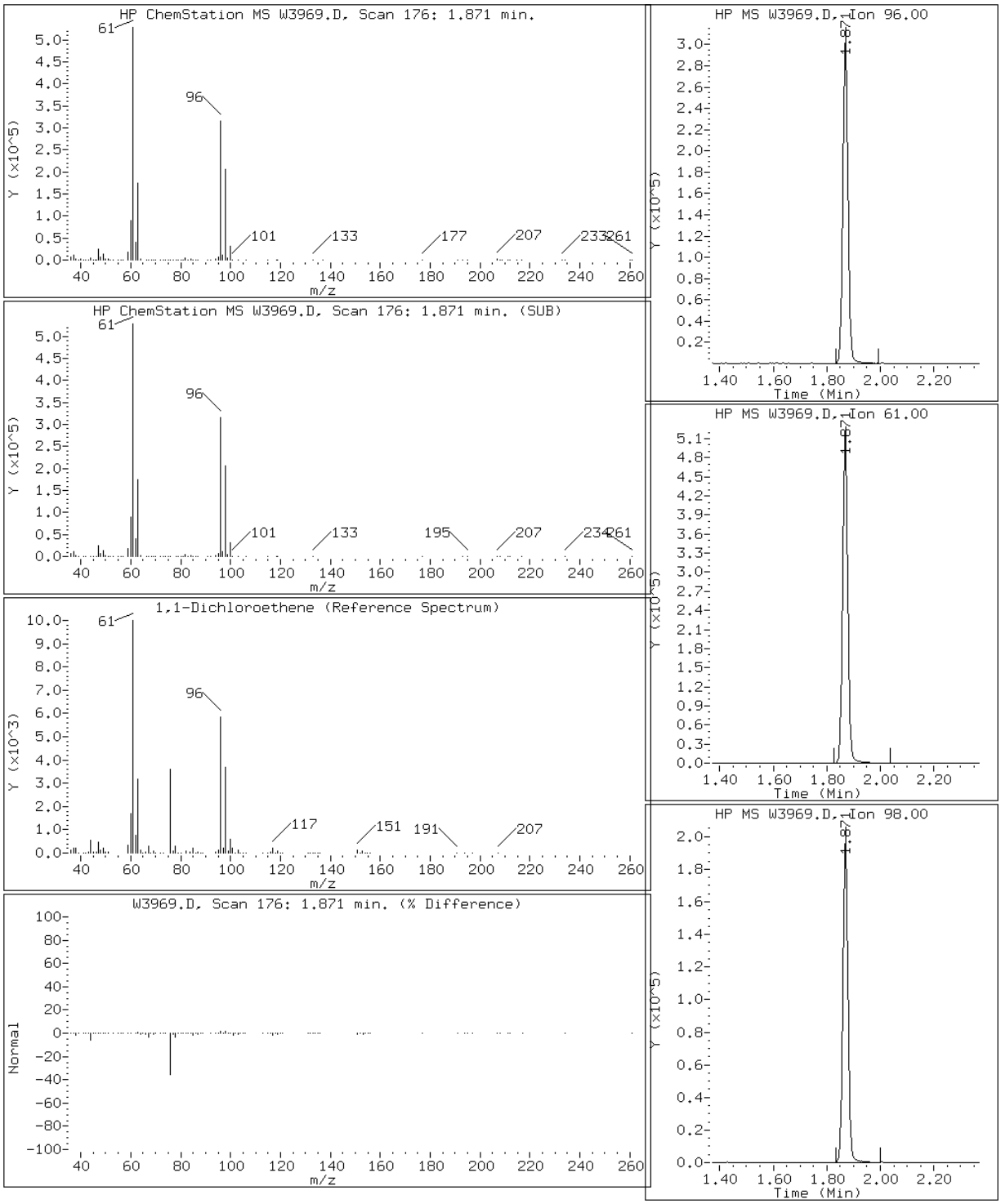
Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-c-1

Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: W3969.D

Date: 23-MAR-2009 18:43

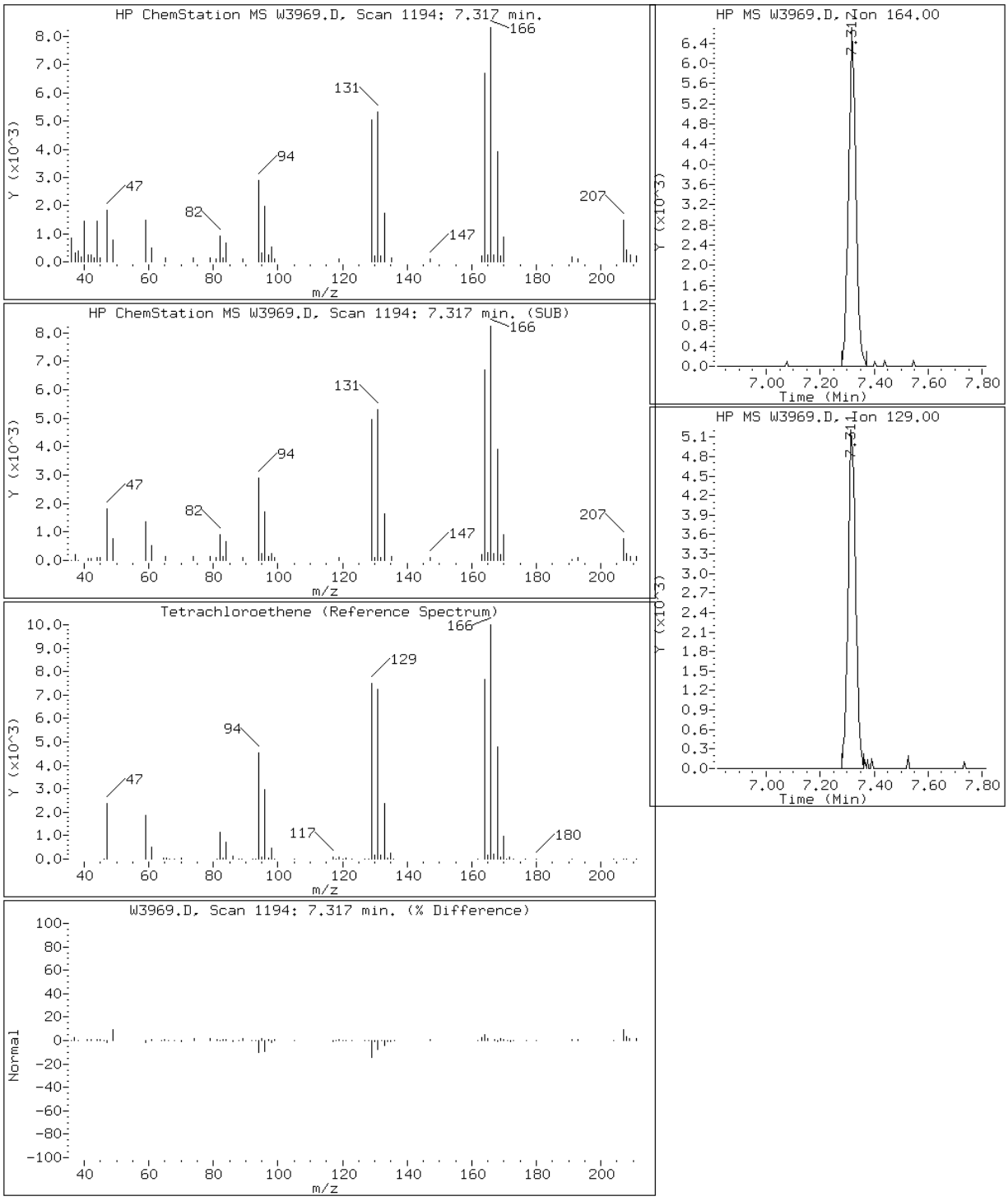
Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-c-1

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



Data File: W3969.D

Date: 23-MAR-2009 18:43

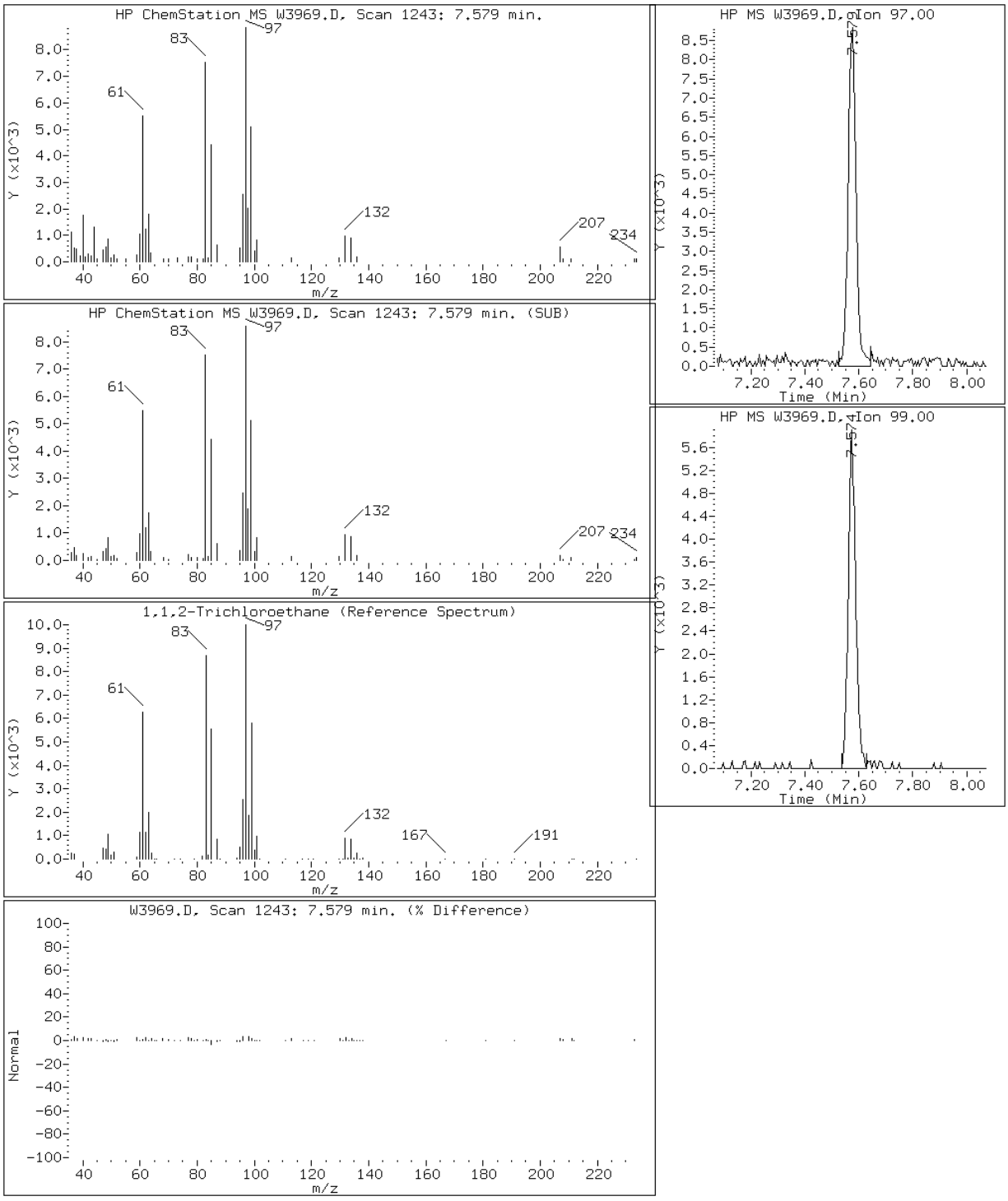
Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-c-1

Operator: B.KOSTRZEWSKA

74 1,1,2-Trichloroethane



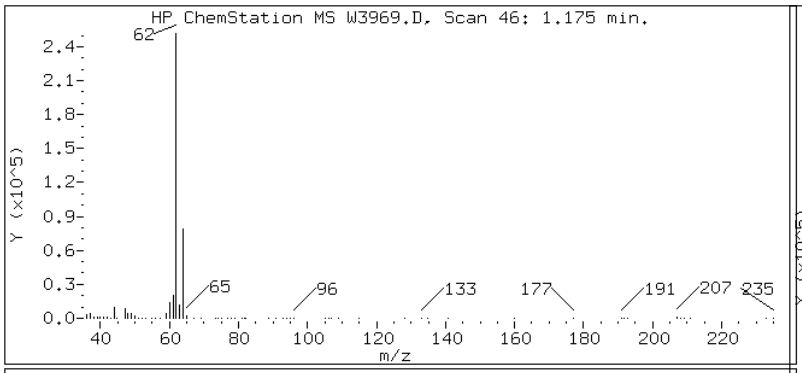
Data File: W3969.D

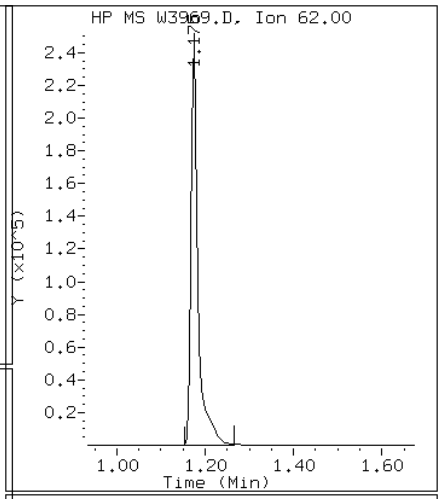
Date: 23-MAR-2009 18:43

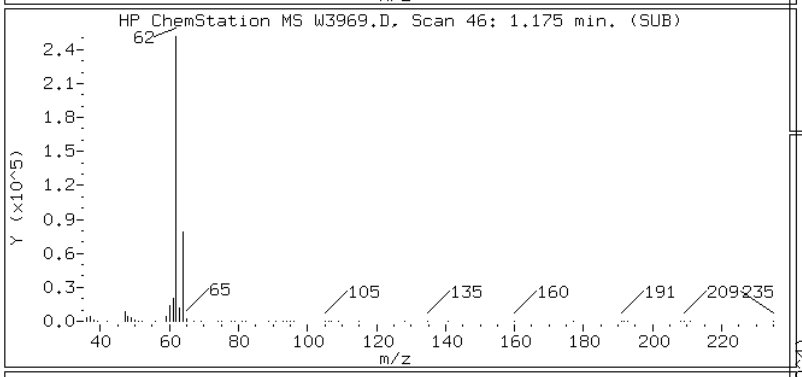
Client ID: MW-34 I Instrument: msw.i

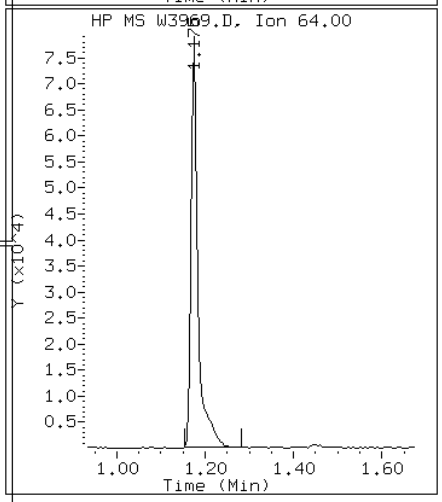
Sample Info: 220-8385-c-1 Operator: B.KOSTRZEWSKA

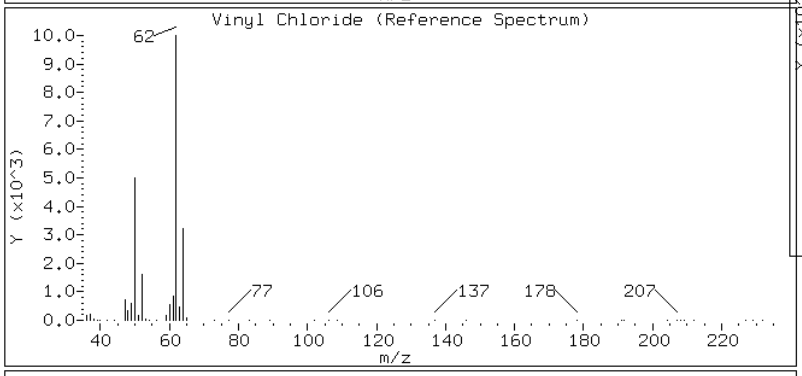
4 Vinyl Chloride

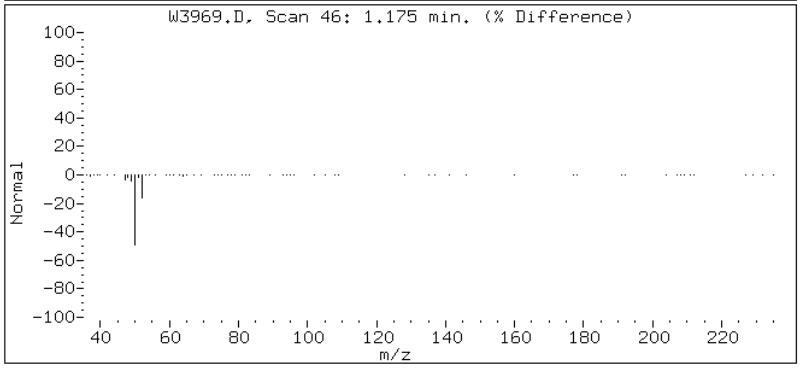












Data File: W3969.D

Date: 23-MAR-2009 18:43

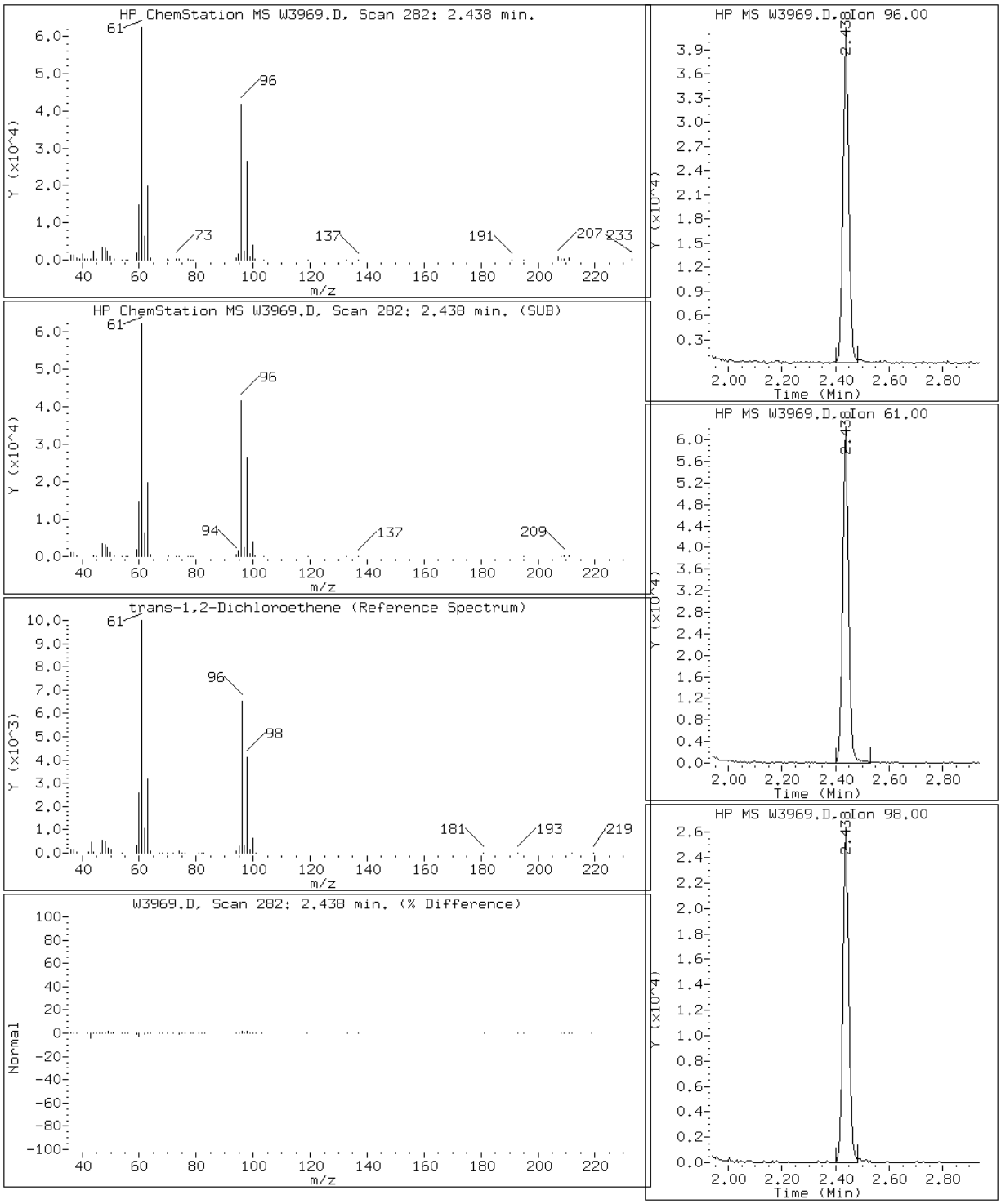
Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-c-1

Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-34 I Lab Sample ID: 220-8385-1

Matrix: Water Lab File ID: W3994.D

Analysis Method: 8260B Date Collected: 03/11/2009 09:25

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 13:45

Soil Aliquot Vol: Dilution Factor: 100

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	7200		500	62
156-59-2	cis-1,2-Dichloroethene	230	J	500	99

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115	53-125	
460-00-4	4-Bromofluorobenzene	86	73-127	
1868-53-7	Dibromofluoromethane	109	54-137	
2037-26-5	Toluene-d8 (Surr)	107	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3994.D
Lab Smp Id: 220-8385-D-1 Client Smp ID: MW-34 I
Inj Date : 24-MAR-2009 13:45 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-d-1
Misc Info : : ;;; ; 8260 ; 100 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 10
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	100.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	663546	25.0000	
	4 Vinyl Chloride	62	1.175	1.175	(0.237)	3194	0.19311	19
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	4976	0.57403	57
	21 Acetone	43	2.341	2.346	(0.472)	17197	3.52905	350
	22 trans-1,2-Dichloroethene	96	2.443	2.437	(0.493)	1430	0.15348	15(M)
	31 1,1-Dichloroethane	63	3.004	3.010	(0.606)	2148	0.11842	12(M)
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	25338	2.26592	230
	38 Chloroform	83	3.871	3.876	(0.781)	3153	0.17888	18
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	220367	27.3451	27
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	278976	28.8452	29
	60 Trichloroethene	130	5.150	5.150	(1.039)	750166	72.1256	7200
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	582624	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	808804	26.7357	27
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	303863	25.0000	
$	125 Bromofluorobenzene	95	10.119	10.114	(0.910)	234291	21.4384	21
M	126 1,2-Dichloroethene (total)	100				26768	2.41940	240

QC Flag Legend

M - Compound response manually integrated.

Data File: W3994.D

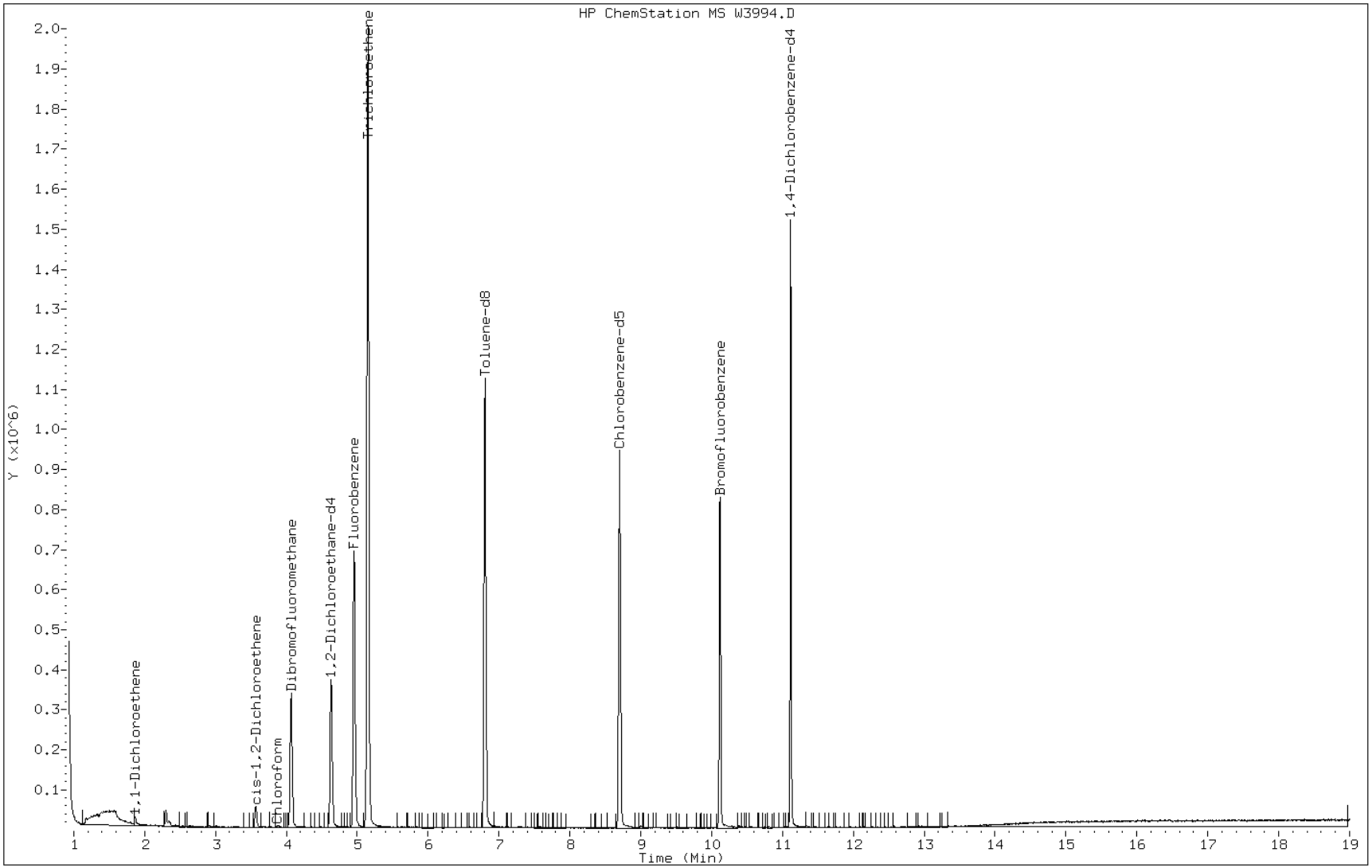
Date: 24-MAR-2009 13:45

Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-d-1

Operator: B.KOSTRZEWSKA



Data File: W3994.D

Date: 24-MAR-2009 13:45

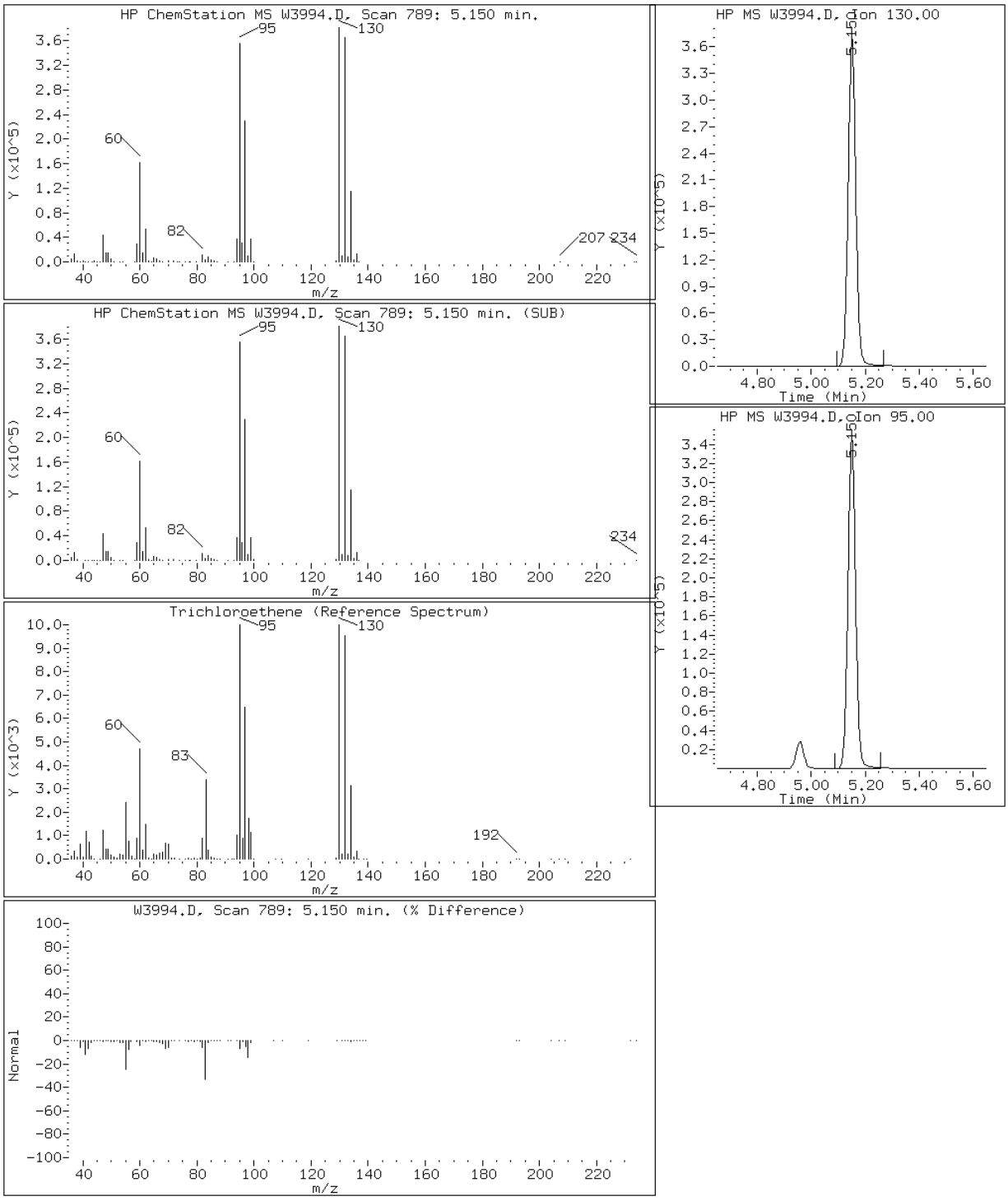
Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-d-1

Operator: B.KOSTRZEWSKA

60 Trichloroethene



Data File: W3994.D

Date: 24-MAR-2009 13:45

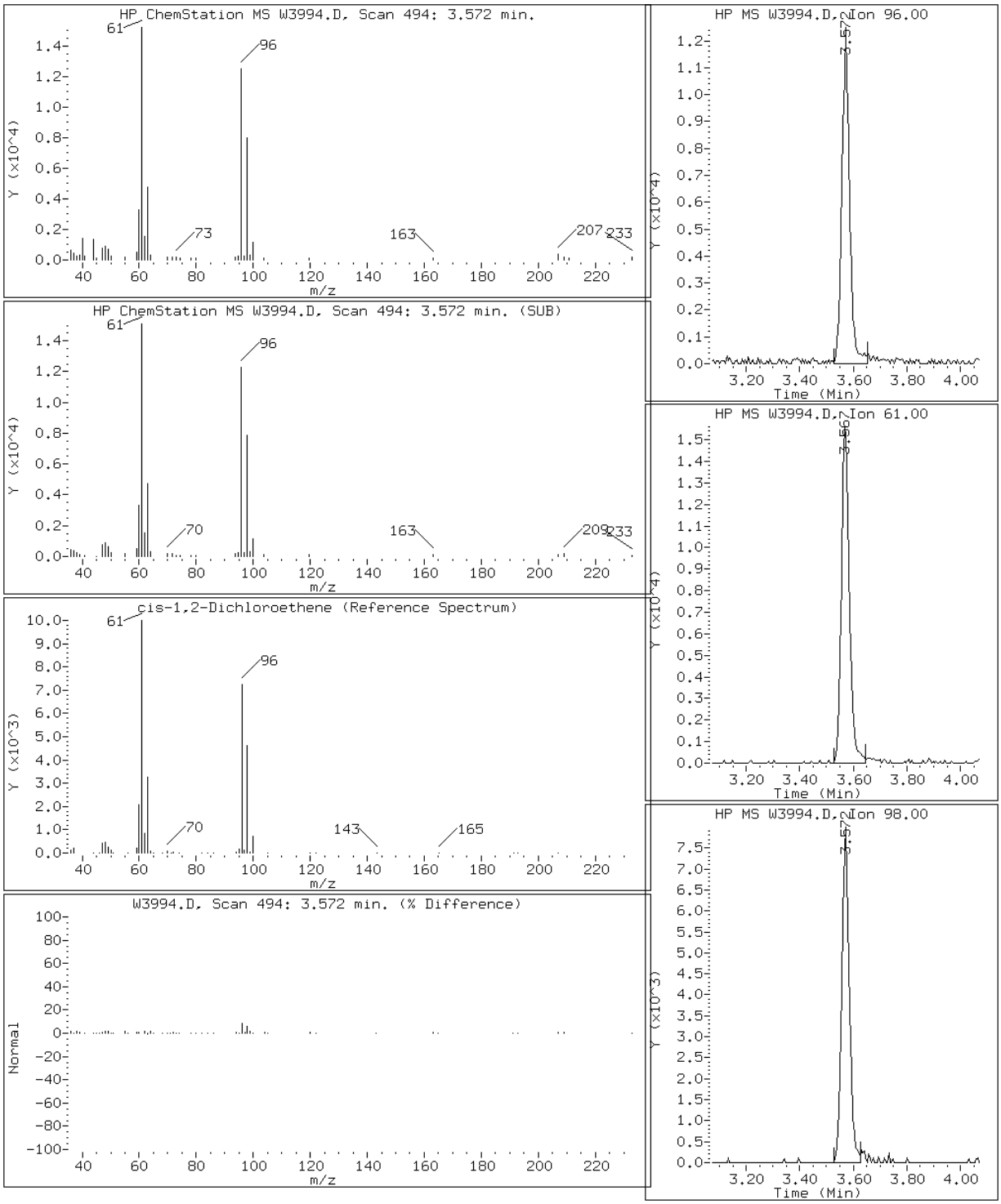
Client ID: MW-34 I

Instrument: msw.i

Sample Info: 220-8385-d-1

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-34 S Lab Sample ID: 220-8385-2

Matrix: Water Lab File ID: W3990.D

Analysis Method: 8260B Date Collected: 03/11/2009 10:10

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 11:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.2	J B	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U *	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-34 S Lab Sample ID: 220-8385-2

Matrix: Water Lab File ID: W3990.D

Analysis Method: 8260B Date Collected: 03/11/2009 10:10

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 11:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111	53-125	
460-00-4	4-Bromofluorobenzene	89	73-127	
1868-53-7	Dibromofluoromethane	106	54-137	
2037-26-5	Toluene-d8 (Surr)	106	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3990.D
Lab Smp Id: 220-8385-D-2 Client Smp ID: MW-34 S
Inj Date : 24-MAR-2009 11:58 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-d-2
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	704658	25.0000	
	21 Acetone	43	2.346	2.346	(0.473)	6025	1.16427	1
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	227632	26.5986	26
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	285715	27.8184	28
	60 Trichloroethene	130	5.155	5.150	(1.040)	1298	0.11752	0.1
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	615013	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	842305	26.3768	26
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	311874	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	248511	22.1554	22

Data File: W3990.D

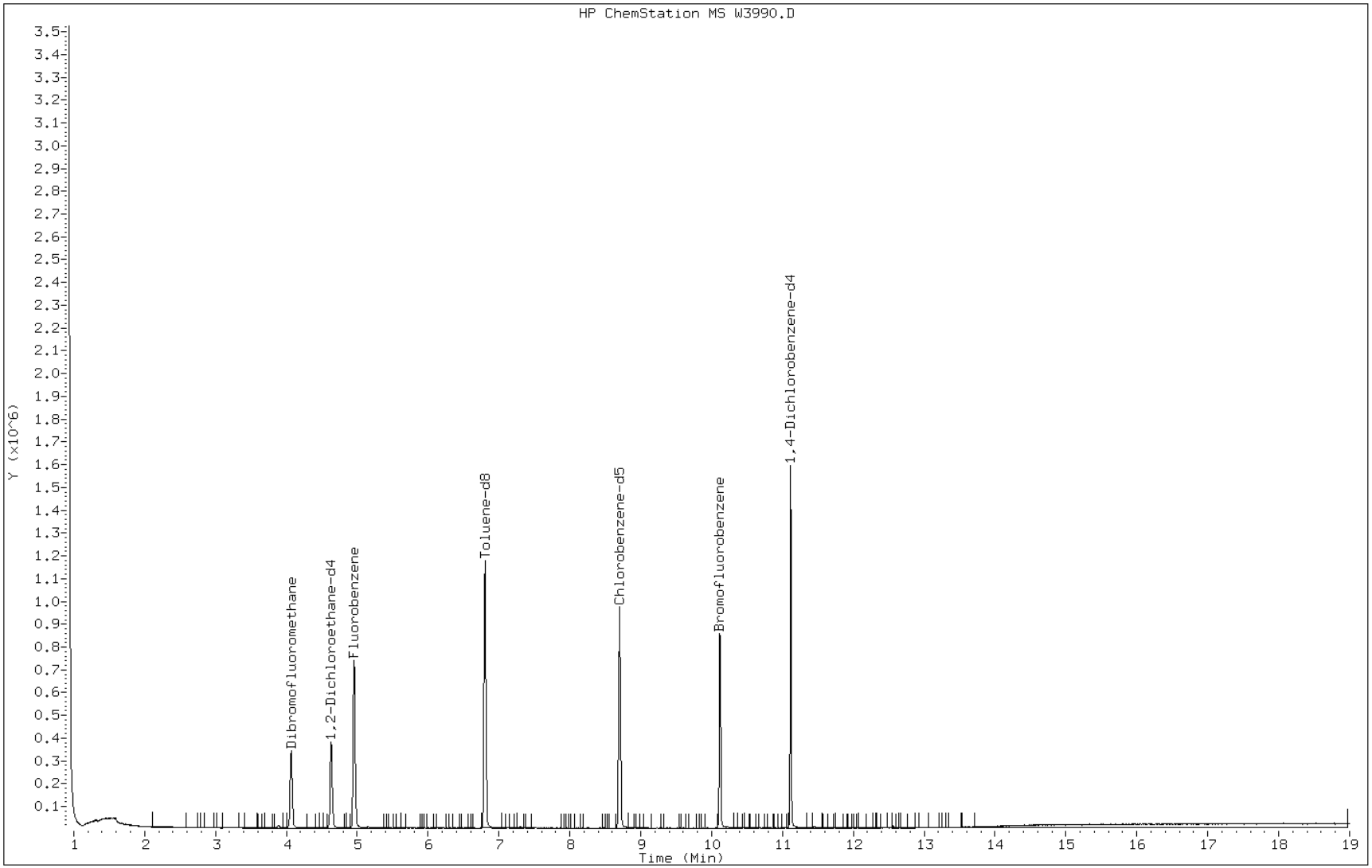
Date: 24-MAR-2009 11:58

Client ID: MW-34 S

Instrument: msw.i

Sample Info: 220-8385-d-2

Operator: B.KOSTRZEWSKA



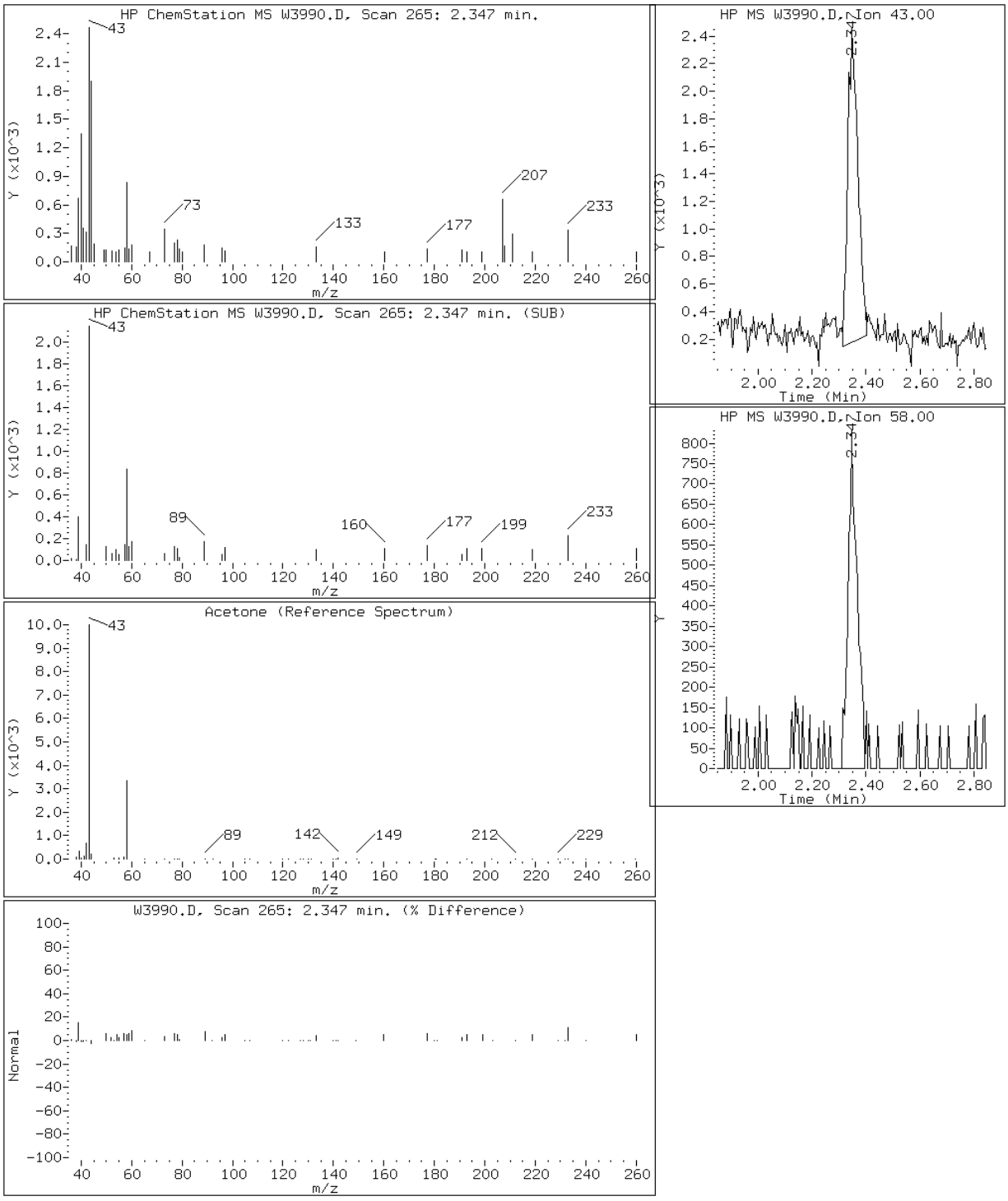
Data File: W3990.D

Date: 24-MAR-2009 11:58

Client ID: MW-34 S Instrument: msw.i

Sample Info: 220-8385-d-2 Operator: B.KOSTRZEWSKA

21 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-7 Lab Sample ID: 220-8385-3

Matrix: Water Lab File ID: W3971.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:15

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 19:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.0	J B	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	39		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	33		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-7 Lab Sample ID: 220-8385-3

Matrix: Water Lab File ID: W3971.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:15

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 19:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	53-125	
460-00-4	4-Bromofluorobenzene	77	73-127	
1868-53-7	Dibromofluoromethane	90	54-137	
2037-26-5	Toluene-d8 (Surr)	90	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W3971.D
Lab Smp Id: 220-8385-D-3 Client Smp ID: OW-7
Inj Date : 23-MAR-2009 19:37 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-d-3
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W8260LOW.m
Meth Date : 23-Mar-2009 09:28 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

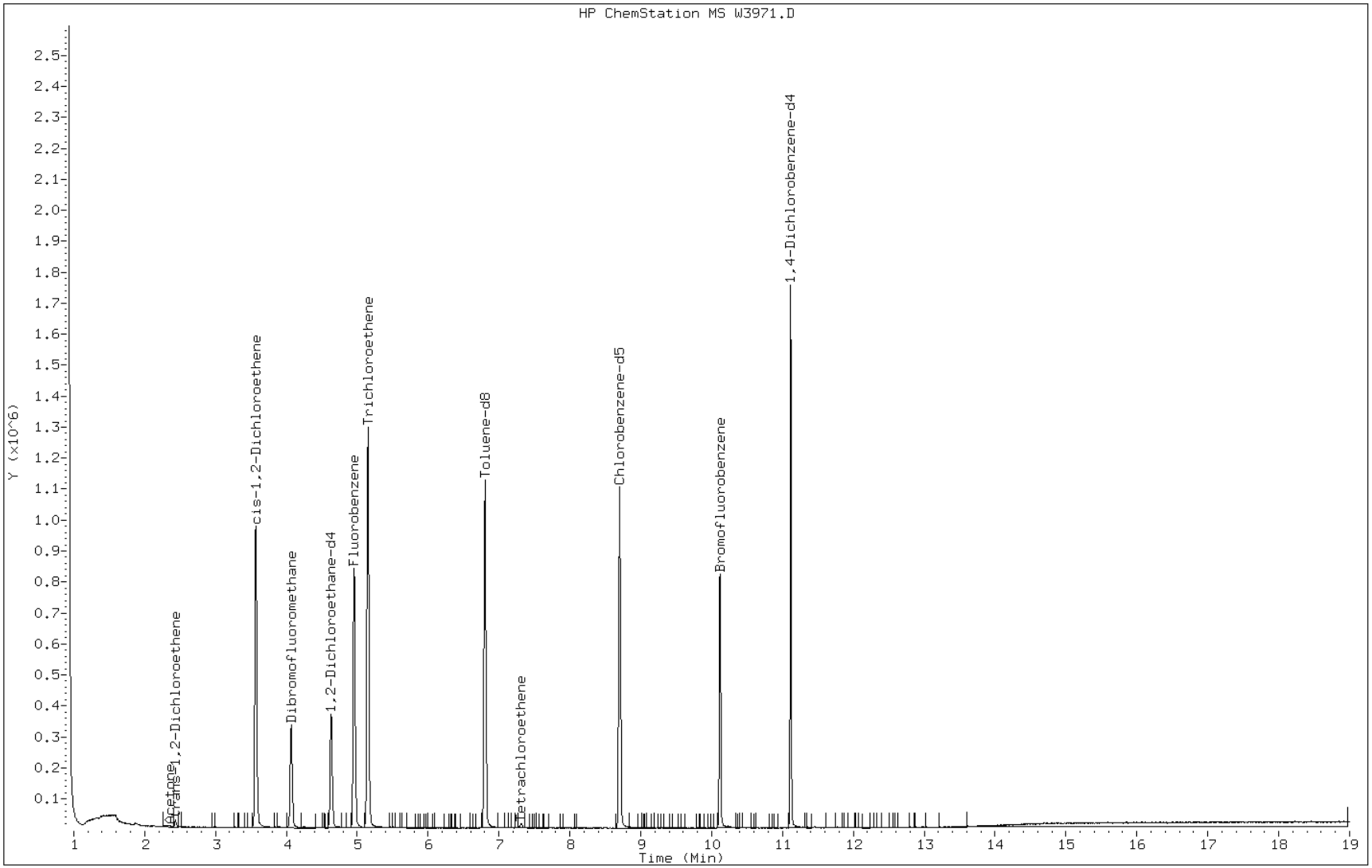
		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	802140	25.0000	
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	1953	0.11387	0.1
	21 Acetone	43	2.346	2.346	(0.473)	6113	1.03772	1
	22 trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	7239	0.64271	0.6
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	450504	33.3267	33
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	219537	22.5352	22
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	278027	23.7802	24
	60 Trichloroethene	130	5.150	5.155	(1.039)	486539	38.6964	39
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	689374	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	801001	22.3777	22
	80 Tetrachloroethene	164	7.316	7.316	(0.841)	3199	0.15691	0.2
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	347363	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	239155	19.1430	19
M	126 1,2-Dichloroethene (total)	100				457743	33.9694	34

Data File: W3971.D

Date: 23-MAR-2009 19:37

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8385-d-3 Operator: B.KOSTRZEWSKA



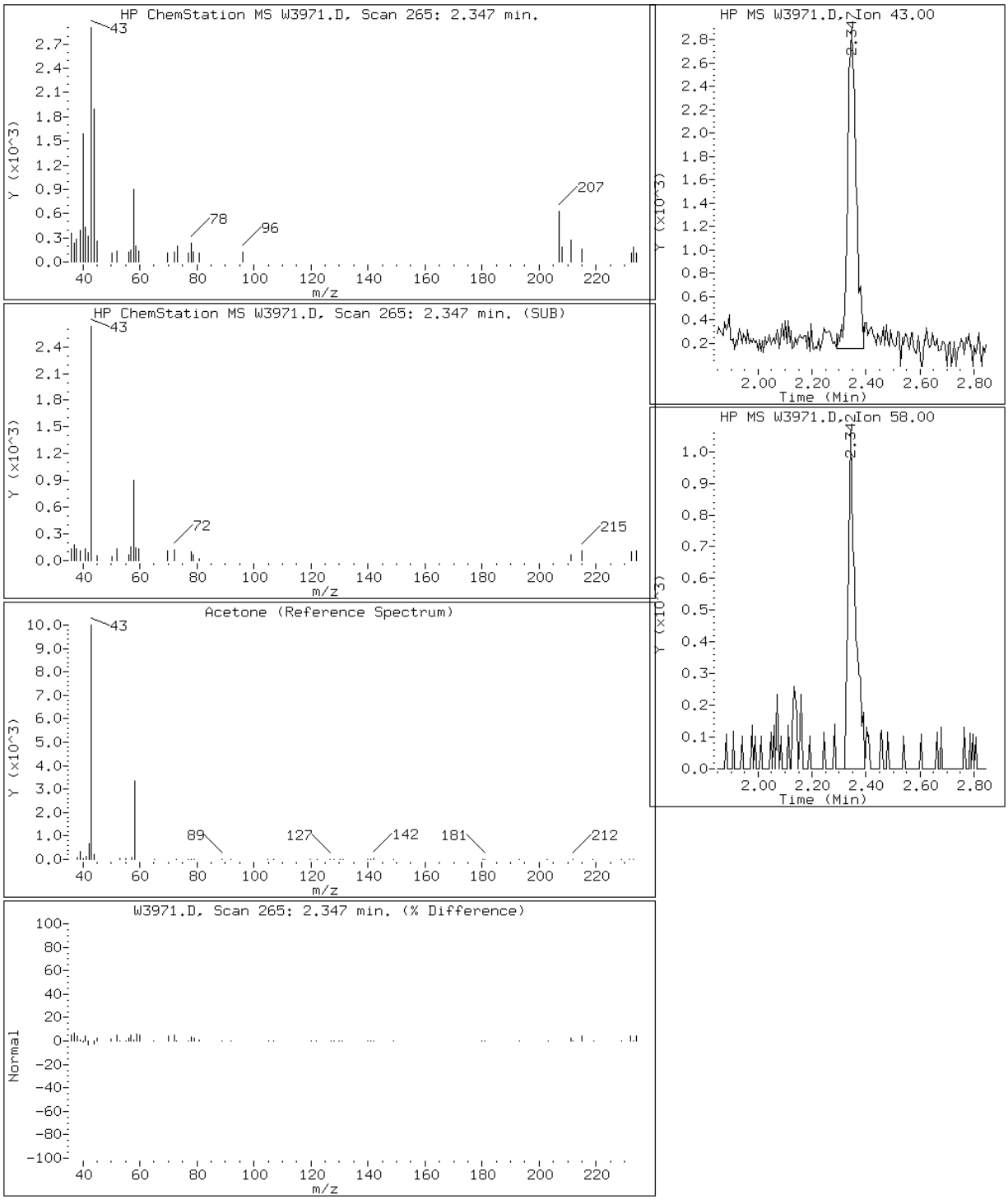
Data File: W3971.D

Date: 23-MAR-2009 19:37

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8385-d-3 Operator: B.KOSTRZEWSKA

21 Acetone



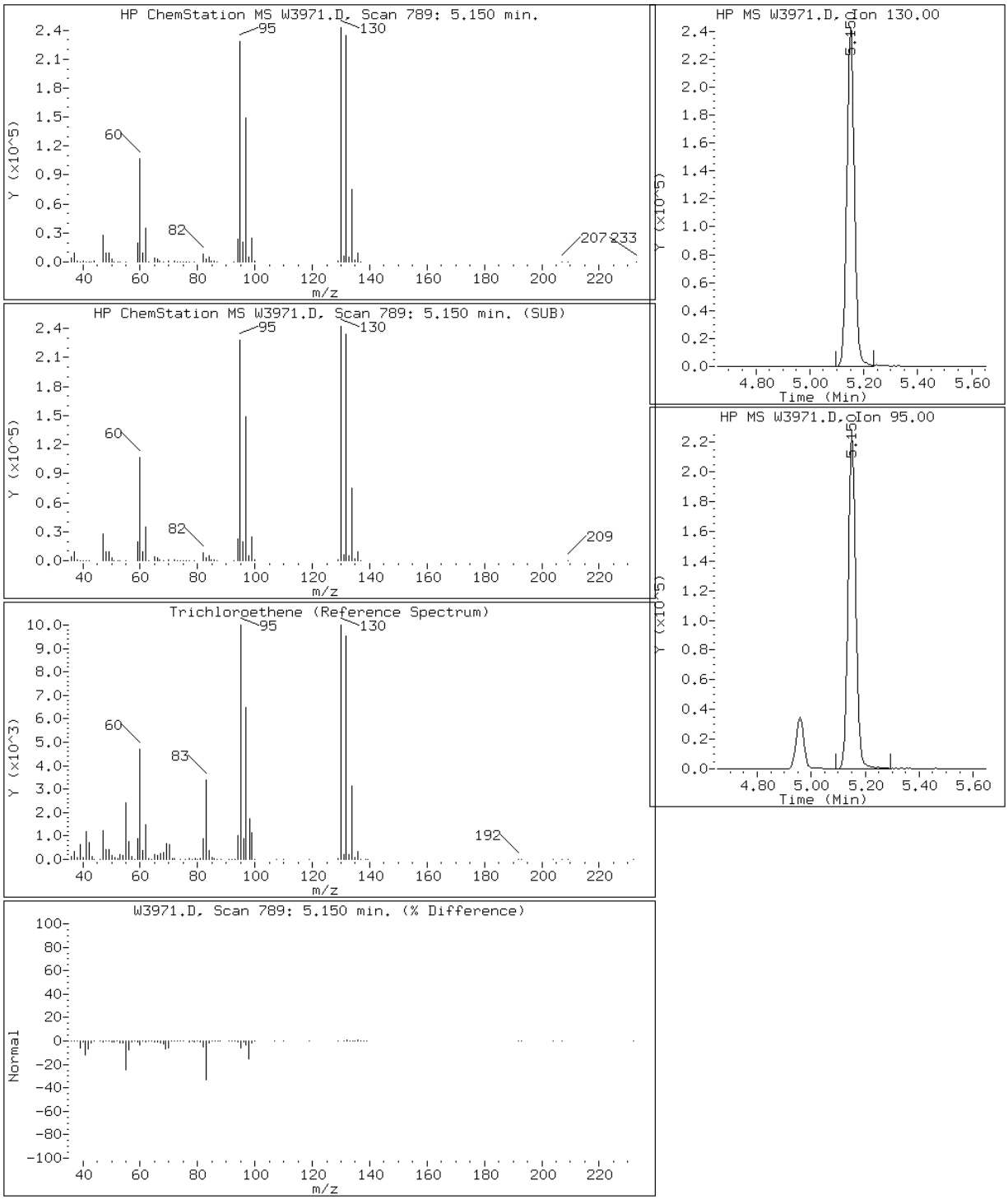
Data File: W3971.D

Date: 23-MAR-2009 19:37

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8385-d-3 Operator: B.KOSTRZEWSKA

60 Trichloroethene



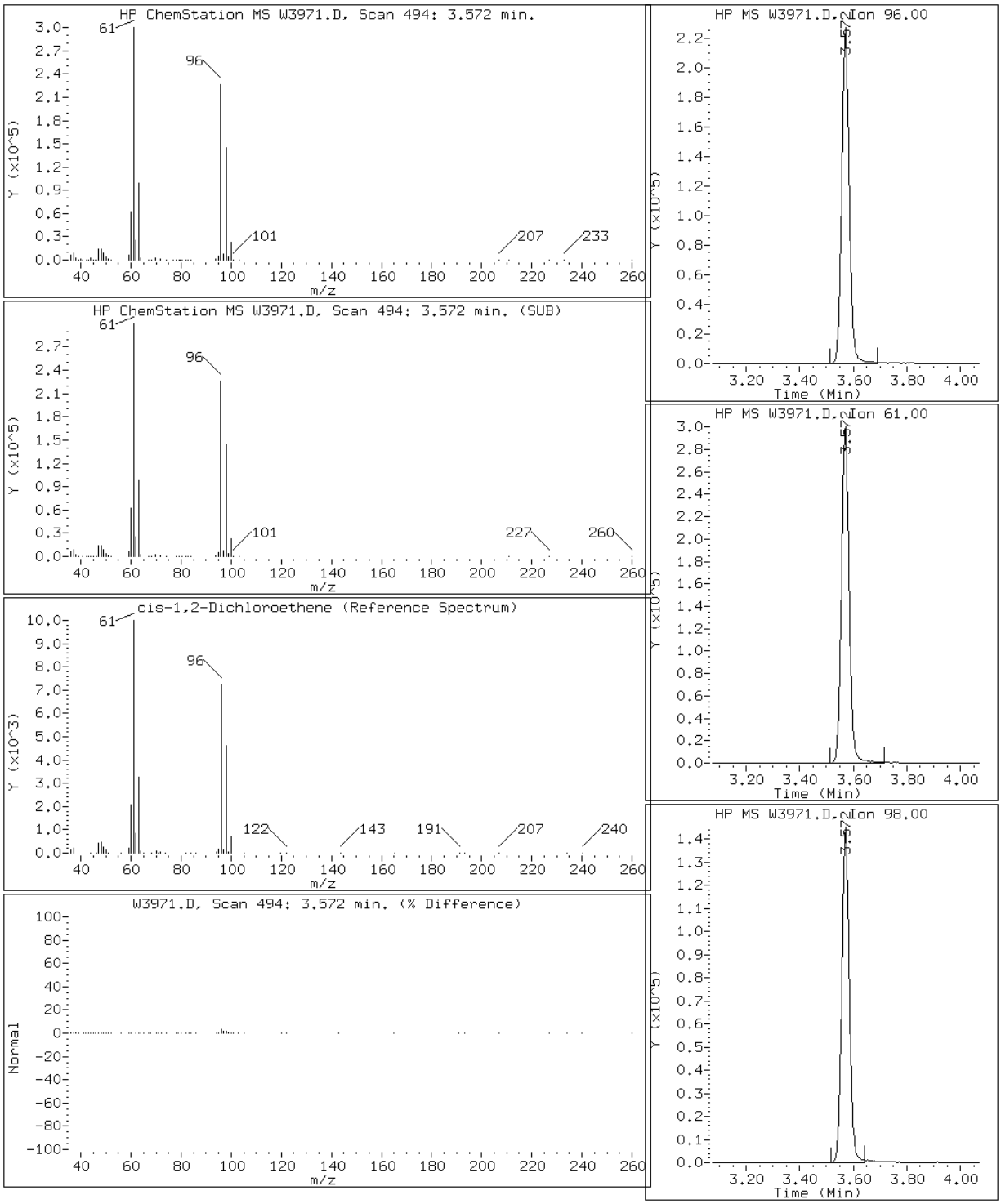
Data File: W3971.D

Date: 23-MAR-2009 19:37

Client ID: OW-7 Instrument: msw.i

Sample Info: 220-8385-d-3 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: DUP-031109 Lab Sample ID: 220-8385-4

Matrix: Water Lab File ID: W3972.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:20

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 20:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	45		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	39		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: DUP-031109 Lab Sample ID: 220-8385-4

Matrix: Water Lab File ID: W3972.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:20

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 20:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	105	54-137	
2037-26-5	Toluene-d8 (Surr)	104	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W3972.D
Lab Smp Id: 220-8385-C-4 Client Smp ID: DUP-031109
Inj Date : 23-MAR-2009 20:03 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-c-4
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W8260LOW.m
Meth Date : 23-Mar-2009 09:28 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	679740	25.0000	
	14 1,1-Dichloroethene	96	1.865	1.870	(0.376)	2520	0.22950	0.2
	21 Acetone	43	2.341	2.346	(0.472)	4752	0.95194	1.0(M)
	22 trans-1,2-Dichloroethene	96	2.443	2.437	(0.493)	6944	0.72754	0.7
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	451094	39.3793	39
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	215905	26.1531	26
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	278126	28.0722	28
	60 Trichloroethene	130	5.150	5.155	(1.039)	479965	45.0474	45
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	587103	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	794433	26.0604	26
	80 Tetrachloroethene	164	7.311	7.316	(0.840)	2928	0.18157	0.2
*	95 1,4-Dichlorobenzene-d4	152	11.114	11.115	(1.000)	298033	25.0000	
$	125 Bromofluorobenzene	95	10.119	10.114	(0.910)	234204	21.8496	22
M	126 1,2-Dichloroethene (total)	100				458038	40.1068	40

QC Flag Legend

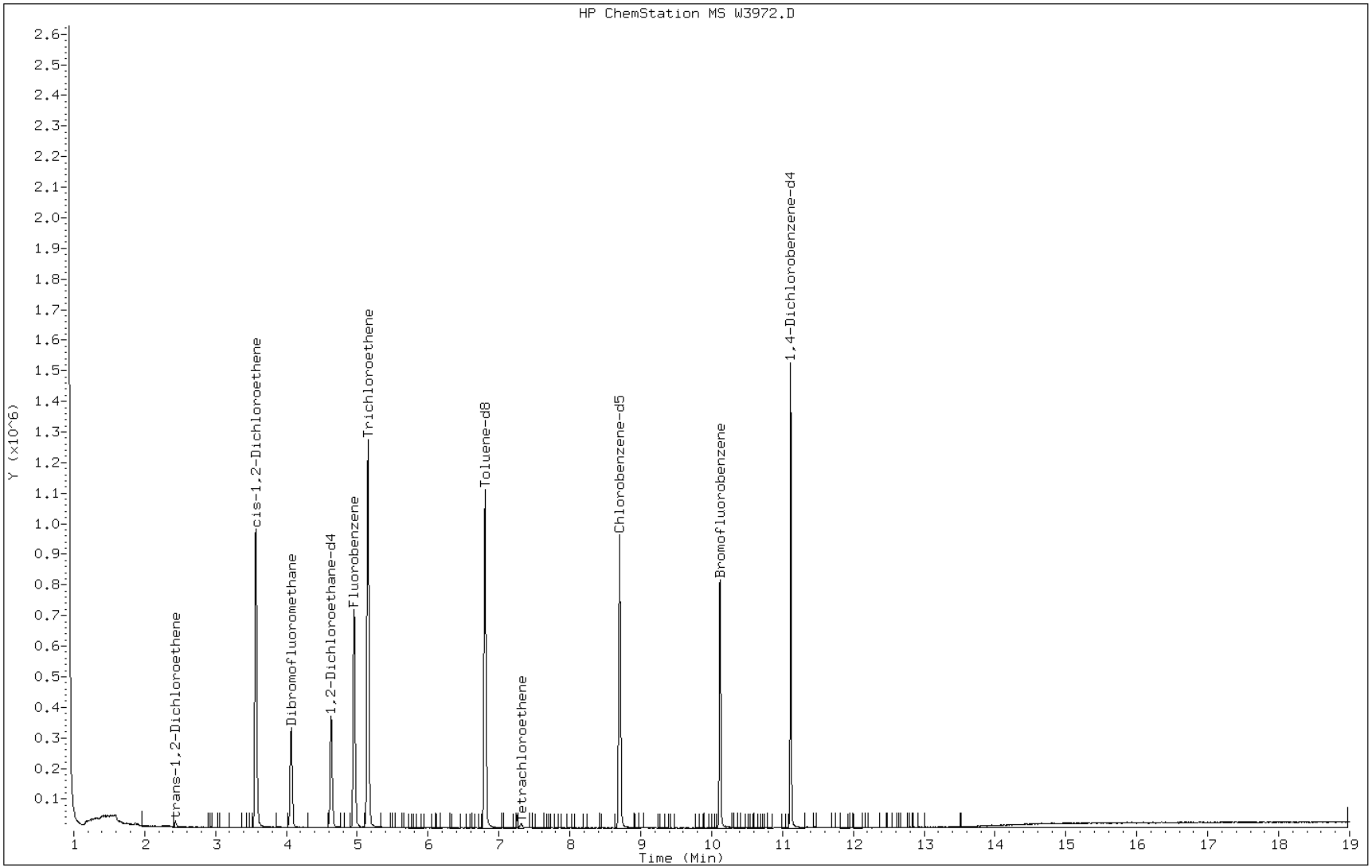
M - Compound response manually integrated.

Data File: W3972.D

Date: 23-MAR-2009 20:03

Client ID: DUP-031109 Instrument: msw.i

Sample Info: 220-8385-c-4 Operator: B.KOSTRZEWSKA



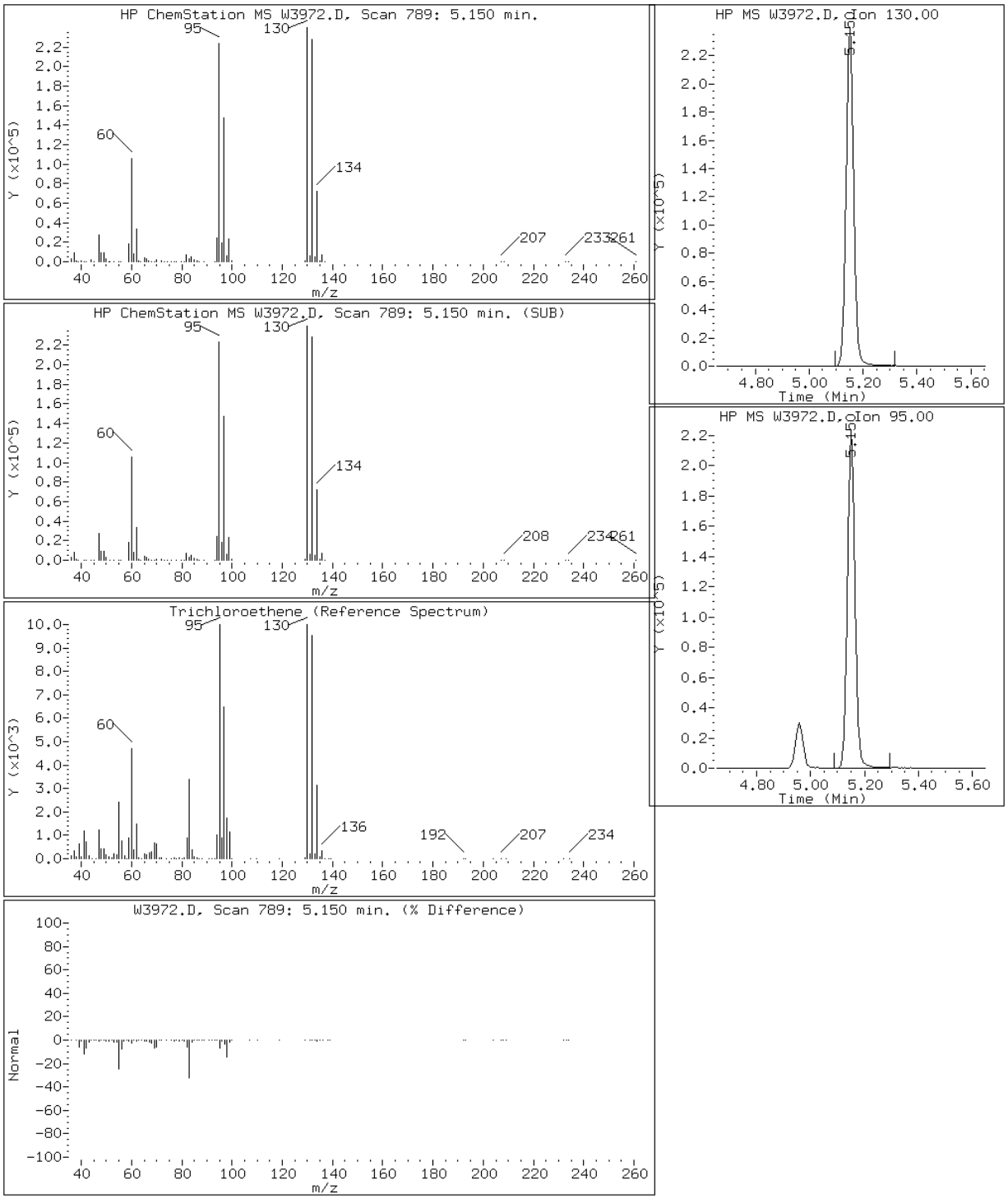
Data File: W3972.D

Date: 23-MAR-2009 20:03

Client ID: DUP-031109 Instrument: msw.i

Sample Info: 220-8385-c-4 Operator: B.KOSTRZEWSKA

60 Trichloroethene



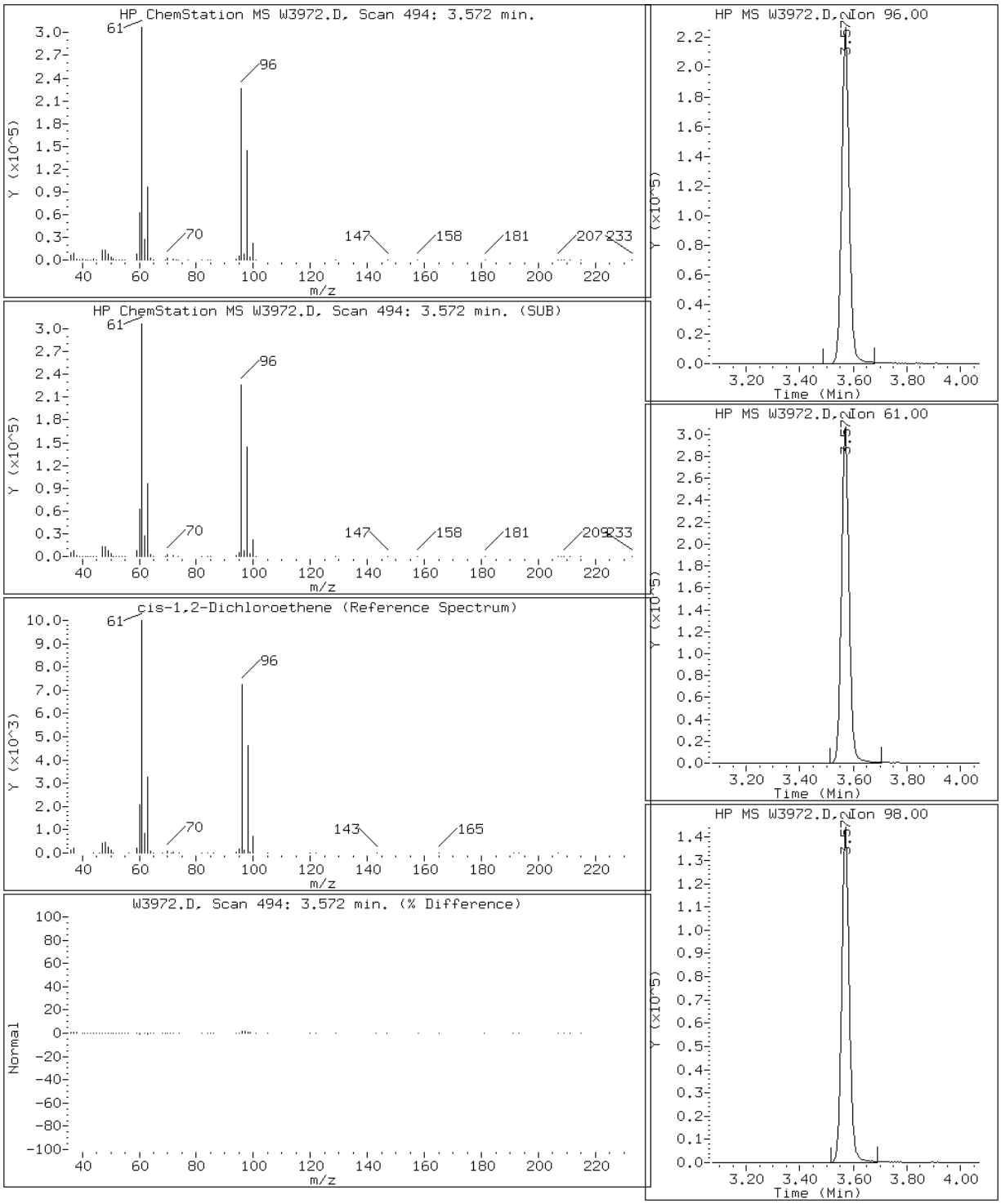
Data File: W3972.D

Date: 23-MAR-2009 20:03

Client ID: DUP-031109 Instrument: msw.i

Sample Info: 220-8385-c-4 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-26 S | Lab Sample ID: 220-8385-5

Matrix: Water | Lab File ID: W3973.D

Analysis Method: 8260B | Date Collected: 03/11/2009 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 03/23/2009 20:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25453 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.2	J B	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U *	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.1	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	0.86	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-26 S Lab Sample ID: 220-8385-5

Matrix: Water Lab File ID: W3973.D

Analysis Method: 8260B Date Collected: 03/11/2009 12:20

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 20:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112	53-125	
460-00-4	4-Bromofluorobenzene	88	73-127	
1868-53-7	Dibromofluoromethane	107	54-137	
2037-26-5	Toluene-d8 (Surr)	104	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W3973.D
Lab Smp Id: 220-8385-D-5 Client Smp ID: MW-26 S
Inj Date : 23-MAR-2009 20:30 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-d-5
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W8260LOW.m
Meth Date : 23-Mar-2009 09:28 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	672883	25.0000	
	21 Acetone	43	2.341	2.346	(0.472)	5866	1.18708	1
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	218965	26.7941	27
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	275790	28.1201	28
	60 Trichloroethene	130	5.155	5.155	(1.040)	9113	0.86402	0.9
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	582062	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	782873	25.9036	26
	80 Tetrachloroethene	164	7.322	7.316	(0.841)	10546	1.11550	1
*	95 1,4-Dichlorobenzene-d4	152	11.114	11.115	(1.000)	297934	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	234795	21.9120	22

Data File: W3973.D

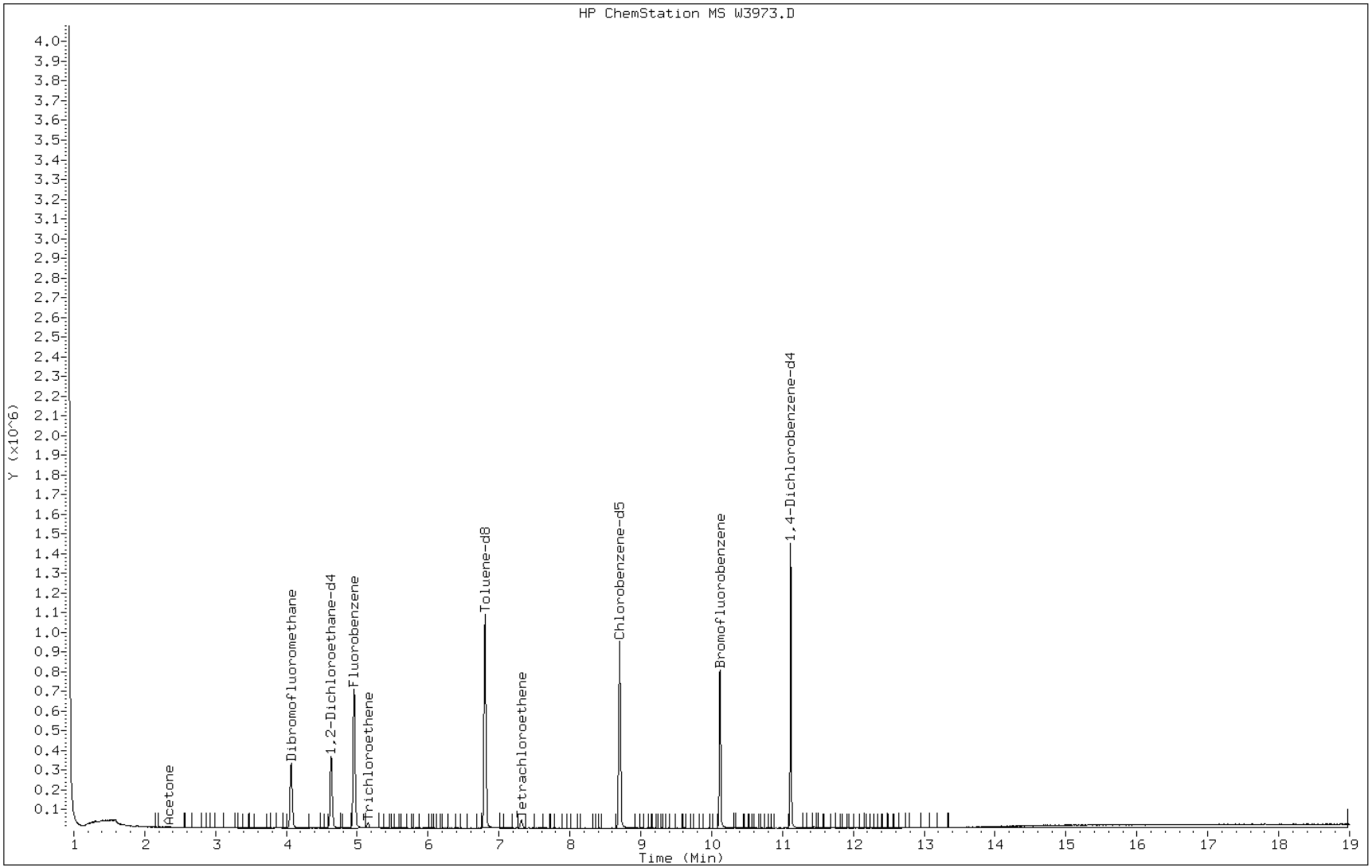
Date: 23-MAR-2009 20:30

Client ID: MW-26 S

Instrument: msw.i

Sample Info: 220-8385-d-5

Operator: B.KOSTRZEWSKA



Data File: W3973.D

Date: 23-MAR-2009 20:30

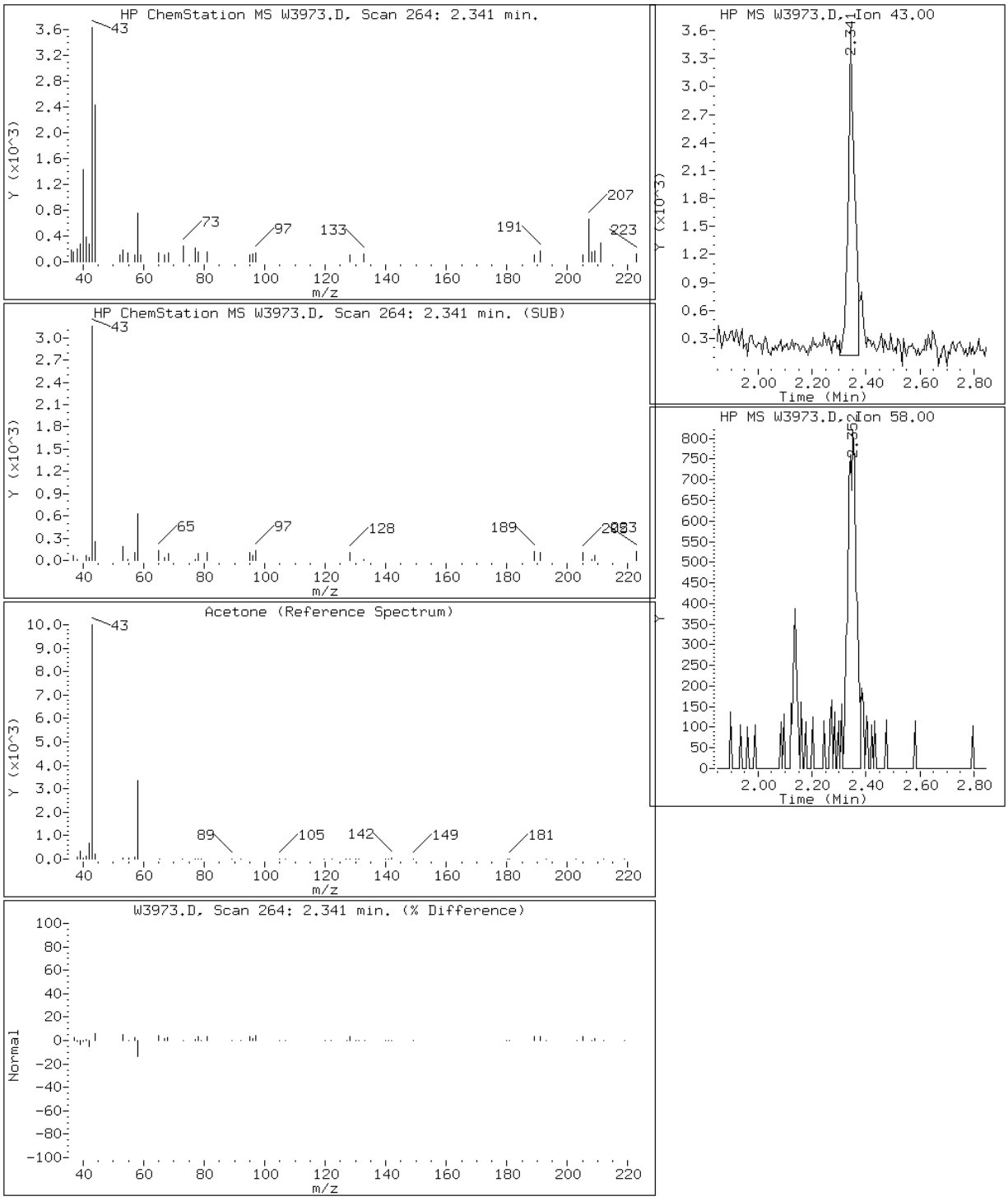
Client ID: MW-26 S

Instrument: msw.i

Sample Info: 220-8385-d-5

Operator: B.KOSTRZEWSKA

21 Acetone



Data File: W3973.D

Date: 23-MAR-2009 20:30

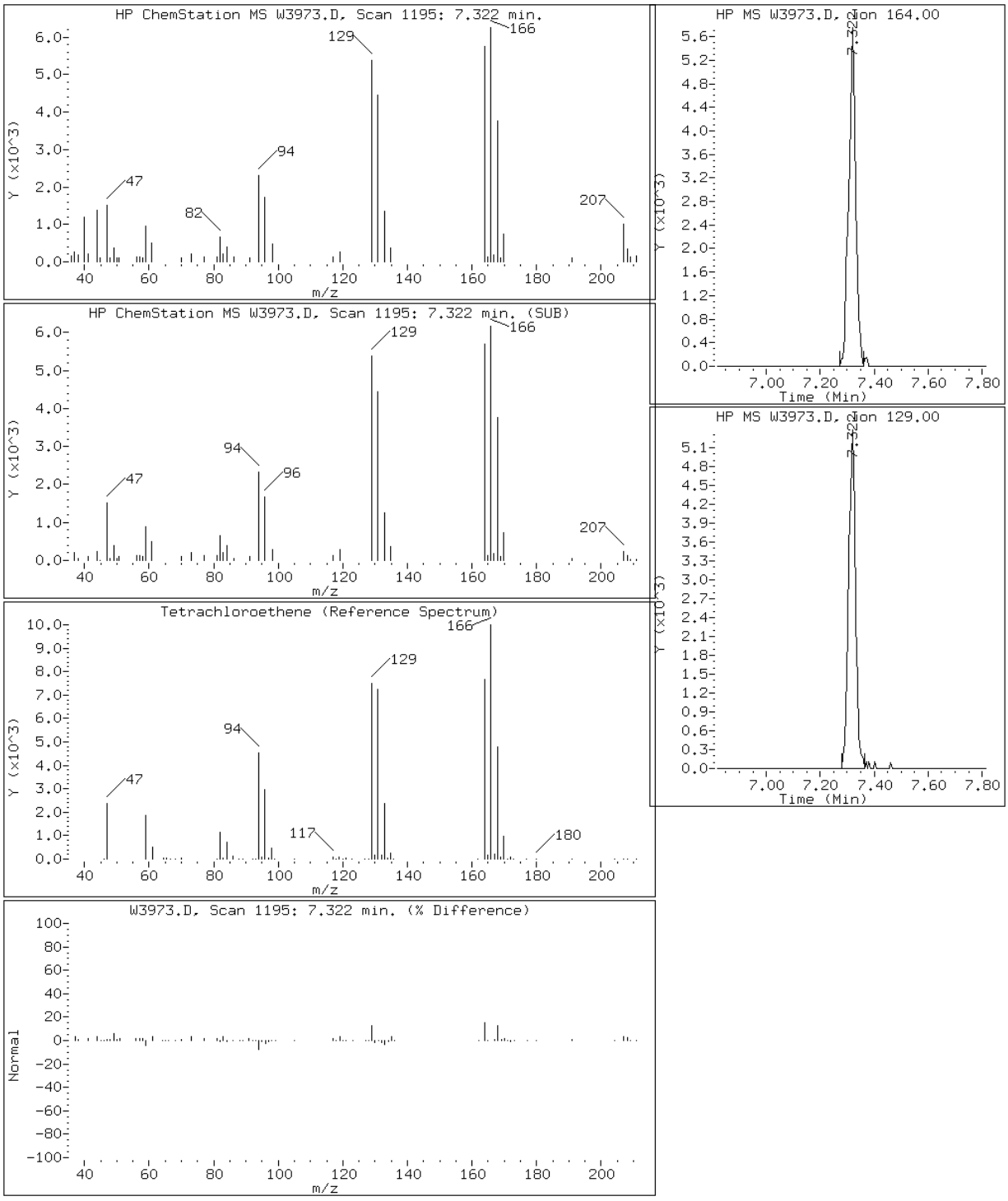
Client ID: MW-26 S

Instrument: msw.i

Sample Info: 220-8385-d-5

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



Data File: W3973.D

Date: 23-MAR-2009 20:30

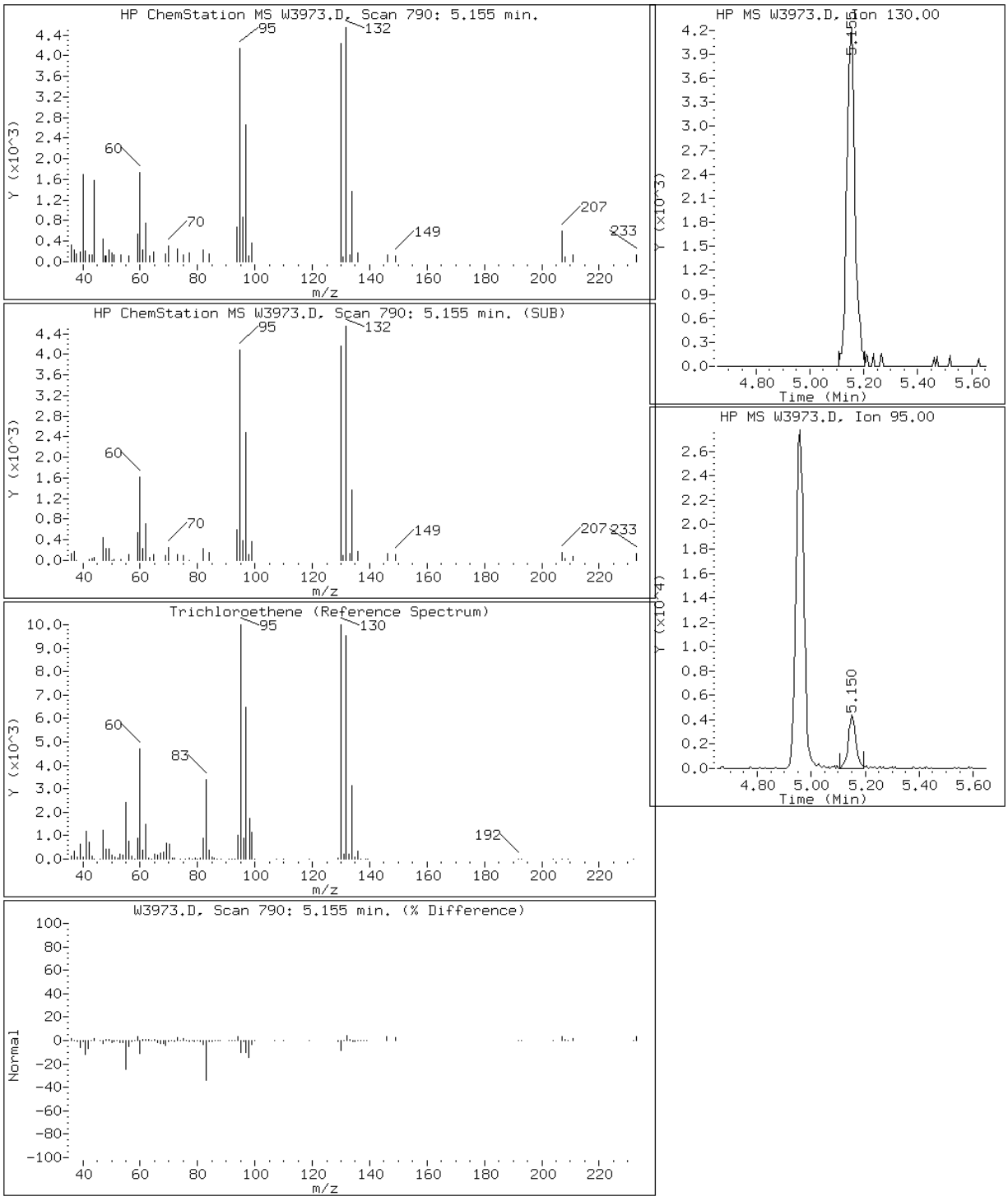
Client ID: MW-26 S

Instrument: msw.i

Sample Info: 220-8385-d-5

Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-26 I | Lab Sample ID: 220-8385-6

Matrix: Water | Lab File ID: L3592.D

Analysis Method: 8260B | Date Collected: 03/11/2009 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 00:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	1.4	J	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	0.91	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	97		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	0.81	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-26 I Lab Sample ID: 220-8385-6

Matrix: Water Lab File ID: L3592.D

Analysis Method: 8260B Date Collected: 03/11/2009 13:05

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 00:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	75	53-125	
460-00-4	4-Bromofluorobenzene	83	73-127	
1868-53-7	Dibromofluoromethane	82	54-137	
2037-26-5	Toluene-d8 (Surr)	84	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3592.D
Lab Smp Id: 220-8385-C-6 Client Smp ID: MW-26 I
Inj Date : 24-MAR-2009 00:45 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-6
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.342	4.351	(1.000)	829675	25.0000	
	14 1,1-Dichloroethene	96	1.670	1.669	(0.385)	8014	1.35888	1
	22 trans-1,2-Dichloroethene	96	2.084	2.083	(0.480)	6685	0.80700	0.8
	33 cis-1,2-Dichloroethene	96	2.932	2.941	(0.675)	977206	97.2222	97
$	41 Dibromofluoromethane	111	3.366	3.375	(0.775)	138913	20.4884	20
$	55 1,2-Dichloroethane-d4	65	3.987	3.986	(0.918)	166226	18.6955	19
	60 Trichloroethene	130	4.549	4.548	(1.048)	3217533	386.121	390(A)
*	75 Chlorobenzene-d5	117	7.565	7.564	(1.000)	683591	25.0000	
$	77 Toluene-d8	98	6.096	6.096	(0.806)	364447	20.9188	21
	80 Tetrachloroethene	164	6.510	6.519	(0.861)	4720	0.91091	0.9
*	95 1,4-Dichlorobenzene-d4	152	9.636	9.635	(1.000)	255431	25.0000	
	112 1,2-Dichlorobenzene	146	10.010	10.009	(1.039)	5345	0.45048	0.4
	123 Naphthalene	128	11.588	11.587	(1.203)	25710	1.53781	2
$	125 Bromofluorobenzene	95	8.660	8.659	(0.899)	136589	20.7375	21
M	126 1,2-Dichloroethene (total)	100				983891	98.0292	98

QC Flag Legend

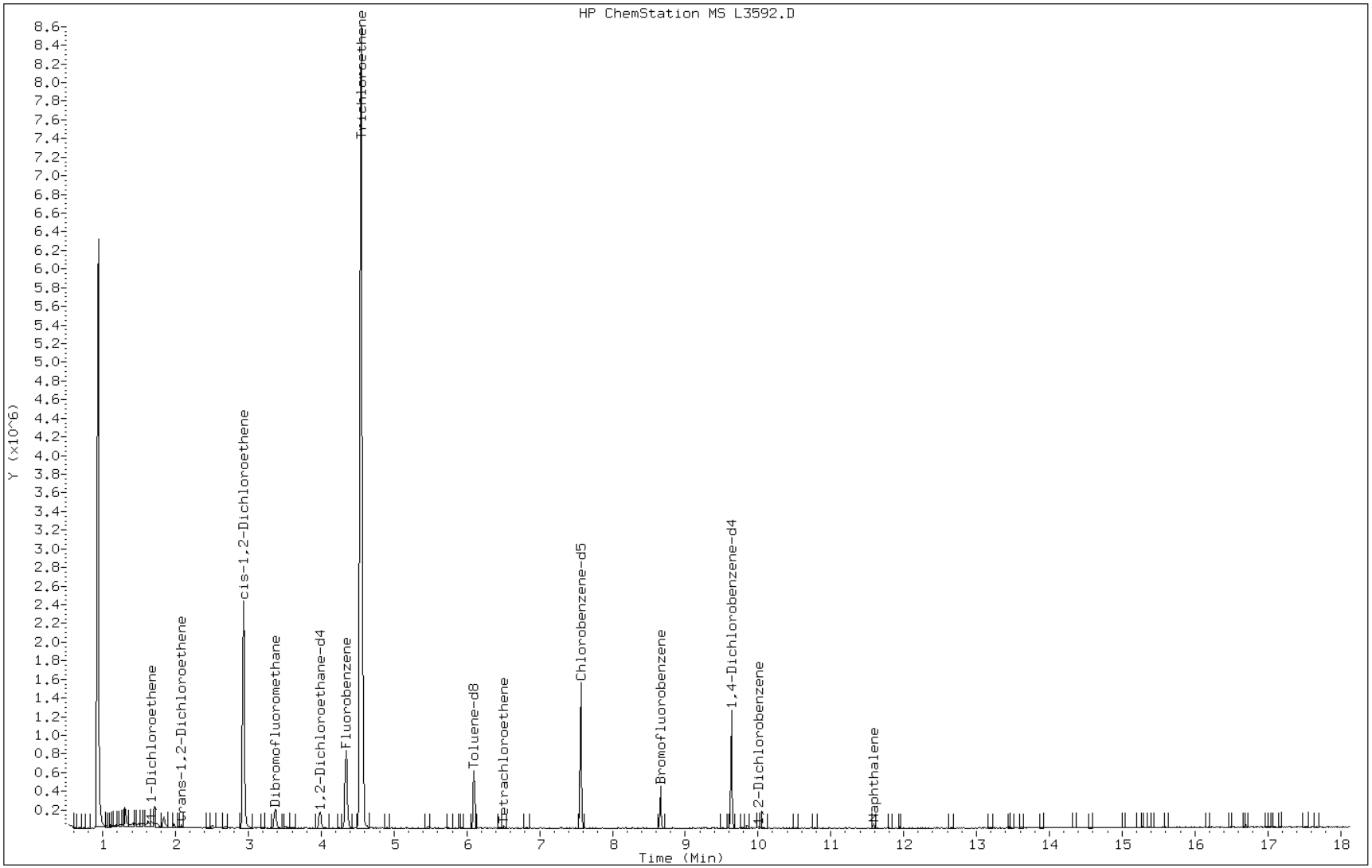
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: L3592.D

Date: 24-MAR-2009 00:45

Client ID: MW-26 I Instrument: msl.i

Sample Info: 220-8385-c-6 Operator: B.KOSTRZEWSKA



Data File: L3592.D

Date: 24-MAR-2009 00:45

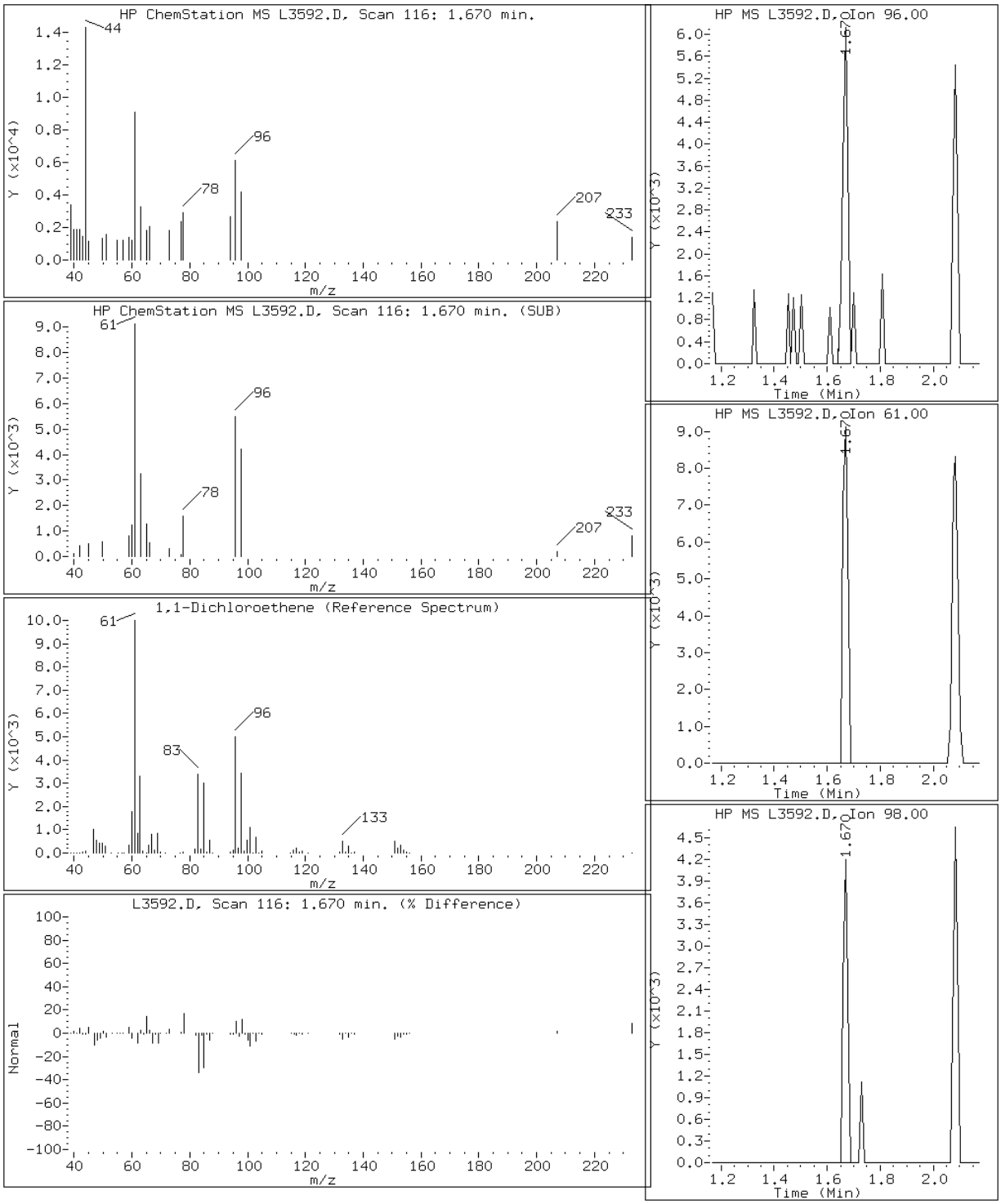
Client ID: MW-26 I

Instrument: msl.i

Sample Info: 220-8385-c-6

Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: L3592.D

Date: 24-MAR-2009 00:45

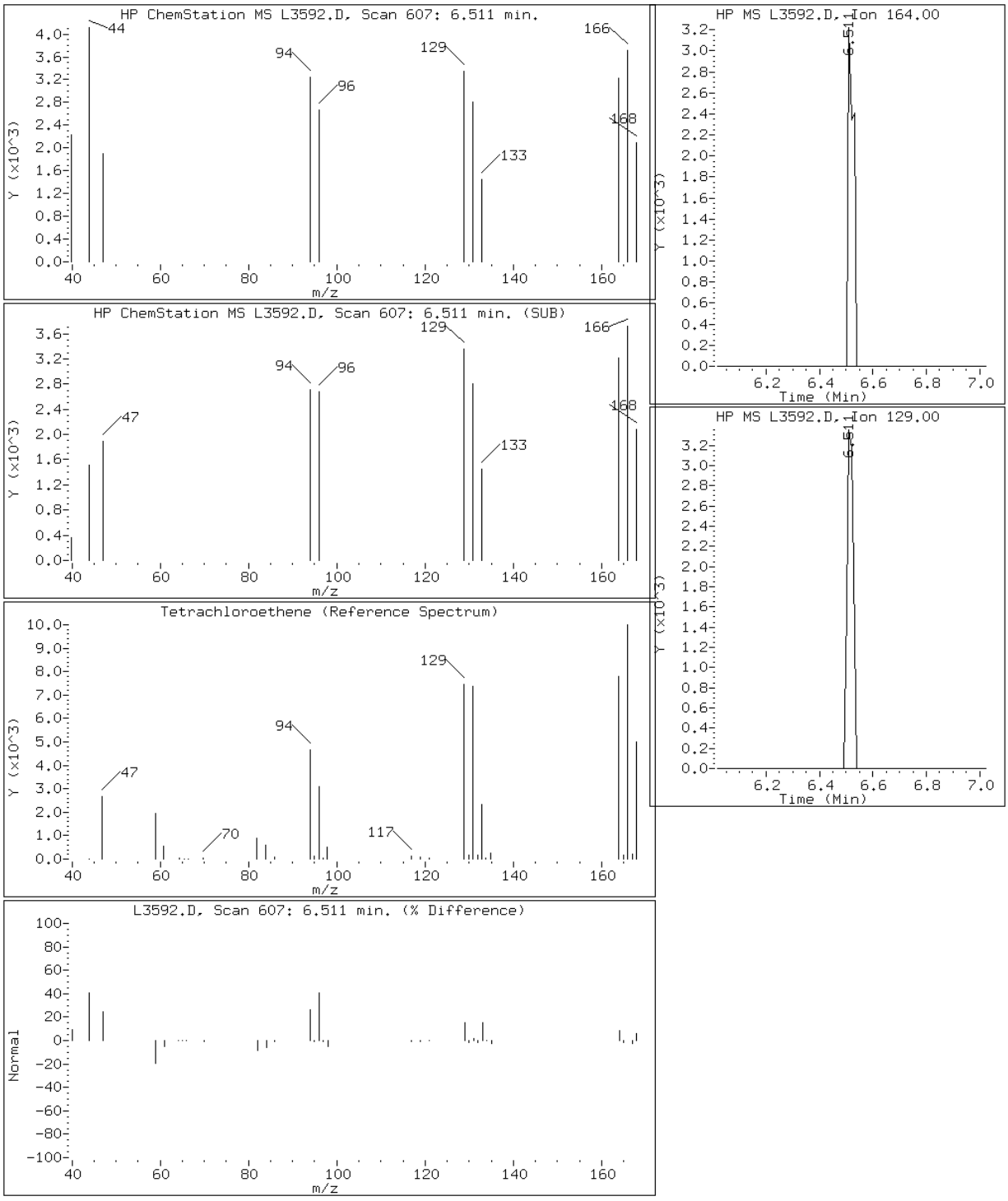
Client ID: MW-26 I

Instrument: msl.i

Sample Info: 220-8385-c-6

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



Data File: L3592.D

Date: 24-MAR-2009 00:45

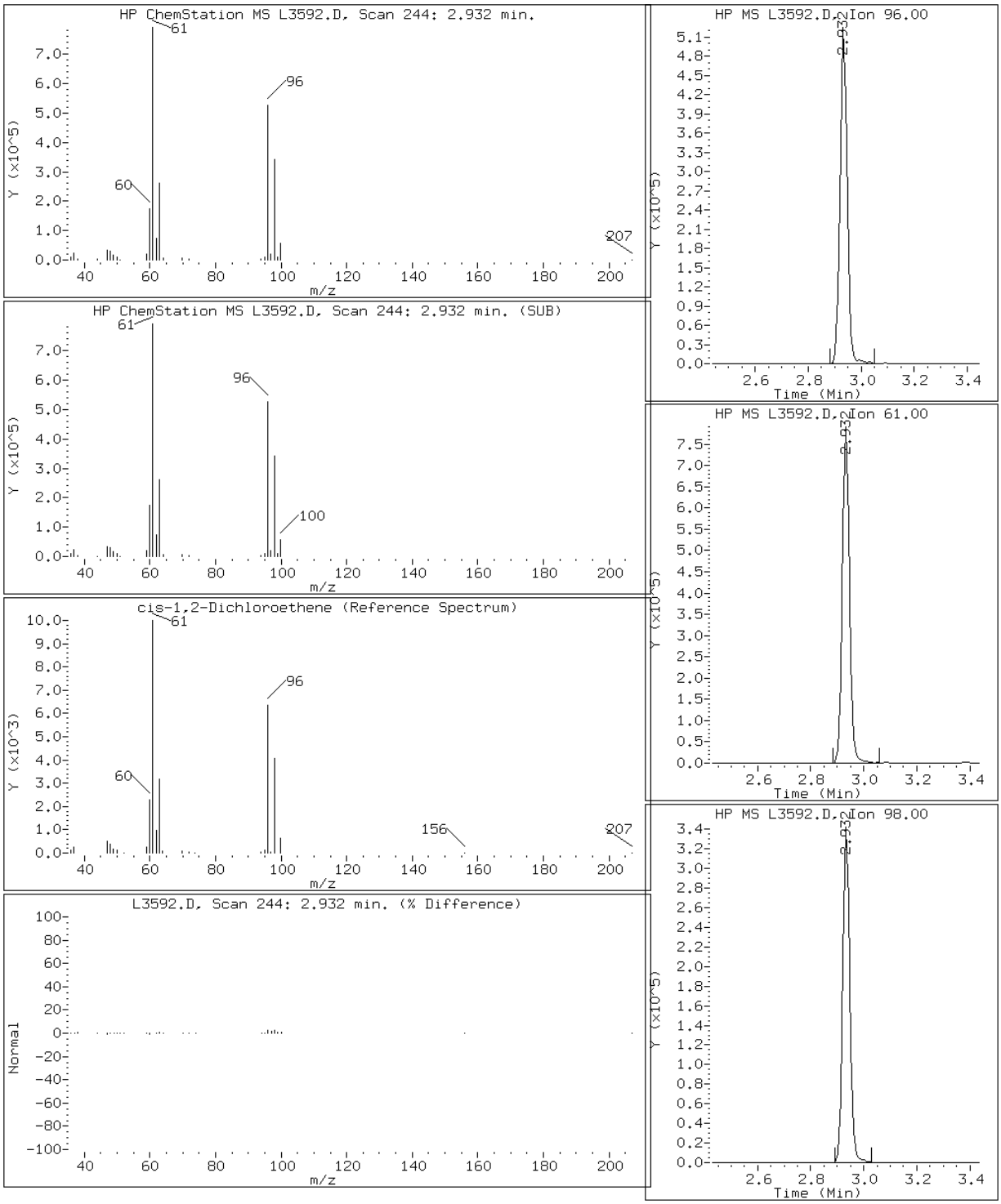
Client ID: MW-26 I

Instrument: msl.i

Sample Info: 220-8385-c-6

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



Data File: L3592.D

Date: 24-MAR-2009 00:45

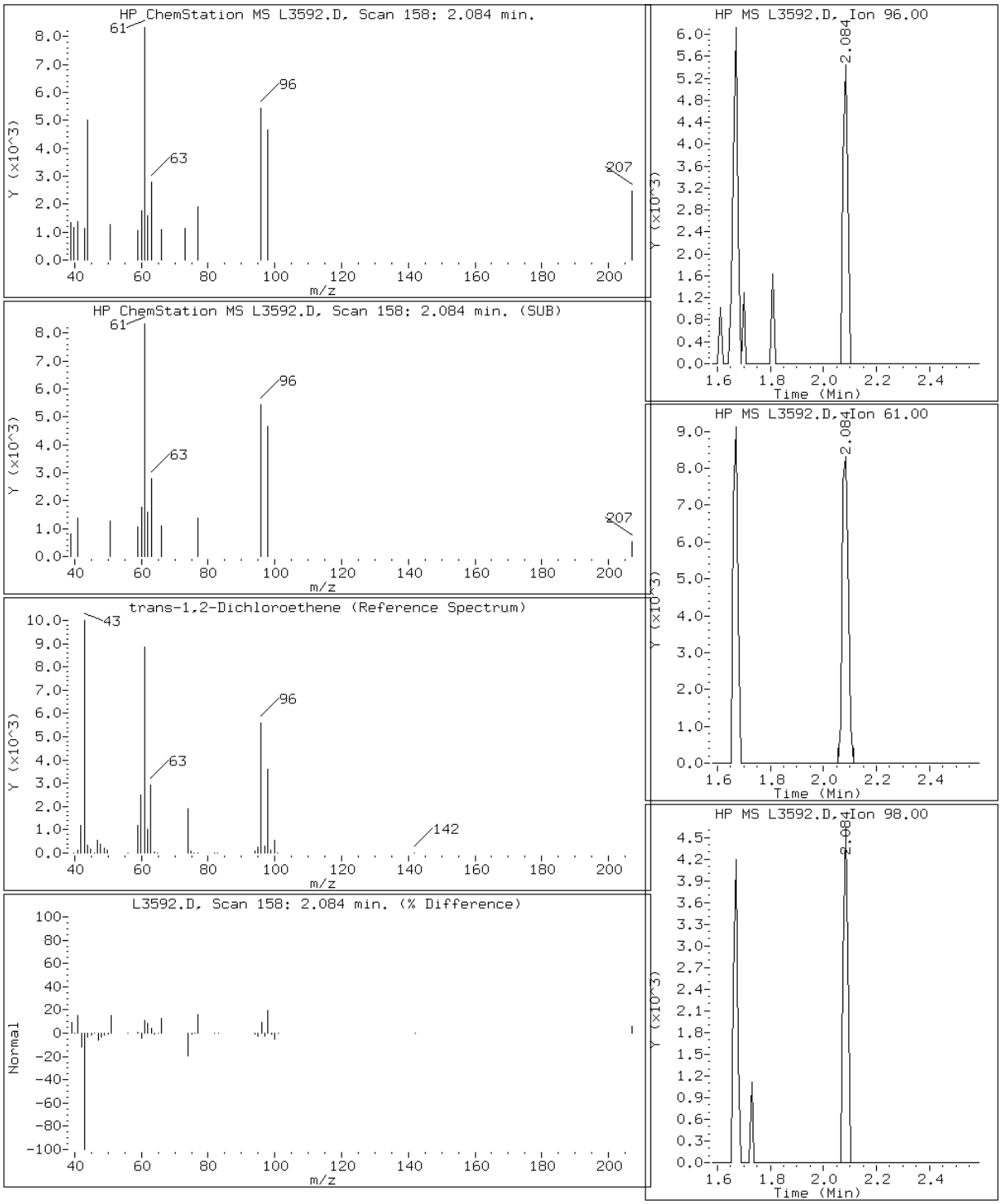
Client ID: MW-26 I

Instrument: msl.i

Sample Info: 220-8385-c-6

Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-26 I Lab Sample ID: 220-8385-6

Matrix: Water Lab File ID: W4000.D

Analysis Method: 8260B Date Collected: 03/11/2009 13:05

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 16:25

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	440		50	6.2

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	109	54-137	
2037-26-5	Toluene-d8 (Surr)	105	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W4000.D
Lab Smp Id: 220-8385-D-6 Client Smp ID: MW-26 I
Inj Date : 24-MAR-2009 16:25 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-d-6
Misc Info : : ;;; ; 8260 ; 10 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 16
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	645097	25.0000	
	21 Acetone	43	2.346	2.346	(0.473)	4988	1.05288	10
	22 trans-1,2-Dichloroethene	96	2.443	2.437	(0.493)	1259	0.13899	1(M)
	33 cis-1,2-Dichloroethene	96	3.572	3.571	(0.721)	115619	10.6353	110
	38 Chloroform	83	3.882	3.876	(0.783)	2569	0.14991	1
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	213458	27.2453	27
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	271825	28.9096	29
	60 Trichloroethene	130	5.150	5.150	(1.039)	443169	43.8276	440
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	571323	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	780934	26.3251	26
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	292605	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	229950	21.8507	22
M	126 1,2-Dichloroethene (total)	100				116878	10.7742	110

QC Flag Legend

M - Compound response manually integrated.

Data File: W4000.D

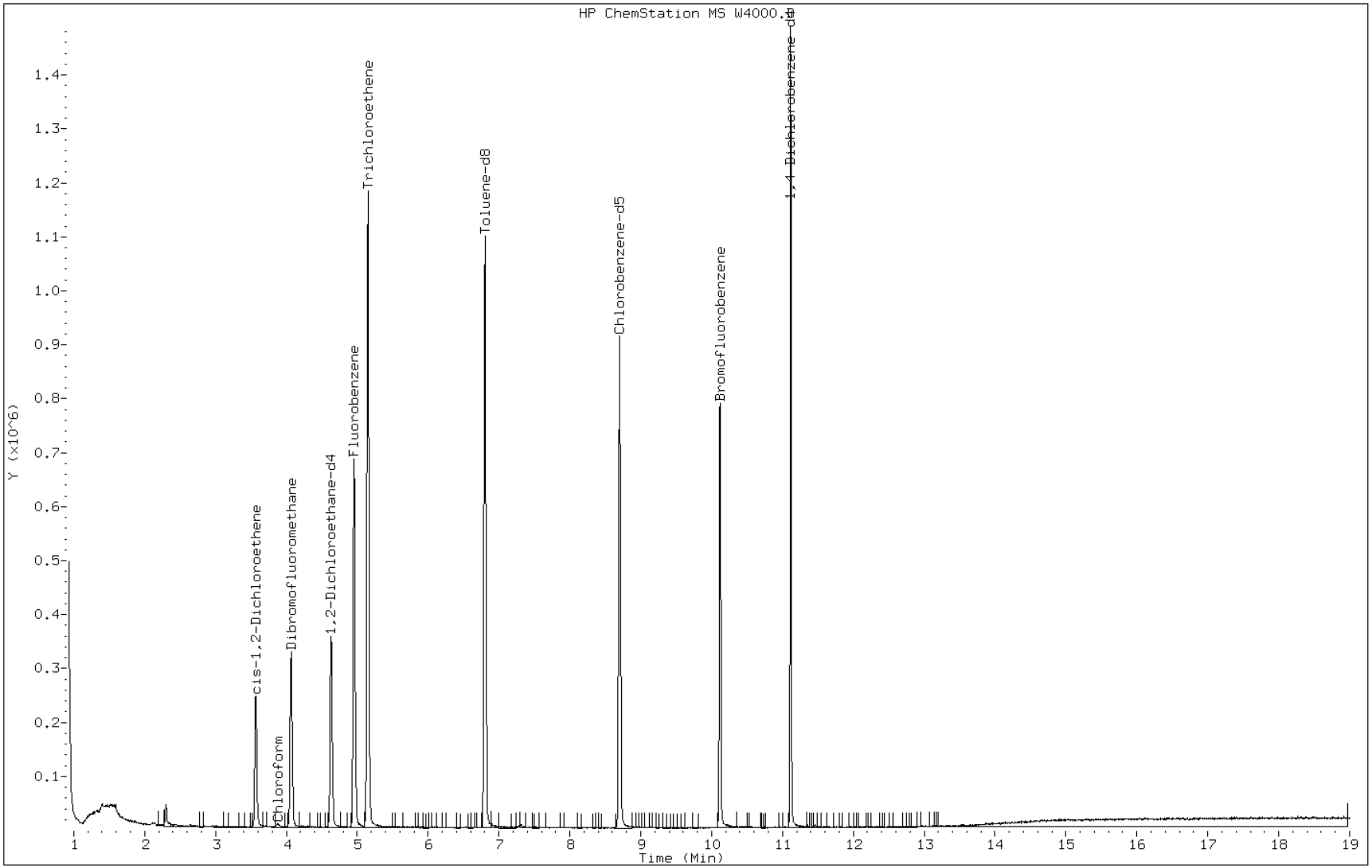
Date: 24-MAR-2009 16:25

Client ID: MW-26 I

Instrument: msw.i

Sample Info: 220-8385-d-6

Operator: B.KOSTRZEWSKA



Data File: W4000.D

Date: 24-MAR-2009 16:25

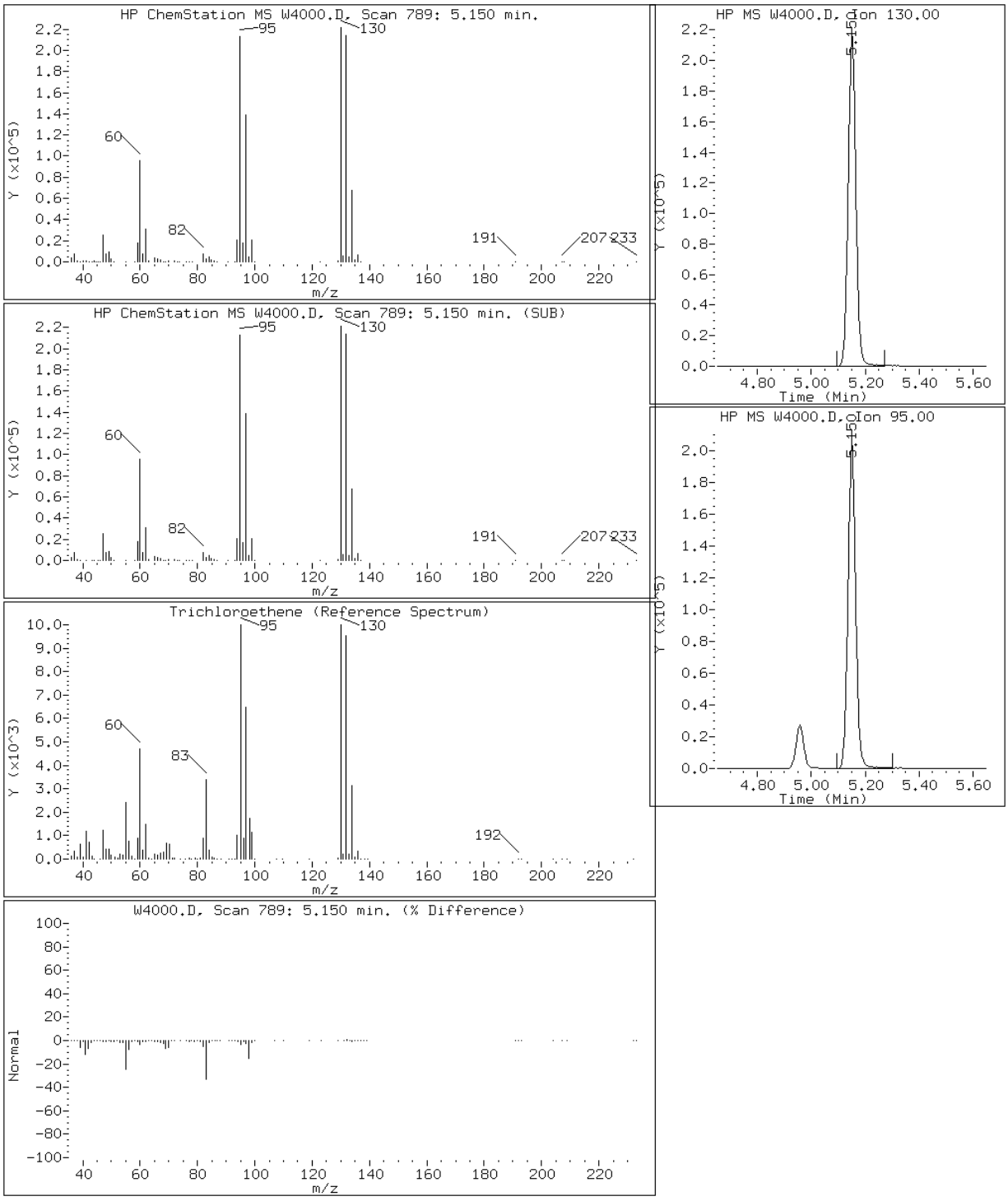
Client ID: MW-26 I

Instrument: msw.i

Sample Info: 220-8385-d-6

Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-5 Lab Sample ID: 220-8385-7

Matrix: Water Lab File ID: L3593.D

Analysis Method: 8260B Date Collected: 03/11/2009 09:47

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 01:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	1.4	J	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	37		5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.9	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	31		5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	100		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	3.3	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-5 Lab Sample ID: 220-8385-7

Matrix: Water Lab File ID: L3593.D

Analysis Method: 8260B Date Collected: 03/11/2009 09:47

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 01:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78	53-125	
460-00-4	4-Bromofluorobenzene	79	73-127	
1868-53-7	Dibromofluoromethane	82	54-137	
2037-26-5	Toluene-d8 (Surr)	89	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3593.D
Lab Smp Id: 220-8385-D-7 Client Smp ID: OW-5
Inj Date : 24-MAR-2009 01:11 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-d-7
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.347	4.351	(1.000)	836088	25.0000	
	4 Vinyl Chloride	62	1.133	1.137	(0.261)	206603	30.5071	30
	14 1,1-Dichloroethene	96	1.665	1.669	(0.383)	216970	36.5081	36
	15 Carbon Disulfide	76	1.695	1.699	(0.390)	3996	0.16979	0.2
	22 trans-1,2-Dichloroethene	96	2.079	2.083	(0.478)	27794	3.32949	3
	31 1,1-Dichloroethane	63	2.503	2.497	(0.576)	24093	1.37607	1
	33 cis-1,2-Dichloroethene	96	2.937	2.941	(0.676)	1054367	104.094	100
$	41 Dibromofluoromethane	111	3.371	3.375	(0.775)	140303	20.5347	20
$	55 1,2-Dichloroethane-d4	65	3.982	3.986	(0.916)	174582	19.4847	19
	60 Trichloroethene	130	4.554	4.548	(1.048)	27823629	3313.37	3300(A)
*	75 Chlorobenzene-d5	117	7.564	7.564	(1.000)	675356	25.0000	
$	77 Toluene-d8	98	6.095	6.096	(0.806)	381895	22.1876	22
	80 Tetrachloroethene	164	6.519	6.519	(0.862)	9747	1.90400	2
*	95 1,4-Dichlorobenzene-d4	152	9.635	9.635	(1.000)	268778	25.0000	
	123 Naphthalene	128	11.587	11.587	(1.203)	22648	1.28739	1
$	125 Bromofluorobenzene	95	8.659	8.659	(0.899)	137315	19.8125	20
M	126 1,2-Dichloroethene (total)	100				1082161	107.424	110

QC Flag Legend

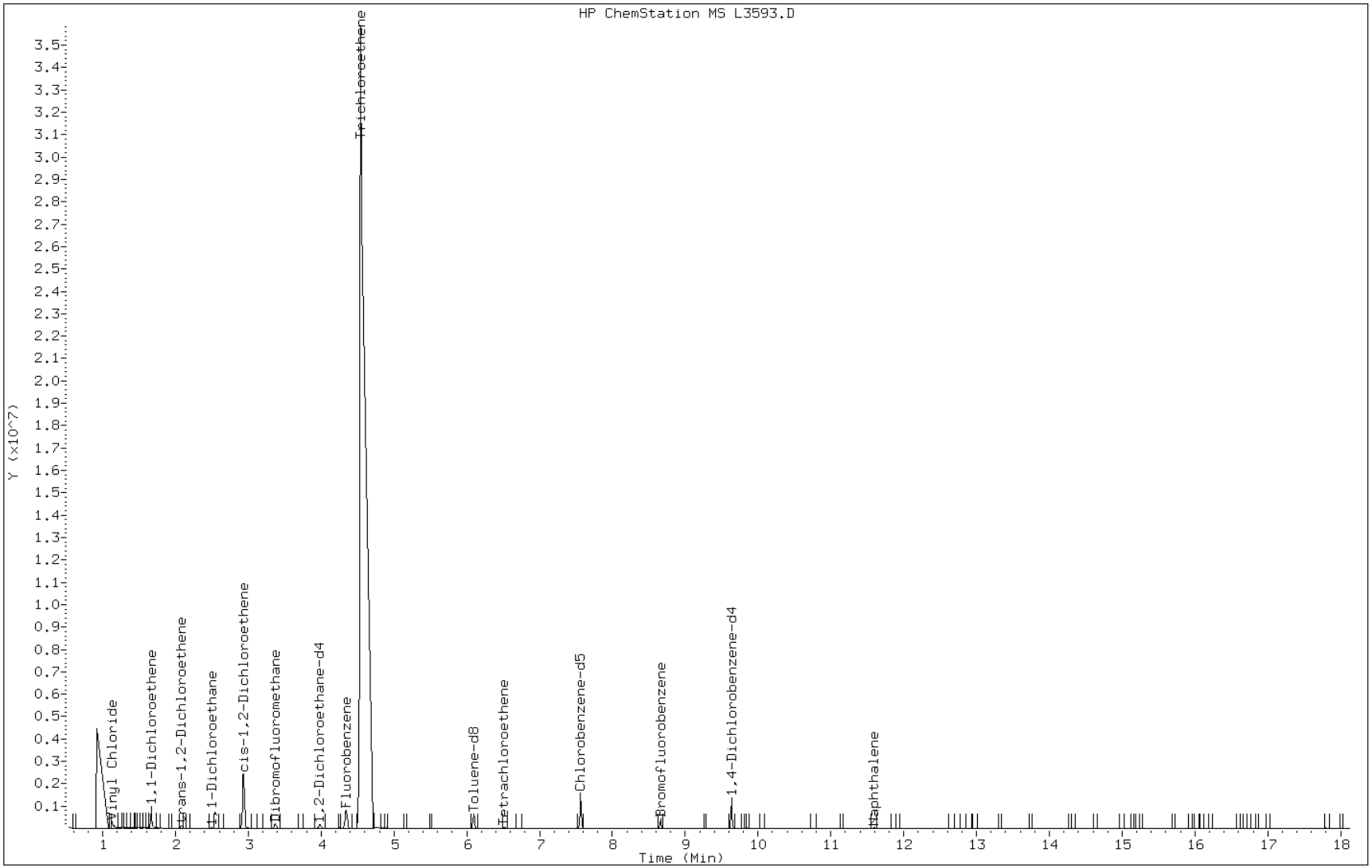
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: L3593.D

Date: 24-MAR-2009 01:11

Client ID: OW-5 Instrument: msl.i

Sample Info: 220-8385-d-7 Operator: B.KOSTRZEWSKA



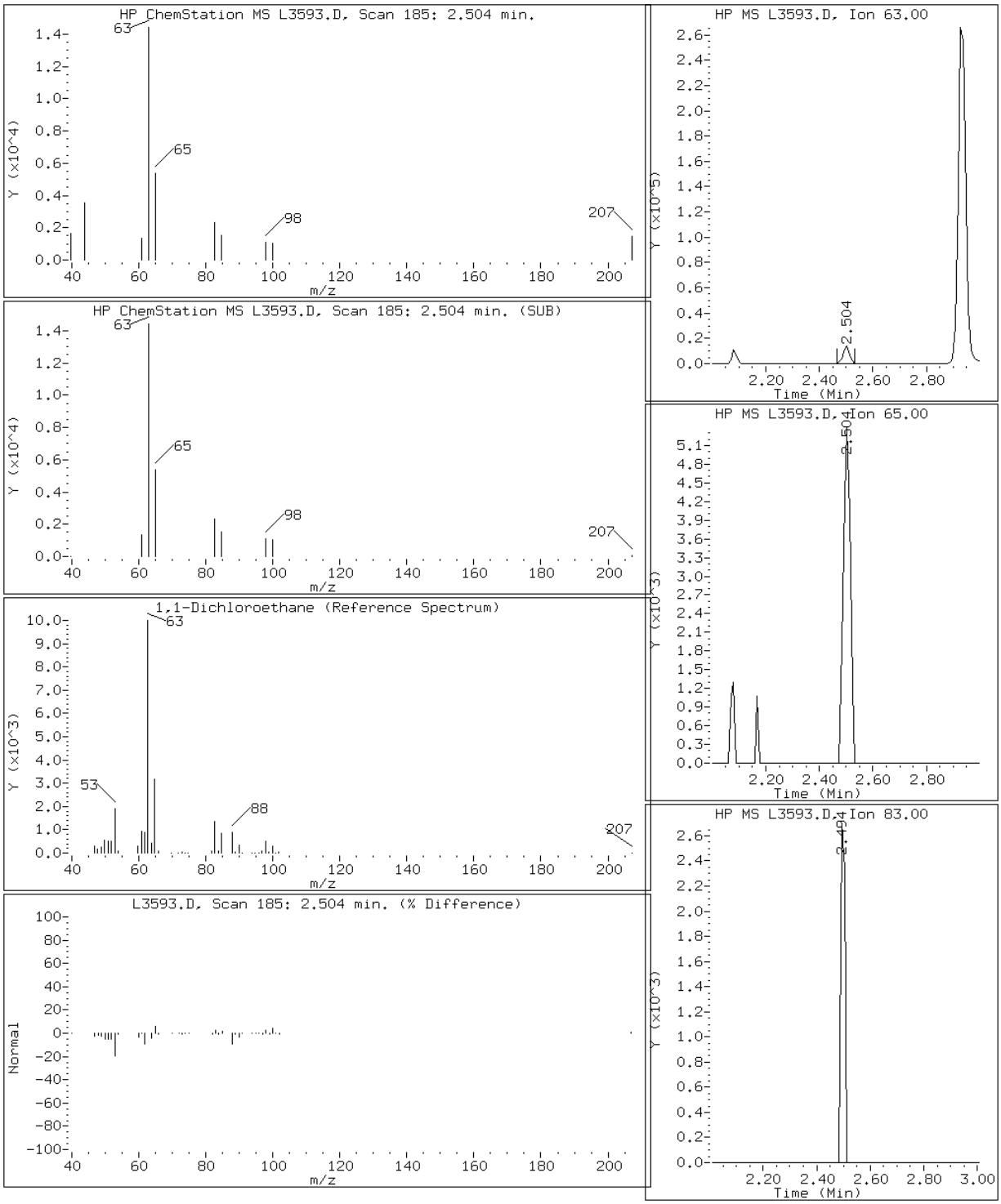
Data File: L3593.D

Date: 24-MAR-2009 01:11

Client ID: OW-5 Instrument: msl.i

Sample Info: 220-8385-d-7 Operator: B.KOSTRZEWSKA

31 1,1-Dichloroethane



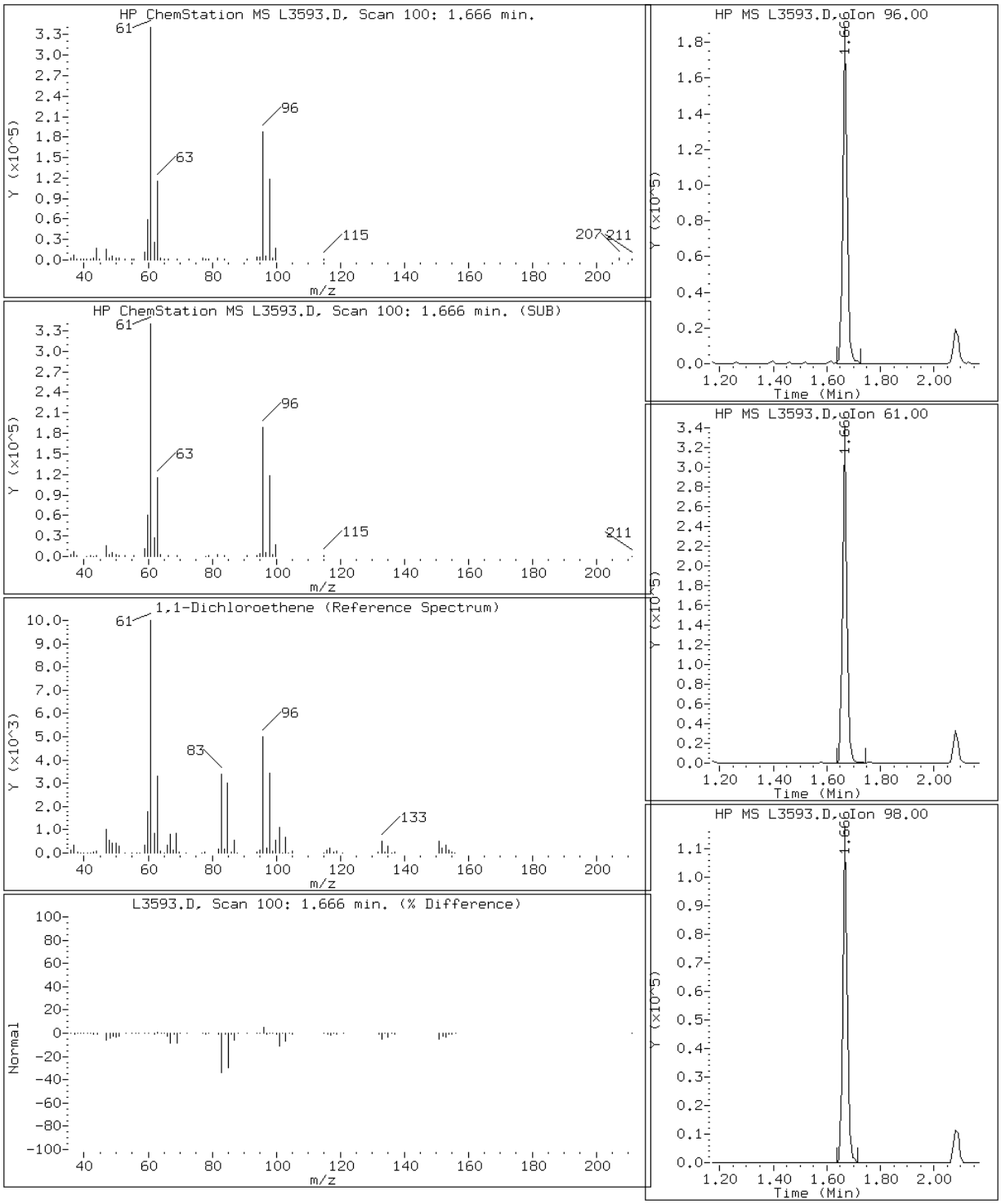
Data File: L3593.D

Date: 24-MAR-2009 01:11

Client ID: OW-5 Instrument: msl.i

Sample Info: 220-8385-d-7 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



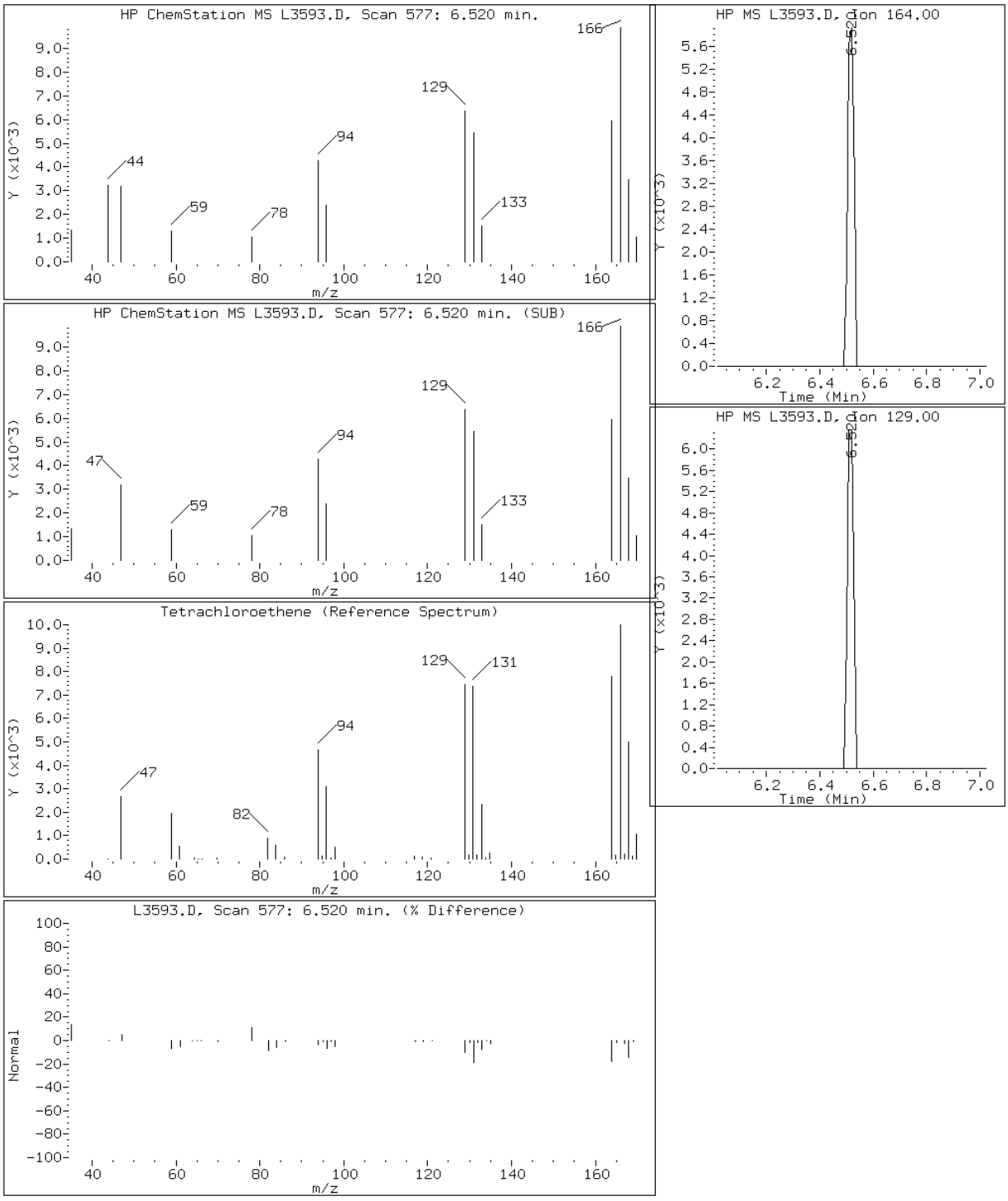
Data File: L3593.D

Date: 24-MAR-2009 01:11

Client ID: OW-5 Instrument: msl.i

Sample Info: 220-8385-d-7 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



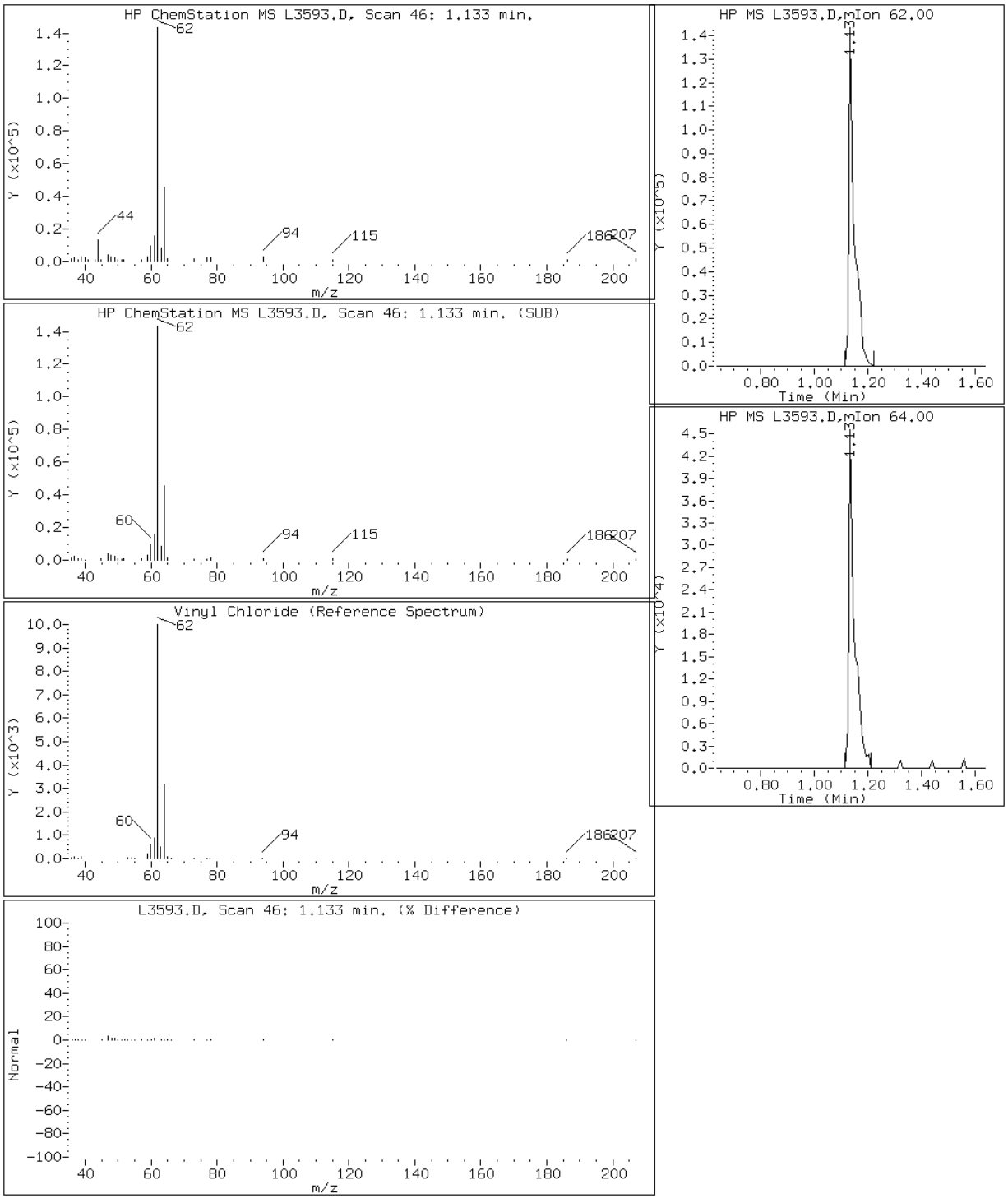
Data File: L3593.D

Date: 24-MAR-2009 01:11

Client ID: OW-5 Instrument: msl.i

Sample Info: 220-8385-d-7 Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



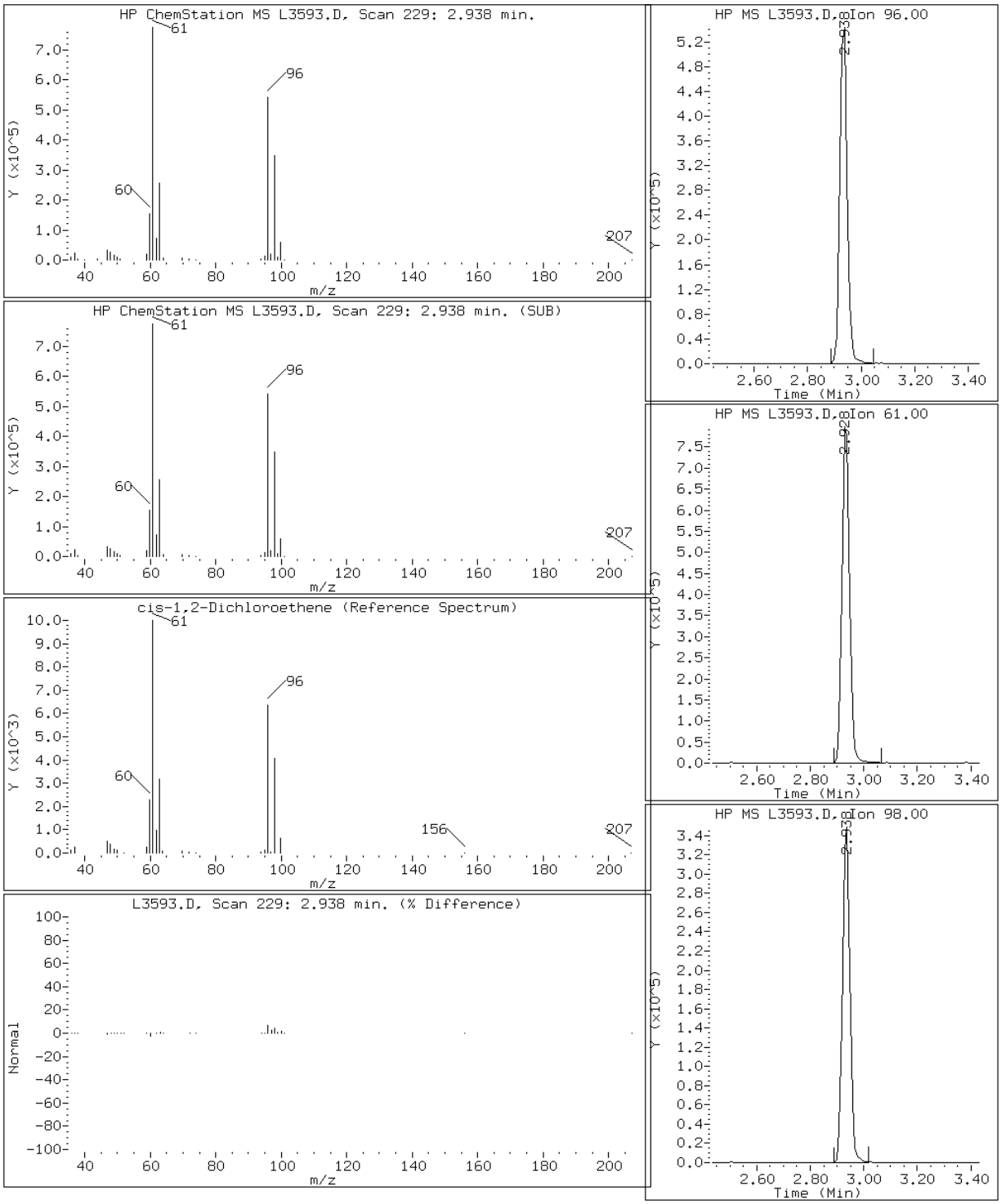
Data File: L3593.D

Date: 24-MAR-2009 01:11

Client ID: OW-5 Instrument: msl.i

Sample Info: 220-8385-d-7 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



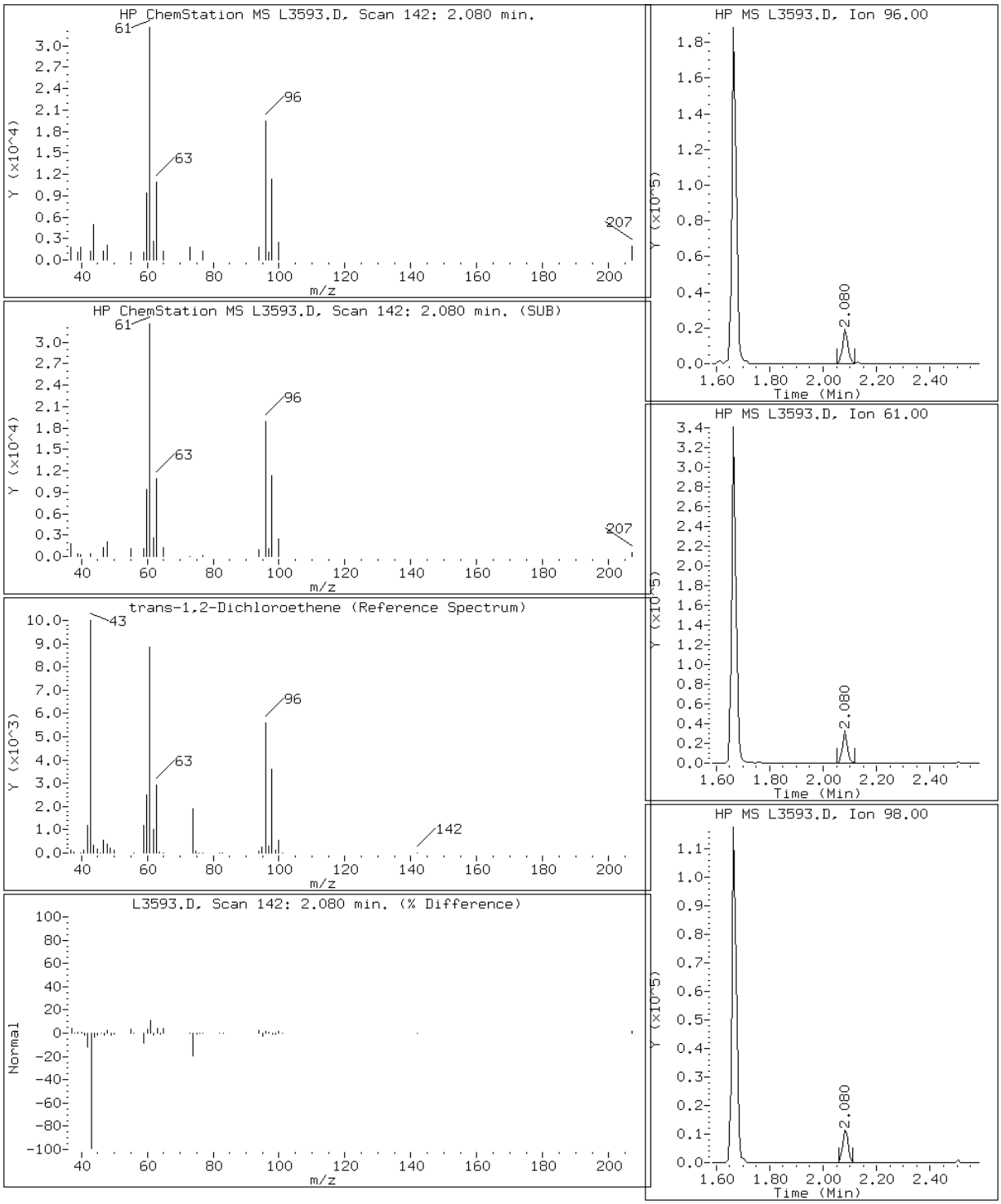
Data File: L3593.D

Date: 24-MAR-2009 01:11

Client ID: OW-5 Instrument: msl.i

Sample Info: 220-8385-d-7 Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-5 Lab Sample ID: 220-8385-7

Matrix: Water Lab File ID: W3996.D

Analysis Method: 8260B Date Collected: 03/11/2009 09:47

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 14:38

Soil Aliquot Vol: Dilution Factor: 50

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	2400		250	31

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101	53-125	
460-00-4	4-Bromofluorobenzene	77	73-127	
1868-53-7	Dibromofluoromethane	95	54-137	
2037-26-5	Toluene-d8 (Surr)	92	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3996.D
Lab Smp Id: 220-8385-C-7 Client Smp ID: OW-5
Inj Date : 24-MAR-2009 14:38 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-c-7
Misc Info : : ;;; ; 8260 ; 50 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 12
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	50.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	748272	25.0000	
	4 Vinyl Chloride	62	1.175	1.175	(0.237)	5472	0.42258	21
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	7318	0.78127	39
	21 Acetone	43	2.346	2.346	(0.473)	11106	2.02104	100
	22 trans-1,2-Dichloroethene	96	2.443	2.437	(0.493)	1262	0.12011	6(M)
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	26892	2.13259	110
	38 Chloroform	83	3.876	3.876	(0.782)	2399	0.12069	6
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	214746	23.6303	24
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	274203	25.1415	25
	60 Trichloroethene	130	5.150	5.150	(1.039)	557608	47.5415	2400
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	660381	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	790118	23.0428	23
*	95 1,4-Dichlorobenzene-d4	152	11.114	11.115	(1.000)	341360	25.0000	
$	125 Bromofluorobenzene	95	10.119	10.114	(0.910)	236719	19.2812	19
M	126 1,2-Dichloroethene (total)	100				28154	2.25270	110

QC Flag Legend

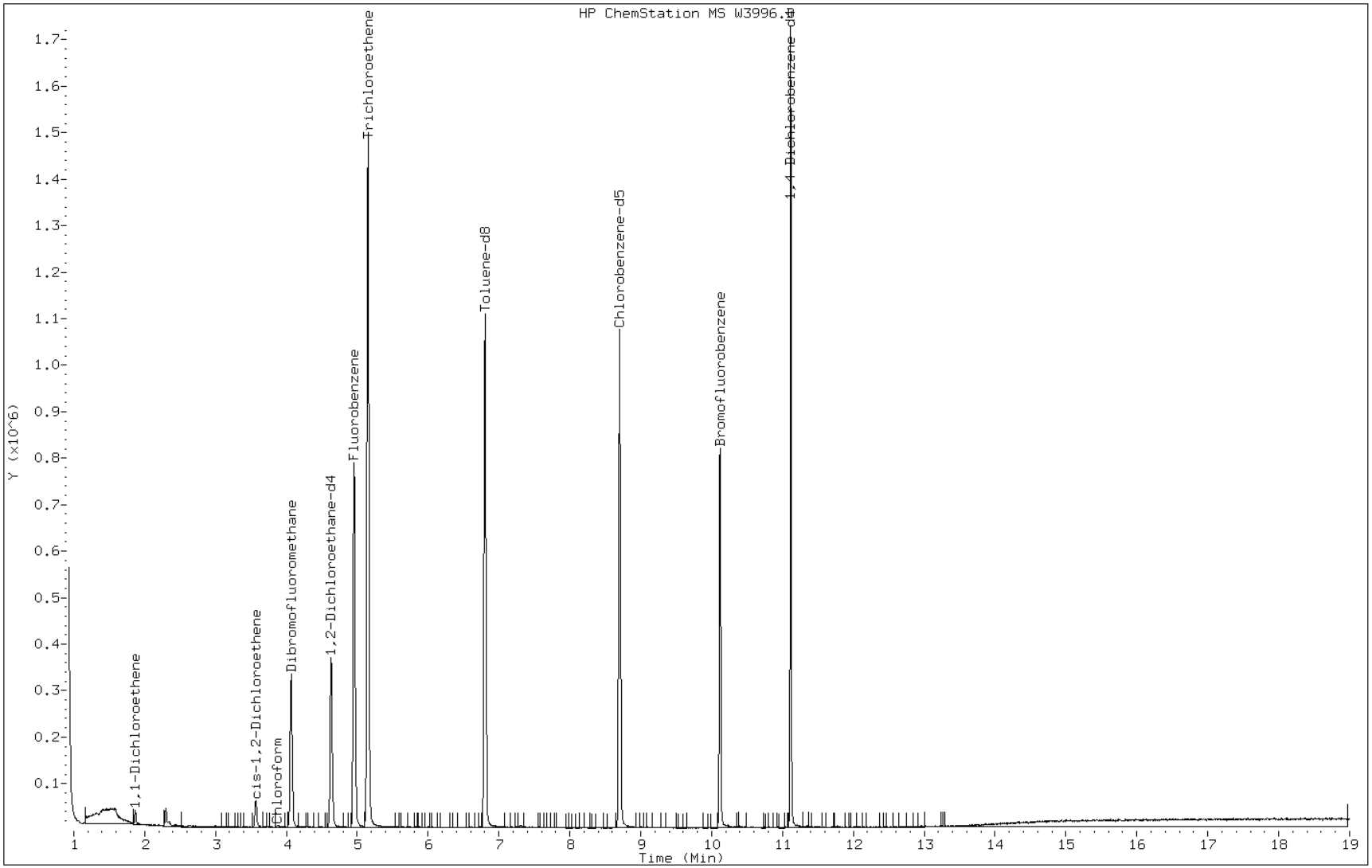
M - Compound response manually integrated.

Data File: W3996.D

Date: 24-MAR-2009 14:38

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8385-c-7 Operator: B.KOSTRZEWSKA



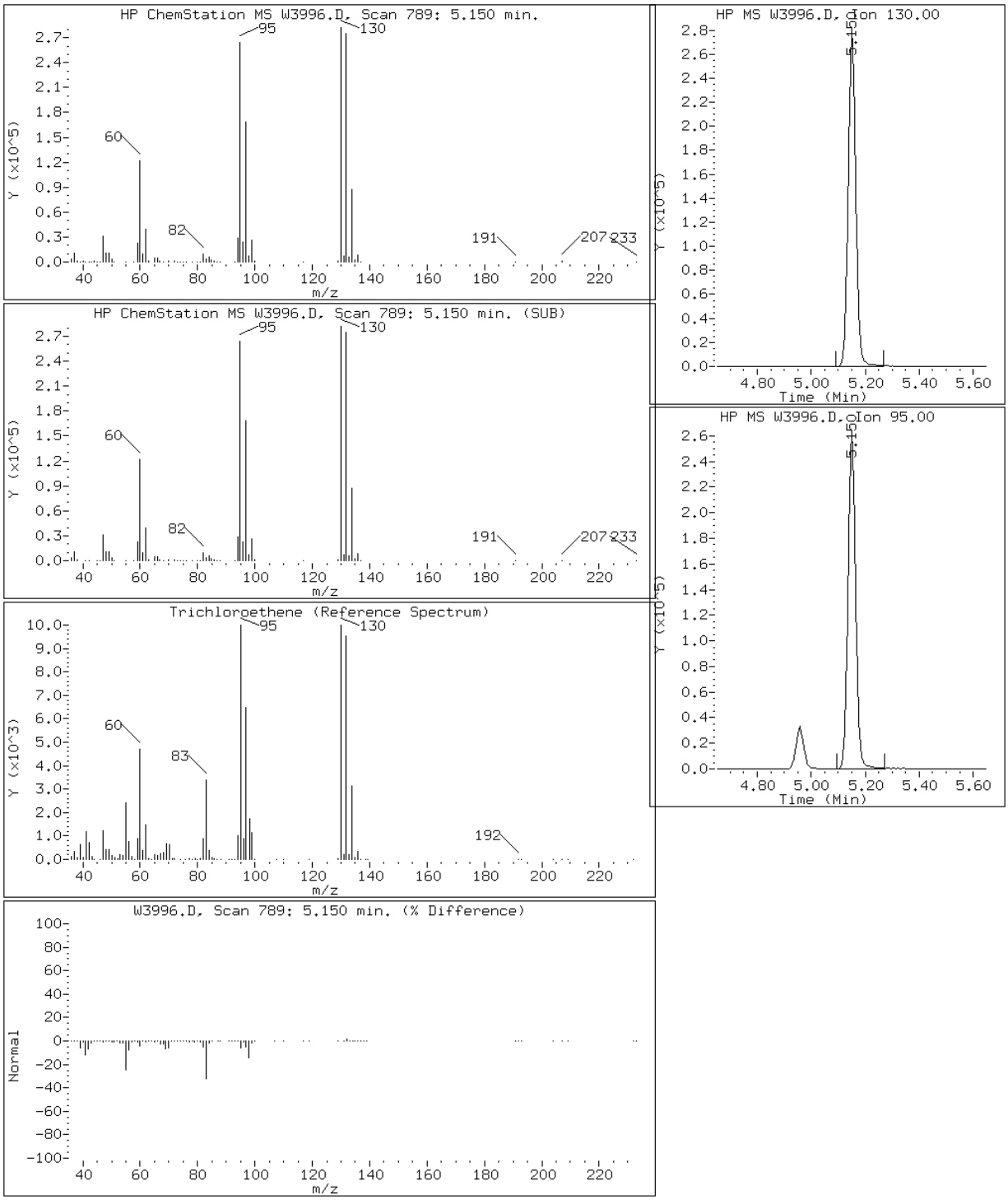
Data File: W3996.D

Date: 24-MAR-2009 14:38

Client ID: OW-5 Instrument: msw.i

Sample Info: 220-8385-c-7 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-6 Lab Sample ID: 220-8385-8

Matrix: Water Lab File ID: L3594.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 01:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.8		5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	0.96	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
75-01-4	Vinyl chloride	2.0	J	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	37		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	0.78	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-6 Lab Sample ID: 220-8385-8

Matrix: Water Lab File ID: L3594.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 01:37

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	76	53-125	
460-00-4	4-Bromofluorobenzene	74	73-127	
1868-53-7	Dibromofluoromethane	75	54-137	
2037-26-5	Toluene-d8 (Surr)	81	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3594.D
Lab Smp Id: 220-8385-C-8 Client Smp ID: OW-6
Inj Date : 24-MAR-2009 01:37 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-8
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1	Fluorobenzene	96	4.346	4.351	(1.000)	798858	25.0000	
	4	Vinyl Chloride	62	1.132	1.137	(0.261)	13001	2.00920	2
	14	1,1-Dichloroethene	96	1.664	1.669	(0.383)	32843	5.78381	6
	22	trans-1,2-Dichloroethene	96	2.088	2.083	(0.481)	6186	0.77557	0.8
	33	cis-1,2-Dichloroethene	96	2.936	2.941	(0.676)	362301	37.4358	37
$	41	Dibromofluoromethane	111	3.370	3.375	(0.775)	121697	18.6416	19
$	55	1,2-Dichloroethane-d4	65	3.981	3.986	(0.916)	163294	19.0742	19
	60	Trichloroethene	130	4.553	4.548	(1.048)	7548417	940.794	940(A)
*	75	Chlorobenzene-d5	117	7.570	7.564	(1.000)	638881	25.0000	
$	77	Toluene-d8	98	6.101	6.096	(0.806)	328086	20.1496	20
	80	Tetrachloroethene	164	6.515	6.519	(0.861)	4665	0.96330	1.0
*	95	1,4-Dichlorobenzene-d4	152	9.640	9.635	(1.000)	254857	25.0000	
	123	Naphthalene	128	11.592	11.587	(1.202)	20627	1.23656	1
$	125	Bromofluorobenzene	95	8.664	8.659	(0.899)	121757	18.5273	18
M	126	1,2-Dichloroethene (total)	100				368487	38.2114	38

QC Flag Legend

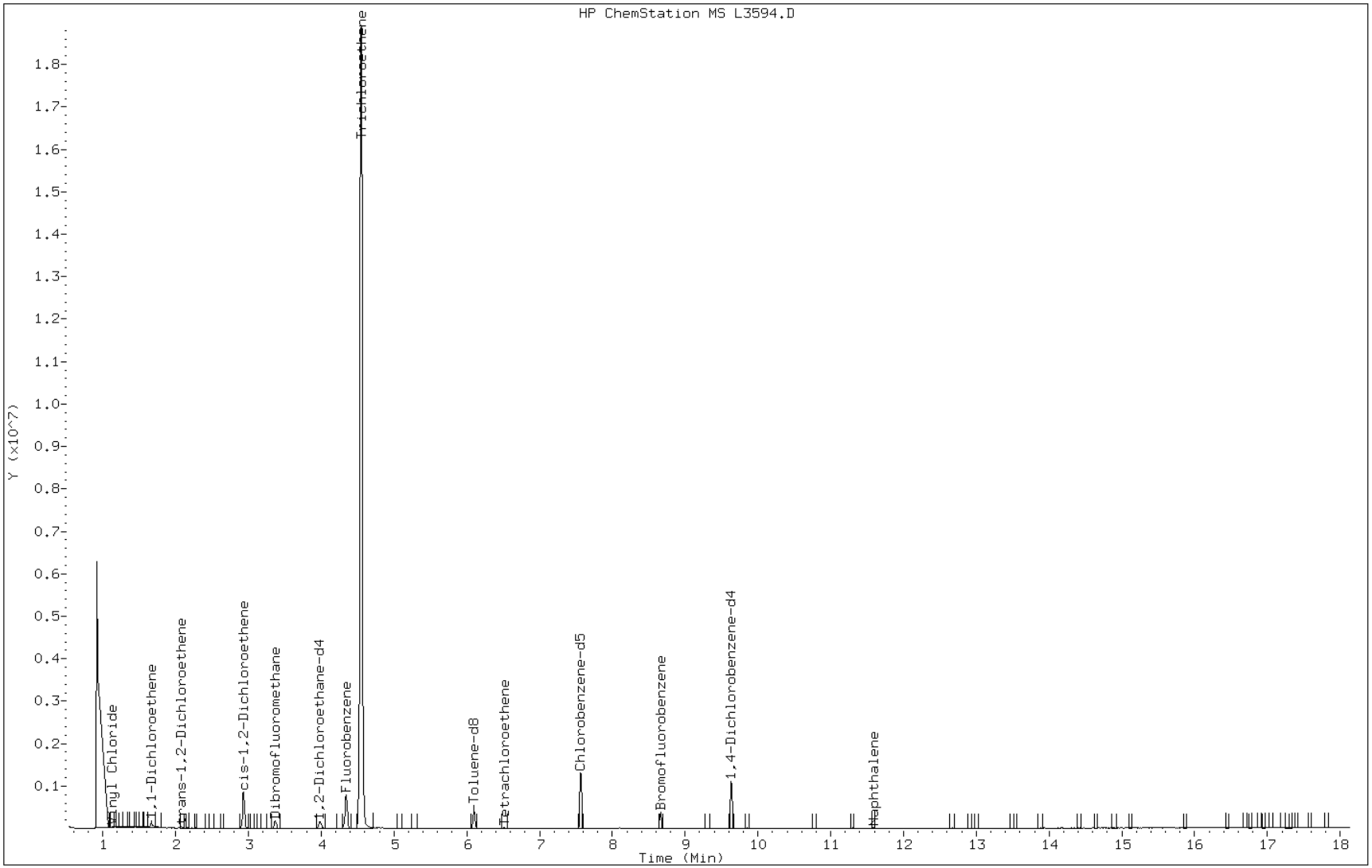
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: L3594.D

Date: 24-MAR-2009 01:37

Client ID: OW-6 Instrument: msl.i

Sample Info: 220-8385-c-8 Operator: B.KOSTRZEWSKA



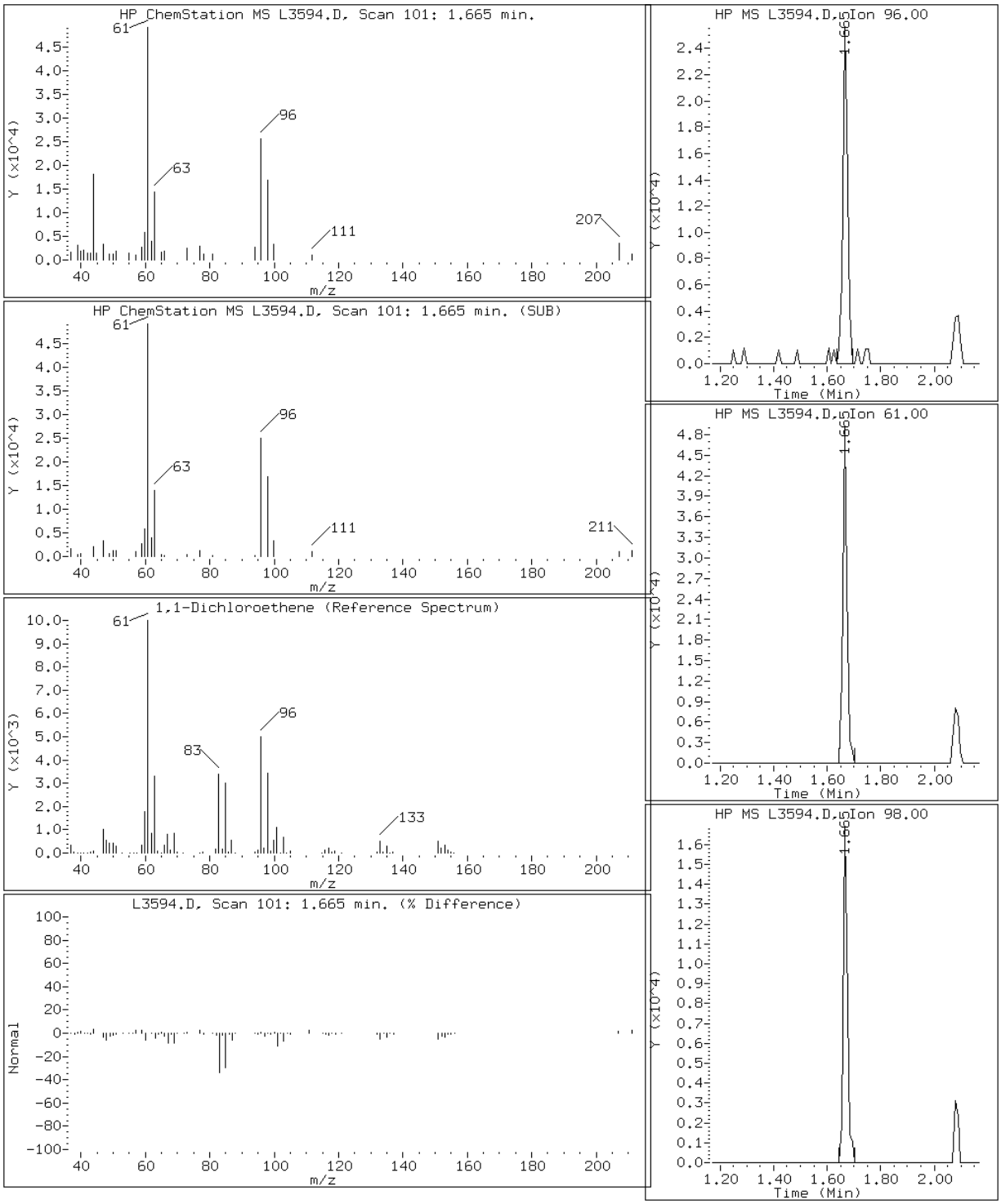
Data File: L3594.D

Date: 24-MAR-2009 01:37

Client ID: OW-6 Instrument: msl.i

Sample Info: 220-8385-c-8 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



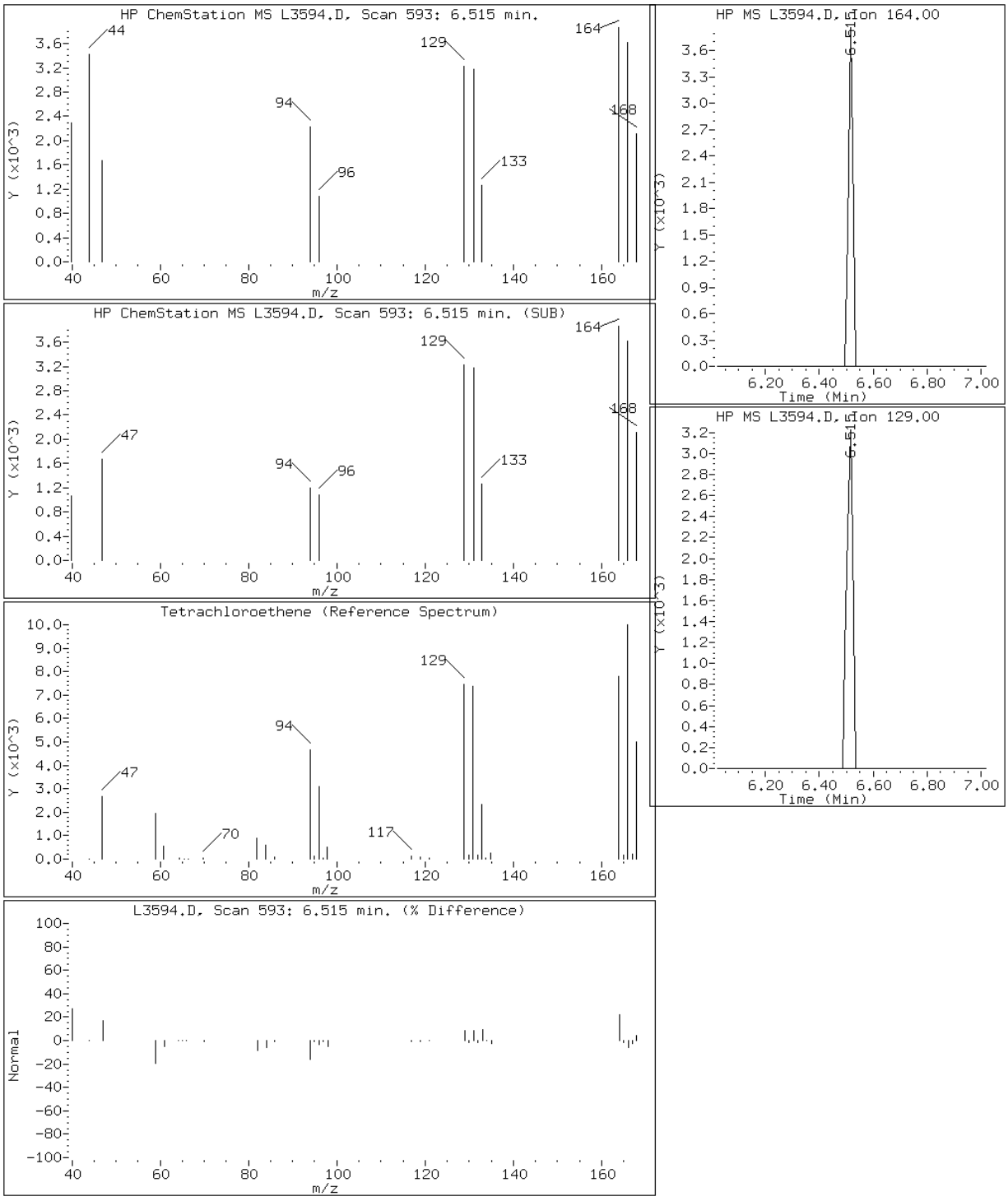
Data File: L3594.D

Date: 24-MAR-2009 01:37

Client ID: OW-6 Instrument: msl.i

Sample Info: 220-8385-c-8 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



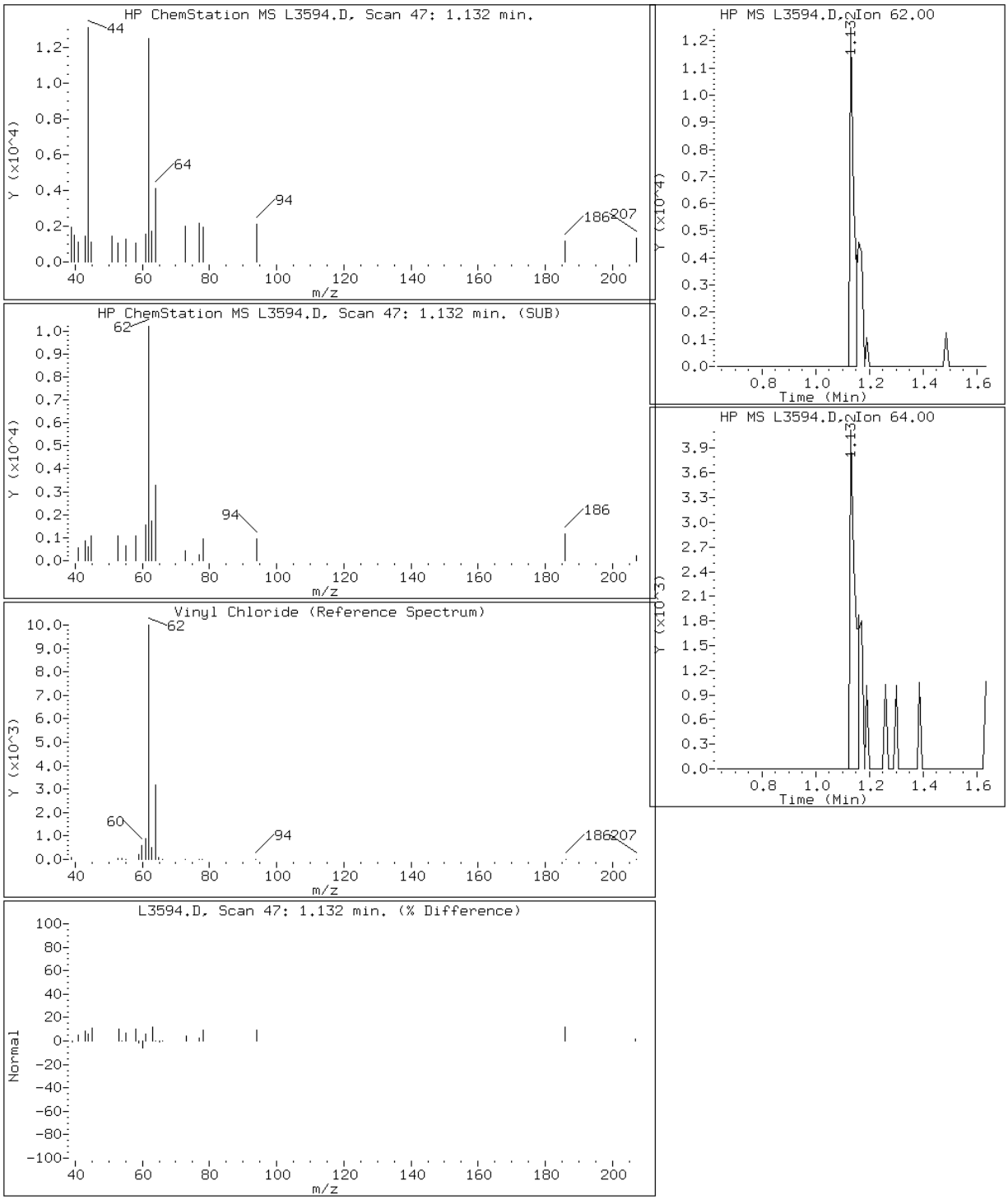
Data File: L3594.D

Date: 24-MAR-2009 01:37

Client ID: OW-6 Instrument: msl.i

Sample Info: 220-8385-c-8 Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



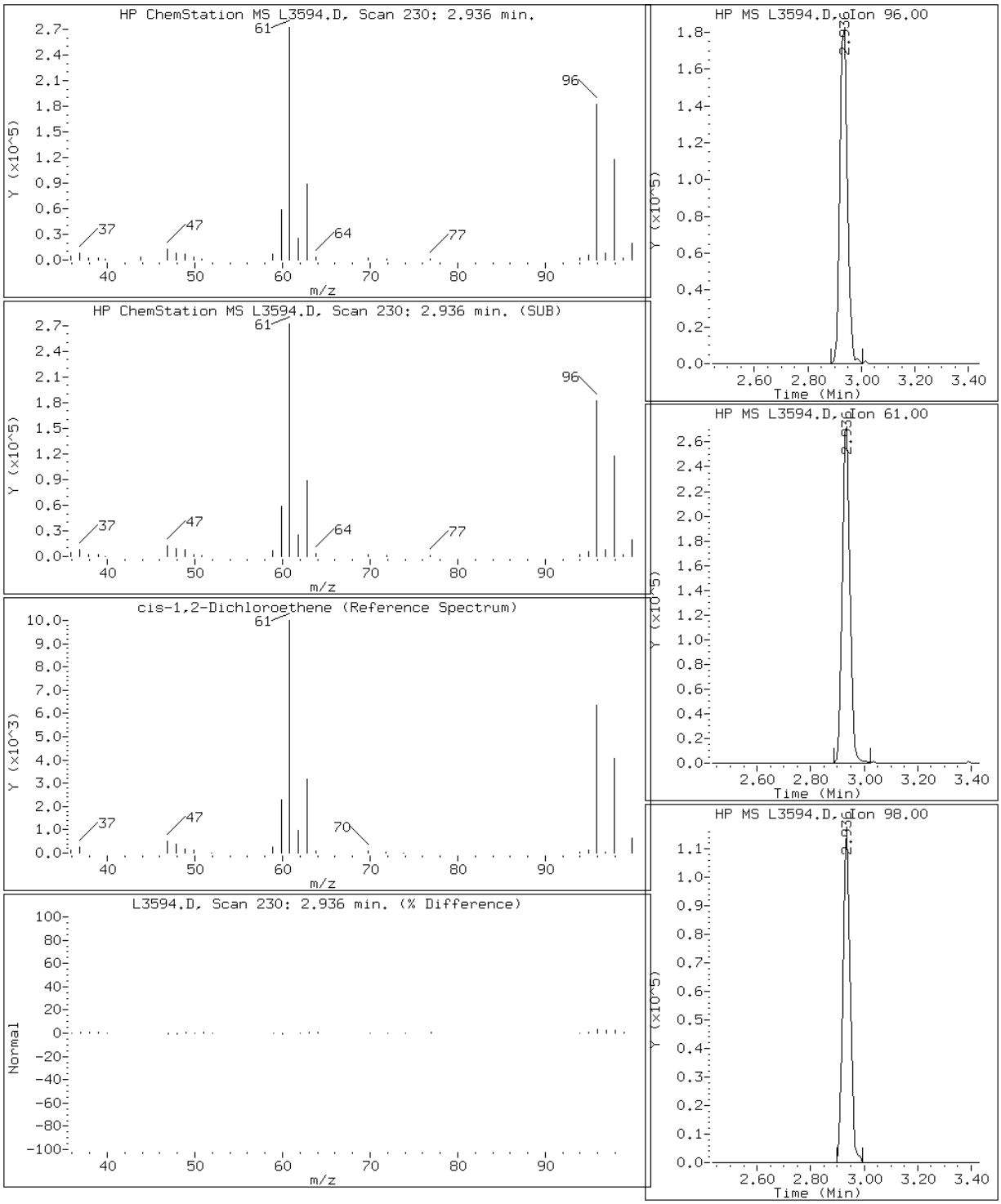
Data File: L3594.D

Date: 24-MAR-2009 01:37

Client ID: OW-6 Instrument: msl.i

Sample Info: 220-8385-c-8 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



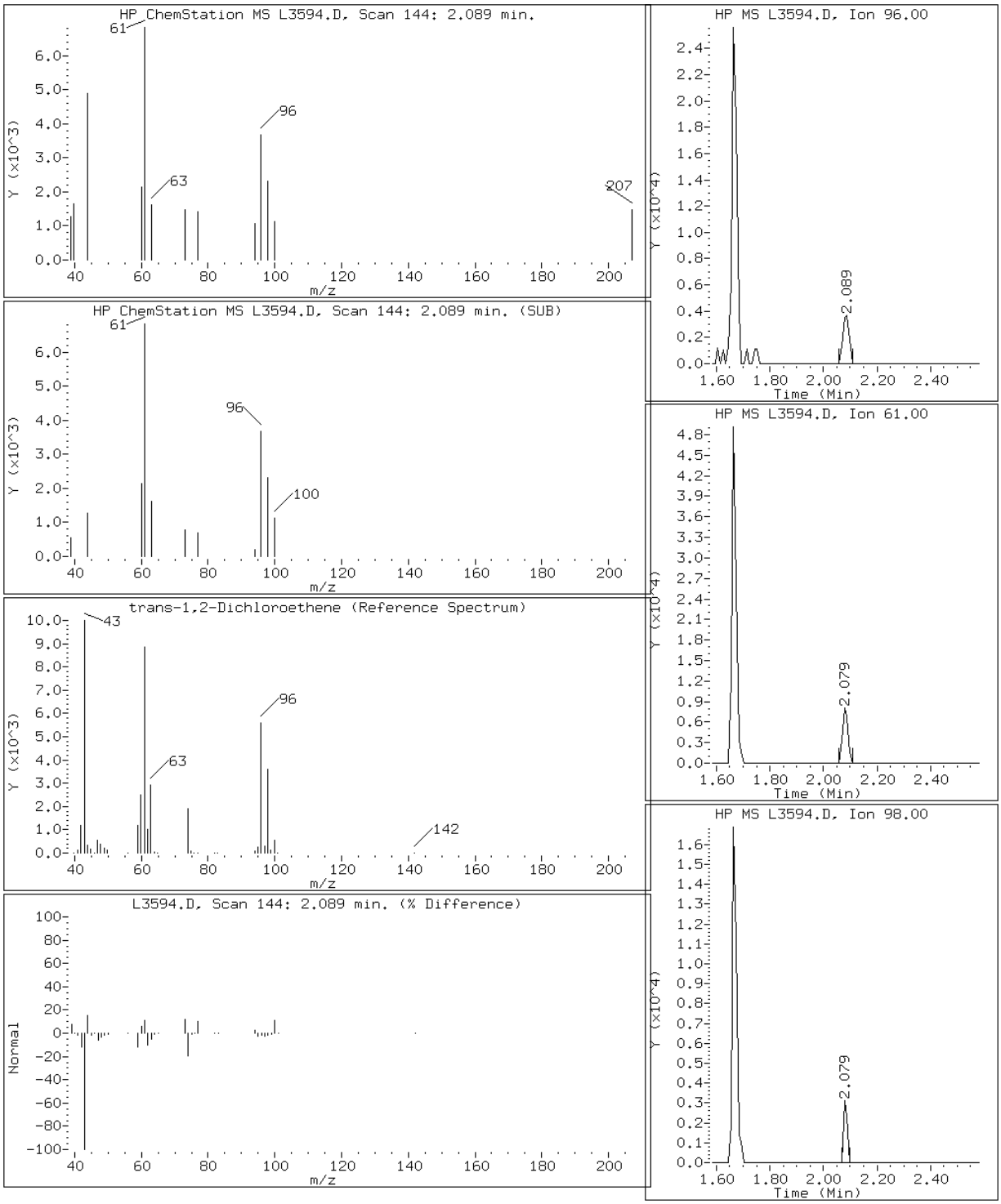
Data File: L3594.D

Date: 24-MAR-2009 01:37

Client ID: OW-6 Instrument: msl.i

Sample Info: 220-8385-c-8 Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-6 Lab Sample ID: 220-8385-8

Matrix: Water Lab File ID: W4001.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 16:51

Soil Aliquot Vol: Dilution Factor: 20

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1000		100	12

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117	53-125	
460-00-4	4-Bromofluorobenzene	86	73-127	
1868-53-7	Dibromofluoromethane	110	54-137	
2037-26-5	Toluene-d8 (Surr)	105	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W4001.D
Lab Smp Id: 220-8385-D-8 Client Smp ID: OW-6
Inj Date : 24-MAR-2009 16:51 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-d-8
Misc Info : : ;;; ; 8260 ; 20 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 17
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	647556	25.0000	
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	2984	0.31135	6
	21 Acetone	43	2.346	2.346	(0.473)	12313	2.58918	52
	22 trans-1,2-Dichloroethene	96	2.443	2.437	(0.493)	2011	0.22117	4(M)
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	20329	1.86287	37
	38 Chloroform	83	3.876	3.876	(0.782)	3713	0.21585	4
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	215953	27.4591	27
	52 Benzene	78	4.481	4.486	(0.904)	4886	0.12567	2
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	275402	29.1788	29
	60 Trichloroethene	130	5.150	5.150	(1.039)	509189	50.1655	1000
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	578972	25.0000	
	76 Toluene	91	6.861	6.861	(0.789)	4933	0.11670	2
$	77 Toluene-d8	98	6.803	6.803	(0.782)	786789	26.1721	26
	91 Xylene (total)mp	106	9.001	9.007	(1.034)	2264	0.13359	3
*	95 1,4-Dichlorobenzene-d4	152	11.114	11.115	(1.000)	297140	25.0000	
$	125 Bromofluorobenzene	95	10.119	10.114	(0.910)	230758	21.5928	22
M	126 1,2-Dichloroethene (total)	100				22340	2.08404	42
M	127 Xylene (total)	100				2264	0.13359	3

QC Flag Legend

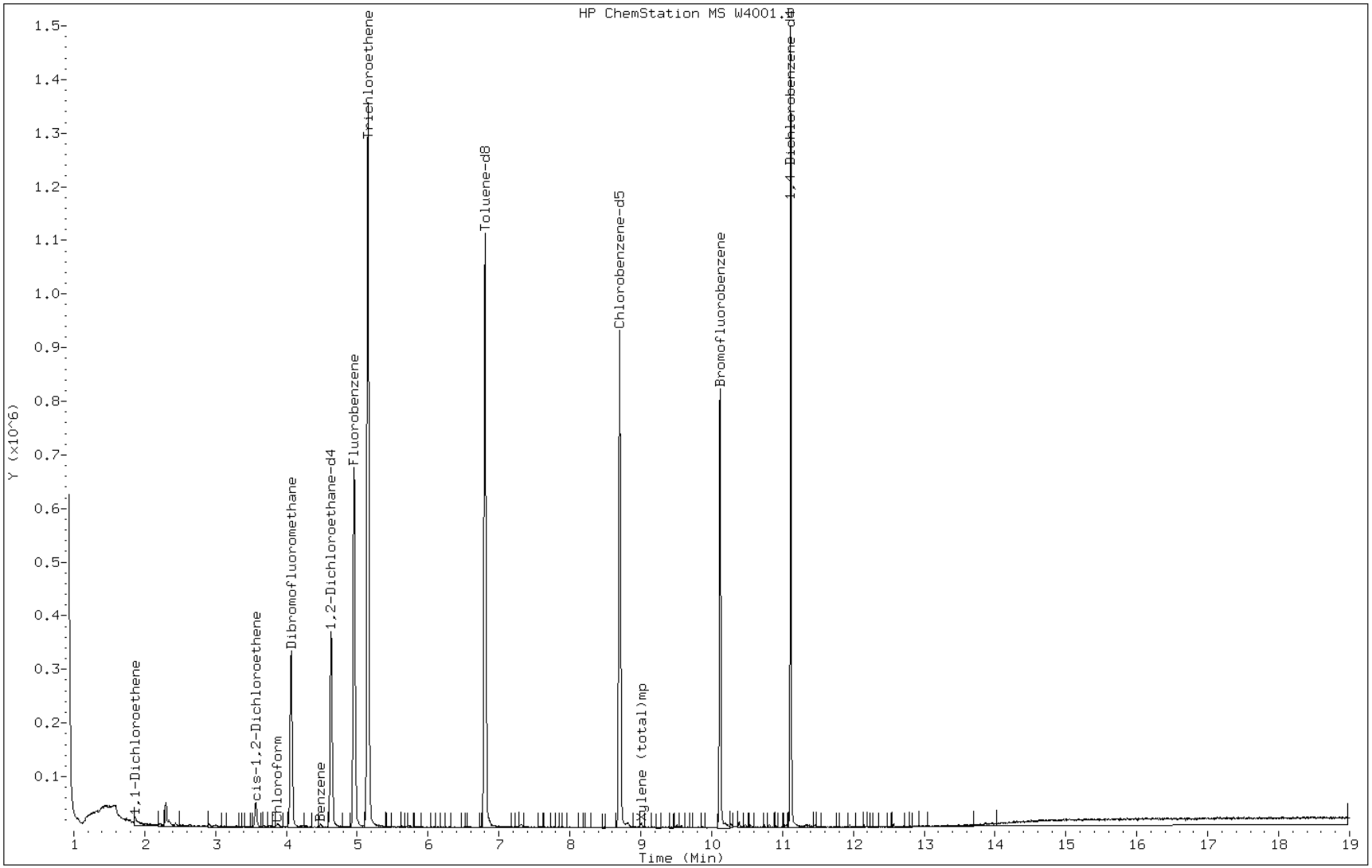
M - Compound response manually integrated.

Data File: W4001.D

Date: 24-MAR-2009 16:51

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8385-d-8 Operator: B.KOSTRZEWSKA



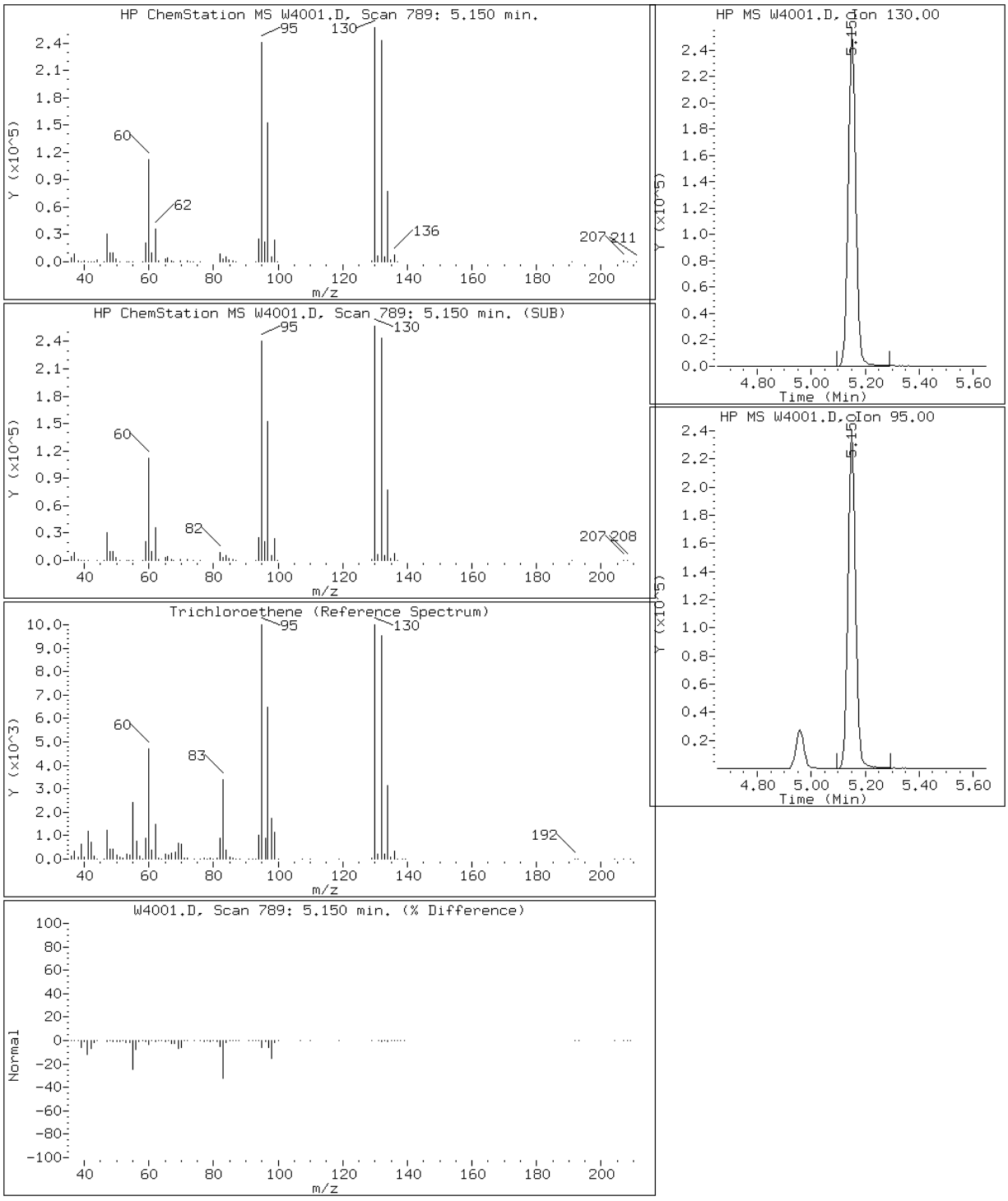
Data File: W4001.D

Date: 24-MAR-2009 16:51

Client ID: OW-6 Instrument: msw.i

Sample Info: 220-8385-d-8 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-35 S Lab Sample ID: 220-8385-9

Matrix: Water Lab File ID: W3991.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:55

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 12:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U *	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	85		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	6.7		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-35 S Lab Sample ID: 220-8385-9

Matrix: Water Lab File ID: W3991.D

Analysis Method: 8260B Date Collected: 03/11/2009 11:55

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 12:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113	53-125	
460-00-4	4-Bromofluorobenzene	88	73-127	
1868-53-7	Dibromofluoromethane	110	54-137	
2037-26-5	Toluene-d8 (Surr)	104	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3991.D
Lab Smp Id: 220-8385-C-9 Client Smp ID: MW-35 S
Inj Date : 24-MAR-2009 12:25 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-c-9
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	673301	25.0000	
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	5591	0.64716	0.6
	21 Acetone	43	2.336	2.346	(0.471)	3590	0.72604	0.7
	22 trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	1746	0.18468	0.2
	33 cis-1,2-Dichloroethene	96	3.566	3.571	(0.719)	75822	6.68236	7
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	224621	27.4691	27
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	278289	28.3573	28
	60 Trichloroethene	130	5.150	5.150	(1.039)	898597	85.1450	85
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	600970	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	814383	26.0984	26
	80 Tetrachloroethene	164	7.316	7.316	(0.841)	3690	0.26357	0.3
*	95 1,4-Dichlorobenzene-d4	152	11.114	11.115	(1.000)	307487	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	243595	22.0270	22
M	126 1,2-Dichloroethene (total)	100				77568	6.86704	7

Data File: W3991.D

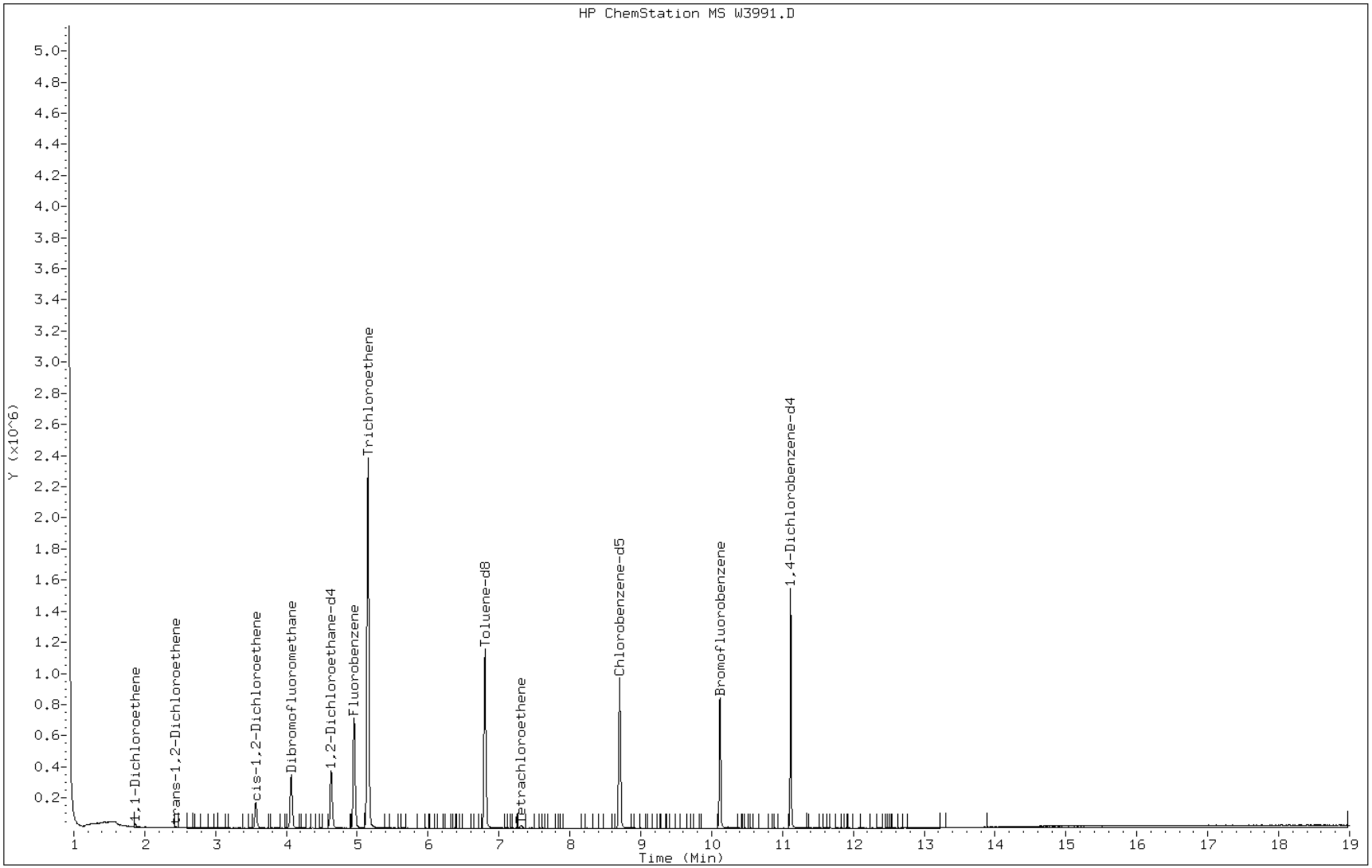
Date: 24-MAR-2009 12:25

Client ID: MW-35 S

Instrument: msw.i

Sample Info: 220-8385-c-9

Operator: B.KOSTRZEWSKA



Data File: W3991.D

Date: 24-MAR-2009 12:25

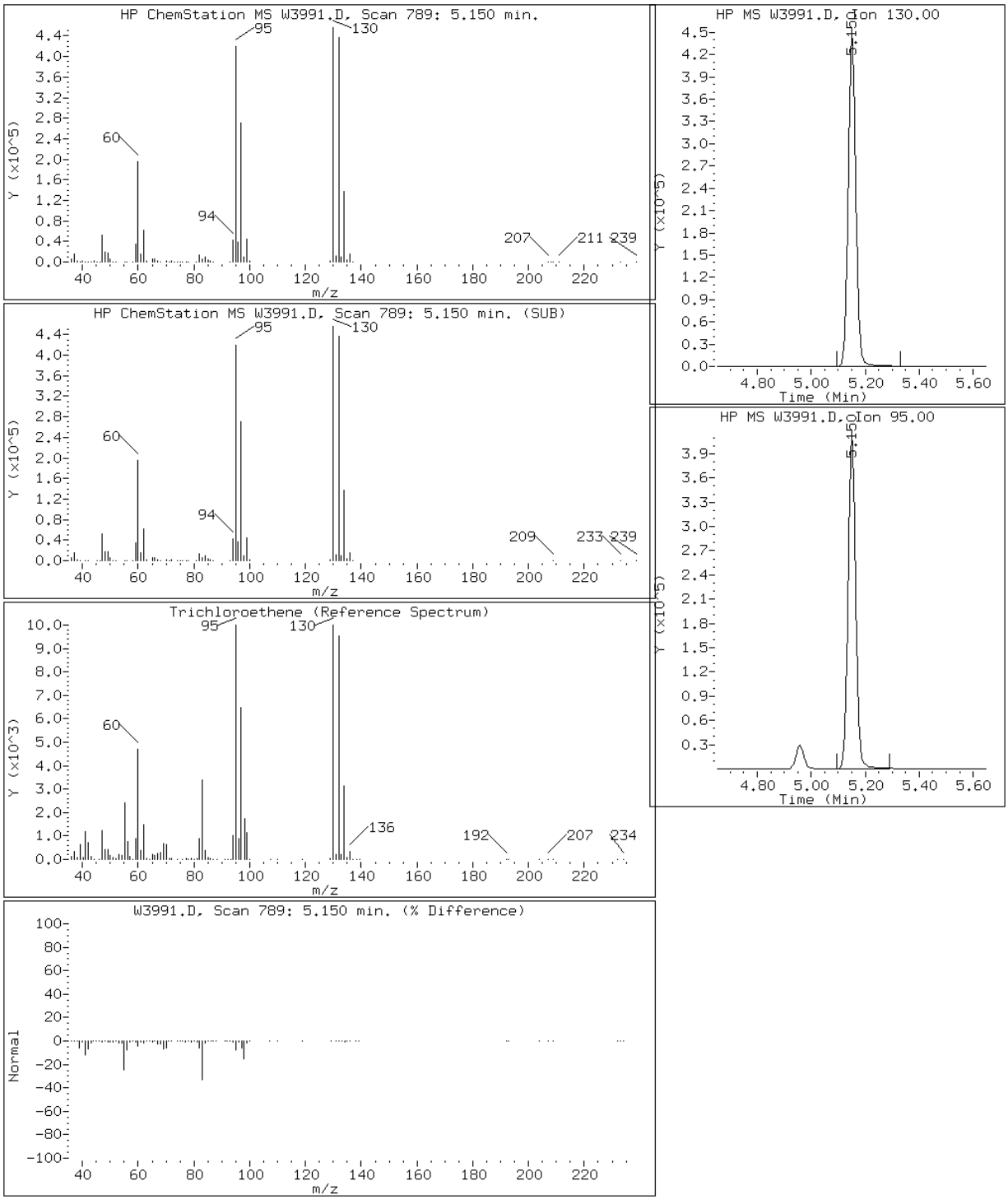
Client ID: MW-35 S

Instrument: msw.i

Sample Info: 220-8385-c-9

Operator: B.KOSTRZEWSKA

60 Trichloroethene



Data File: W3991.D

Date: 24-MAR-2009 12:25

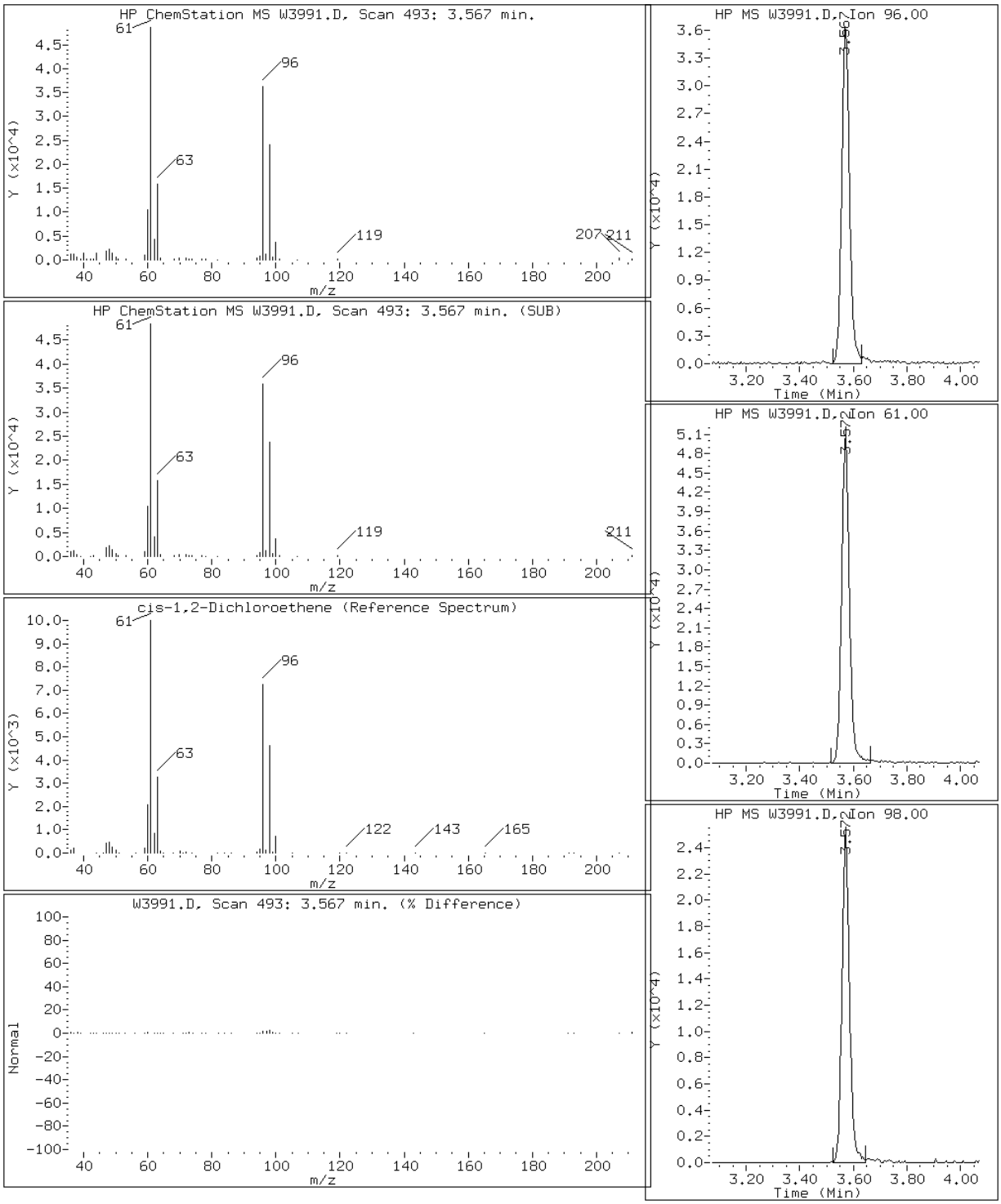
Client ID: MW-35 S

Instrument: msw.i

Sample Info: 220-8385-c-9

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-35 I | Lab Sample ID: 220-8385-10

Matrix: Water | Lab File ID: L3596.D

Analysis Method: 8260B | Date Collected: 03/11/2009 12:54

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 02:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	1.7	J	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	3.5	J	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.5	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	1.1	J	5.0	0.65
75-01-4	Vinyl chloride	1.8	J	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	12		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-35 I Lab Sample ID: 220-8385-10

Matrix: Water Lab File ID: L3596.D

Analysis Method: 8260B Date Collected: 03/11/2009 12:54

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 02:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81	53-125	
460-00-4	4-Bromofluorobenzene	81	73-127	
1868-53-7	Dibromofluoromethane	80	54-137	
2037-26-5	Toluene-d8 (Surr)	88	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3596.D
Lab Smp Id: 220-8385-C-10 Client Smp ID: MW-35 I
Inj Date : 24-MAR-2009 02:29 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-10
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.343	4.351	(1.000)	796991	25.0000	
	4 Vinyl Chloride	62	1.129	1.137	(0.260)	11336	1.75599	2
	14 1,1-Dichloroethene	96	1.671	1.669	(0.385)	19981	3.52700	4
	15 Carbon Disulfide	76	1.691	1.699	(0.389)	2333	0.10399	0.1
	22 trans-1,2-Dichloroethene	96	2.085	2.083	(0.480)	4782	0.60095	0.6
	24 Methyl tert-Butyl Ether	73	2.145	2.152	(0.494)	53817	1.89711	2
	31 1,1-Dichloroethane	63	2.499	2.497	(0.576)	27978	1.67635	2
	33 cis-1,2-Dichloroethene	96	2.933	2.941	(0.675)	112668	11.6690	12
$	41 Dibromofluoromethane	111	3.367	3.375	(0.775)	130954	20.1066	20
$	55 1,2-Dichloroethane-d4	65	3.988	3.986	(0.918)	173549	20.3196	20
	60 Trichloroethene	130	4.540	4.548	(1.045)	5927175	740.462	740(A)
	74 1,1,2-Trichloroethane	97	6.725	6.727	(1.548)	9197	1.13271	1
*	75 Chlorobenzene-d5	117	7.563	7.564	(1.000)	644397	25.0000	
$	77 Toluene-d8	98	6.094	6.096	(0.806)	361411	22.0063	22
	80 Tetrachloroethene	164	6.518	6.519	(0.862)	7207	1.47547	1
*	95 1,4-Dichlorobenzene-d4	152	9.633	9.635	(1.000)	254524	25.0000	
$	125 Bromofluorobenzene	95	8.657	8.659	(0.899)	132458	20.1820	20
M	126 1,2-Dichloroethene (total)	100				117450	12.2700	12

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: L3596.D

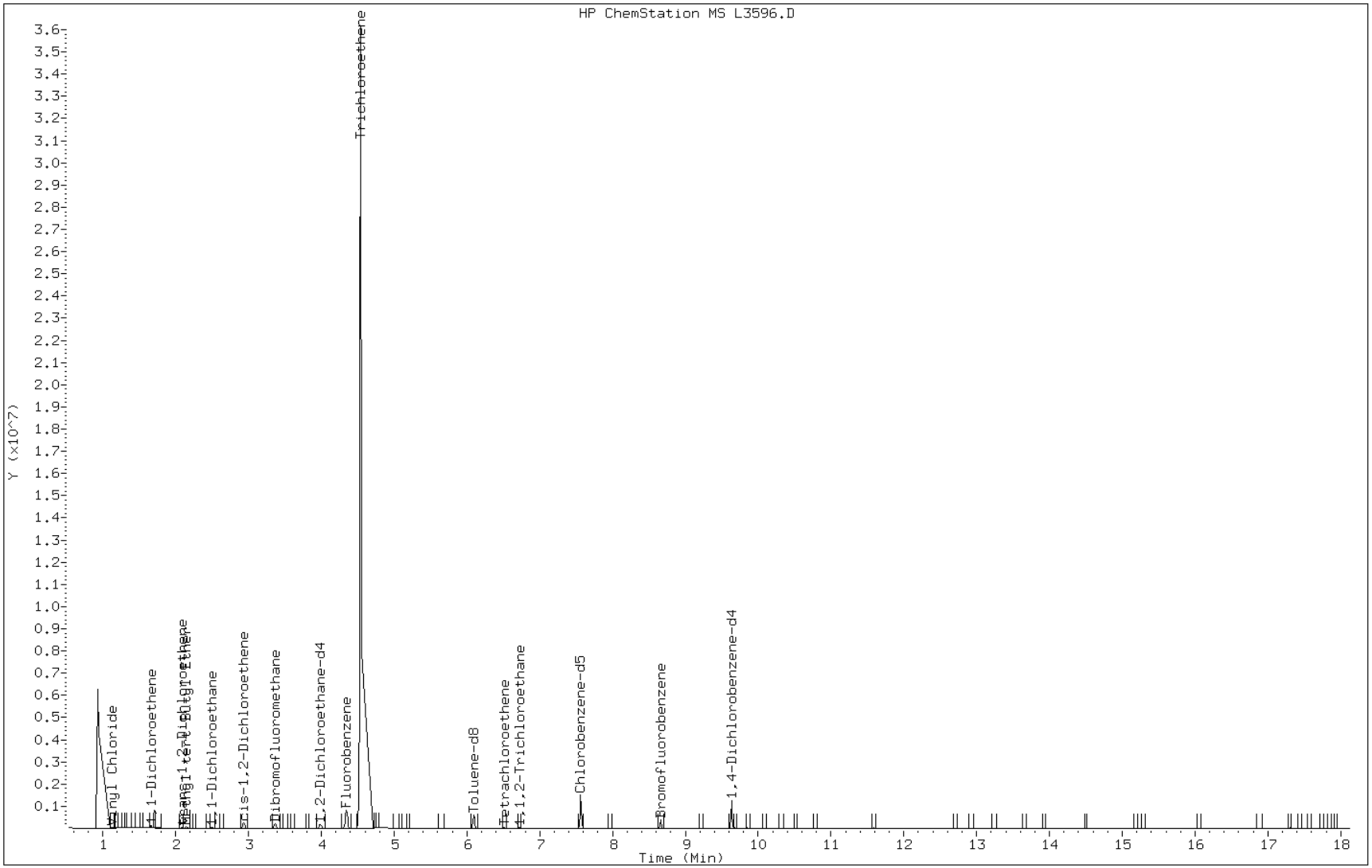
Date: 24-MAR-2009 02:29

Client ID: MW-35 I

Instrument: msl.i

Sample Info: 220-8385-c-10

Operator: B.KOSTRZEWSKA



Data File: L3596.D

Date: 24-MAR-2009 02:29

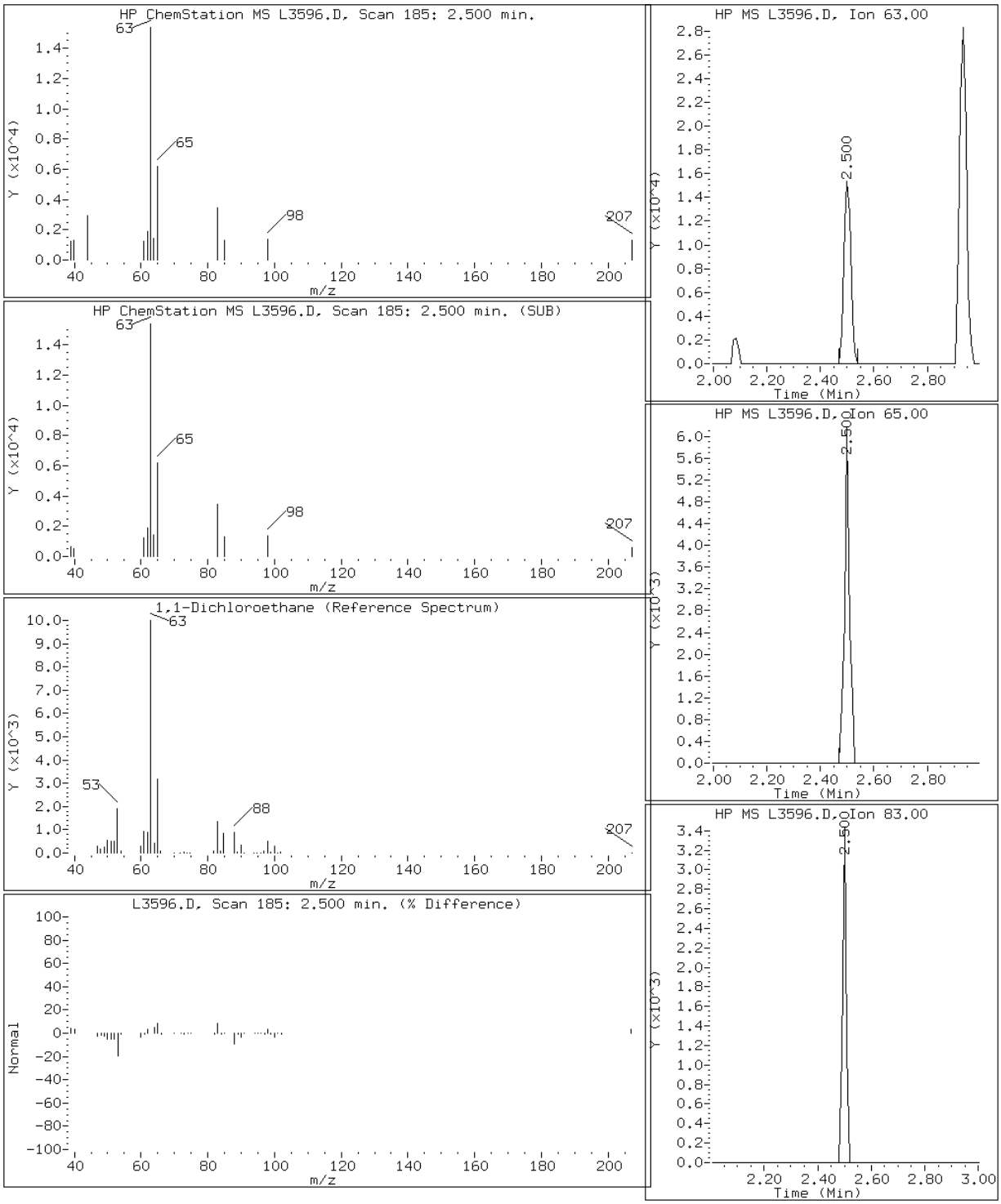
Client ID: MW-35 I

Instrument: msl.i

Sample Info: 220-8385-c-10

Operator: B.KOSTRZEWSKA

31 1,1-Dichloroethane



Data File: L3596.D

Date: 24-MAR-2009 02:29

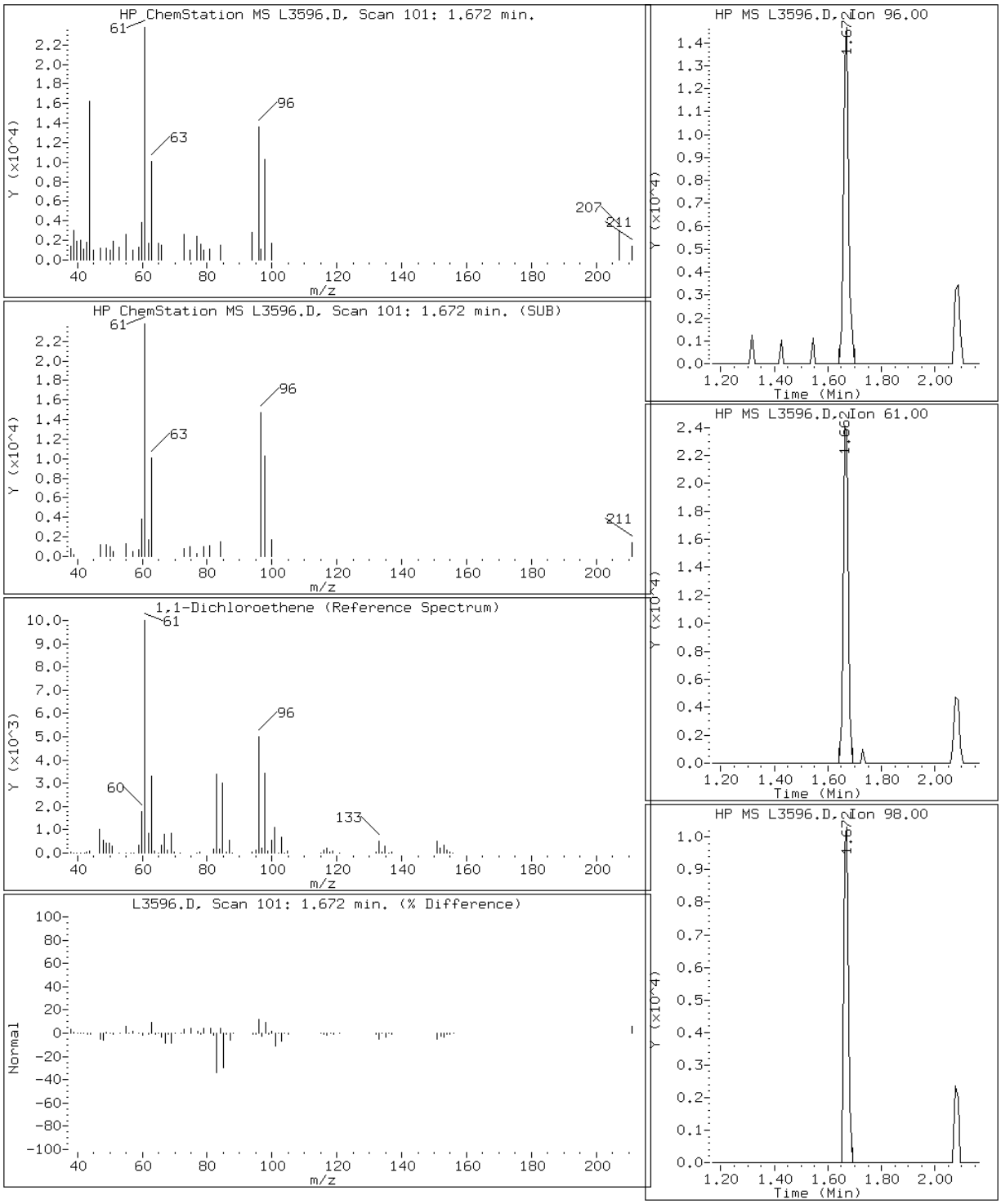
Client ID: MW-35 I

Instrument: msl.i

Sample Info: 220-8385-c-10

Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: L3596.D

Date: 24-MAR-2009 02:29

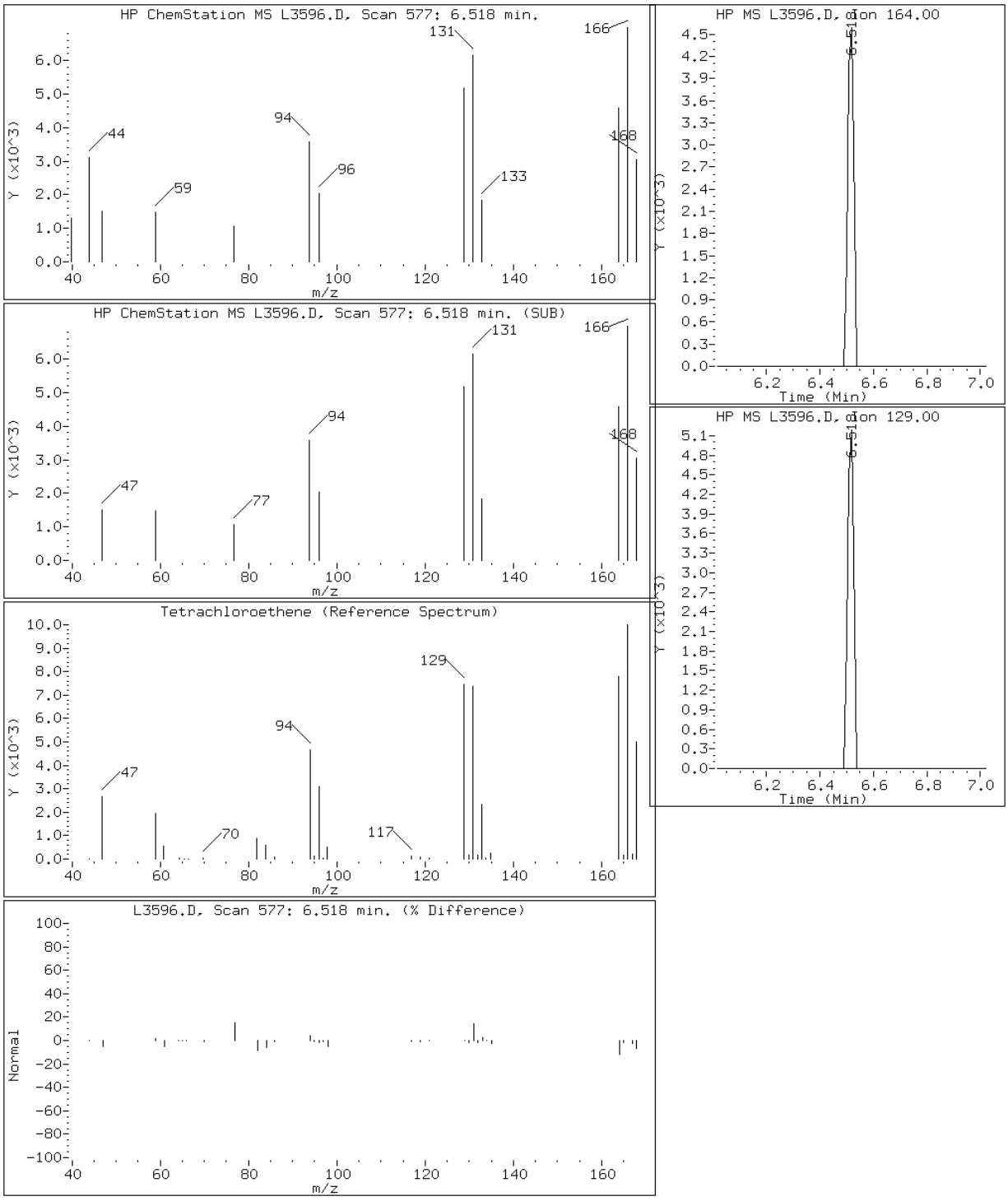
Client ID: MW-35 I

Instrument: msl.i

Sample Info: 220-8385-c-10

Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



Data File: L3596.D

Date: 24-MAR-2009 02:29

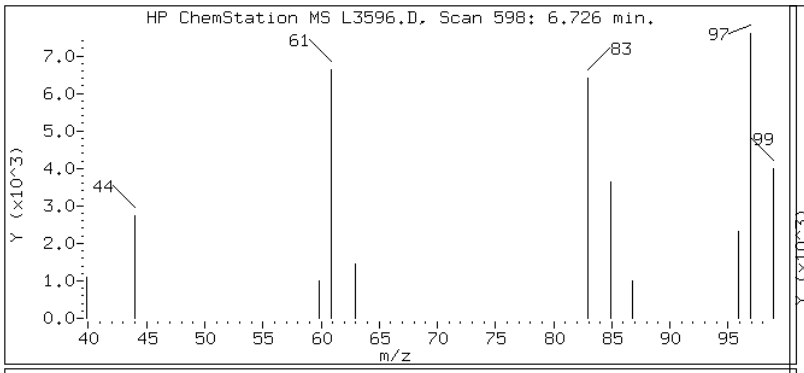
Client ID: MW-35 I

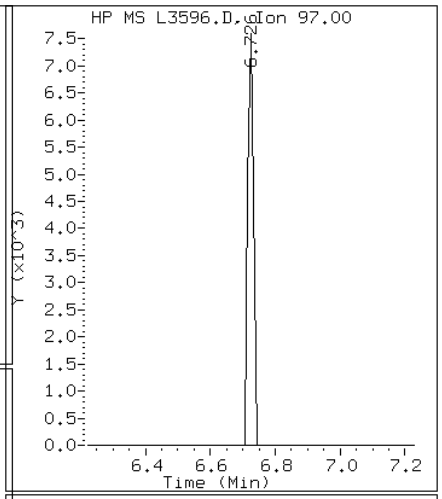
Instrument: msl.i

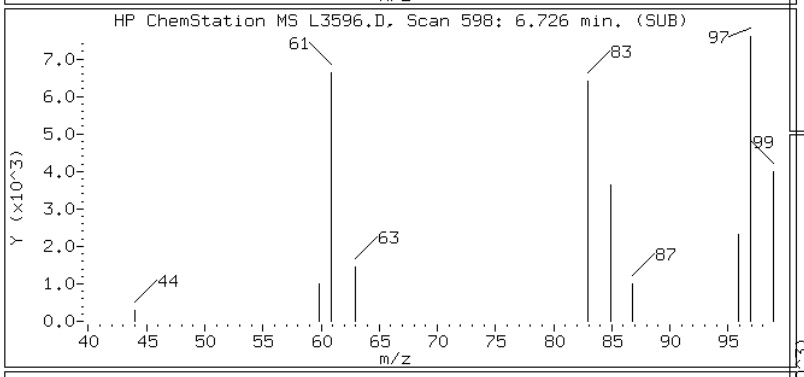
Sample Info: 220-8385-c-10

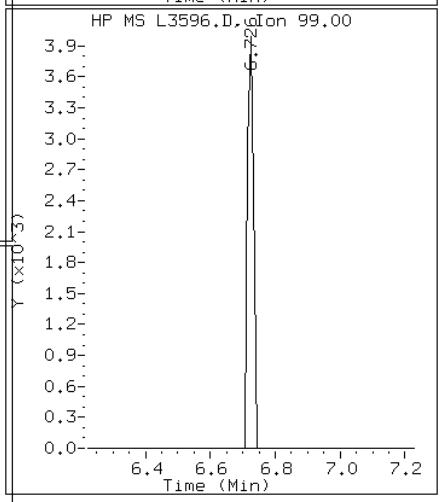
Operator: B.KOSTRZEWSKA

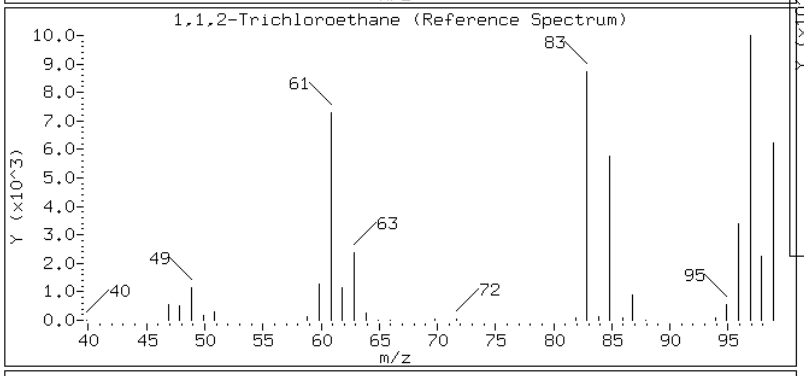
74 1,1,2-Trichloroethane

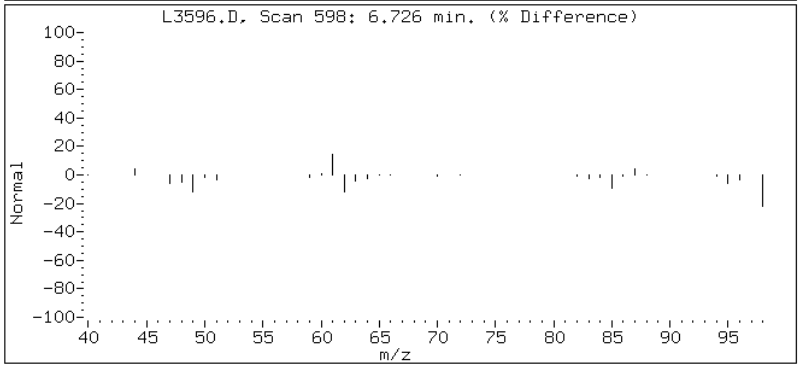












Data File: L3596.D

Date: 24-MAR-2009 02:29

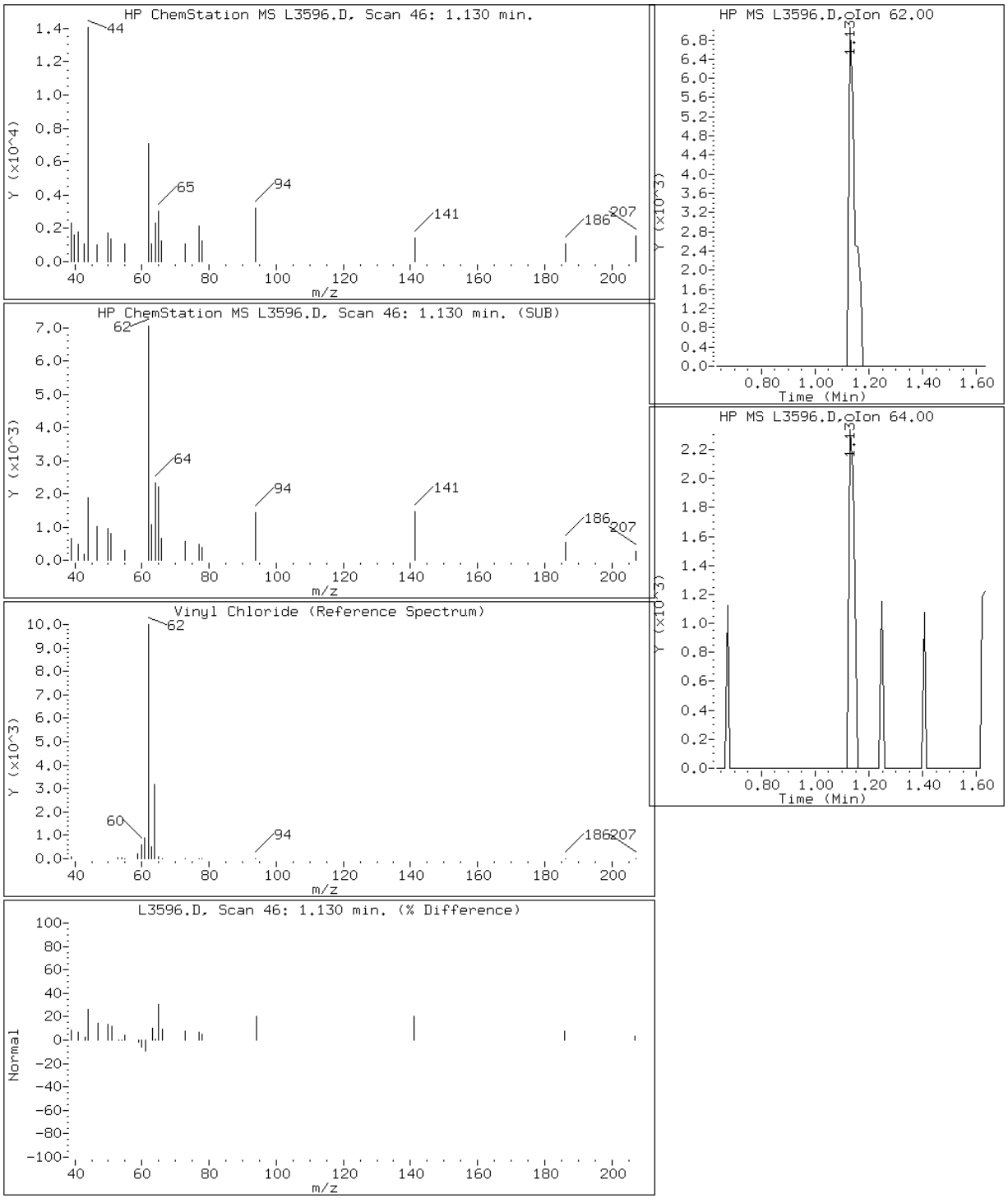
Client ID: MW-35 I

Instrument: msl.i

Sample Info: 220-8385-c-10

Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



Data File: L3596.D

Date: 24-MAR-2009 02:29

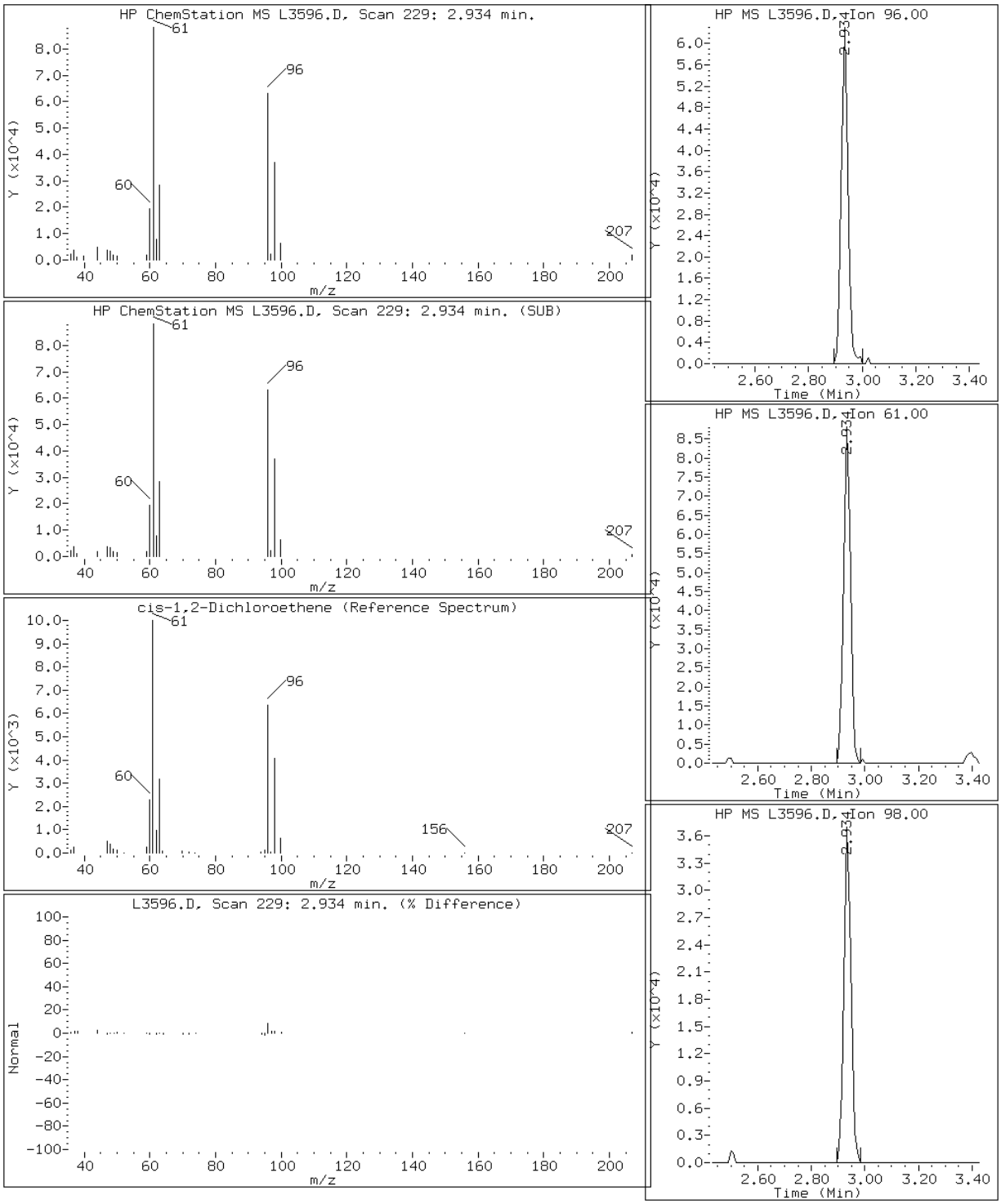
Client ID: MW-35 I

Instrument: msl.i

Sample Info: 220-8385-c-10

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-35 I | Lab Sample ID: 220-8385-10

Matrix: Water | Lab File ID: W3998.D

Analysis Method: 8260B | Date Collected: 03/11/2009 12:54

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 15:32

Soil Aliquot Vol: | Dilution Factor: 50

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25483 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	3700		250	31

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	110	54-137	
2037-26-5	Toluene-d8 (Surr)	103	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3998.D
Lab Smp Id: 220-8385-D-10 Client Smp ID: MW-35 I
Inj Date : 24-MAR-2009 15:32 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-d-10
Misc Info : : ;;; ; 8260 ; 50 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 14
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	50.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	647524	25.0000	
	21 Acetone	43	2.346	2.346	(0.473)	4707	0.98984	49(M)
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	3535	0.32395	16
	38 Chloroform	83	3.876	3.876	(0.782)	2958	0.17197	8
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	215794	27.4402	27
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	273889	29.0200	29
	60 Trichloroethene	130	5.150	5.150	(1.039)	748819	73.7776	3700
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	584375	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	781927	25.7699	26
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	296429	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	230687	21.6380	22
M	126 1,2-Dichloroethene (total)	100				3535	0.32395	16

QC Flag Legend

M - Compound response manually integrated.

Data File: W3998.D

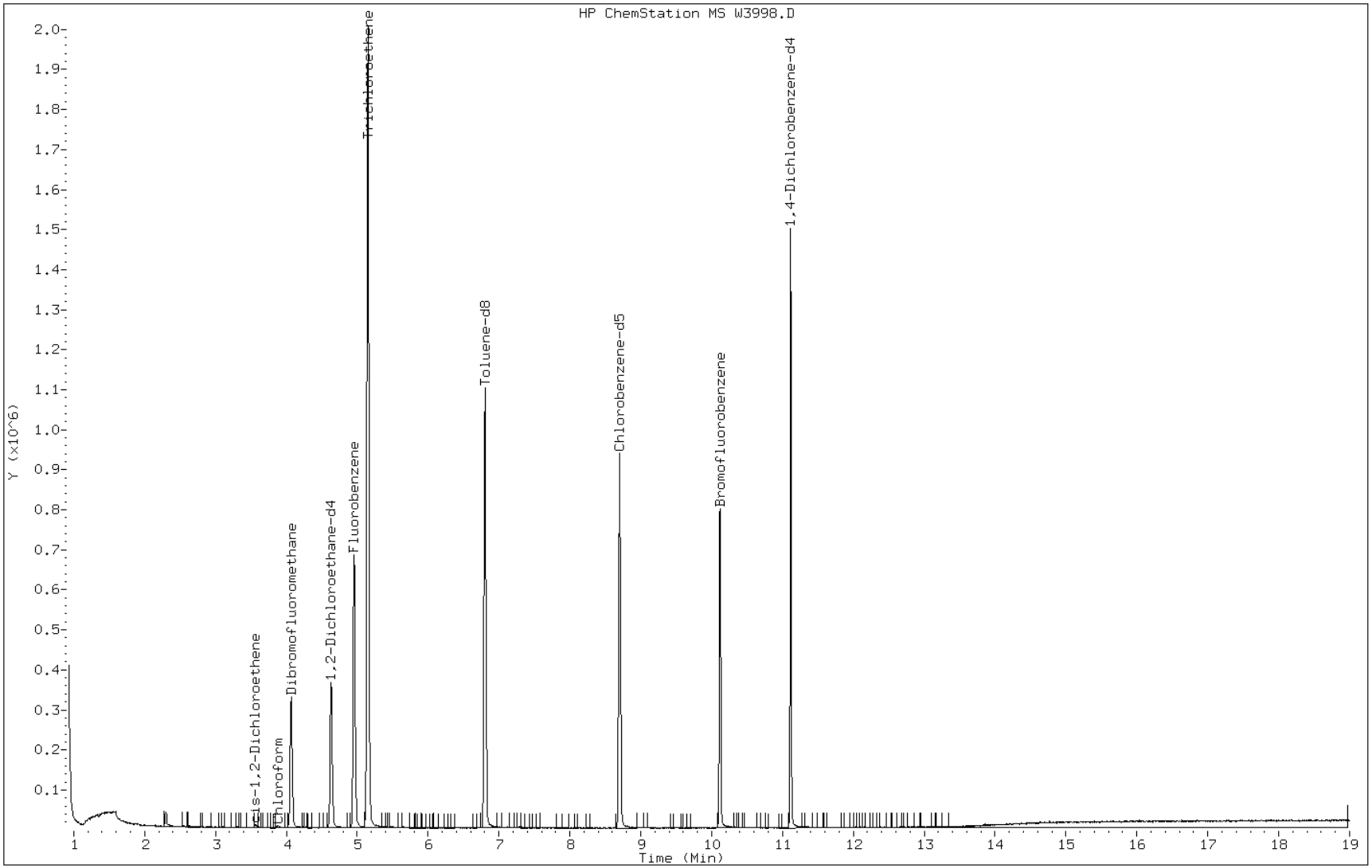
Date: 24-MAR-2009 15:32

Client ID: MW-35 I

Instrument: msw.i

Sample Info: 220-8385-d-10

Operator: B.KOSTRZEWSKA



Data File: W3998.D

Date: 24-MAR-2009 15:32

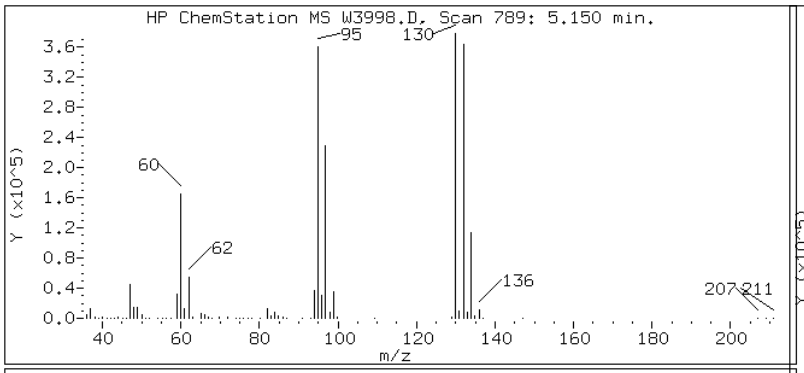
Client ID: MW-35 I

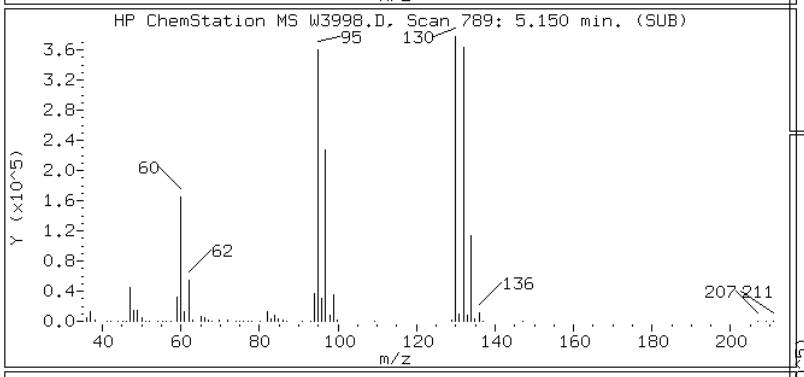
Instrument: msw.i

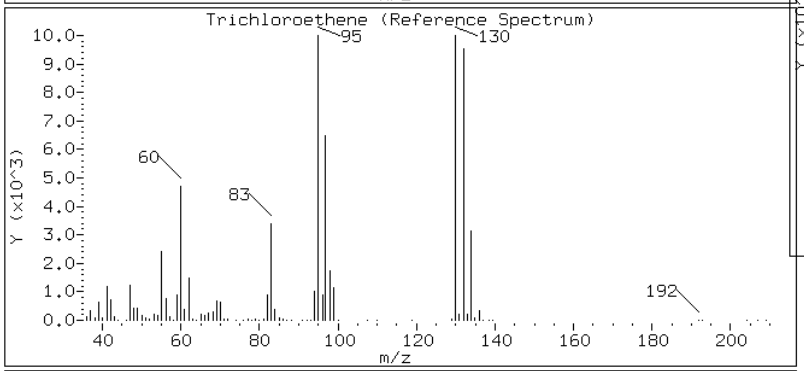
Sample Info: 220-8385-d-10

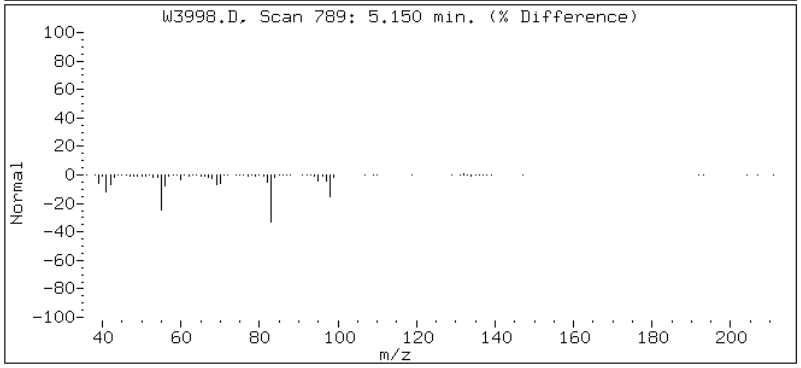
Operator: B.KOSTRZEWSKA

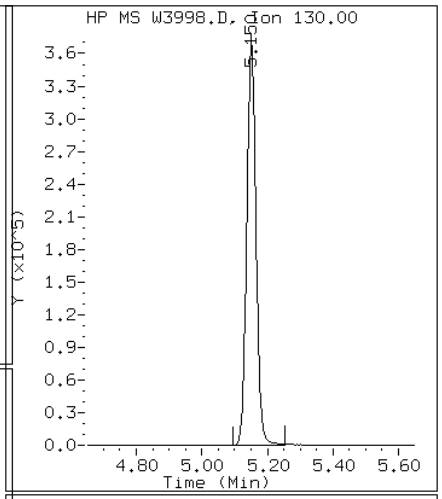
60 Trichloroethene

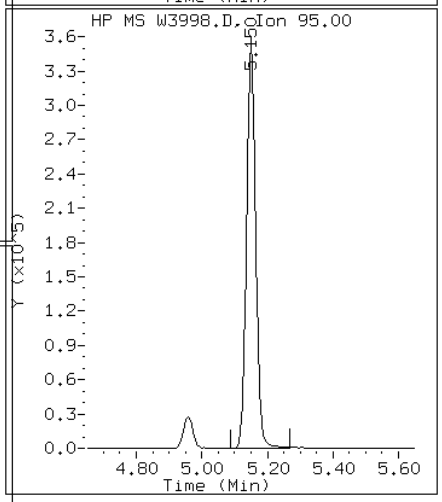












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-4 Lab Sample ID: 220-8385-11

Matrix: Water Lab File ID: L3597.D

Analysis Method: 8260B Date Collected: 03/11/2009 13:48

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 02:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	25		5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.1	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	1.4	J	5.0	0.65
75-01-4	Vinyl chloride	18		5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-60-5	trans-1,2-Dichloroethene	10		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-4 Lab Sample ID: 220-8385-11

Matrix: Water Lab File ID: L3597.D

Analysis Method: 8260B Date Collected: 03/11/2009 13:48

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 02:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87	53-125	
460-00-4	4-Bromofluorobenzene	81	73-127	
1868-53-7	Dibromofluoromethane	90	54-137	
2037-26-5	Toluene-d8 (Surr)	93	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3597.D
Lab Smp Id: 220-8385-D-11 Client Smp ID: OW-4
Inj Date : 24-MAR-2009 02:55 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-d-11
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.348	4.351	(1.000)	782333	25.0000	
	4 Vinyl Chloride	62	1.134	1.137	(0.261)	112805	17.8014	18
	14 1,1-Dichloroethene	96	1.666	1.669	(0.383)	139305	25.0505	25
	15 Carbon Disulfide	76	1.696	1.699	(0.390)	2311	0.10494	0.1
	22 trans-1,2-Dichloroethene	96	2.080	2.083	(0.479)	77925	9.97618	10
	24 Methyl tert-Butyl Ether	73	2.149	2.152	(0.494)	79318	2.84844	3
	33 cis-1,2-Dichloroethene	96	2.938	2.941	(0.676)	2416127	254.927	250(A)
	38 Chloroform	83	3.184	3.187	(0.732)	5722	0.30954	0.3
$	41 Dibromofluoromethane	111	3.372	3.375	(0.776)	143540	22.4519	22
$	55 1,2-Dichloroethane-d4	65	3.983	3.986	(0.916)	181388	21.6353	22
	60 Trichloroethene	130	4.535	4.548	(1.043)	4713358	599.856	600(A)
	74 1,1,2-Trichloroethane	97	6.730	6.727	(1.548)	11136	1.39721	1(H)
*	75 Chlorobenzene-d5	117	7.568	7.564	(1.000)	645469	25.0000	
$	77 Toluene-d8	98	6.099	6.096	(0.806)	384431	23.3691	23
	80 Tetrachloroethene	164	6.513	6.519	(0.861)	5506	1.12536	1
*	95 1,4-Dichlorobenzene-d4	152	9.638	9.635	(1.000)	269855	25.0000	
$	125 Bromofluorobenzene	95	8.662	8.659	(0.899)	141254	20.2995	20
M	126 1,2-Dichloroethene (total)	100				2494052	264.903	260

QC Flag Legend

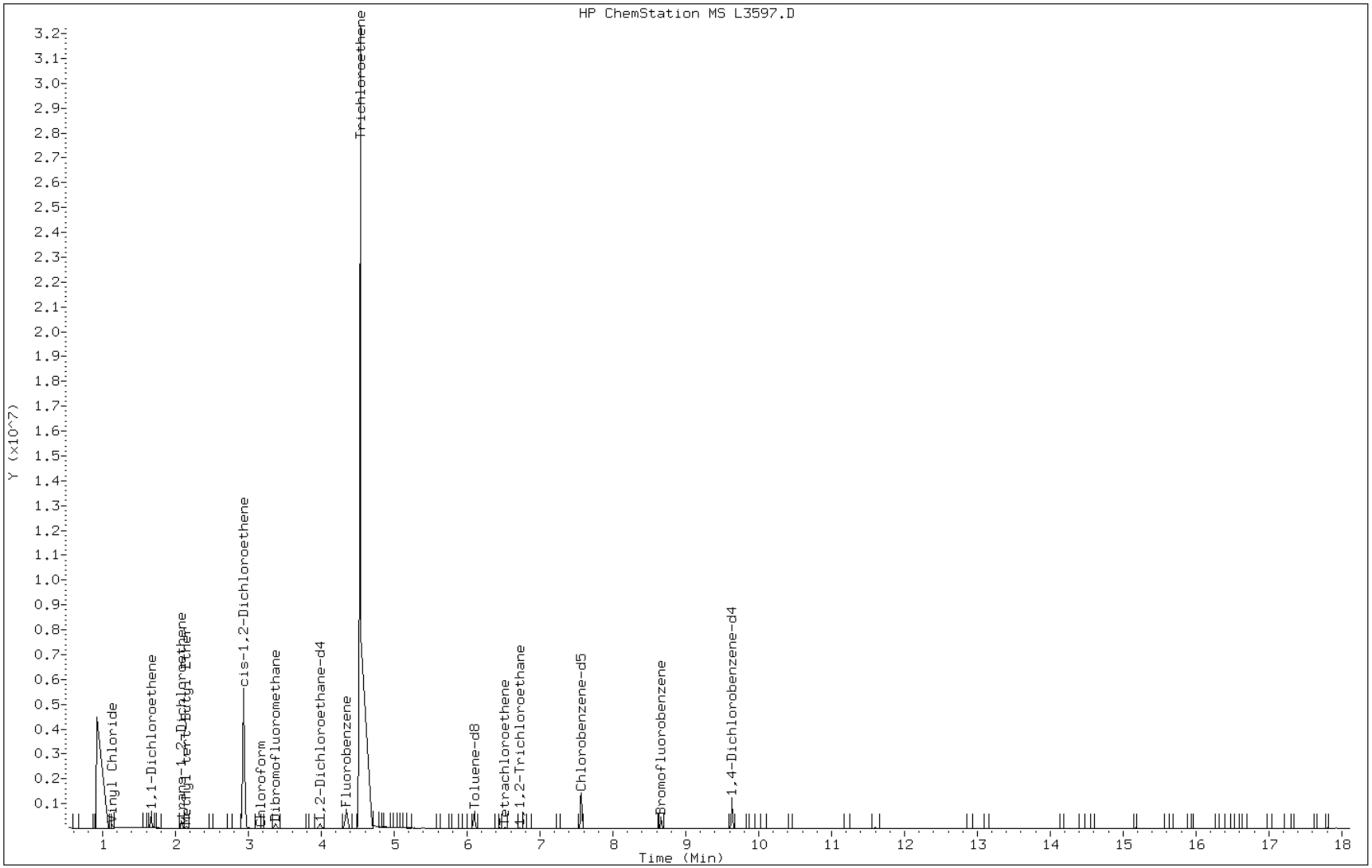
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: L3597.D

Date: 24-MAR-2009 02:55

Client ID: OW-4 Instrument: msl.i

Sample Info: 220-8385-d-11 Operator: B.KOSTRZEWSKA



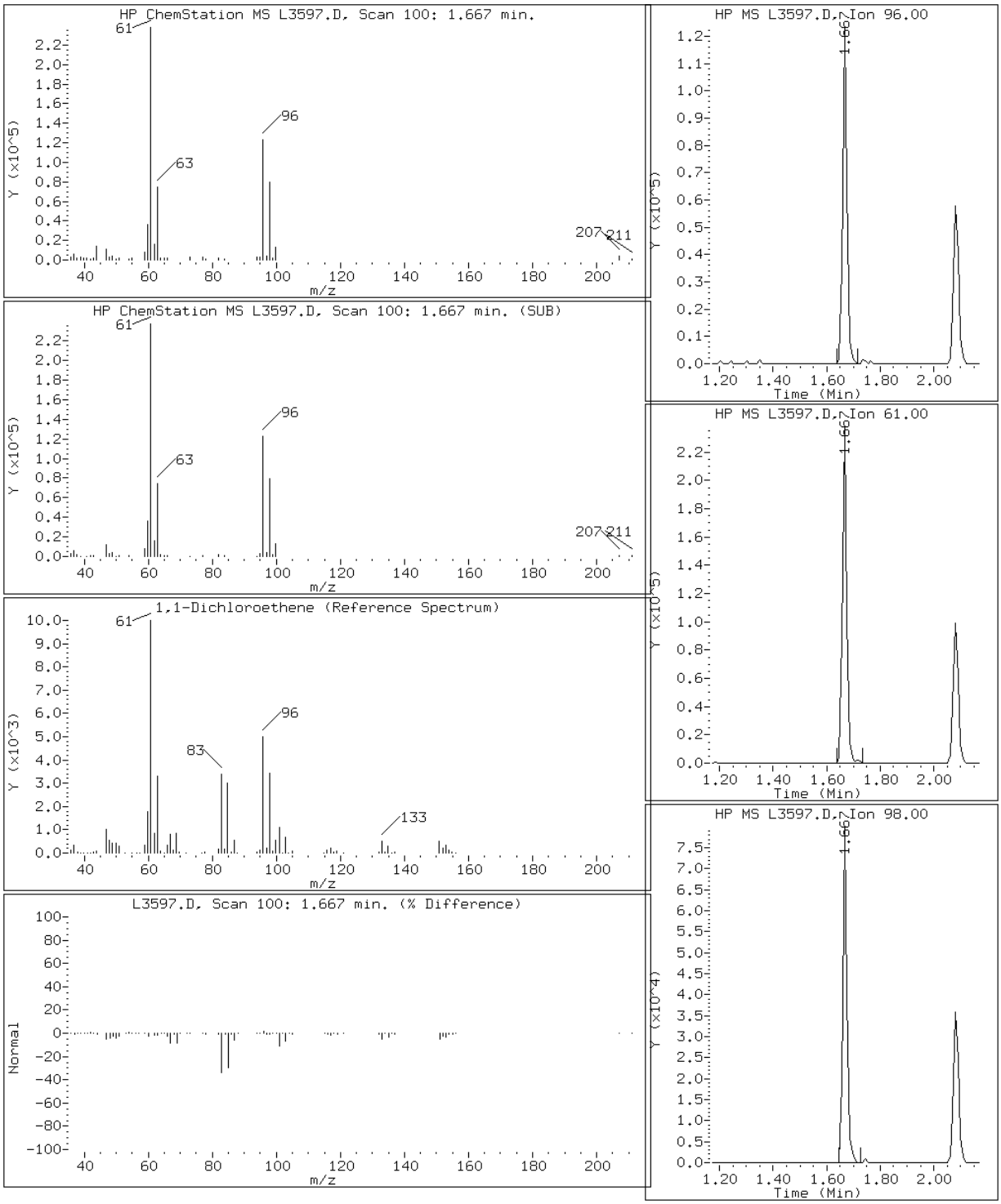
Data File: L3597.D

Date: 24-MAR-2009 02:55

Client ID: OW-4 Instrument: msl.i

Sample Info: 220-8385-d-11 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



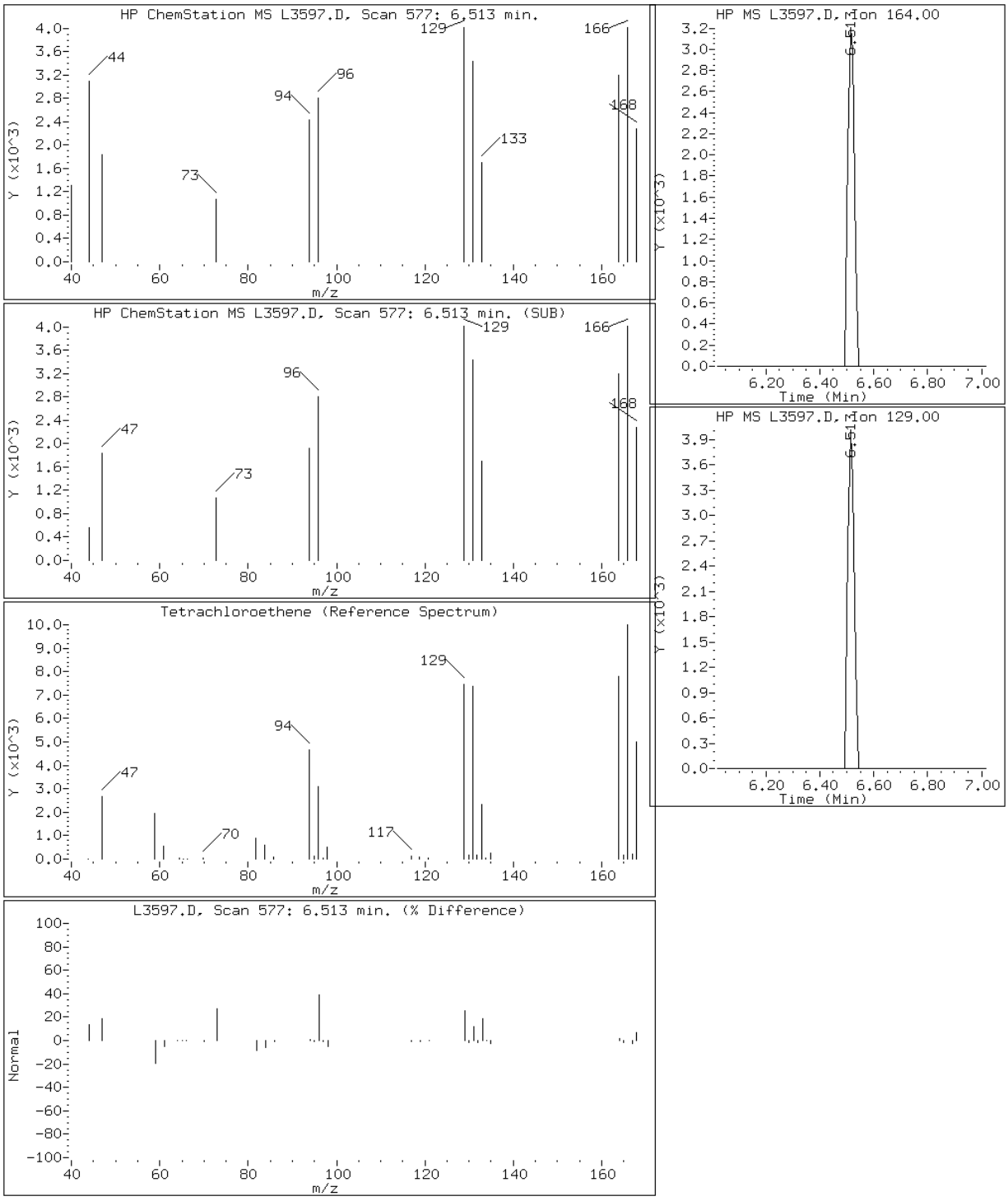
Data File: L3597.D

Date: 24-MAR-2009 02:55

Client ID: OW-4 Instrument: msl.i

Sample Info: 220-8385-d-11 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



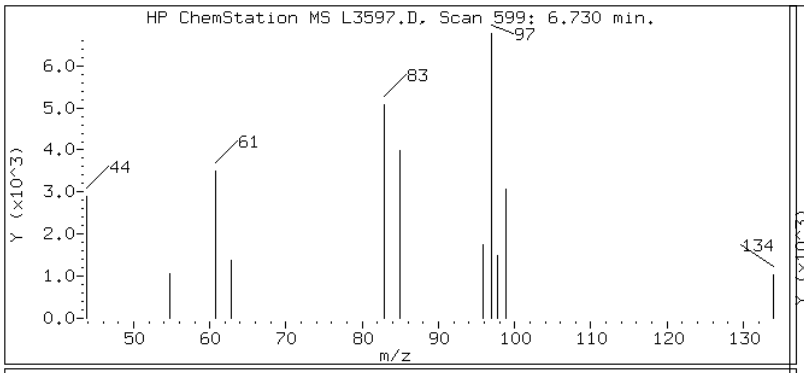
Data File: L3597.D

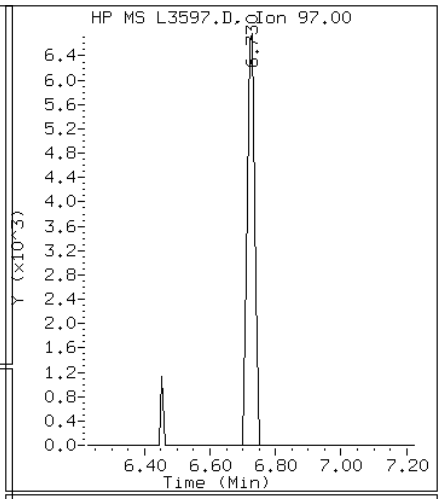
Date: 24-MAR-2009 02:55

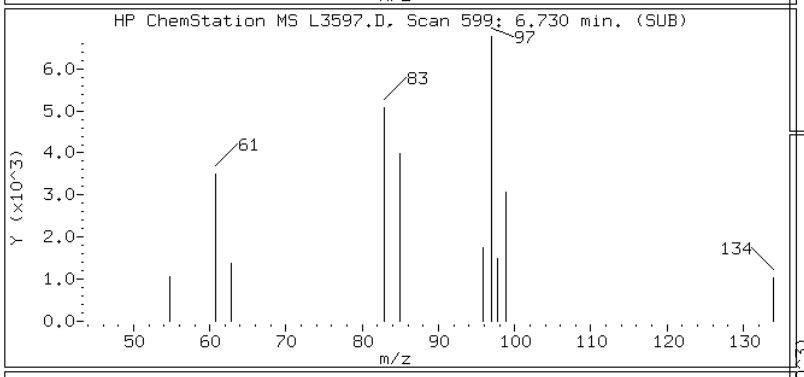
Client ID: OW-4 Instrument: msl.i

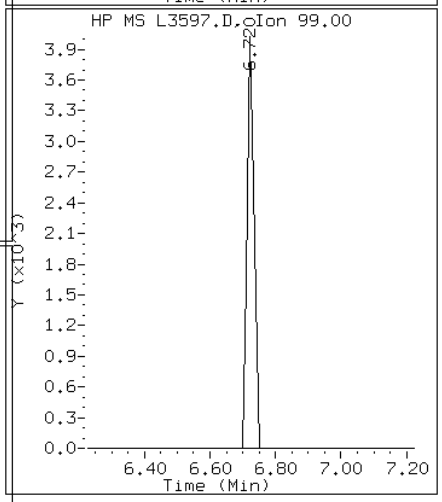
Sample Info: 220-8385-d-11 Operator: B.KOSTRZEWSKA

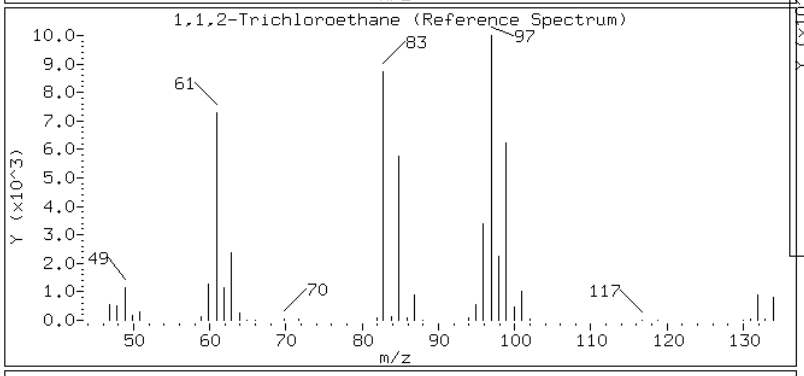
74 1,1,2-Trichloroethane

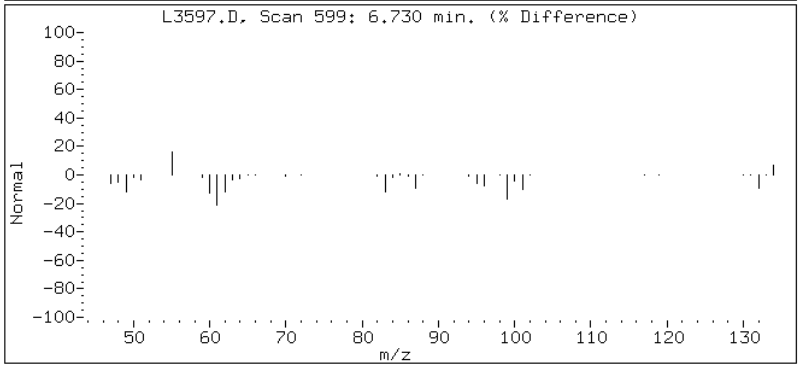












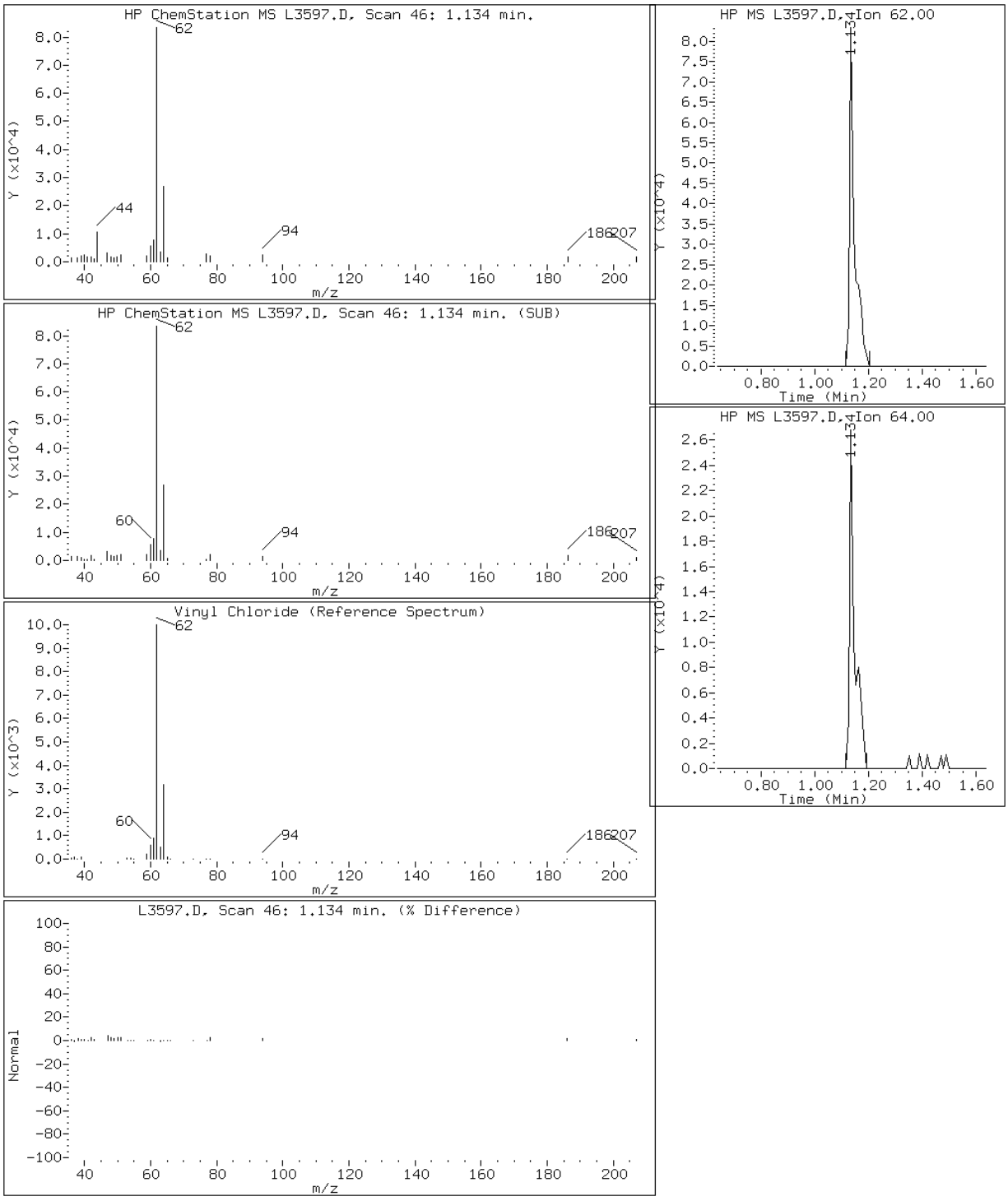
Data File: L3597.D

Date: 24-MAR-2009 02:55

Client ID: OW-4 Instrument: msl.i

Sample Info: 220-8385-d-11 Operator: B.KOSTRZEWSKA

4 Vinyl Chloride



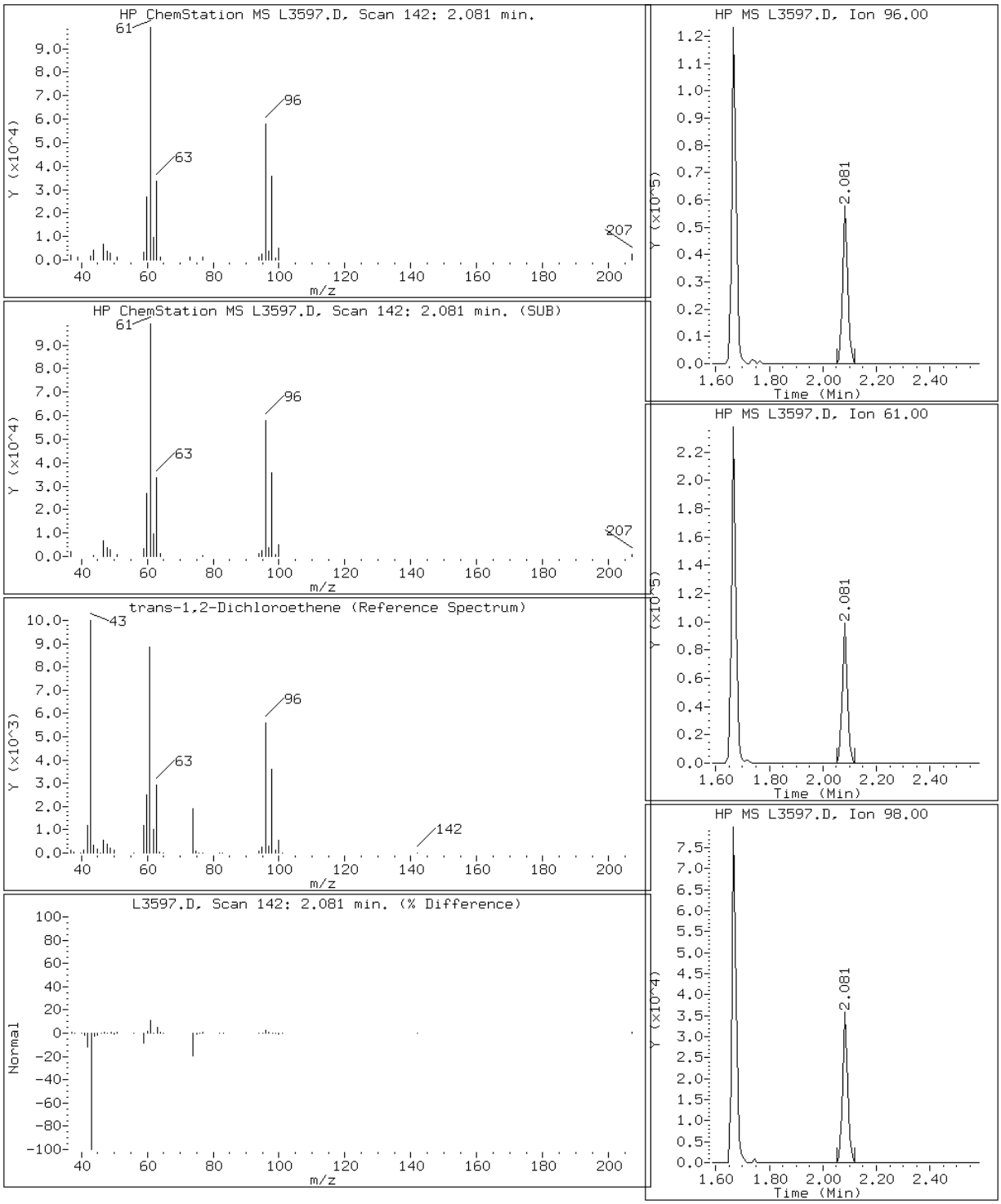
Data File: L3597.D

Date: 24-MAR-2009 02:55

Client ID: OW-4 Instrument: msl.i

Sample Info: 220-8385-d-11 Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-4 Lab Sample ID: 220-8385-11

Matrix: Water Lab File ID: W3999.D

Analysis Method: 8260B Date Collected: 03/11/2009 13:48

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 15:58

Soil Aliquot Vol: Dilution Factor: 100

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	7900		500	62
156-59-2	cis-1,2-Dichloroethene	280	J	500	99

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	110	54-137	
2037-26-5	Toluene-d8 (Surr)	104	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3999.D
Lab Smp Id: 220-8385-C-11 Client Smp ID: OW-4
Inj Date : 24-MAR-2009 15:58 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : 220-8385-c-11
Misc Info : : ;;; ; 8260 ; 100 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 15
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	100.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	648715	25.0000	
	14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	3134	0.33161	33
	21 Acetone	43	2.347	2.346	(0.473)	8424	1.76824	180
	22 trans-1,2-Dichloroethene	96	2.432	2.437	(0.491)	1736	0.19058	19(M)
	33 cis-1,2-Dichloroethene	96	3.566	3.571	(0.719)	30587	2.79786	280
	38 Chloroform	83	3.887	3.876	(0.784)	2540	0.14740	15
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	216237	27.4460	27
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	273419	28.9170	29
	60 Trichloroethene	130	5.150	5.150	(1.039)	807487	79.4118	7900
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	577325	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	779061	25.9889	26
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	299609	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	234365	21.7496	22
M	126 1,2-Dichloroethene (total)	100				32323	2.98845	300

QC Flag Legend

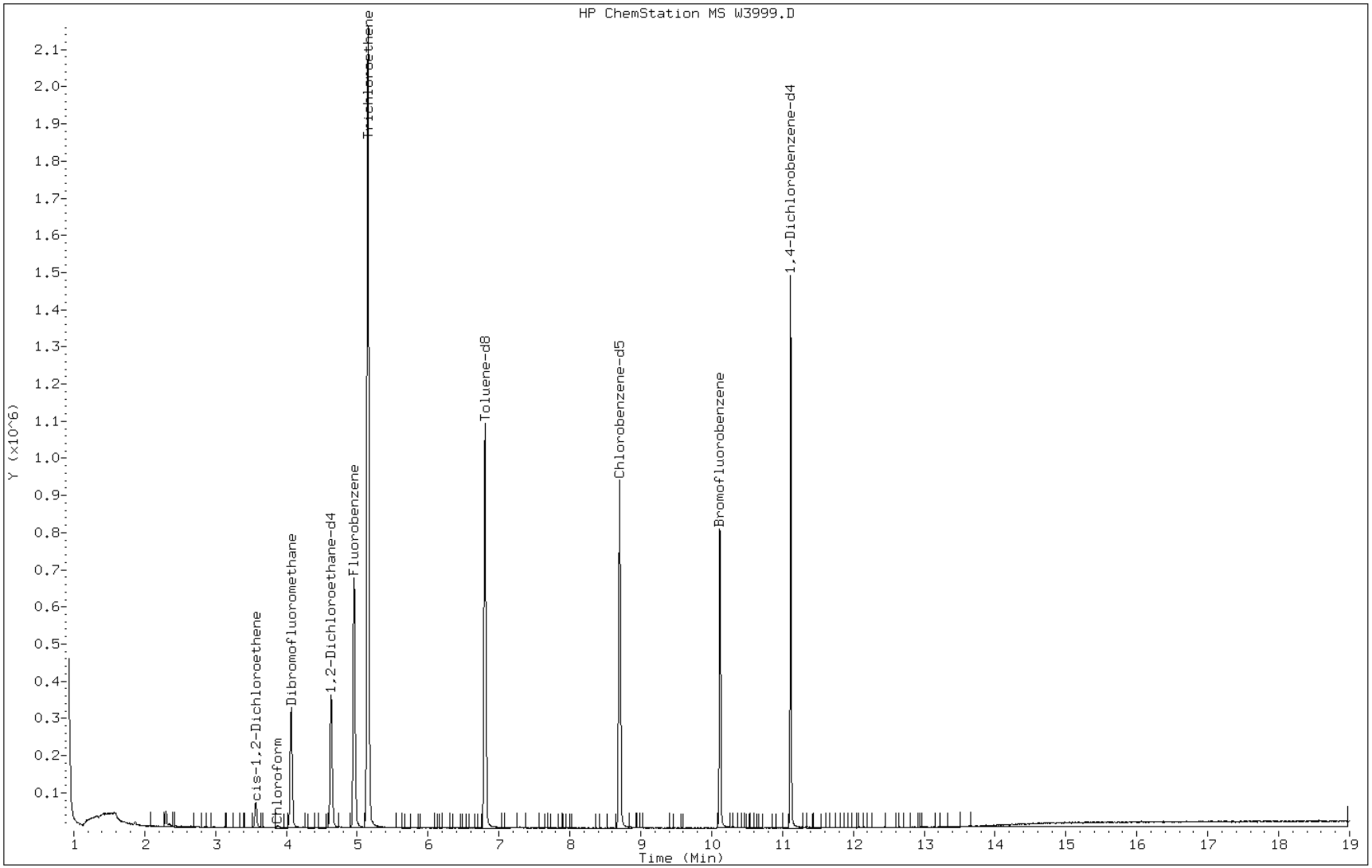
M - Compound response manually integrated.

Data File: W3999.D

Date: 24-MAR-2009 15:58

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-8385-c-11 Operator: B.KOSTRZEWSKA



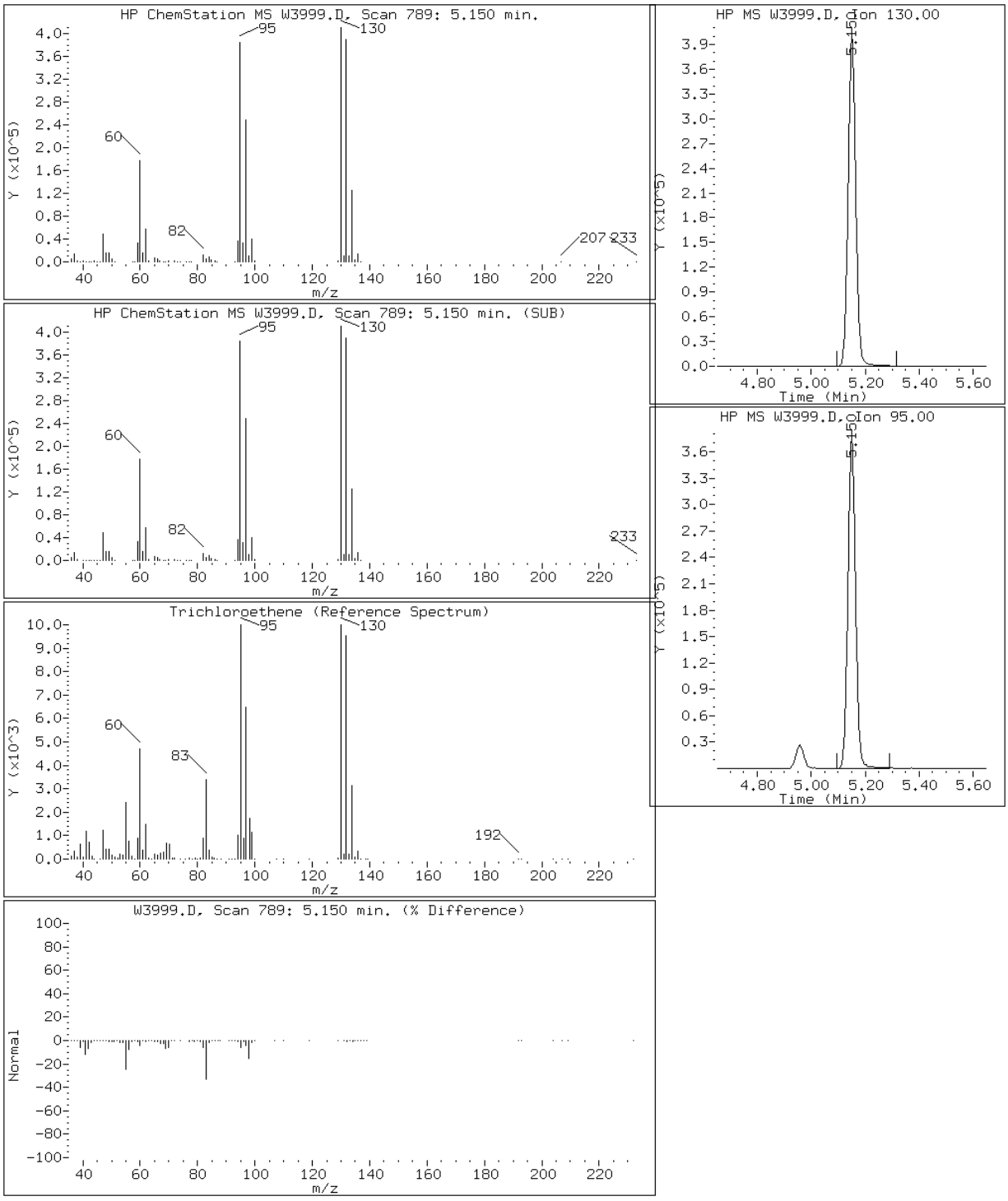
Data File: W3999.D

Date: 24-MAR-2009 15:58

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-8385-c-11 Operator: B.KOSTRZEWSKA

60 Trichloroethene



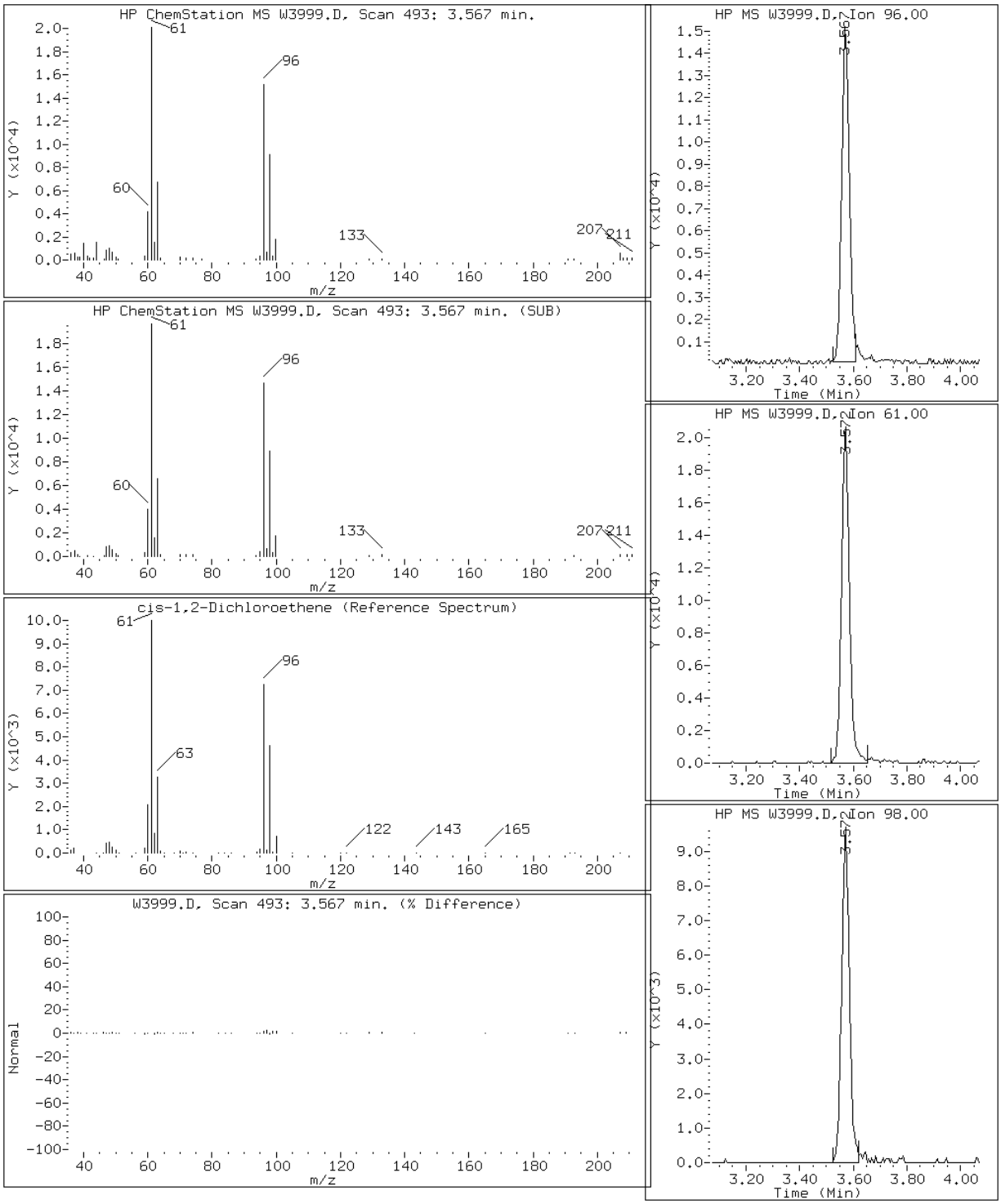
Data File: W3999.D

Date: 24-MAR-2009 15:58

Client ID: OW-4 Instrument: msw.i

Sample Info: 220-8385-c-11 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: TB-031109 Lab Sample ID: 220-8385-12

Matrix: Water Lab File ID: V2789.D

Analysis Method: 8260B Date Collected: 03/11/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2009 14:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25517 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U *	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	1.7	J B	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: TB-031109 Lab Sample ID: 220-8385-12

Matrix: Water Lab File ID: V2789.D

Analysis Method: 8260B Date Collected: 03/11/2009 00:00

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2009 14:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25517 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	53-125	
460-00-4	4-Bromofluorobenzene	76	73-127	
1868-53-7	Dibromofluoromethane	95	54-137	
2037-26-5	Toluene-d8 (Surr)	89	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V2789.D
Lab Smp Id: 220-8385-B-12 Client Smp ID: TB-031109
Inj Date : 25-MAR-2009 14:25
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-8385-B-12
Misc Info : 220-8385-B-12
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V8260LOW.m
Meth Date : 25-Mar-2009 09:45 barbara Quant Type: ISTD
Cal Date : 23-MAR-2009 18:11 Cal File: V2727.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.695	4.695	(1.000)	1404951	25.0000	
	3 Chloromethane	50	1.034	1.045	(0.220)	1674	1.68170	2(M)
	21 Acetone	43	2.160	2.166	(0.460)	13283	0.99788	1.0
$	41 Dibromofluoromethane	111	3.815	3.815	(0.812)	319068	23.7884	24
	45 2-Butanone	43	3.964	3.959	(0.844)	4297	0.86802	0.9
$	55 1,2-Dichloroethane-d4	65	4.375	4.375	(0.932)	349138	23.9138	24
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1081223	25.0000	
$	77 Toluene-d8	98	6.542	6.542	(0.775)	1137552	22.1984	22
*	95 1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	564945	25.0000	
$	125 Bromofluorobenzene	95	9.920	9.915	(0.906)	364670	19.0219	19

QC Flag Legend

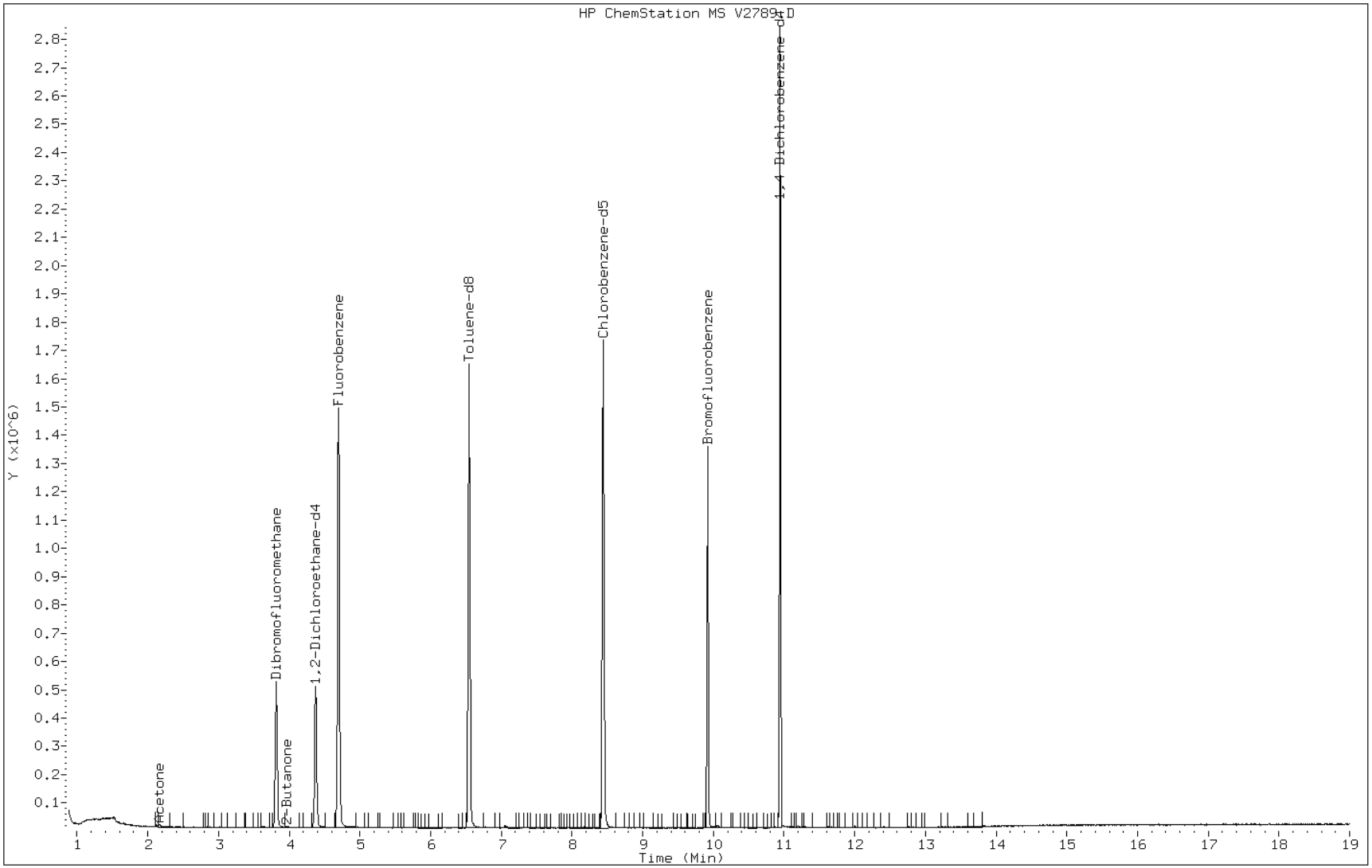
M - Compound response manually integrated.

Data File: V2789.D

Date: 25-MAR-2009 14:25

Client ID: TB-031109 Instrument: msv.i

Sample Info: 220-8385-B-12 Operator: B.KOSTRZEWSKA



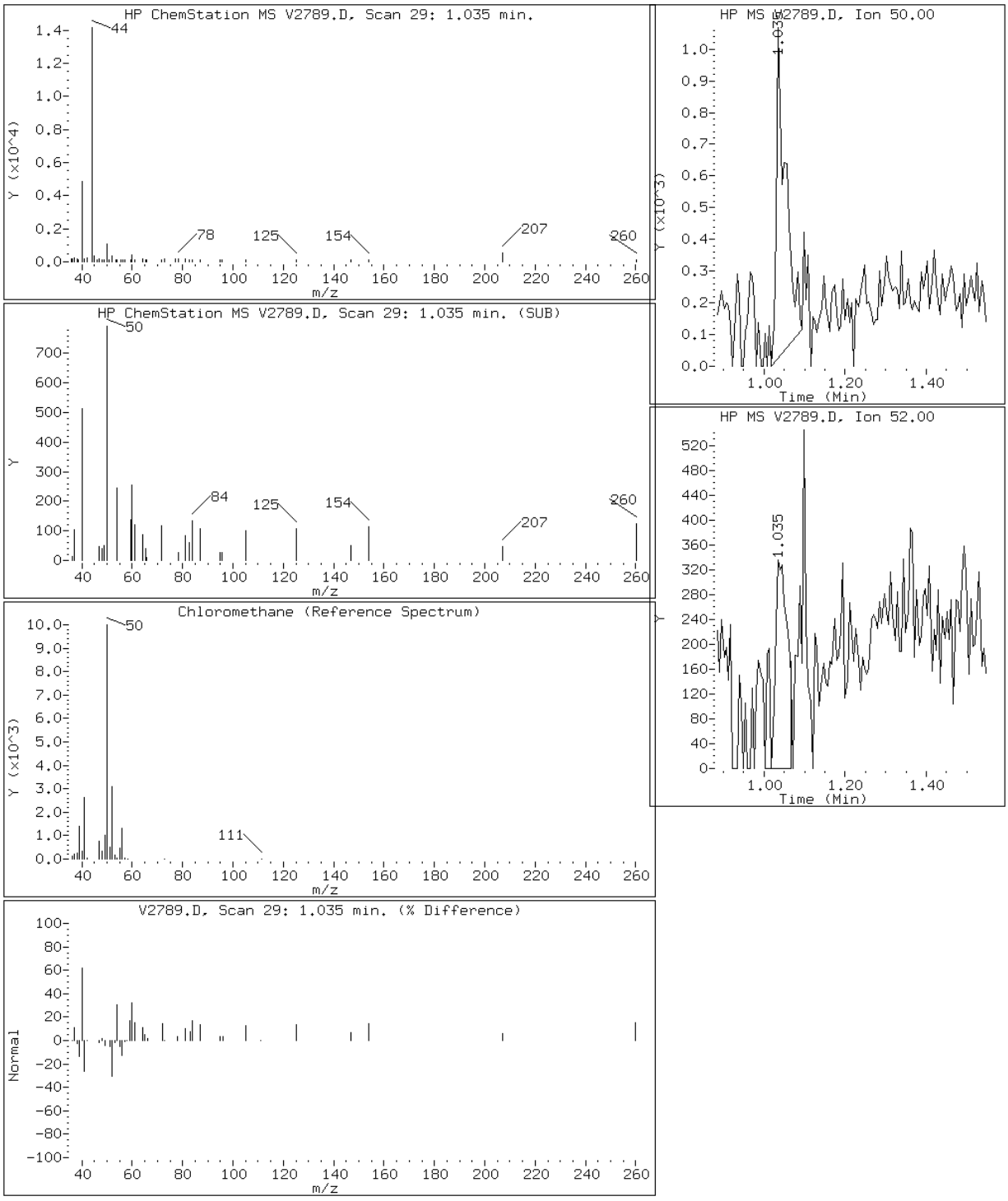
Data File: V2789.D

Date: 25-MAR-2009 14:25

Client ID: TB-031109 Instrument: msv.i

Sample Info: 220-8385-B-12 Operator: B.KOSTRZEWSKA

3 Chloromethane



Manual Integration Report

Data File: V2789.D
Inj. Date and Time: 25-MAR-2009 14:25
Instrument ID: msv.i
Client ID: TB-031109
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 03/25/2009

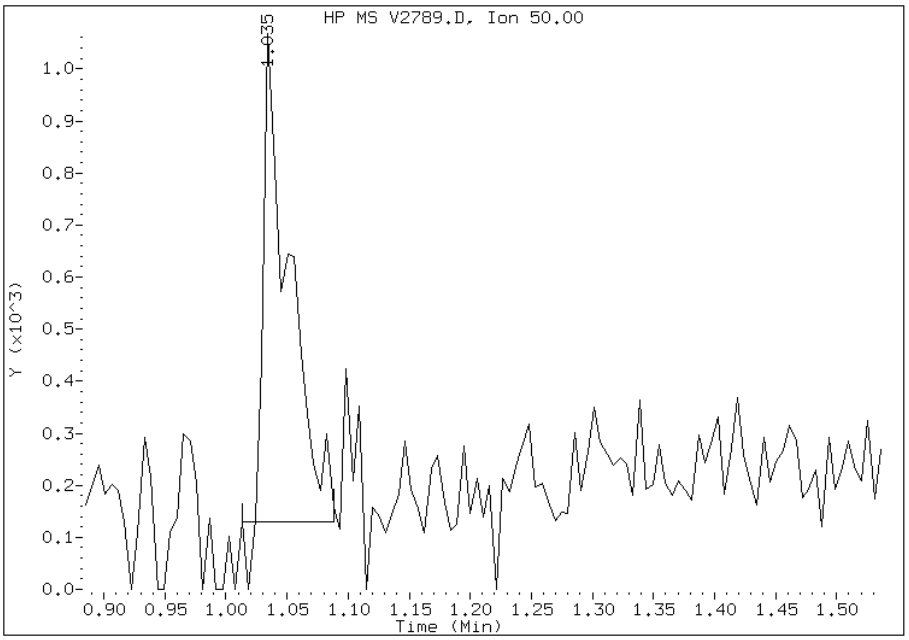
Processing Integration Results

RT: 1.03

Response: 1335

Amount: 2

Conc: 2



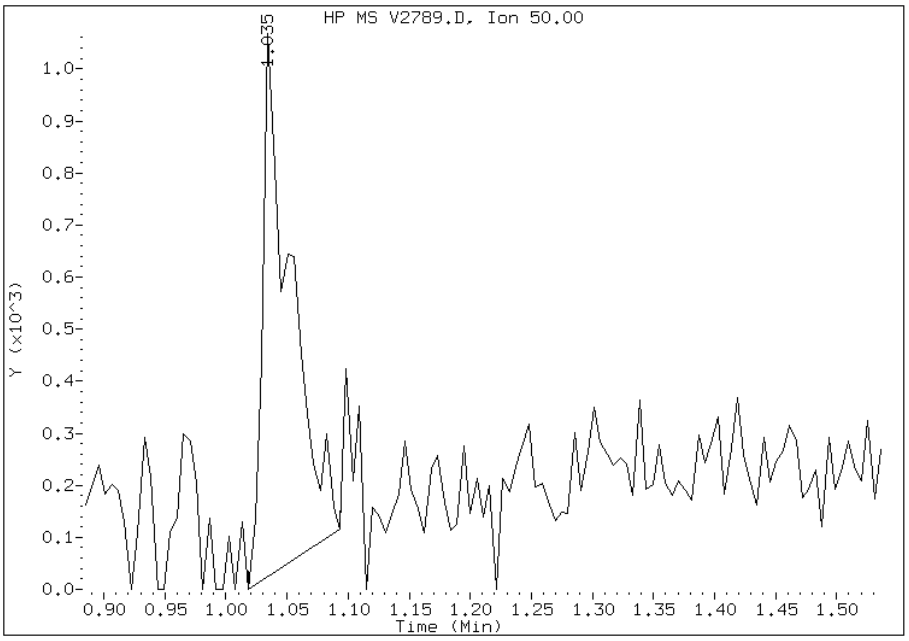
Manual Integration Results

RT: 1.03

Response: 1674

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason:

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-3 | Lab Sample ID: 220-8385-13

Matrix: Water | Lab File ID: L3606.D

Analysis Method: 8260B | Date Collected: 03/12/2009 08:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 06:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	9.2	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	28		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: OW-3 Lab Sample ID: 220-8385-13

Matrix: Water Lab File ID: L3606.D

Analysis Method: 8260B Date Collected: 03/12/2009 08:25

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 06:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	82	54-137	
2037-26-5	Toluene-d8 (Surr)	90	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3606.D
Lab Smp Id: 220-8385-C-13 Client Smp ID: OW-3
Inj Date : 24-MAR-2009 06:51 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-13
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

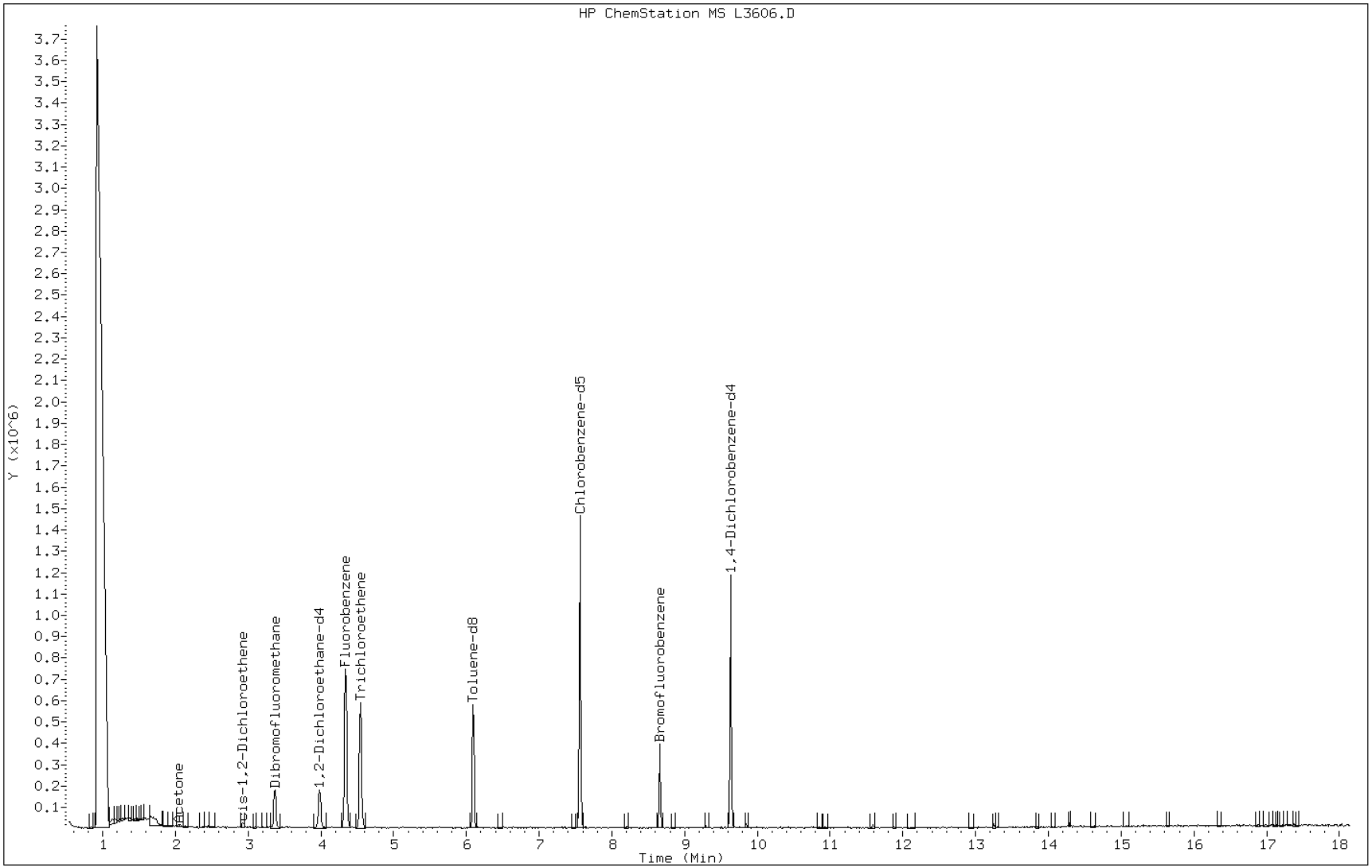
		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.337	4.351	(1.000)	760163	25.0000	
	21 Acetone	43	2.040	2.044	(0.470)	21316	9.22743	9
	33 cis-1,2-Dichloroethene	96	2.937	2.941	(0.677)	8969	0.97392	1.0
$	41 Dibromofluoromethane	111	3.371	3.375	(0.777)	127318	20.4954	20
$	55 1,2-Dichloroethane-d4	65	3.982	3.986	(0.918)	172508	21.1762	21
	60 Trichloroethene	130	4.544	4.548	(1.048)	216755	28.3903	28
*	75 Chlorobenzene-d5	117	7.561	7.564	(1.000)	620340	25.0000	
$	77 Toluene-d8	98	6.092	6.096	(0.806)	354708	22.4357	22
*	95 1,4-Dichlorobenzene-d4	152	9.631	9.635	(1.000)	240249	25.0000	
$	125 Bromofluorobenzene	95	8.655	8.659	(0.899)	129362	20.8814	21
M	126 1,2-Dichloroethene (total)	100				8969	0.97392	1.0

Data File: L3606.D

Date: 24-MAR-2009 06:51

Client ID: OW-3 Instrument: msl.i

Sample Info: 220-8385-c-13 Operator: B.KOSTRZEWSKA



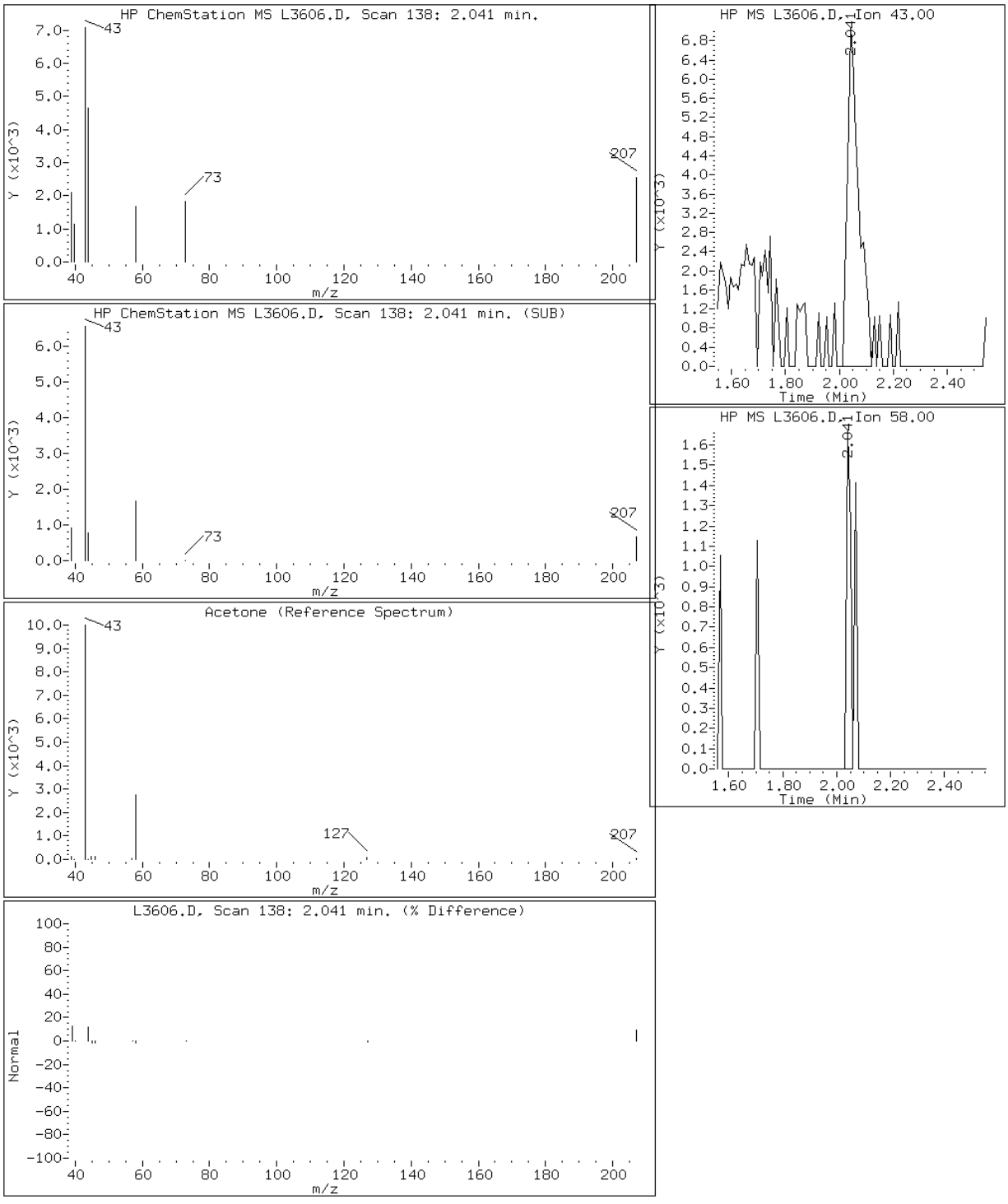
Data File: L3606.D

Date: 24-MAR-2009 06:51

Client ID: OW-3 Instrument: msl.i

Sample Info: 220-8385-c-13 Operator: B.KOSTRZEWSKA

21 Acetone



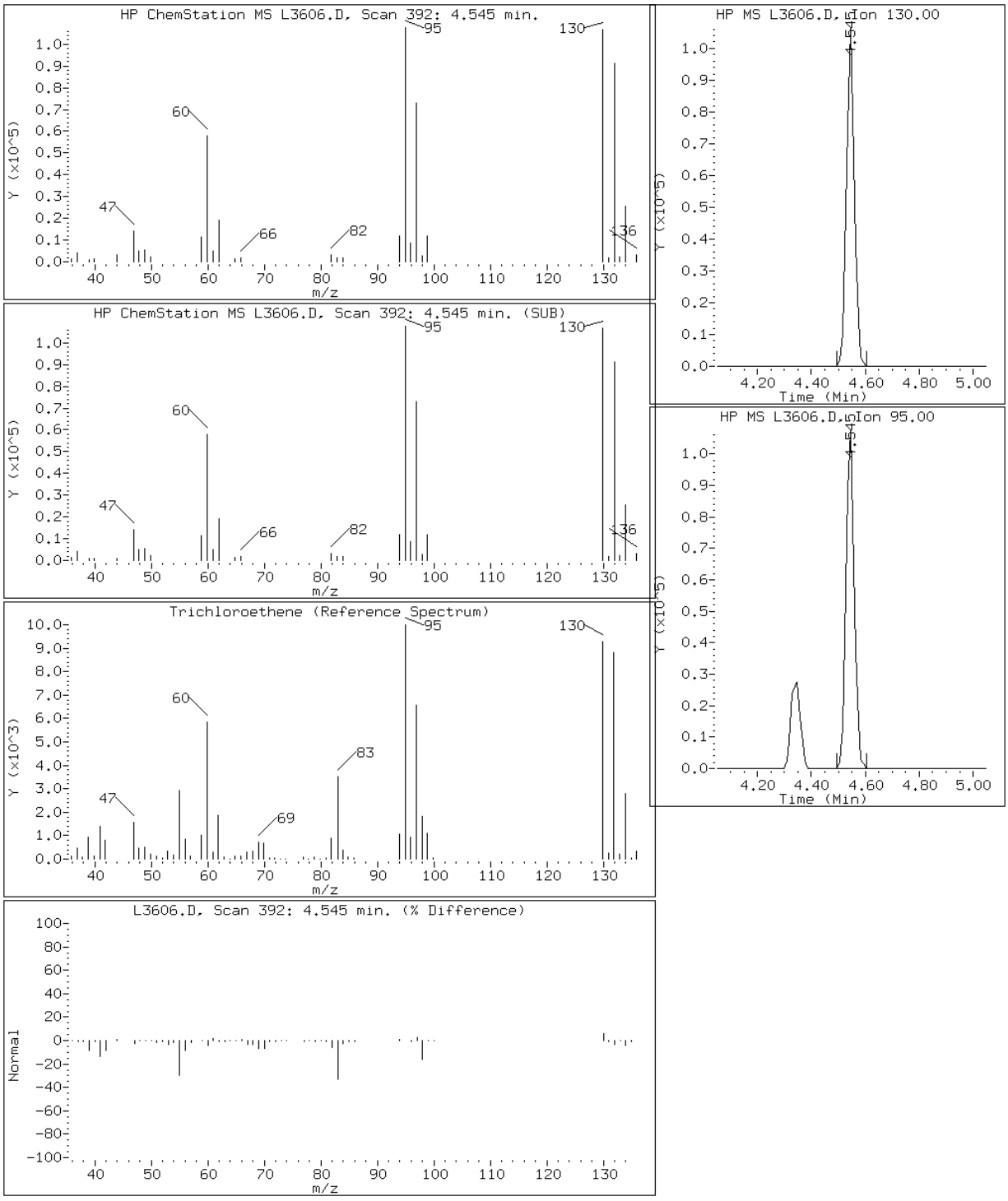
Data File: L3606.D

Date: 24-MAR-2009 06:51

Client ID: OW-3 Instrument: msl.i

Sample Info: 220-8385-c-13 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-30 I | Lab Sample ID: 220-8385-14

Matrix: Water | Lab File ID: L3599.D

Analysis Method: 8260B | Date Collected: 03/12/2009 09:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 03:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	16		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-30 I Lab Sample ID: 220-8385-14

Matrix: Water Lab File ID: L3599.D

Analysis Method: 8260B Date Collected: 03/12/2009 09:25

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 03:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	84	54-137	
2037-26-5	Toluene-d8 (Surr)	86	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3599.D
Lab Smp Id: 220-8385-D-14 Client Smp ID: MW-30 I
Inj Date : 24-MAR-2009 03:48 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-d-14
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.347	4.351	(1.000)	800102	25.0000	
	33 cis-1,2-Dichloroethene	96	2.937	2.941	(0.676)	4899	0.50542	0.5
$	41 Dibromofluoromethane	111	3.371	3.375	(0.775)	137382	21.0115	21
$	55 1,2-Dichloroethane-d4	65	3.982	3.986	(0.916)	178671	20.8379	21
	60 Trichloroethene	130	4.544	4.548	(1.045)	129167	16.0736	16
*	75 Chlorobenzene-d5	117	7.561	7.564	(1.000)	650421	25.0000	
$	77 Toluene-d8	98	6.102	6.096	(0.807)	355834	21.4660	21
*	95 1,4-Dichlorobenzene-d4	152	9.631	9.635	(1.000)	251969	25.0000	
$	125 Bromofluorobenzene	95	8.655	8.659	(0.899)	135781	20.8981	21
M	126 1,2-Dichloroethene (total)	100				4899	0.50542	0.5

Data File: L3599.D

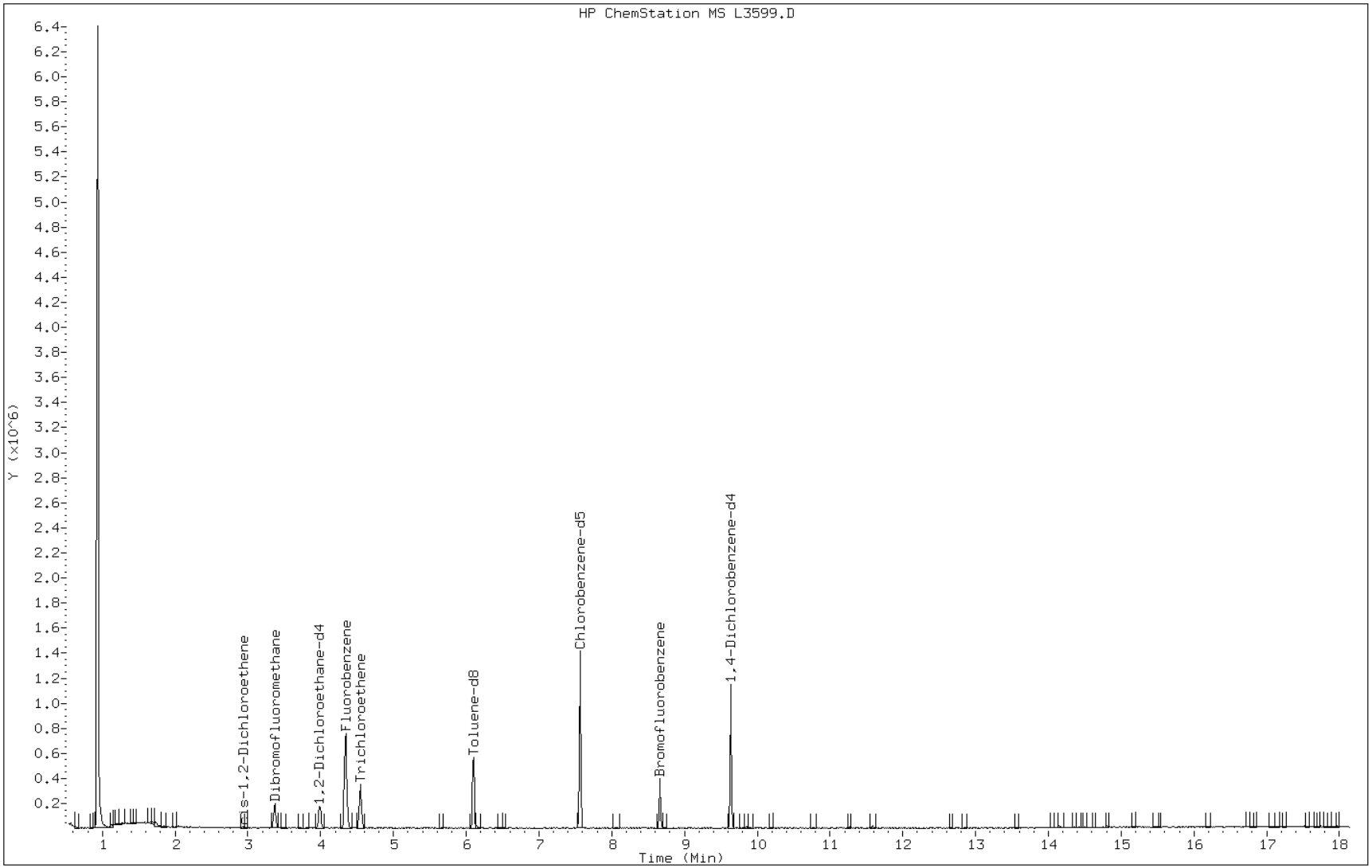
Date: 24-MAR-2009 03:48

Client ID: MW-30 I

Instrument: msl.i

Sample Info: 220-8385-d-14

Operator: B.KOSTRZEWSKA



Data File: L3599.D

Date: 24-MAR-2009 03:48

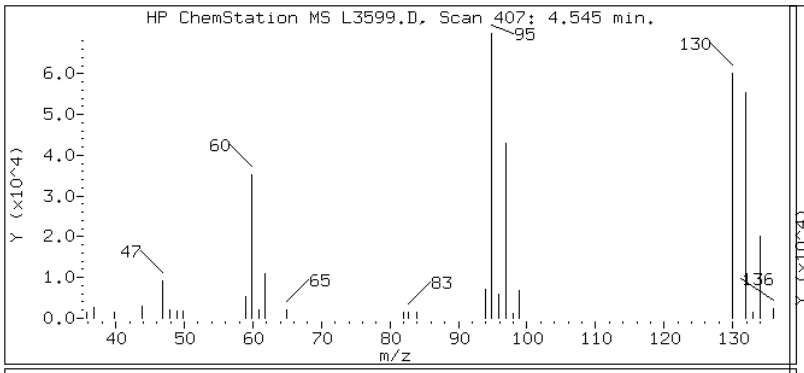
Client ID: MW-30 I

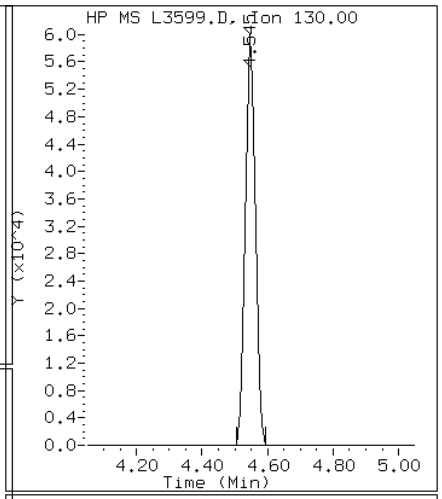
Instrument: msl.i

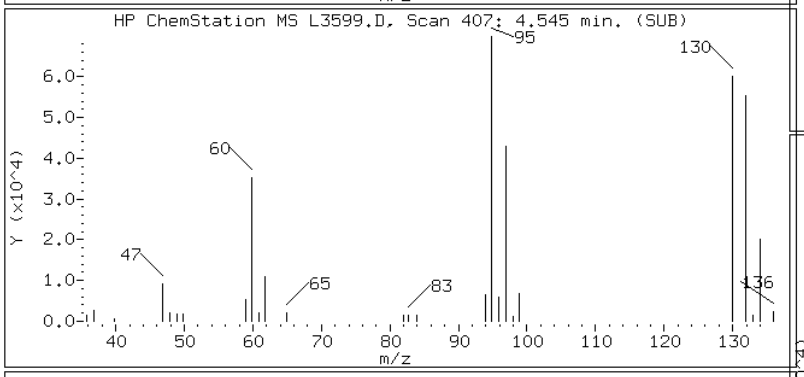
Sample Info: 220-8385-d-14

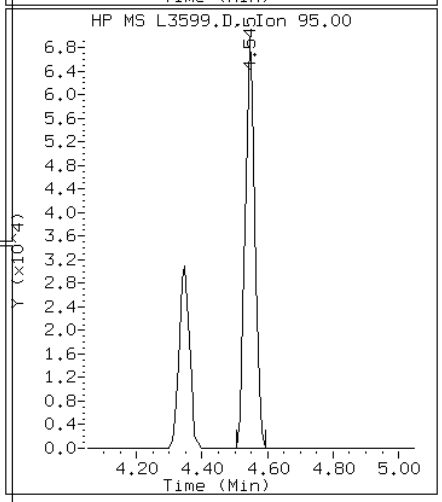
Operator: B.KOSTRZEWSKA

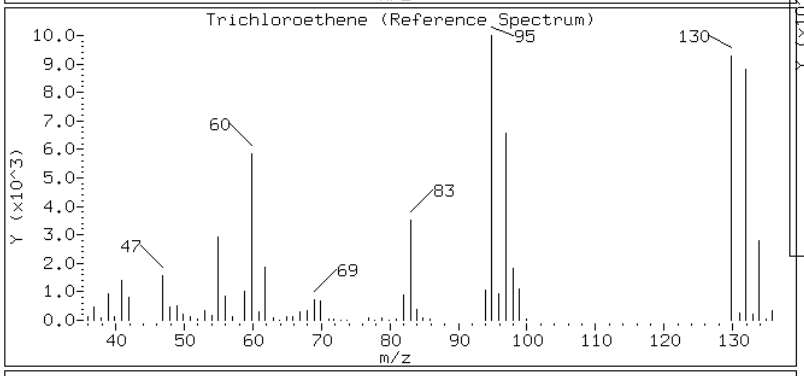
60 Trichloroethene

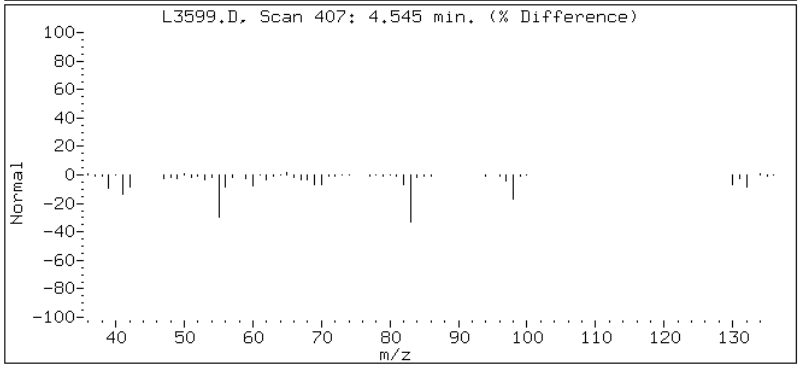












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-30 S | Lab Sample ID: 220-8385-15

Matrix: Water | Lab File ID: L3600.D

Analysis Method: 8260B | Date Collected: 03/12/2009 08:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 04:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	4.5	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-30 S Lab Sample ID: 220-8385-15

Matrix: Water Lab File ID: L3600.D

Analysis Method: 8260B Date Collected: 03/12/2009 08:40

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 04:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78	53-125	
460-00-4	4-Bromofluorobenzene	81	73-127	
1868-53-7	Dibromofluoromethane	81	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3600.D
Lab Smp Id: 220-8385-C-15 Client Smp ID: MW-30 S
Inj Date : 24-MAR-2009 04:14 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-15
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.343	4.351	(1.000)	778081	25.0000	
$	41 Dibromofluoromethane	111	3.367	3.375	(0.775)	128951	20.2802	20
$	55 1,2-Dichloroethane-d4	65	3.988	3.986	(0.918)	161857	19.4112	19
	60 Trichloroethene	130	4.550	4.548	(1.048)	35429	4.53359	4
*	75 Chlorobenzene-d5	117	7.567	7.564	(1.000)	618736	25.0000	
$	77 Toluene-d8	98	6.098	6.096	(0.806)	357197	22.6517	23
	80 Tetrachloroethene	164	6.512	6.519	(0.861)	1526	0.32537	0.3
*	95 1,4-Dichlorobenzene-d4	152	9.637	9.635	(1.000)	242328	25.0000	
	102 n-Propylbenzene	91	8.789	8.797	(0.912)	8862	0.33288	0.3
	105 1,3,5-Trimethylbenzene	105	8.977	8.974	(0.931)	8266	0.46304	0.5
	107 1,2,4-Trimethylbenzene	105	9.312	9.309	(0.966)	13803	0.74159	0.7
$	125 Bromofluorobenzene	95	8.661	8.659	(0.899)	126995	20.3235	20

Data File: L3600.D

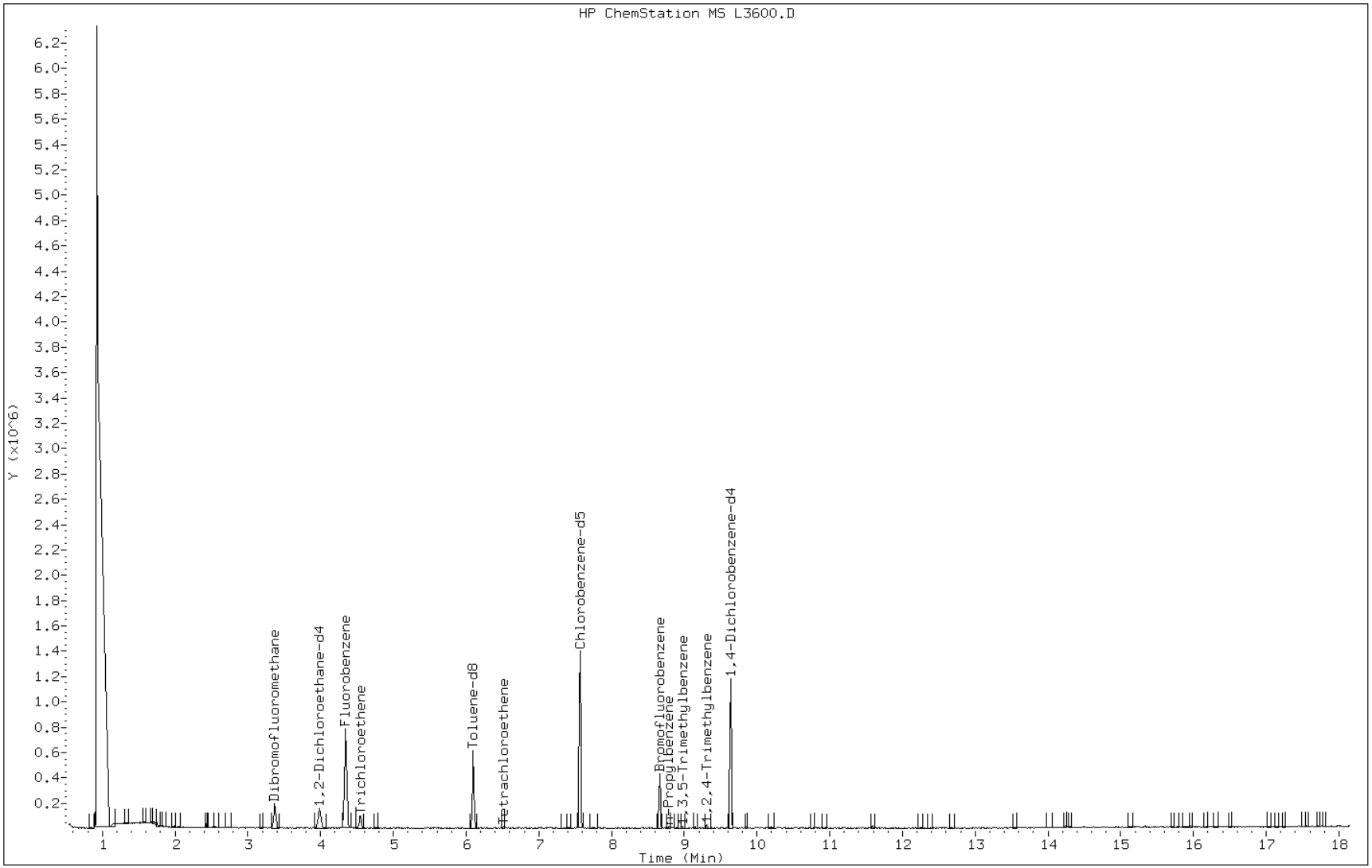
Date: 24-MAR-2009 04:14

Client ID: MW-30 S

Instrument: msl.i

Sample Info: 220-8385-c-15

Operator: B.KOSTRZEWSKA



Data File: L3600.D

Date: 24-MAR-2009 04:14

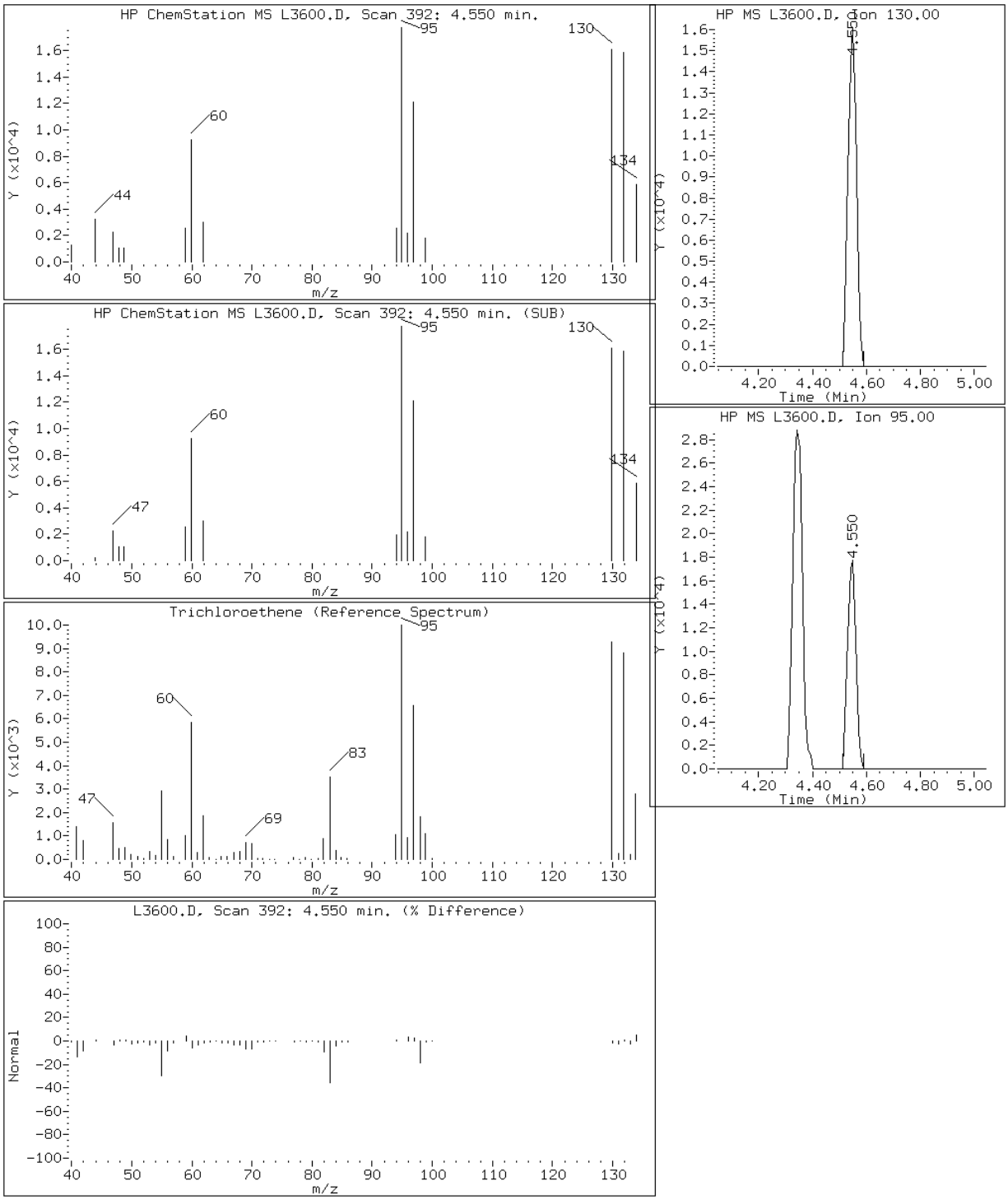
Client ID: MW-30 S

Instrument: msl.i

Sample Info: 220-8385-c-15

Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-24 Lab Sample ID: 220-8385-16

Matrix: Water Lab File ID: L3601.D

Analysis Method: 8260B Date Collected: 03/12/2009 09:15

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 04:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	4.0	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-24 Lab Sample ID: 220-8385-16

Matrix: Water Lab File ID: L3601.D

Analysis Method: 8260B Date Collected: 03/12/2009 09:15

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 04:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	80	53-125	
460-00-4	4-Bromofluorobenzene	83	73-127	
1868-53-7	Dibromofluoromethane	85	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3601.D
Lab Smp Id: 220-8385-C-16 Client Smp ID: MW-24
Inj Date : 24-MAR-2009 04:40 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-16
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

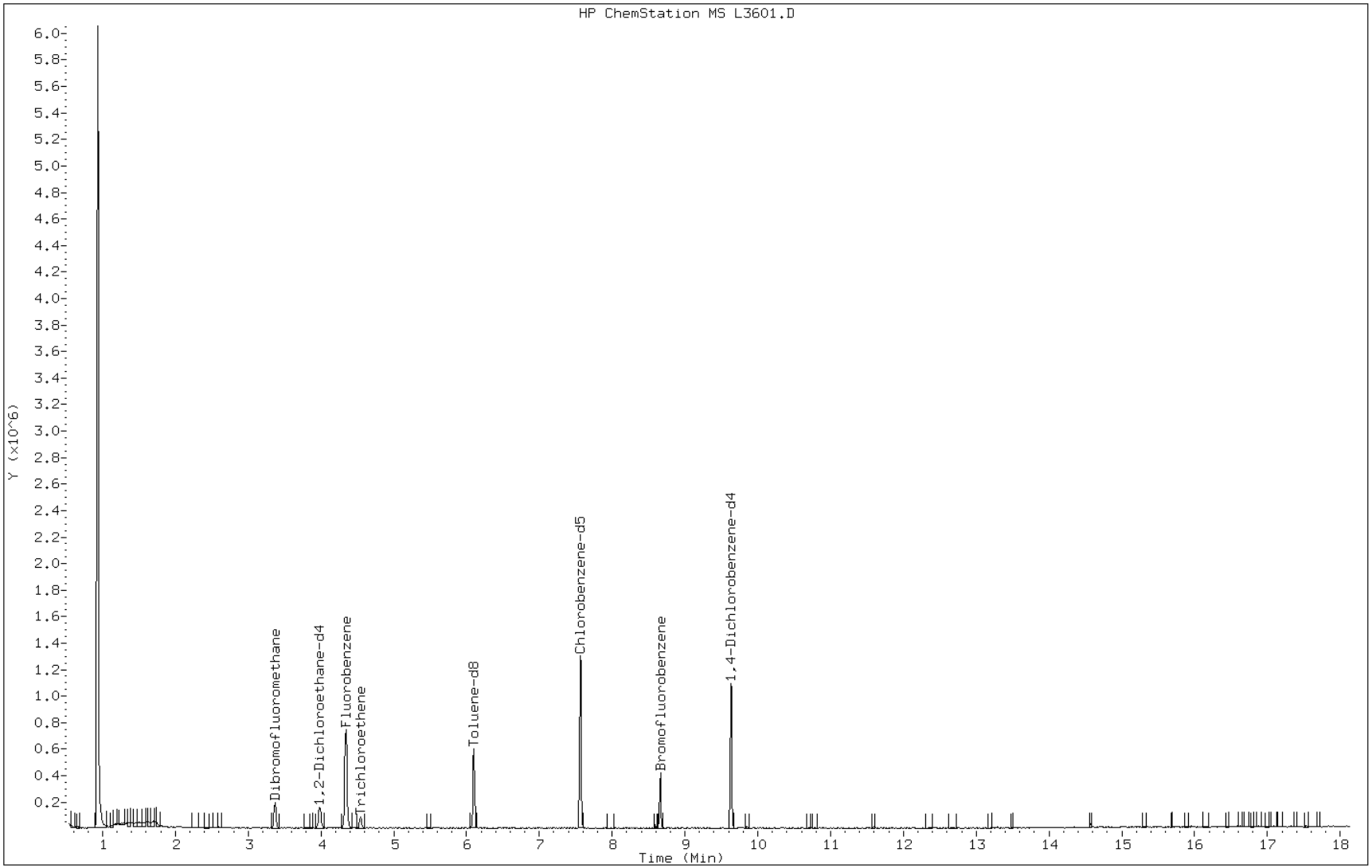
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	4.345	4.351	(1.000)	759236	25.0000	
$	41 Dibromofluoromethane	111	3.369	3.375	(0.775)	131469	21.1894	21
$	55 1,2-Dichloroethane-d4	65	3.981	3.986	(0.916)	163237	20.0626	20
	60 Trichloroethene	130	4.543	4.548	(1.045)	30251	3.96708	4
*	75 Chlorobenzene-d5	117	7.569	7.564	(1.000)	615139	25.0000	
$	77 Toluene-d8	98	6.100	6.096	(0.806)	354735	22.6271	23
*	95 1,4-Dichlorobenzene-d4	152	9.639	9.635	(1.000)	250288	25.0000	
$	125 Bromofluorobenzene	95	8.663	8.659	(0.899)	134496	20.8394	21

Data File: L3601.D

Date: 24-MAR-2009 04:40

Client ID: MW-24 Instrument: msl.i

Sample Info: 220-8385-c-16 Operator: B.KOSTRZEWSKA



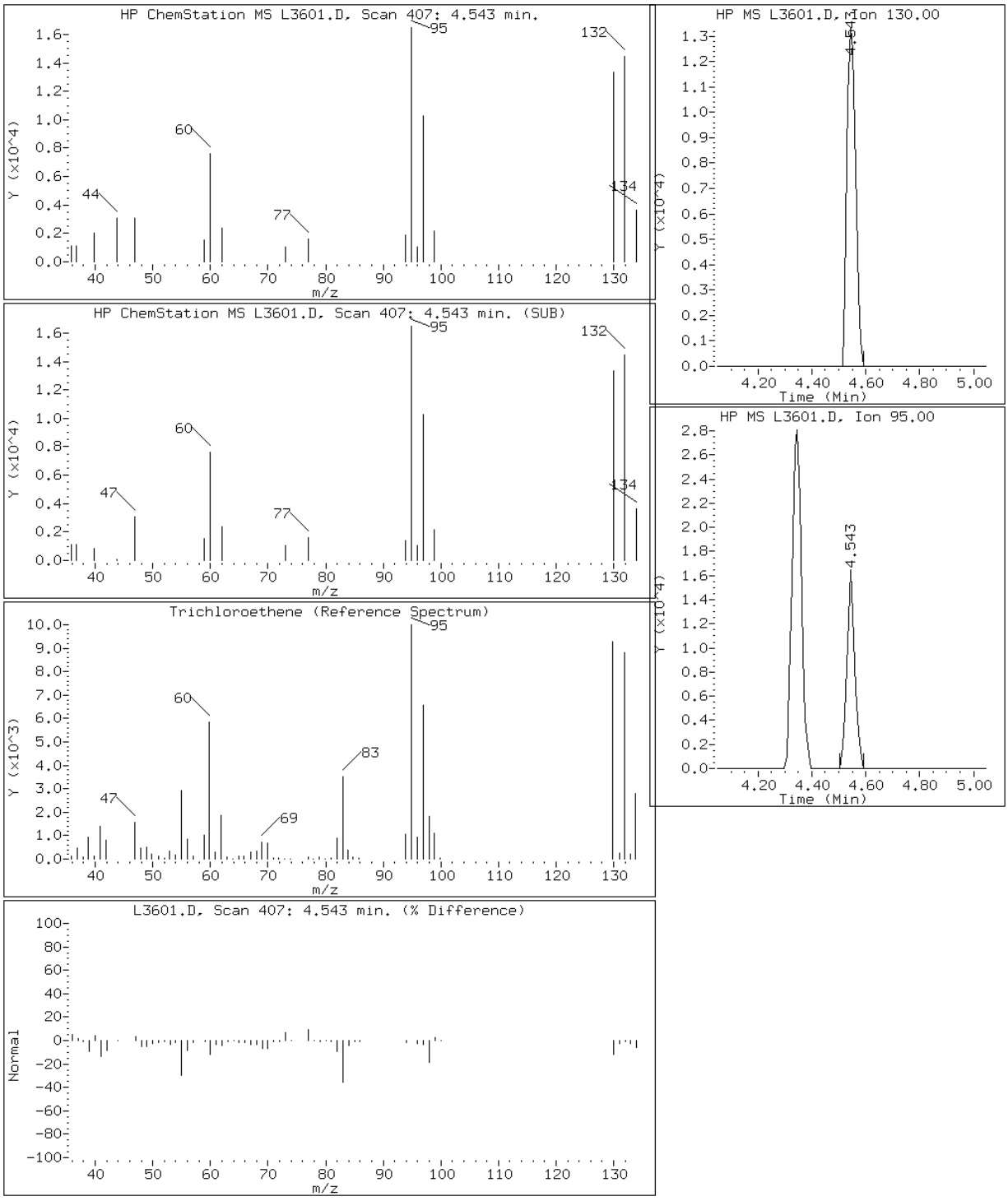
Data File: L3601.D

Date: 24-MAR-2009 04:40

Client ID: MW-24 Instrument: msl.i

Sample Info: 220-8385-c-16 Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-33 S | Lab Sample ID: 220-8385-17

Matrix: Water | Lab File ID: L3602.D

Analysis Method: 8260B | Date Collected: 03/12/2009 10:25

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 05:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	8.7		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	1.0	J	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-33 S Lab Sample ID: 220-8385-17

Matrix: Water Lab File ID: L3602.D

Analysis Method: 8260B Date Collected: 03/12/2009 10:25

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 05:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81	53-125	
460-00-4	4-Bromofluorobenzene	80	73-127	
1868-53-7	Dibromofluoromethane	83	54-137	
2037-26-5	Toluene-d8 (Surr)	90	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3602.D
Lab Smp Id: 220-8385-D-17 Client Smp ID: MW-33 S
Inj Date : 24-MAR-2009 05:06 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-d-17
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.346	4.351	(1.000)	771572	25.0000	
	33 cis-1,2-Dichloroethene	96	2.936	2.941	(0.676)	9746	1.04265	1
$	41 Dibromofluoromethane	111	3.370	3.375	(0.775)	130956	20.7693	21
$	55 1,2-Dichloroethane-d4	65	3.981	3.986	(0.916)	166655	20.1552	20
	60 Trichloroethene	130	4.543	4.548	(1.045)	67445	8.70325	9
*	75 Chlorobenzene-d5	117	7.560	7.564	(1.000)	610785	25.0000	
$	77 Toluene-d8	98	6.101	6.096	(0.807)	349500	22.4521	22
*	95 1,4-Dichlorobenzene-d4	152	9.640	9.635	(1.000)	246799	25.0000	
$	125 Bromofluorobenzene	95	8.654	8.659	(0.898)	126647	19.9006	20
M	126 1,2-Dichloroethene (total)	100				9746	1.04265	1

Data File: L3602.D

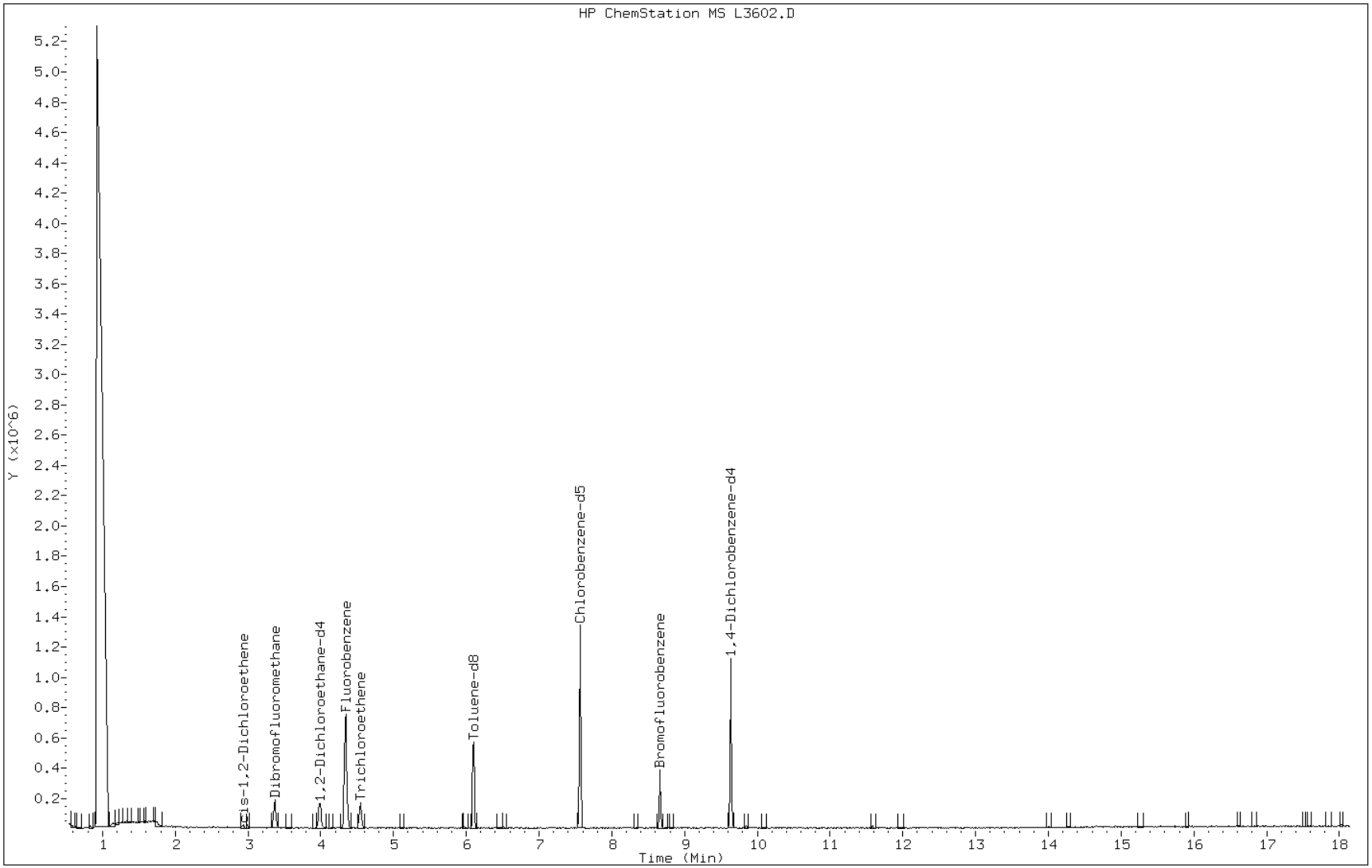
Date: 24-MAR-2009 05:06

Client ID: MW-33 S

Instrument: msl.i

Sample Info: 220-8385-d-17

Operator: B.KOSTRZEWSKA



Data File: L3602.D

Date: 24-MAR-2009 05:06

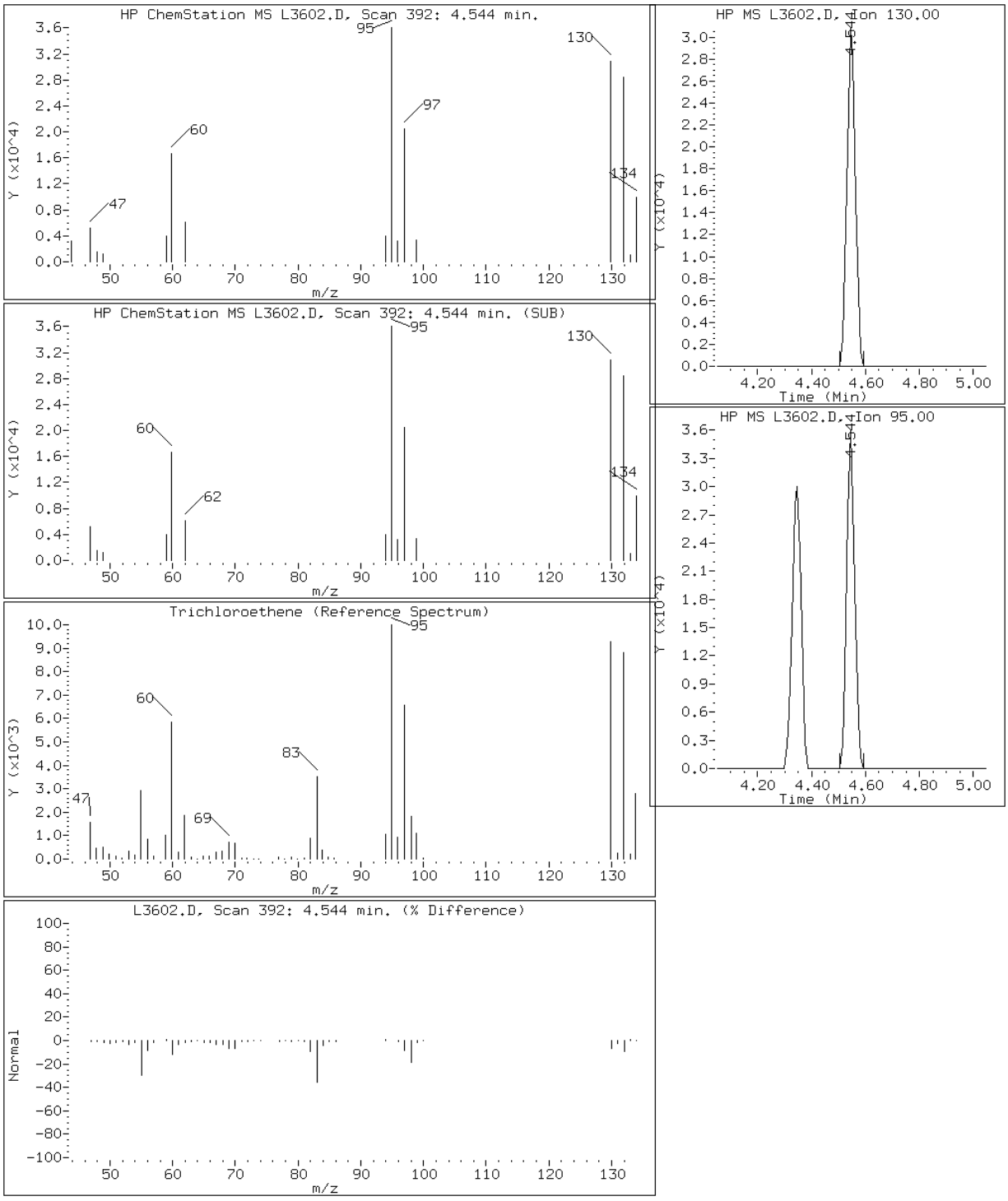
Client ID: MW-33 S

Instrument: msl.i

Sample Info: 220-8385-d-17

Operator: B.KOSTRZEWSKA

60 Trichloroethene



Data File: L3602.D

Date: 24-MAR-2009 05:06

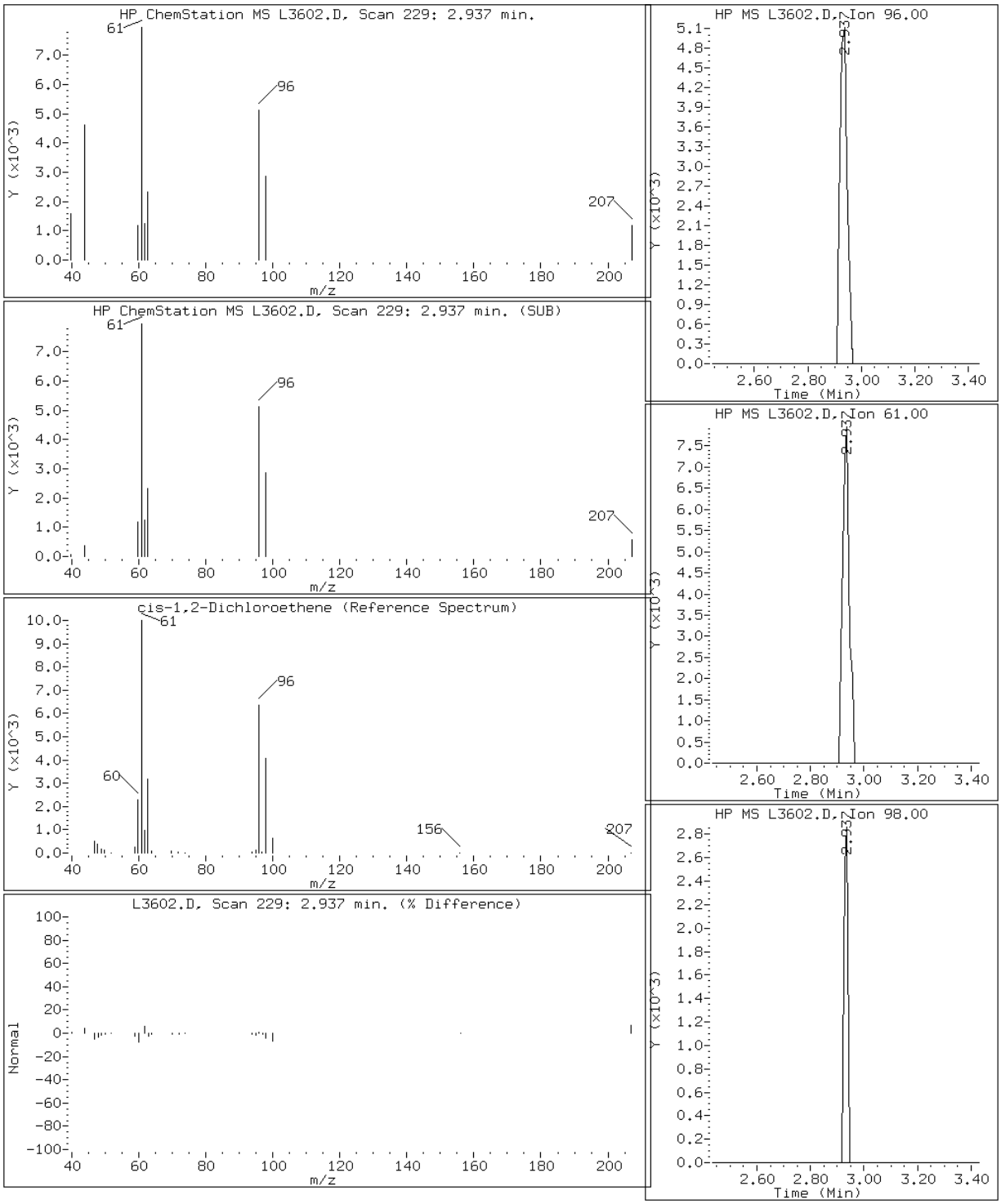
Client ID: MW-33 S

Instrument: msl.i

Sample Info: 220-8385-d-17

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-33 I Lab Sample ID: 220-8385-18

Matrix: Water Lab File ID: L3603.D

Analysis Method: 8260B Date Collected: 03/12/2009 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 05:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	0.79	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-33 I Lab Sample ID: 220-8385-18

Matrix: Water Lab File ID: L3603.D

Analysis Method: 8260B Date Collected: 03/12/2009 11:00

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 05:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82	53-125	
460-00-4	4-Bromofluorobenzene	83	73-127	
1868-53-7	Dibromofluoromethane	84	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3603.D
Lab Smp Id: 220-8385-C-18 Client Smp ID: MW-33 I
Inj Date : 24-MAR-2009 05:32 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-18
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.343	4.351	(1.000)	779964	25.0000	
$ 41 Dibromofluoromethane	111	3.367	3.375	(0.775)	133127	20.8864	21
$ 55 1,2-Dichloroethane-d4	65	3.978	3.986	(0.916)	171352	20.5003	20
60 Trichloroethene	130	4.540	4.548	(1.045)	6225	0.79464	0.8
* 75 Chlorobenzene-d5	117	7.566	7.564	(1.000)	615471	25.0000	
$ 77 Toluene-d8	98	6.097	6.096	(0.806)	355134	22.6404	23
* 95 1,4-Dichlorobenzene-d4	152	9.637	9.635	(1.000)	251224	25.0000	
$ 125 Bromofluorobenzene	95	8.661	8.659	(0.899)	133651	20.6313	21

Data File: L3603.D

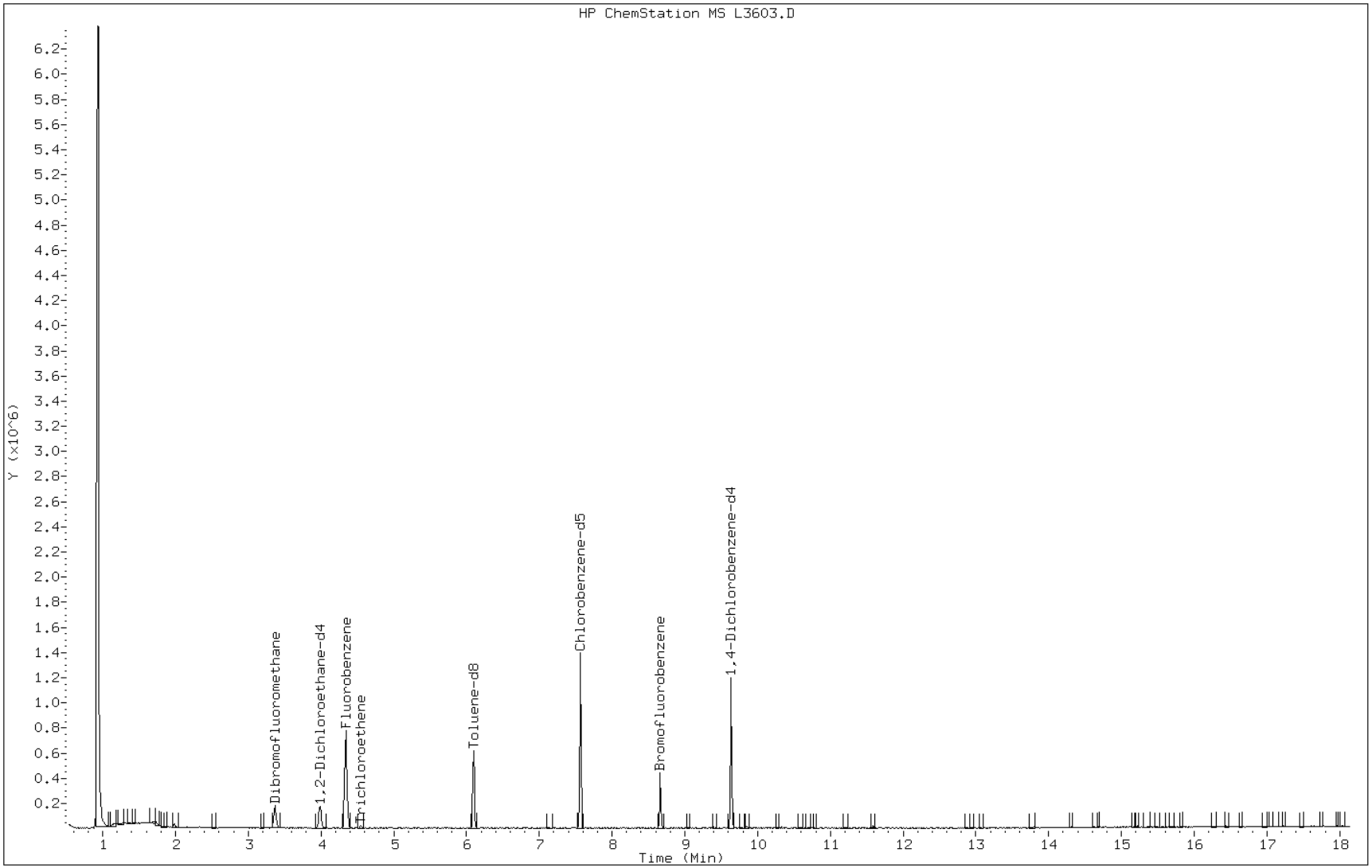
Date: 24-MAR-2009 05:32

Client ID: MW-33 I

Instrument: msl.i

Sample Info: 220-8385-c-18

Operator: B.KOSTRZEWSKA



Data File: L3603.D

Date: 24-MAR-2009 05:32

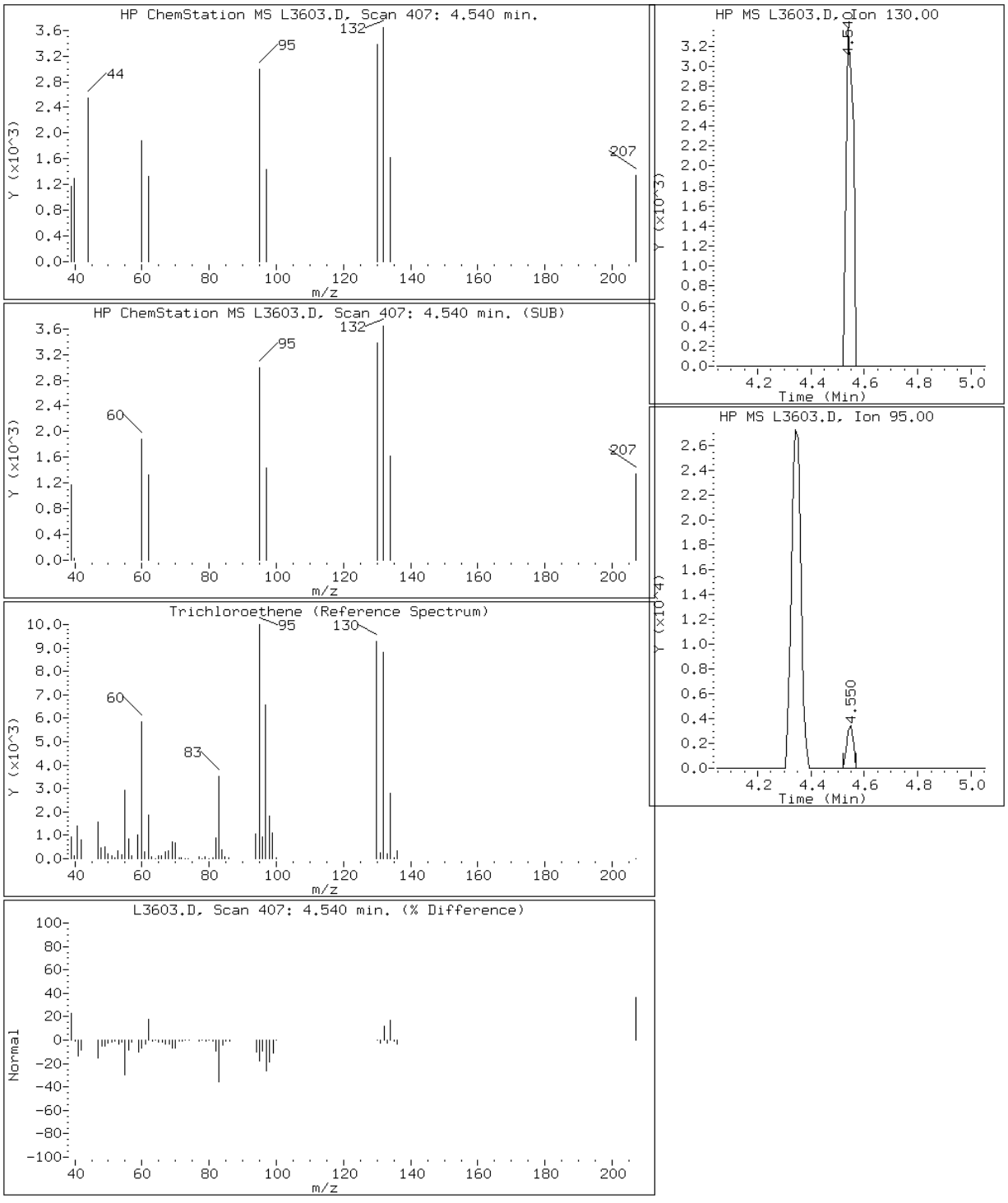
Client ID: MW-33 I

Instrument: msl.i

Sample Info: 220-8385-c-18

Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-31S Lab Sample ID: 220-8385-19

Matrix: Water Lab File ID: L3604.D

Analysis Method: 8260B Date Collected: 03/12/2009 11:15

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 05:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	7.8		5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	1.8	J	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	48		5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	25		5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	81		5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	34		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	1.2	J	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-31S Lab Sample ID: 220-8385-19

Matrix: Water Lab File ID: L3604.D

Analysis Method: 8260B Date Collected: 03/12/2009 11:15

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 05:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78	53-125	
460-00-4	4-Bromofluorobenzene	83	73-127	
1868-53-7	Dibromofluoromethane	80	54-137	
2037-26-5	Toluene-d8 (Surr)	82	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3604.D
Lab Smp Id: 220-8385-C-19 Client Smp ID: MW-31S
Inj Date : 24-MAR-2009 05:58 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-c-19
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.346	4.351	(1.000)	774928	25.0000	
	14 1,1-Dichloroethene	96	1.664	1.669	(0.383)	9694	1.75988	2
	22 trans-1,2-Dichloroethene	96	2.078	2.083	(0.478)	9451	1.22151	1
	31 1,1-Dichloroethane	63	2.502	2.497	(0.576)	126497	7.79506	8
	33 cis-1,2-Dichloroethene	96	2.936	2.941	(0.676)	319312	34.0127	34
	38 Chloroform	83	3.173	3.187	(0.730)	7426	0.40556	0.4
$	41 Dibromofluoromethane	111	3.370	3.375	(0.775)	127313	20.1041	20
	44 1,1,1-Trichloroethane	97	3.390	3.394	(0.780)	336378	24.9134	25
$	55 1,2-Dichloroethane-d4	65	3.981	3.986	(0.916)	161418	19.4373	19
	60 Trichloroethene	130	4.543	4.548	(1.045)	632152	81.2210	81
*	75 Chlorobenzene-d5	117	7.560	7.564	(1.000)	636741	25.0000	
$	77 Toluene-d8	98	6.101	6.096	(0.807)	334133	20.5899	20
	80 Tetrachloroethene	164	6.515	6.519	(0.862)	231502	47.9646	48
*	95 1,4-Dichlorobenzene-d4	152	9.630	9.635	(1.000)	243793	25.0000	
$	125 Bromofluorobenzene	95	8.664	8.659	(0.900)	130731	20.7956	21
M	126 1,2-Dichloroethene (total)	100				328763	35.2342	35

Data File: L3604.D

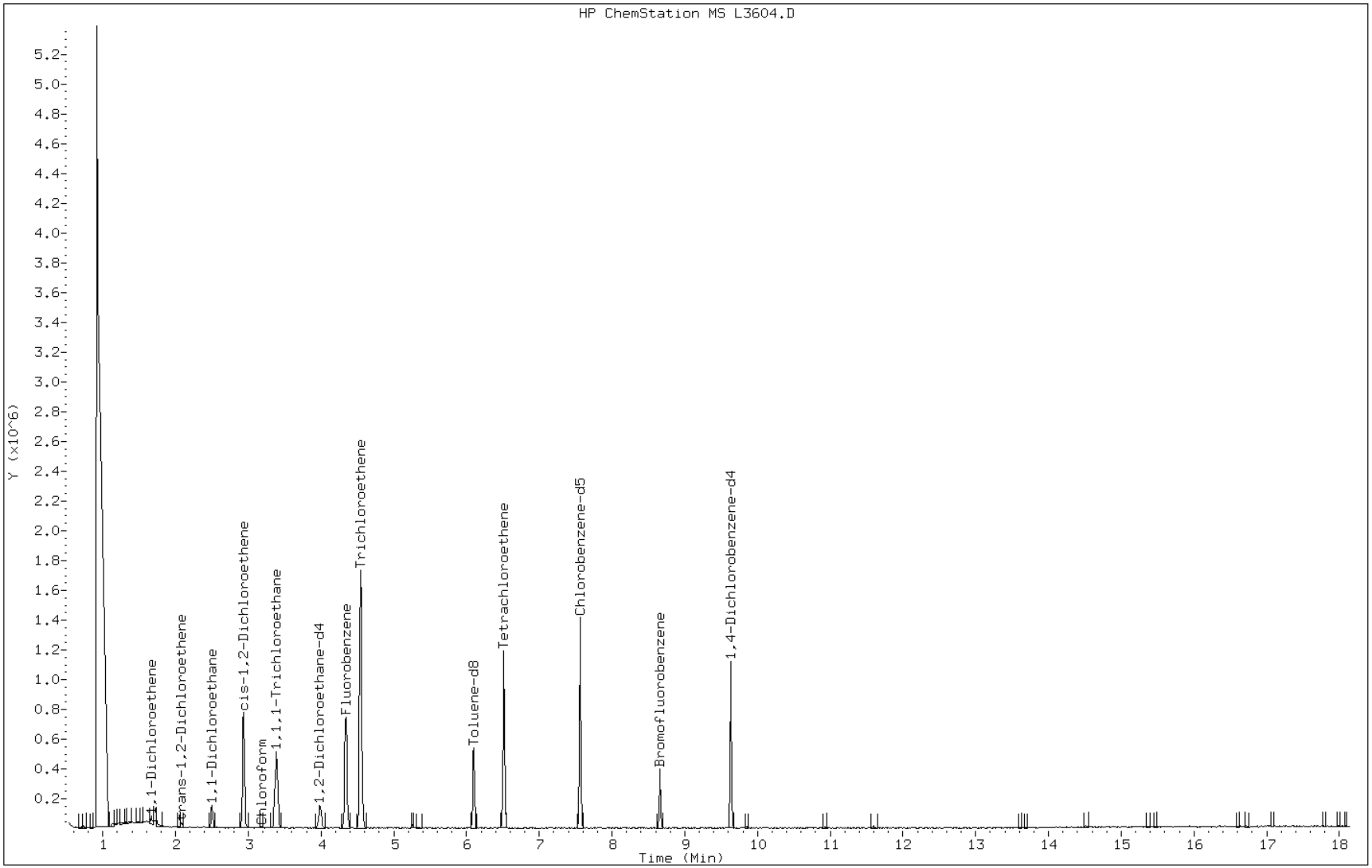
Date: 24-MAR-2009 05:58

Client ID: MW-31S

Instrument: msl.i

Sample Info: 220-8385-c-19

Operator: B.KOSTRZEWSKA



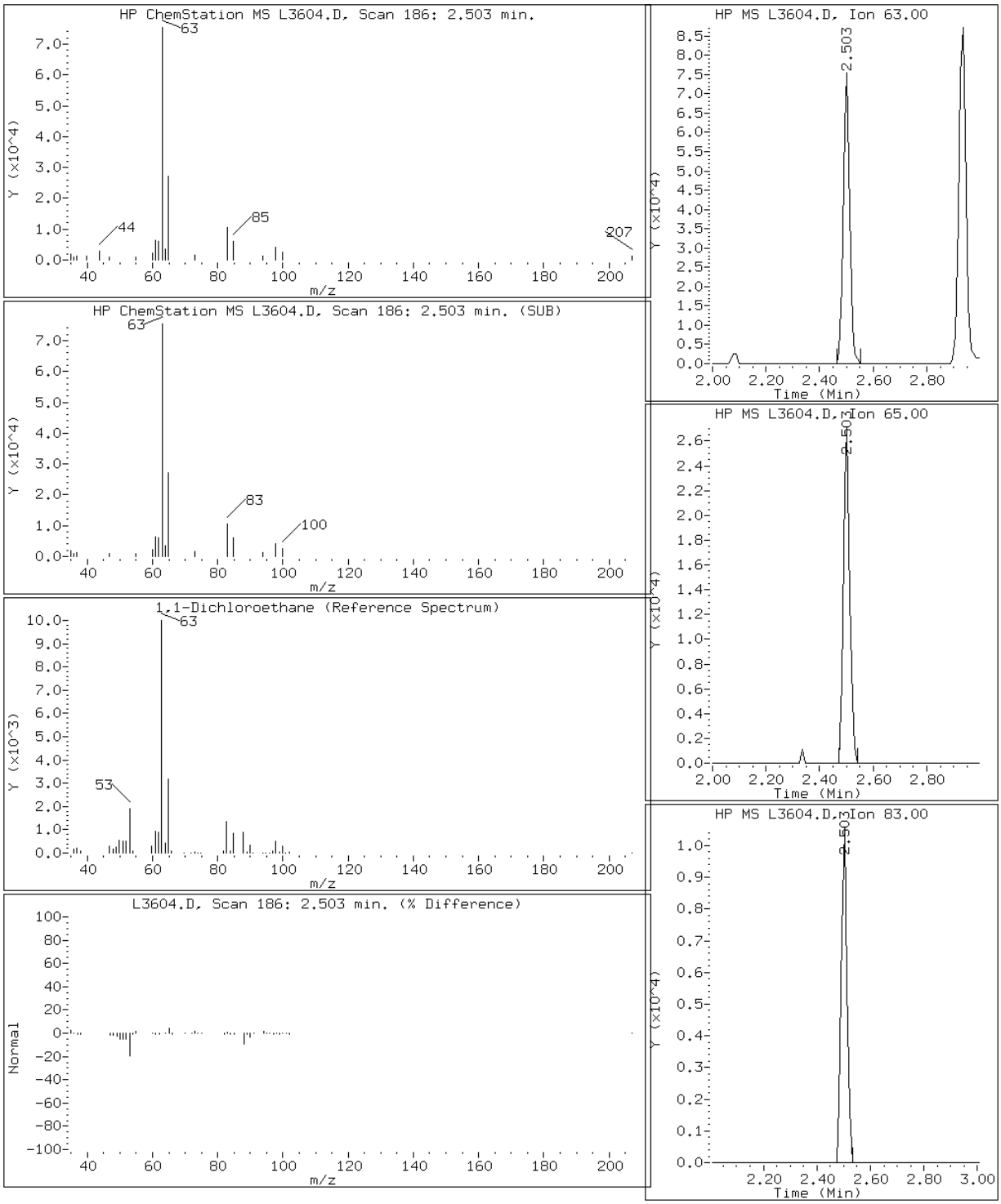
Data File: L3604.D

Date: 24-MAR-2009 05:58

Client ID: MW-31S Instrument: msl.i

Sample Info: 220-8385-c-19 Operator: B.KOSTRZEWSKA

31 1,1-Dichloroethane



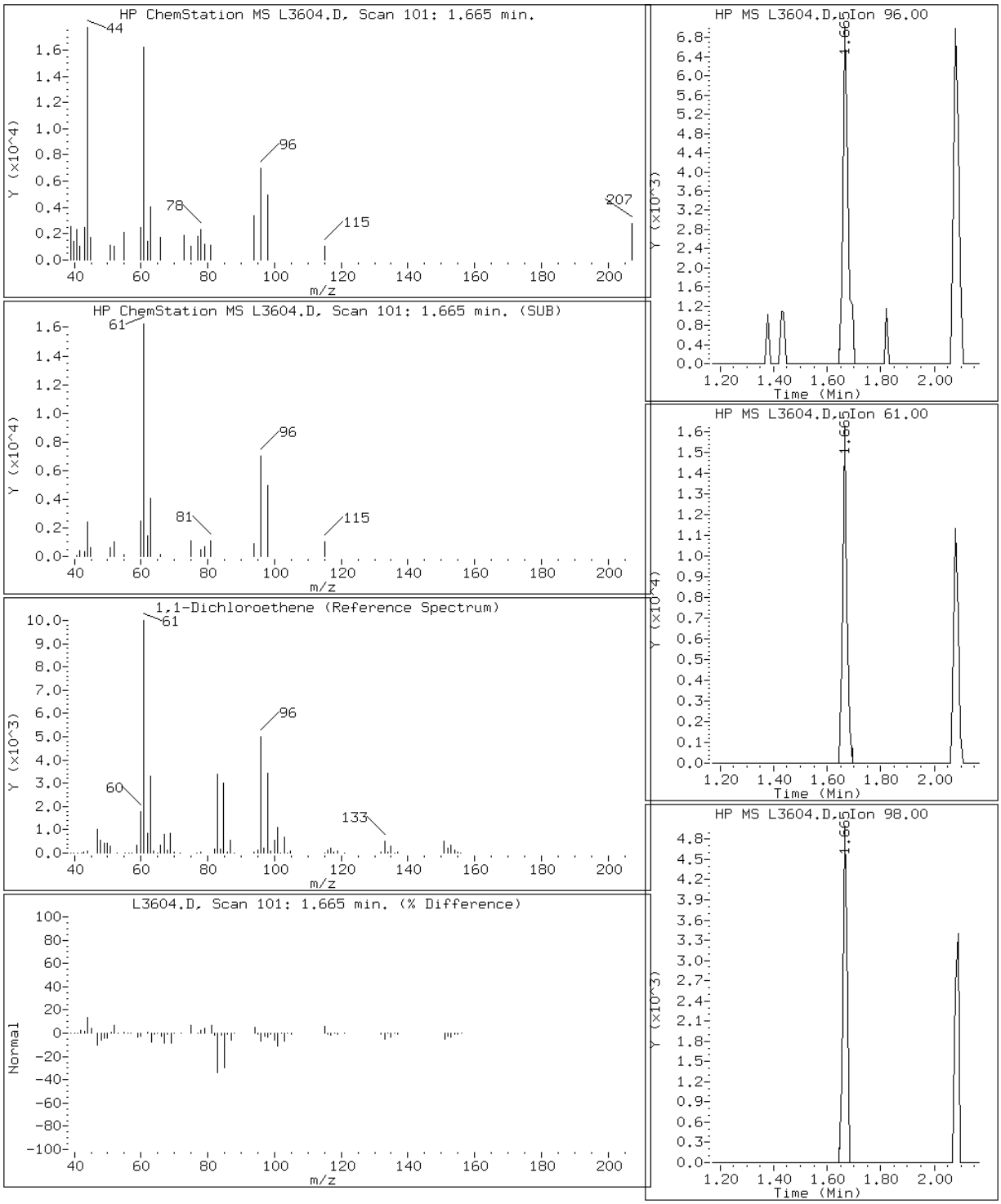
Data File: L3604.D

Date: 24-MAR-2009 05:58

Client ID: MW-31S Instrument: msl.i

Sample Info: 220-8385-c-19 Operator: B.KOSTRZEWSKA

14 1,1-Dichloroethene



Data File: L3604.D

Date: 24-MAR-2009 05:58

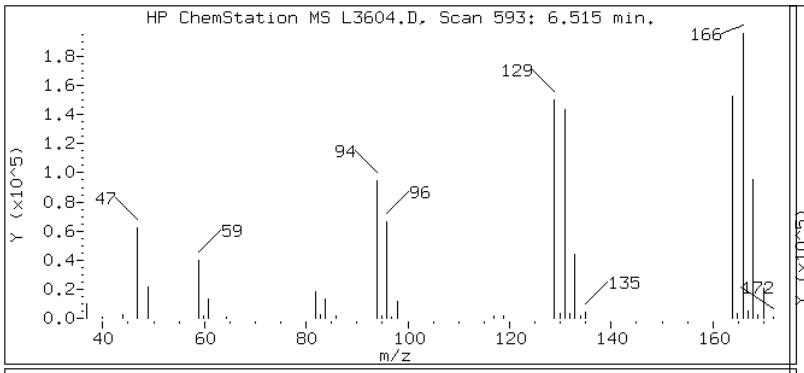
Client ID: MW-31S

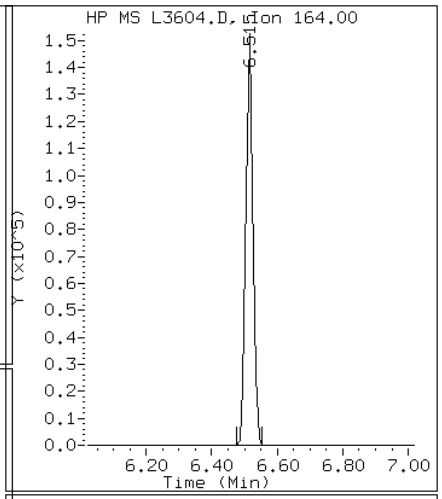
Instrument: msl.i

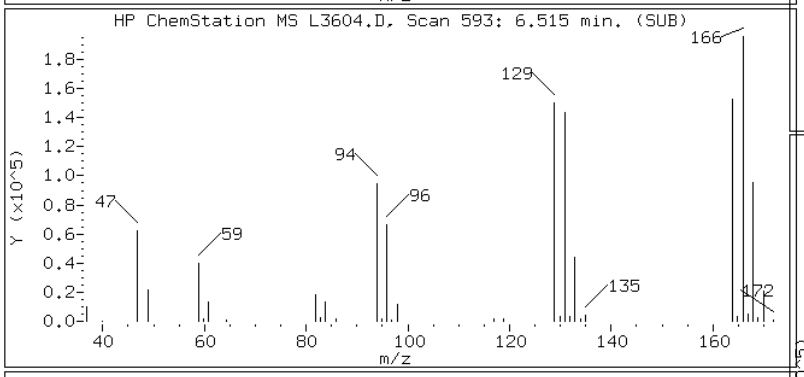
Sample Info: 220-8385-c-19

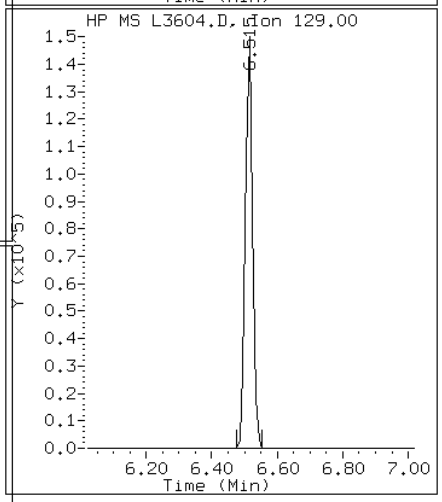
Operator: B.KOSTRZEWSKA

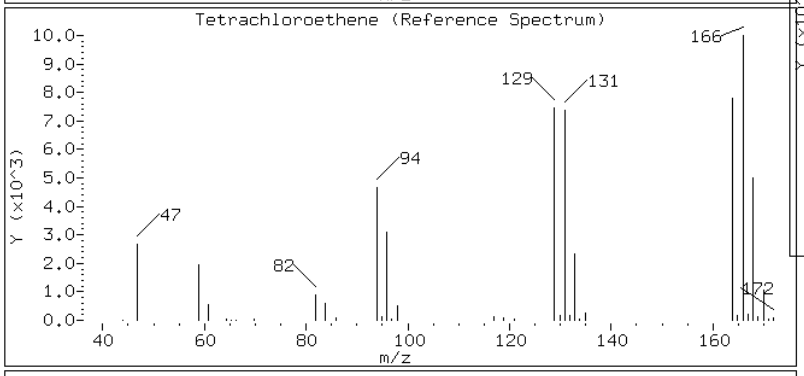
80 Tetrachloroethene

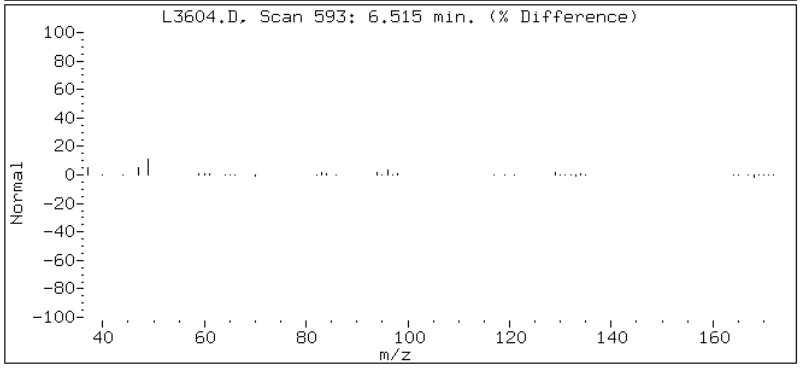












Data File: L3604.D

Date: 24-MAR-2009 05:58

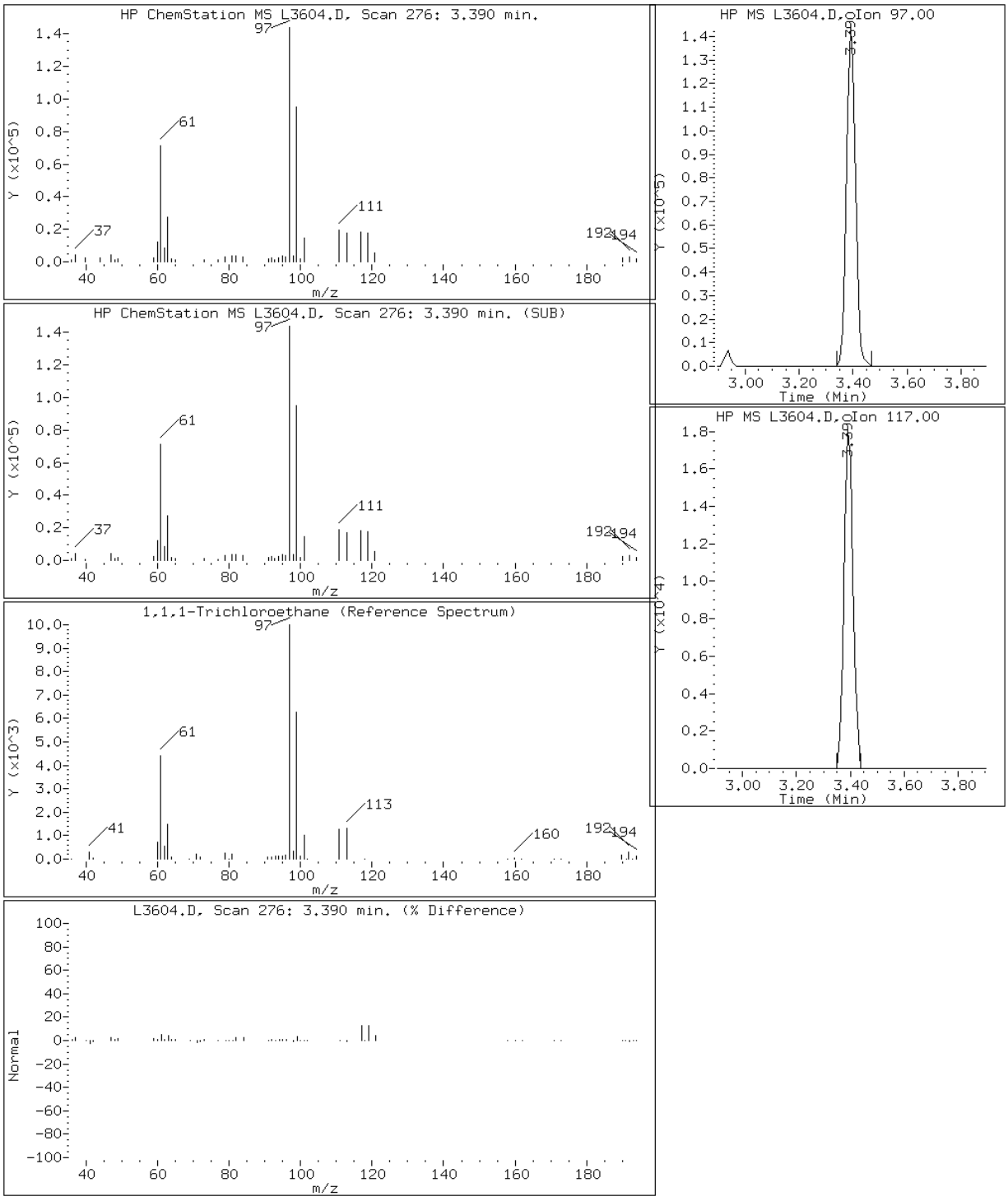
Client ID: MW-31S

Instrument: msl.i

Sample Info: 220-8385-c-19

Operator: B.KOSTRZEWSKA

44 1,1,1-Trichloroethane



Data File: L3604.D

Date: 24-MAR-2009 05:58

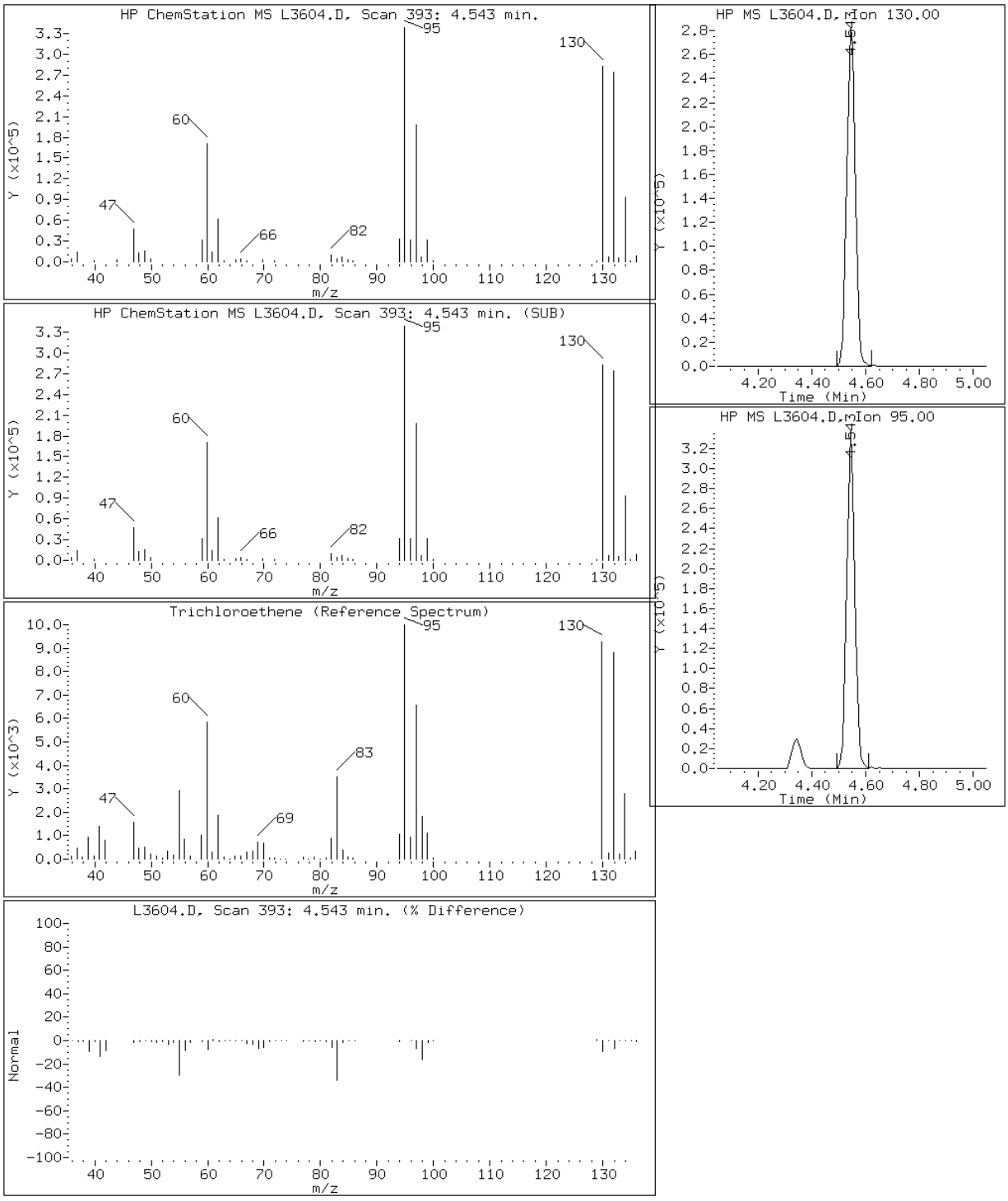
Client ID: MW-31S

Instrument: msl.i

Sample Info: 220-8385-c-19

Operator: B.KOSTRZEWSKA

60 Trichloroethene



Data File: L3604.D

Date: 24-MAR-2009 05:58

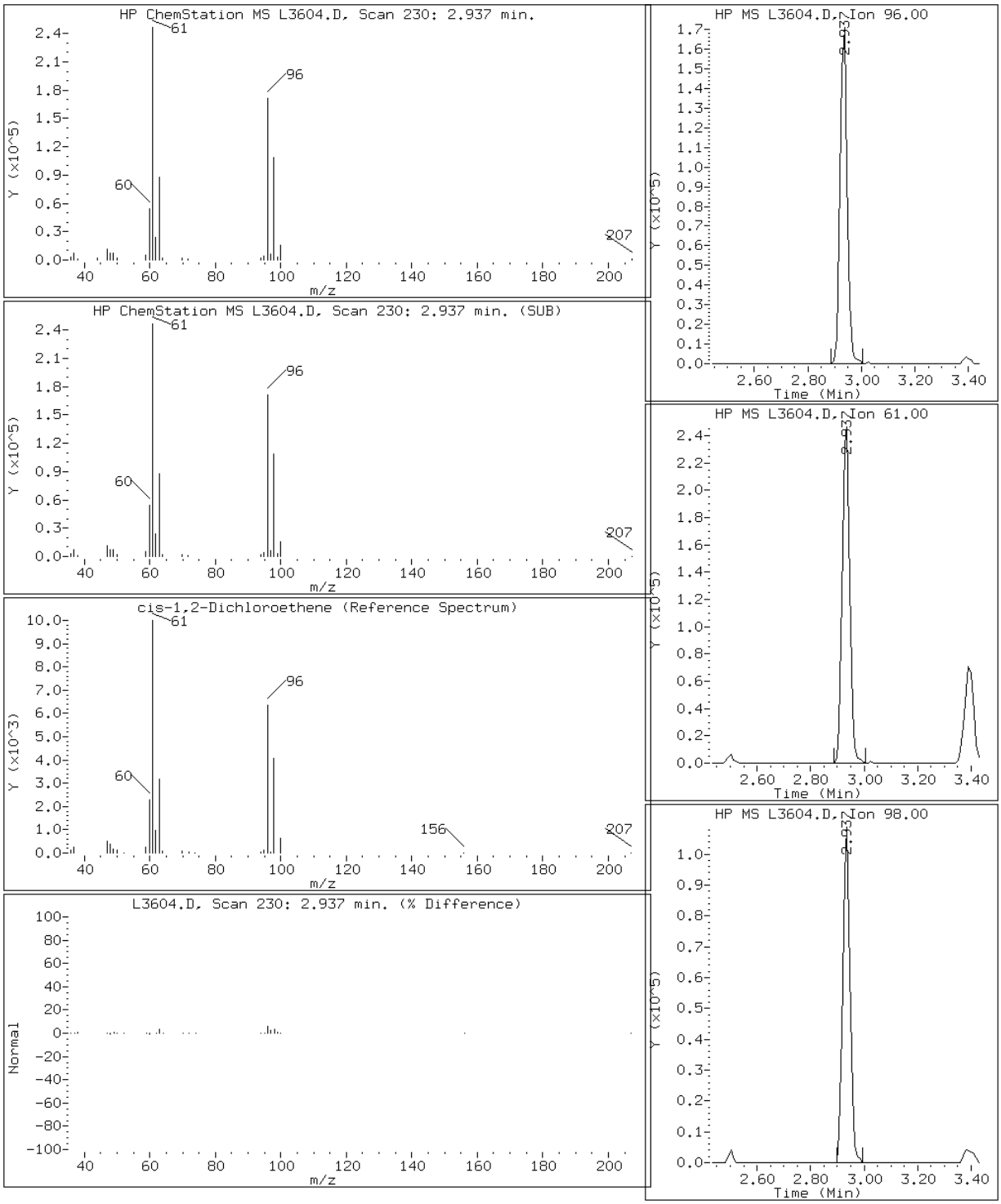
Client ID: MW-31S

Instrument: msl.i

Sample Info: 220-8385-c-19

Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



Data File: L3604.D

Date: 24-MAR-2009 05:58

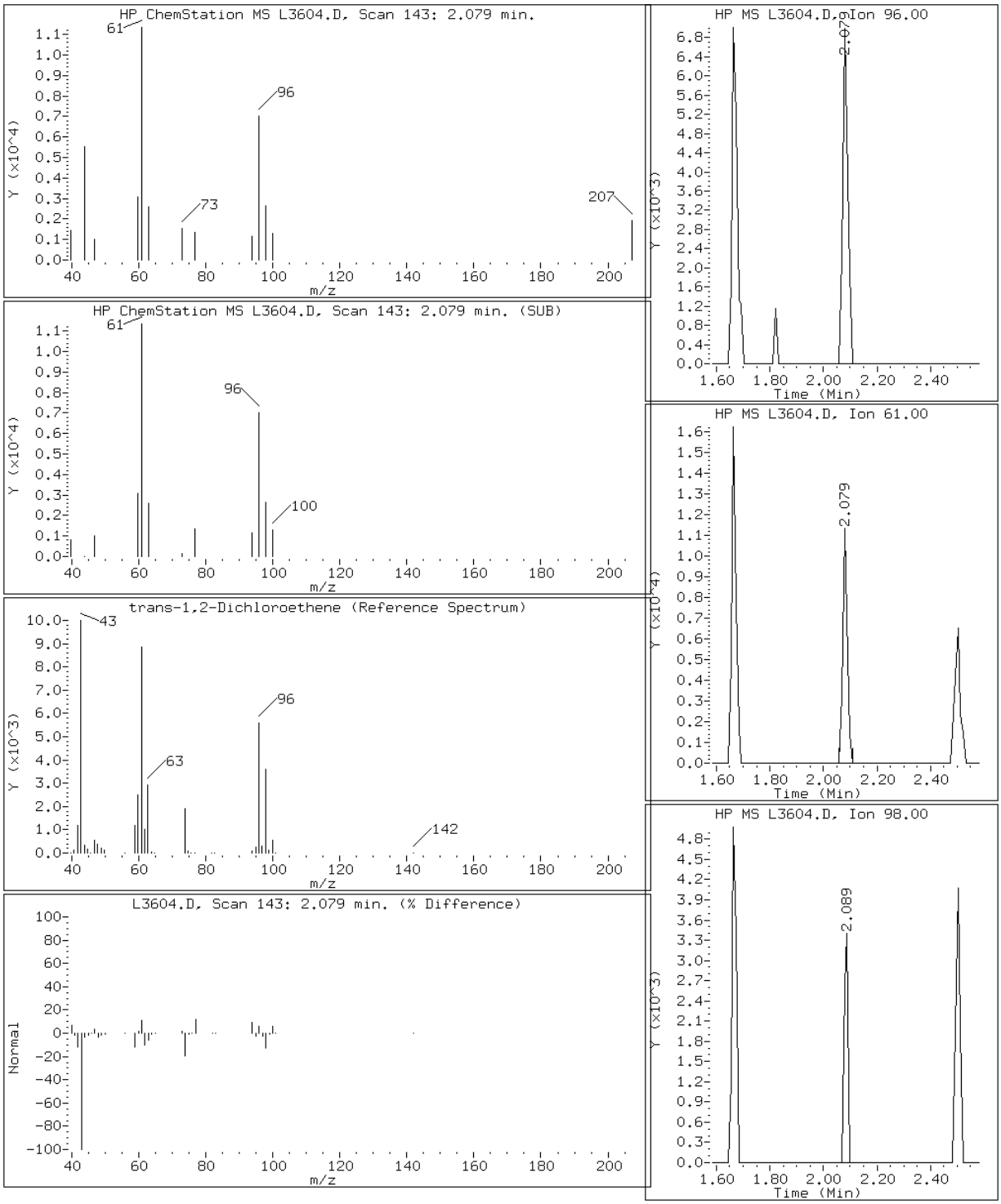
Client ID: MW-31S

Instrument: msl.i

Sample Info: 220-8385-c-19

Operator: B.KOSTRZEWSKA

22 trans-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-31 I | Lab Sample ID: 220-8385-20

Matrix: Water | Lab File ID: L3605.D

Analysis Method: 8260B | Date Collected: 03/12/2009 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 06:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	0.89	J	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: MW-31 I Lab Sample ID: 220-8385-20

Matrix: Water Lab File ID: L3605.D

Analysis Method: 8260B Date Collected: 03/12/2009 10:20

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 06:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	81	54-137	
2037-26-5	Toluene-d8 (Surr)	85	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3605.D
Lab Smp Id: 220-8385-D-20 Client Smp ID: MW-31 I
Inj Date : 24-MAR-2009 06:25 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : 220-8385-d-20
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.338	4.351	(1.000)	769427	25.0000	
$	41 Dibromofluoromethane	111	3.371	3.375	(0.777)	127021	20.2014	20
$	55 1,2-Dichloroethane-d4	65	3.983	3.986	(0.918)	170616	20.6918	21
	60 Trichloroethene	130	4.555	4.548	(1.050)	6845	0.88576	0.9
*	75 Chlorobenzene-d5	117	7.561	7.564	(1.000)	628908	25.0000	
$	77 Toluene-d8	98	6.102	6.096	(0.807)	341969	21.3353	21
	80 Tetrachloroethene	164	6.516	6.519	(0.862)	1286	0.26976	0.3
*	95 1,4-Dichlorobenzene-d4	152	9.642	9.635	(1.000)	234493	25.0000	
$	125 Bromofluorobenzene	95	8.656	8.659	(0.898)	127711	21.1209	21

Data File: L3605.D

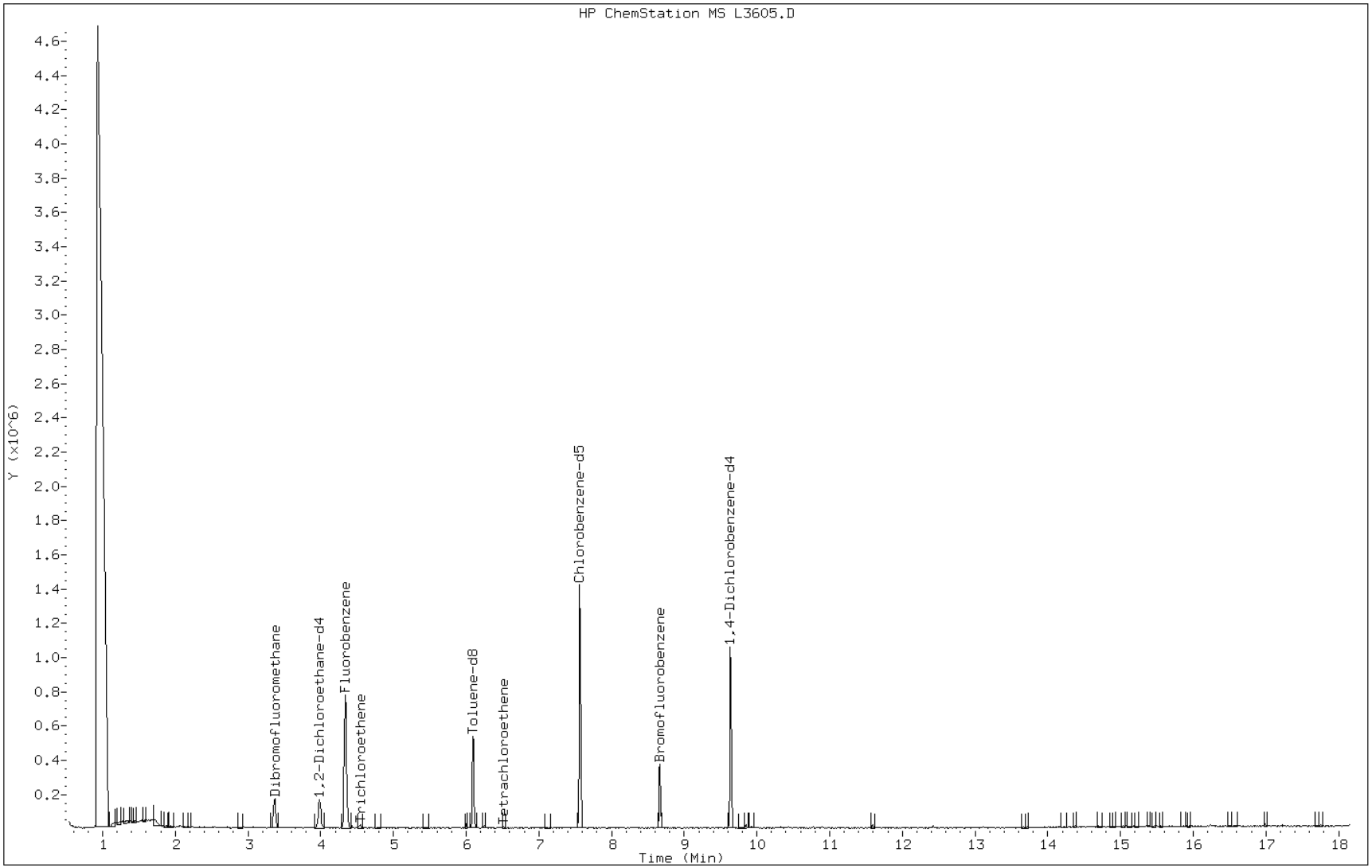
Date: 24-MAR-2009 06:25

Client ID: MW-31 I

Instrument: msl.i

Sample Info: 220-8385-d-20

Operator: B.KOSTRZEWSKA



Data File: L3605.D

Date: 24-MAR-2009 06:25

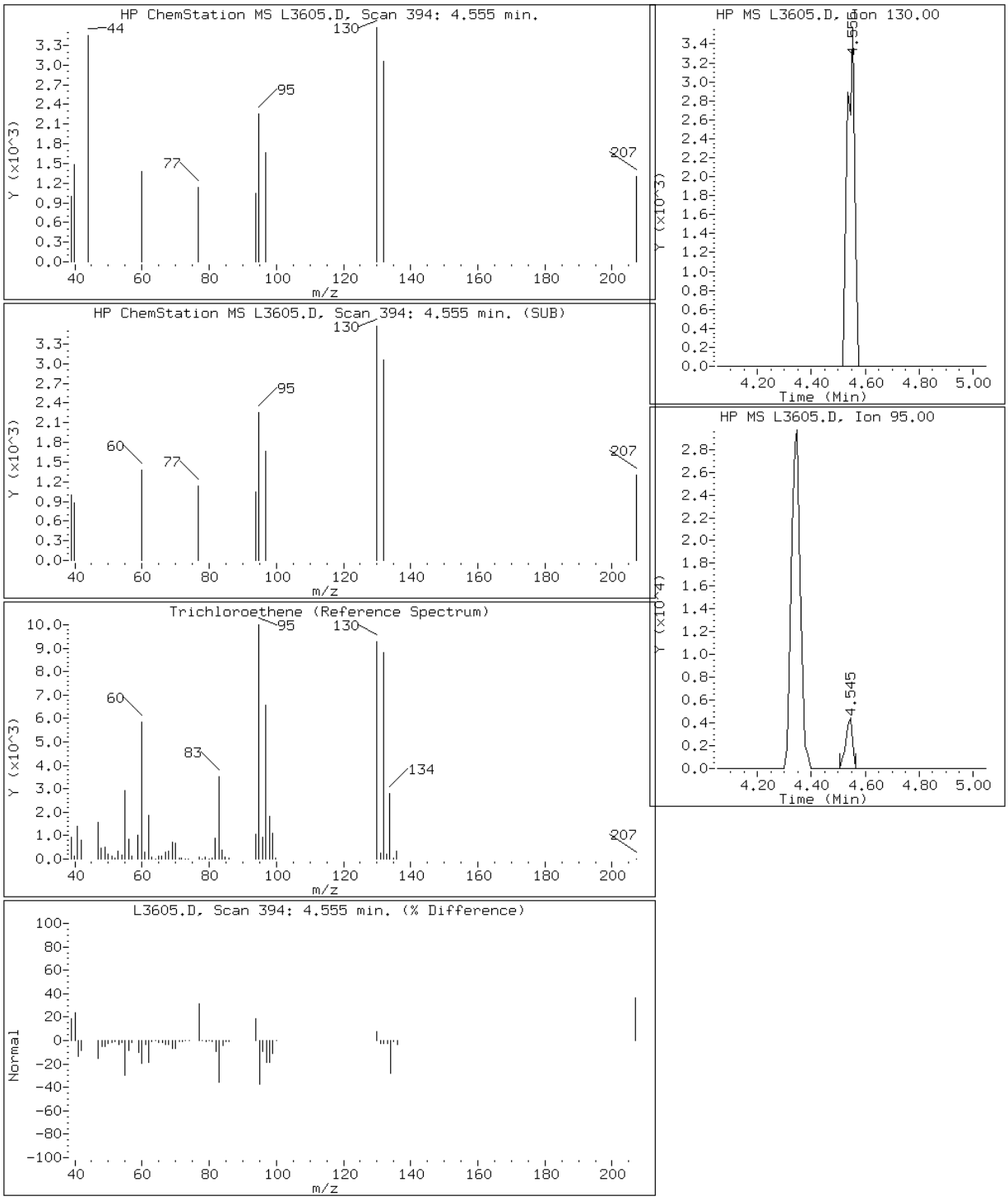
Client ID: MW-31 I

Instrument: msl.i

Sample Info: 220-8385-d-20

Operator: B.KOSTRZEWSKA

60 Trichloroethene



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-25393/6	L3474.D
Level 2	IC 220-25393/5	L3473.D
Level 3	ICIS 220-25393/4	L3472.D
Level 4	IC 220-25393/3	L3471.D
Level 5	IC 220-25393/2	L3470.D
Level 6	IC 220-25393/1	L3469.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachloroethane	0 0	0	0	0	0	Ave								15.0			
Pentachloroethane	0 0	0	0	0	0	Ave								15.0			
tert-Butyl Formate	+++++ 0	+++++	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.1563 0.1769	0.1150	0.1500	0.1996	0.1650	Lin	0.0608	0.1777							0.9965		
Chloromethane	0.2330 0.2198	0.1821	0.2115	0.2499	0.2151	Ave		0.2186			0.1000	10.4		15.0			
Vinyl chloride	0.2080 0.2166	0.1497	0.2012	0.2335	0.2060	Ave		0.2025				14.0		30.0			
Bromomethane	0.1671 0.1235	0.1108	0.1068	0.1340	0.1301	Lin	-0.029	0.1245							0.9984		
Chloroethane	0.1720 0.1380	0.1200	0.1327	0.1626	0.1396	Ave		0.1442				13.5		15.0			
Trichlorofluoromethane	0.3241 0.3602	0.2382	0.3168	0.3956	0.3474	Lin	0.0481	0.3624							0.9983		
Dichlorofluoromethane	0.5508 0.5049	0.4195	0.4953	0.5545	0.4908	Ave		0.5026				9.8		15.0			
Ethyl ether	0.1807 0.1376	0.1551	0.1560	0.1507	0.1393	Ave		0.1532				10.2		15.0			
Ethanol	0.0099 0.0113	0.0064	0.0101	0.0122	0.0108	Lin	0.6822	0.0114							0.9983		
1,1-Dichloro-1-fluoroethane	0.4025 0.4243	0.2912	0.3913	0.4471	0.4059	Ave		0.3937				13.7		15.0			
1,1-Dichloroethene	0.2019 0.1782	0.1343	0.1735	0.2021	0.1764	Ave		0.1777				14.0		30.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.0739 0.0719	0.0489	0.0613	0.0750	0.0658	Ave		0.0661				15.0		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1793 0.1911	0.1199	0.1740	0.2075	0.1832	Lin	0.0501	0.1921							0.9984		
Carbon disulfide	0.7103 0.7429	0.5370	0.7031	0.8100	0.7191	Ave		0.7037				12.9		15.0			
Iodomethane	0.2143 0.3038	0.1894	0.2578	0.3296	0.3085	Lin	0.0571	0.3087							0.9987		
Isopropyl alcohol	0.0139 0.0130	0.0080	0.0074	0.0101	0.0111	Lin	0.2820	0.0132							0.9937		
Acrolein	0.0333 0.0217	0.0366	0.0353	0.0388	0.0335	Ave		0.0332				18.1	*	15.0			
3-Chloro-1-propene	0.4225 0.4144	0.2840	0.3888	0.4447	0.4059	Ave		0.3934				14.4		15.0			
Methylene Chloride	0.4919 0.2727	0.2640	0.3091	0.3149	0.2850	Lin	-0.147	0.2704							0.9985		
Acetone	0.0861 0.0535	0.0813	0.0876	0.0702	0.0771	Ave		0.0760				16.7	*	15.0			
trans-1,2-Dichloroethene	0.2623 0.2495	0.1892	0.2513	0.2856	0.2598	Ave		0.2496				12.9		15.0			
Methyl acetate	0.8517 0.6692	0.7236	0.7793	0.8505	0.7298	Ave		0.7673				9.6		15.0			
Methyl tert-butyl ether	0.9418 0.8937	0.7355	0.8982	0.9548	0.9150	Ave		0.8898				8.9		15.0			
2-Methyl-2-propanol	0.0275 0.0127	0.0288	0.0295	0.0250	0.0242	Ave		0.0246				25.2	*	15.0			
Acetonitrile	0.0495 0.0355	0.0429	0.0491	0.0517	0.0445	Ave		0.0455				13.0		15.0			
Isopropyl ether	1.0611 1.0215	0.8296	1.0465	1.1358	1.0428	Ave		1.0229				10.0		15.0			
2-Chloro-1,3-butadiene	0.2013 0.1927	0.1265	0.1825	0.2153	0.1932	Lin	0.0049	0.1940							0.9984		
1,1-Dichloroethane	0.5402 0.5534	0.3963	0.5239	0.5968	0.5305	Ave		0.5235			0.1000	12.9		15.0			
Acrylonitrile	0.1137 0.0885	0.1044	0.1055	0.1119	0.0967	Ave		0.1034				9.2		15.0			
Tert-butyl ethyl ether	1.0900 1.0879	1.0313	1.0919	1.1587	1.1036	Ave		1.0939				3.7		15.0			
Vinyl acetate	0.9033 0.8629	0.8054	0.8628	0.9323	0.9009	Ave		0.8779				5.1		15.0			
cis-1,2-Dichloroethene	0.3222 0.2978	0.2680	0.3006	0.3259	0.3028	Ave		0.3029				6.8		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2,2-Dichloropropane	0.4607 0.5183	0.3499	0.4361	0.4974	0.4674	Ave		0.4550				13.0		15.0			
1-Bromopropane	0.4265 0.4003	0.3382	0.3901	0.4299	0.3838	Ave		0.3948				8.5		15.0			
Cyclohexane	0.2118 0.2343	0.1613	0.2089	0.2543	0.2294	Ave		0.2166				14.7		15.0			
Chlorobromomethane	0.1680 0.1665	0.1537	0.1674	0.1729	0.1673	Ave		0.1660				3.9		15.0			
Chloroform	0.6327 0.6273	0.4967	0.5728	0.6272	0.5875	Ave		0.5907				8.8		30.0			
Carbon tetrachloride	0.3296 0.3827	0.2362	0.3081	0.3835	0.3465	Lin	0.1311	0.3846							0.9977		
Ethyl acetate	0.1812 0.1355	0.1533	0.1481	0.1595	0.1431	Ave		0.1535				10.4		15.0			
Methyl acrylate	0.3108 0.2647	0.2918	0.2927	0.3077	0.2837	Ave		0.2919				5.8		15.0			
Tetrahydrofuran	0.1062 0.0894	0.1123	0.1016	0.1111	0.0958	Ave		0.1027				8.7		15.0			
1,1,1-Trichloroethane	0.4333 0.4971	0.3235	0.4198	0.4915	0.4484	Ave		0.4356				14.5		15.0			
1,1-Dichloropropene	0.3997 0.4140	0.2718	0.3629	0.4344	0.3996	Lin	0.0626	0.4166							0.9991		
2-Butanone (MEK)	0.1161 0.1053	0.1496	0.1278	0.1079	0.1119	Ave		0.1198				13.9		15.0			
1-Chlorobutane	0.5461 0.5835	0.4035	0.5078	0.5983	0.5627	Ave		0.5336				13.3		15.0			
n-Heptane	0.2691 0.1898	0.2358	0.3063	0.2935	0.2674	Qua	0.2998	0.8810	2.7049						0.9949		
Benzene	0.9855 0.9610	0.8059	0.9632	1.0706	0.9710	Ave		0.9595				8.9		15.0			
Methacrylonitrile	0.2514 0.1955	0.2222	0.2207	0.2117	0.2076	Ave		0.2182				8.7		15.0			
Propionitrile	0.0354 0.0324	0.0353	0.0387	0.0391	0.0346	Ave		0.0359				7.1		15.0			
Isobutyl alcohol	0.0036 0.0040	0.0034	0.0041	0.0043	0.0039	Ave		0.0039				8.5		15.0			
Tert-amyl methyl ether	0.9630 0.8656	0.7855	0.8760	0.9206	0.8828	Ave		0.8822				6.7		15.0			
1,2-Dichloroethane	0.5136 0.5613	0.4611	0.5069	0.5396	0.5330	Ave		0.5192				6.6		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0 0.0040	0.0054	0.0055	0.0067	0.0055	Qua	4.2411	28.446	639.79						0.9990		
Isopropyl acetate	0.4859 0.4453	0.4405	0.4630	0.4892	0.4556	Ave		0.4633				4.4		15.0			
Methylcyclohexane	0.2015 0.2254	0.1614	0.2177	0.2418	0.2313	Ave		0.2132				13.5		15.0			
Trichloroethene	0.2582 0.2712	0.2048	0.2347	0.2807	0.2569	Ave		0.2511				11.0		15.0			
Dibromomethane	0.2259 0.2319	0.2045	0.2249	0.2386	0.2267	Ave		0.2254				5.1		15.0			
1,2-Dichloropropane	0.2854 0.2831	0.2557	0.2794	0.3071	0.2826	Ave		0.2822				5.8		30.0			
Dichlorobromomethane	0.4670 0.4969	0.3976	0.4400	0.4757	0.4657	Ave		0.4571				7.5		15.0			
Methyl methacrylate	0.2055 0.2102	0.2080	0.2242	0.2326	0.2202	Ave		0.2168				4.9		15.0			
1,4-Dioxane	0.0008 0.0011	0.0018	0.0018	0.0021	0.0015	Qua	3.6261	-38.74	10835						0.9977		
n-Propyl acetate	0.1942 0.1736	0.1763	0.1810	0.1935	0.1824	Ave		0.1835				4.7		15.0			
2-Chloroethyl vinyl ether	0.1682 0.1743	0.1764	0.1778	0.1793	0.1768	Ave		0.1755				2.2		15.0			
cis-1,3-Dichloropropene	0.5031 0.5390	0.4568	0.5124	0.5372	0.5176	Ave		0.5110				5.9		15.0			
Toluene	1.2514 1.2523	0.9695	1.1913	1.3189	1.2115	Ave		1.1991				10.1		30.0			
Chloroacetonitrile	0.0092 0.0079	0.0090	0.0085	0.0101	0.0089	Ave		0.0089				8.2		15.0			
2-Nitropropane	0.1113 0.1013	0.0973	0.1035	0.1065	0.1022	Ave		0.1037				4.6		15.0			
1,1-Dichloroacetone	0.2113 0.2020	0.2064	0.2161	0.2371	0.2152	Ave		0.2147				5.7		15.0			
Tetrachloroethene	0.1831 0.2072	0.1515	0.1817	0.2171	0.1965	Ave		0.1895				12.2		15.0			
4-Methyl-2-pentanone (MIBK)	0.4252 0.3567	0.3990	0.4197	0.4225	0.3876	Ave		0.4018				6.6		15.0			
trans-1,3-Dichloropropene	0.5163 0.5573	0.4759	0.5107	0.5548	0.5343	Ave		0.5249				5.8		15.0			
1,1,2-Trichloroethane	0.2600 0.2544	0.2292	0.2548	0.2735	0.2561	Ave		0.2547				5.6		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.5146 0.5112	0.4810	0.5150	0.5622	0.5196	Ave		0.5173				5.0		15.0			
Chlorodibromomethane	0.4081 0.4513	0.3906	0.4128	0.4596	0.4462	Ave		0.4281				6.5		15.0			
1,3-Dichloropropane	0.6425 0.6110	0.5956	0.6230	0.6513	0.6098	Ave		0.6222				3.4		15.0			
Ethylene Dibromide	0.3698 0.3984	0.3616	0.3789	0.4247	0.3948	Ave		0.3880				5.9		15.0			
n-Butyl acetate	0.2346 0.2185	0.2150	0.2415	0.1765	0.2312	Ave		0.2195				10.6		15.0			
2-Hexanone	0.2661 0.2532	0.2590	0.2887	0.2995	0.2651	Ave		0.2719				6.7		15.0			
Chlorobenzene	0.8093 0.8034	0.7083	0.7835	0.8616	0.7904	Ave		0.7928			0.3000	6.3		15.0			
1-Chlorohexane	0.3693 0.3115	0.2336	0.2823	0.4260	0.3028	Qua	0.0718	2.6492	0.2198						0.9907		
Ethylbenzene	0.3250 0.3626	0.2886	0.3385	0.3751	0.3481	Ave		0.3397				9.0		30.0			
1,1,1,2-Tetrachloroethane	0.3185 0.3400	0.2774	0.3102	0.3507	0.3202	Ave		0.3195				8.0		15.0			
m-Xylene & p-Xylene	0.4048 0.4254	0.3422	0.4056	0.4674	0.4188	Ave		0.4107				9.9		15.0			
o-Xylene	0.4137 0.4341	0.3709	0.4113	0.4595	0.4286	Ave		0.4197				7.0		15.0			
Styrene	0.7870 0.7867	0.6724	0.7613	0.8260	0.7746	Ave		0.7680				6.7		15.0			
Bromoform	0.2358 0.2736	0.2333	0.2660	0.2857	0.2711	Ave		0.2609			0.1000	8.2		15.0			
Isopropylbenzene	2.2040 2.3438	1.8512	2.2068	2.3957	2.2961	Ave		2.2163				8.8		15.0			
Bromobenzene	0.8000 0.8023	0.7611	0.8229	0.8835	0.8151	Ave		0.8142				4.9		15.0			
N-Propylbenzene	2.7040 2.8451	2.3977	2.7244	3.0163	2.7914	Ave		2.7465				7.4		15.0			
1,1,2,2-Tetrachloroethane	1.0551 0.9701	1.0276	1.0937	1.1003	1.0362	Ave		1.0472			0.3000	4.6		15.0			
4-Ethyltoluene	2.1774 2.2661	1.8438	2.1447	2.3682	2.2510	Ave		2.1752				8.3		15.0			
2-Chlorotoluene	2.3006 2.2800	1.9559	2.3401	2.3992	2.2389	Ave		2.2524				6.9		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.3267 0.2916	0.3233	0.3244	0.3300	0.3108	Ave		0.3178				4.5		15.0			
1,3,5-Trimethylbenzene	1.9154 1.8612	1.5651	1.8386	2.0058	1.8640	Ave		1.8417				8.0		15.0			
trans-1,4-Dichloro-2-butene	0.2464 0.2598	0.2656	0.2654	0.2942	0.2732	Ave		0.2674				5.9		15.0			
4-Chlorotoluene	2.3381 2.1487	2.0149	2.2563	2.3242	2.1289	Ave		2.2019				5.7		15.0			
tert-Butylbenzene	1.4449 1.4314	1.2086	1.4588	1.5964	1.4189	Ave		1.4265				8.7		15.0			
1,2,4-Trimethylbenzene	1.9595 1.9412	1.7082	1.9299	2.0538	1.9286	Ave		1.9202				5.9		15.0			
sec-Butylbenzene	2.1772 1.9920	1.8903	2.2461	2.3607	2.1350	Ave		2.1335				8.0		15.0			
4-Isopropyltoluene	1.7076 1.6438	1.5321	1.8575	1.9514	1.7705	Ave		1.7438				8.6		15.0			
1,3-Dichlorobenzene	1.1201 1.1487	1.1168	1.1861	1.2405	1.1800	Ave		1.1654				4.0		15.0			
1,4-Dichlorobenzene	1.3153 1.1760	1.0879	1.2602	1.2744	1.2001	Ave		1.2190				6.7		15.0			
p-Diethylbenzene	0.3215 0.2922	0.2555	0.3335	0.3321	0.3141	Ave		0.3082				9.7		15.0			
Benzyl chloride	0.2746 0.3251	0.3072	0.3435	0.3638	0.3383	Ave		0.3254				9.6		15.0			
n-Butylbenzene	2.3674 1.6678	1.8504	2.0827	2.3008	1.7457	Ave		2.0025				14.6		15.0			
1,2-Dichlorobenzene	1.2545 1.1047	1.0809	1.1854	1.2298	1.1125	Ave		1.1613				6.2		15.0			
1,2,4,5-Tetramethylbenzene	0.5824 0.4922	0.5098	0.5674	0.5621	0.5154	Ave		0.5382				6.9		15.0			
1,2-Dibromo-3-Chloropropane	0.2198 0.1857	0.1937	0.2308	0.2169	0.1905	Ave		0.2062				9.0		15.0			
Nitrobenzene	0.0560 0.0561	0.0537	0.0574	0.0648	0.0597	Ave		0.0580				6.7		15.0			
Hexachlorobutadiene	0.5424 0.2068	0.3909	0.3406	0.2778	0.2262	Lin	-0.523	0.1970							0.9965		
1,2,4-Trichlorobenzene	0.7004 0.5090	0.6391	0.6939	0.6644	0.5837	Ave		0.6317				11.6		15.0			
Naphthalene	1.7304 1.3548	1.6407	1.8601	1.6902	1.5417	Ave		1.6363				10.6		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.6297 0.4601	0.6051	0.6577	0.6109	0.5436	Ave		0.5845				12.3		15.0			
Dibromofluoromethane	0.2112 0.2147	0.1744	0.1986	0.2191	0.2078	Ave		0.2043				7.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2975 0.2714	0.2416	0.2616	0.2733	0.2621	Ave		0.2679				6.9		15.0			
Toluene-d8 (Surr)	0.6671 0.6669	0.5202	0.6339	0.6919	0.6430	Ave		0.6371				9.5		15.0			
4-Bromofluorobenzene	0.6813 0.6389	0.5549	0.6746	0.6786	0.6395	Ave		0.6447				7.4		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-25393/6	L3474.D
Level 2	IC 220-25393/5	L3473.D
Level 3	ICIS 220-25393/4	L3472.D
Level 4	IC 220-25393/3	L3471.D
Level 5	IC 220-25393/2	L3470.D
Level 6	IC 220-25393/1	L3469.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachloroethane	DCB	Ave	0 0	0	0	0	0	5.00 200	10.0	20.0	50.0	100
Pentachloroethane	DCB	Ave	0 0	0	0	0	0	5.00 200	10.0	20.0	50.0	100
tert-Butyl Formate	FB	Ave	+++++ 0	+++++	0	0	0	+++++ 200	+++++	20.0	50.0	100
Dichlorodifluoromethane	FB	Lin	23589 1102300	38235	98822	324507	554722	5.00 200	10.0	20.0	50.0	100
Chloromethane	FB	Ave	35176 1369390	60545	139317	406261	723154	5.00 200	10.0	20.0	50.0	100
Vinyl chloride	FB	Ave	31400 1349800	49762	132547	379617	692623	5.00 200	10.0	20.0	50.0	100
Bromomethane	FB	Lin	25229 769238	36832	70376	217876	437455	5.00 200	10.0	20.0	50.0	100
Chloroethane	FB	Ave	25961 860159	39899	87415	264400	469466	5.00 200	10.0	20.0	50.0	100
Trichlorofluoromethane	FB	Lin	48928 2244170	79172	208712	643227	1168120	5.00 200	10.0	20.0	50.0	100
Dichlorofluoromethane	FB	Ave	83154 3145880	139451	326267	901534	1650180	5.00 200	10.0	20.0	50.0	100
Ethyl ether	FB	Ave	27282 857401	51548	102749	245064	468495	5.00 200	10.0	20.0	50.0	100
Ethanol	FB	Lin	14979 703492	21231	66432	197938	362858	50.0 2000	100	200	500	1000
1,1-Dichloro-1-fluoroethane	FB	Ave	60760 2643690	96806	257793	727005	1364840	5.00 200	10.0	20.0	50.0	100
1,1-Dichloroethene	FB	Ave	30475 1110040	44629	114263	328638	593063	5.00 200	10.0	20.0	50.0	100
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	11154 447921	16261	40376	121867	221154	5.00 200	10.0	20.0	50.0	100
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Lin	27065 1190980	39857	114608	337437	616087	5.00 200	10.0	20.0	50.0	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon disulfide	FB	Ave	107225 4629010	178515	463144	1316940	2418080	5.00 200	10.0	20.0	50.0	100
Iodomethane	FB	Lin	32359 1892840	62951	169854	535820	1037410	5.00 200	10.0	20.0	50.0	100
Isopropyl alcohol	FB	Lin	2096 80905	2650	4860	16444	37396	5.00 200	10.0	20.0	50.0	100
Acrolein	FB	Ave	25105 674642	60851	116307	315711	563670	25.0 1000	50.0	100	250	500
3-Chloro-1-propene	FB	Ave	63787 2582130	94419	256141	723051	1364970	5.00 200	10.0	20.0	50.0	100
Methylene Chloride	FB	Lin	74260 1699290	87769	203633	512045	958271	5.00 200	10.0	20.0	50.0	100
Acetone	FB	Ave	13001 333053	27041	57726	114185	259122	5.00 200	10.0	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	39593 1554690	62892	165533	464379	873538	5.00 200	10.0	20.0	50.0	100
Methyl acetate	FB	Ave	128578 4169510	240553	513335	1382820	2453880	5.00 200	10.0	20.0	50.0	100
Methyl tert-butyl ether	FB	Ave	142178 5568650	244505	591713	1552450	3076550	5.00 200	10.0	20.0	50.0	100
2-Methyl-2-propanol	FB	Ave	20779 395791	47803	97262	202954	406416	25.0 1000	50.0	100	250	500
Acetonitrile	FB	Ave	74663 2214050	142710	323692	841240	1494830	50.0 2000	100	200	500	1000
Isopropyl ether	FB	Ave	160190 6364730	275770	689347	1846740	3506530	5.00 200	10.0	20.0	50.0	100
2-Chloro-1,3-butadiene	FB	Lin	30387 1200560	42052	120238	350076	649520	5.00 200	10.0	20.0	50.0	100
1,1-Dichloroethane	FB	Ave	81556 3448320	131731	345111	970399	1783850	5.00 200	10.0	20.0	50.0	100
Acrylonitrile	FB	Ave	34321 1103330	69406	139013	363888	650171	10.0 400	20.0	40.0	100	200
Tert-butyl ethyl ether	FB	Ave	164555 6778360	342819	719280	1883980	3710850	5.00 200	10.0	20.0	50.0	100
Vinyl acetate	FB	Ave	136373 5376810	267731	568347	1515800	3029260	5.00 200	10.0	20.0	50.0	100
cis-1,2-Dichloroethene	FB	Ave	48637 1855270	89095	198009	529835	1018180	5.00 200	10.0	20.0	50.0	100
2,2-Dichloropropane	FB	Ave	69552 3229170	116305	287295	808769	1571770	5.00 200	10.0	20.0	50.0	100
1-Bromopropane	FB	Ave	64387 2494430	112412	256970	699014	1290590	5.00 200	10.0	20.0	50.0	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Ave	31974 1459940	53607	137587	413453	771249	5.00 200	10.0	20.0	50.0	100
Chlorobromomethane	FB	Ave	25367 1037740	51098	110297	281102	562444	5.00 200	10.0	20.0	50.0	100
Chloroform	FB	Ave	95511 3908830	165120	377352	1019810	1975420	5.00 200	10.0	20.0	50.0	100
Carbon tetrachloride	FB	Lin	49765 2384270	78527	202989	623460	1164980	5.00 200	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	54722 1688740	101949	195184	518743	962685	10.0 400	20.0	40.0	100	200
Methyl acrylate	FB	Ave	46927 1649050	97010	192827	500352	953953	5.00 200	10.0	20.0	50.0	100
Tetrahydrofuran	FB	Ave	32074 1113670	74683	133854	361240	644439	10.0 400	20.0	40.0	100	200
1,1,1-Trichloroethane	FB	Ave	65413 3097130	107524	276552	799152	1507640	5.00 200	10.0	20.0	50.0	100
1,1-Dichloropropene	FB	Lin	60335 2579850	90368	239034	706321	1343750	5.00 200	10.0	20.0	50.0	100
2-Butanone (MEK)	FB	Ave	17526 655946	49737	84211	175450	376377	5.00 200	10.0	20.0	50.0	100
1-Chlorobutane	FB	Ave	82445 3635930	134116	334507	972744	1892170	5.00 200	10.0	20.0	50.0	100
n-Heptane	FB	Qua	40632 1182570	78398	201798	477281	899221	5.00 200	10.0	20.0	50.0	100
Benzene	FB	Ave	148771 5988000	267902	634528	1740750	3265030	5.00 200	10.0	20.0	50.0	100
Methacrylonitrile	FB	Ave	37949 1218380	73870	145386	344271	698159	5.00 200	10.0	20.0	50.0	100
Propionitrile	FB	Ave	53456 2018550	117363	255093	634981	1164180	50.0 2000	100	200	500	1000
Isobutyl alcohol	FB	Ave	5477 248609	11283	26734	70406	129923	50.0 2000	100	200	500	1000
Tert-amyl methyl ether	FB	Ave	145377 5393290	261113	577072	1496840	2968380	5.00 200	10.0	20.0	50.0	100
1,2-Dichloroethane	FB	Ave	77529 3497170	153287	333951	877259	1792150	5.00 200	10.0	20.0	50.0	100
n-Butanol	FB	Qua	0 250739	17850	36345	108987	183262	50.0 2000	100	200	500	1000
Isopropyl acetate	FB	Ave	146713 5549690	292891	610064	1590690	3064050	10.0 400	20.0	40.0	100	200
Methylcyclohexane	FB	Ave	30414 1404540	53654	143388	393201	777585	5.00 200	10.0	20.0	50.0	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	38983 1689990	68079	154595	456459	863754	5.00 200	10.0	20.0	50.0	100
Dibromomethane	FB	Ave	34101 1445240	67976	148175	387930	762408	5.00 200	10.0	20.0	50.0	100
1,2-Dichloropropane	FB	Ave	43092 1763670	85009	184072	499344	950181	5.00 200	10.0	20.0	50.0	100
Dichlorobromomethane	FB	Ave	70497 3096430	132170	289876	773358	1565790	5.00 200	10.0	20.0	50.0	100
Methyl methacrylate	FB	Ave	31022 1309640	69140	147670	378145	740476	5.00 200	10.0	20.0	50.0	100
1,4-Dioxane	FB	Qua	1278 66633	6053	12182	34040	50531	50.0 2000	100	200	500	1000
n-Propyl acetate	FB	Ave	58638 2163160	117211	238499	629357	1226920	10.0 400	20.0	40.0	100	200
2-Chloroethyl vinyl ether	FB	Ave	25390 1085920	58647	117120	291574	594626	5.00 200	10.0	20.0	50.0	100
cis-1,3-Dichloropropene	FB	Ave	75947 3358430	151836	337561	873497	1740280	5.00 200	10.0	20.0	50.0	100
Toluene	CBZ	Ave	152436 6422590	252275	624977	1703850	3314270	5.00 200	10.0	20.0	50.0	100
Chloroacetonitrile	FB	Ave	13823 492613	29833	56131	164345	298945	50.0 2000	100	200	500	1000
2-Nitropropane	FB	Ave	33590 1262370	64705	136378	346419	687387	10.0 400	20.0	40.0	100	200
1,1-Dichloroacetone	CBZ	Ave	128699 5179920	268554	566817	1531460	2943870	25.0 1000	50.0	100	250	500
Tetrachloroethene	CBZ	Ave	22303 1062710	39415	95309	280426	537557	5.00 200	10.0	20.0	50.0	100
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	51794 1829570	103825	220207	545832	1060470	5.00 200	10.0	20.0	50.0	100
trans-1,3-Dichloropropene	FB	Ave	77948 3472390	158213	336432	901975	1796750	5.00 200	10.0	20.0	50.0	100
1,1,2-Trichloroethane	FB	Ave	39256 1585290	76207	167874	444650	861246	5.00 200	10.0	20.0	50.0	100
Ethyl methacrylate	CBZ	Ave	62691 2622030	125158	270165	726337	1421600	5.00 200	10.0	20.0	50.0	100
Chlorodibromomethane	CBZ	Ave	49711 2314510	101637	216572	593733	1220620	5.00 200	10.0	20.0	50.0	100
1,3-Dichloropropane	CBZ	Ave	78260 3133550	154981	326815	841454	1668130	5.00 200	10.0	20.0	50.0	100
Ethylene Dibromide	CBZ	Ave	45042 2043520	94097	198770	548724	1079980	5.00 200	10.0	20.0	50.0	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butyl acetate	CBZ	Ave	28576 1120530	55937	126712	228012	632541	5.00 200	10.0	20.0	50.0	100
2-Hexanone	CBZ	Ave	32409 1298520	67395	151442	386882	725166	5.00 200	10.0	20.0	50.0	100
Chlorobenzene	CBZ	Ave	98587 4120400	184311	411028	1113110	2162340	5.00 200	10.0	20.0	50.0	100
1-Chlorohexane	CBZ	Qua	44987 1597500	60779	148093	550297	828386	5.00 200	10.0	20.0	50.0	100
Ethylbenzene	CBZ	Ave	39586 1859610	75106	177591	484628	952293	5.00 200	10.0	20.0	50.0	100
1,1,1,2-Tetrachloroethane	CBZ	Ave	38799 1743740	72177	162747	453066	876027	5.00 200	10.0	20.0	50.0	100
m-Xylene & p-Xylene	CBZ	Ave	98632 4363720	178108	425617	1207760	2291270	10.0 400	20.0	40.0	100	200
o-Xylene	CBZ	Ave	50398 2226320	96525	215750	593626	1172530	5.00 200	10.0	20.0	50.0	100
Styrene	CBZ	Ave	95866 4034820	174980	399402	1067160	2119030	5.00 200	10.0	20.0	50.0	100
Bromoform	CBZ	Ave	28725 1403130	60709	139525	369065	741774	5.00 200	10.0	20.0	50.0	100
Isopropylbenzene	DCB	Ave	106039 4912760	185580	449517	1248090	2524130	5.00 200	10.0	20.0	50.0	100
Bromobenzene	DCB	Ave	38491 1681770	76296	167629	460288	896088	5.00 200	10.0	20.0	50.0	100
N-Propylbenzene	DCB	Ave	130095 5963540	240365	554961	1571400	3068620	5.00 200	10.0	20.0	50.0	100
1,1,2,2-Tetrachloroethane	DCB	Ave	50764 2033400	103013	222791	573205	1139070	5.00 200	10.0	20.0	50.0	100
4-Ethyltoluene	DCB	Ave	104758 4749870	184842	436885	1233750	2474540	5.00 200	10.0	20.0	50.0	100
2-Chlorotoluene	DCB	Ave	110687 4778960	196073	476676	1249900	2461240	5.00 200	10.0	20.0	50.0	100
1,2,3-Trichloropropane	DCB	Ave	15718 611249	32410	66075	171914	341633	5.00 200	10.0	20.0	50.0	100
1,3,5-Trimethylbenzene	DCB	Ave	92153 3901170	156895	374530	1044920	2049140	5.00 200	10.0	20.0	50.0	100
trans-1,4-Dichloro-2-butene	DCB	Ave	23707 1089100	53247	108109	306551	600625	10.0 400	20.0	40.0	100	200
4-Chlorotoluene	DCB	Ave	112492 4503860	201996	459619	1210840	2340370	5.00 200	10.0	20.0	50.0	100
tert-Butylbenzene	DCB	Ave	69518 3000220	121164	297159	831659	1559810	5.00 200	10.0	20.0	50.0	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	DCB	Ave	94274 4068770	171247	393115	1069950	2120150	5.00 200	10.0	20.0	50.0	100
sec-Butylbenzene	DCB	Ave	104748 4175230	189502	457533	1229810	2347000	5.00 200	10.0	20.0	50.0	100
4-Isopropyltoluene	DCB	Ave	82155 3445500	153587	378370	1016600	1946390	5.00 200	10.0	20.0	50.0	100
1,3-Dichlorobenzene	DCB	Ave	53889 2407630	111961	241612	646275	1297160	5.00 200	10.0	20.0	50.0	100
1,4-Dichlorobenzene	DCB	Ave	63282 2464970	109064	256711	663904	1319320	5.00 200	10.0	20.0	50.0	100
p-Diethylbenzene	FB	Ave	48534 1820630	84931	219685	539984	1056260	5.00 200	10.0	20.0	50.0	100
Benzyl chloride	DCB	Ave	13210 681354	30795	69976	189532	371944	5.00 200	10.0	20.0	50.0	100
n-Butylbenzene	DCB	Ave	113899 3495730	185502	424254	1198610	1919110	5.00 200	10.0	20.0	50.0	100
1,2-Dichlorobenzene	DCB	Ave	60357 2315470	108356	241456	640658	1222980	5.00 200	10.0	20.0	50.0	100
1,2,4,5-Tetramethylbenzene	FB	Ave	87925 3067150	169465	373801	913857	1733100	5.00 200	10.0	20.0	50.0	100
1,2-Dibromo-3-Chloropropane	DCB	Ave	10574 389238	19418	47014	113011	209392	5.00 200	10.0	20.0	50.0	100
Nitrobenzene	DCB	Ave	26952 1176870	53869	116951	337676	655812	50.0 2000	100	200	500	1000
Hexachlorobutadiene	DCB	Lin	26097 433497	39188	69375	144737	248657	5.00 200	10.0	20.0	50.0	100
1,2,4-Trichlorobenzene	DCB	Ave	33699 1066830	64068	141338	346116	641644	5.00 200	10.0	20.0	50.0	100
Naphthalene	DCB	Ave	83251 2839820	164474	378906	880507	1694850	5.00 200	10.0	20.0	50.0	100
1,2,3-Trichlorobenzene	DCB	Ave	30295 964370	60663	133967	318255	597590	5.00 200	10.0	20.0	50.0	100
Dibromofluoromethane	FB	Ave	31883 1337600	57990	130835	356183	698745	5.00 200	10.0	20.0	50.0	100
1,2-Dichloroethane-d4 (Surr)	FB	Ave	44914 1690850	80297	172327	444362	881486	5.00 200	10.0	20.0	50.0	100
Toluene-d8 (Surr)	CBZ	Ave	81263 3420140	135352	332563	893829	1759020	5.00 200	10.0	20.0	50.0	100
4-Bromofluorobenzene	DCB	Ave	32779 1339240	55626	137426	353531	703052	5.00 200	10.0	20.0	50.0	100

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25393

SDG No.: 220-8385

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/19/2009 14:50 Calibration End Date: 03/19/2009 17:20 Calibration ID: 3299

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L3469.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 19-MAR-2009 14:50 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;200
Misc Info : : ;;;; ;8260; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L8260BNW.m
Meth Date : 20-Mar-2009 09:25 barbara Quant Type: ISTD
Cal Date : 19-MAR-2009 14:50 Cal File: L3469.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.361	4.361	(1.000)	778862	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.231)	1102301	200.000	200(A)
3	Chloromethane	50	1.108	1.108	(0.254)	1369389	200.000	200(A)
4	Vinyl Chloride	62	1.137	1.137	(0.261)	1349797	200.000	210(A)
5	Bromomethane	94	1.295	1.295	(0.297)	769238	200.000	200
6	Chloroethane	64	1.354	1.354	(0.311)	860159	200.000	190
7	Trichlorofluoromethane	101	1.423	1.423	(0.326)	2244172	200.000	200
8	Dichlorofluoromethane	67	1.443	1.443	(0.331)	3145877	200.000	200(A)
9	Ethyl Ether	45	1.561	1.561	(0.358)	857401	200.000	180
10	Ethanol	45	1.610	1.610	(0.369)	703492	2000.00	2000(A)
11	Freon 141	81	1.620	1.620	(0.372)	2643686	200.000	220(A)
12	Freon 123	67	1.679	1.679	(0.385)	447921	200.000	220(A)
13	Trichlorotrifluoroethane	101	1.679	1.679	(0.385)	1190978	200.000	200(A)
14	1,1-Dichloroethene	96	1.670	1.670	(0.383)	1110035	200.000	200(A)
15	Carbon Disulfide	76	1.699	1.699	(0.390)	4629012	200.000	210(A)
16	Iodomethane	142	1.758	1.758	(0.403)	1892844	200.000	200
17	Acrolein	56	1.867	1.867	(0.428)	674642	1000.00	650
18	2-Propanol	45	1.788	1.788	(0.410)	80905	200.000	53(M)
19	3-Chloro-1-Propene	41	1.926	1.926	(0.442)	2582129	200.000	210(A)
20	Methylene Chloride	84	1.995	1.995	(0.458)	1699290	200.000	200
21	Acetone	43	2.054	2.054	(0.471)	333053	200.000	140
22	trans-1,2-Dichloroethene	96	2.093	2.093	(0.480)	1554685	200.000	200
23	Methyl Acetate	43	2.103	2.103	(0.482)	4169509	200.000	170

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.153	2.153	(0.494)	5568654	200.000	200(A)
	25 tert-Butyl alcohol	59	2.261	2.261	(0.519)	395791	1000.00	520(MH)
	26 Acetonitrile	41	2.399	2.399	(0.550)	2214046	2000.00	1600(M)
	27 Isopropyl ether	45	2.399	2.399	(0.550)	6364734	200.000	200
	28 tert-Butyl ethyl ether	59	2.685	2.685	(0.616)	6778360	200.000	200
	29 2-Chloro-1,3-Butadiene	88	2.488	2.488	(0.571)	1200560	200.000	200
	30 Acrylonitrile	53	2.567	2.567	(0.589)	1103332	400.000	340(H)
	31 1,1-Dichloroethane	63	2.508	2.508	(0.575)	3448319	200.000	210(A)
	32 Vinyl Acetate	43	2.695	2.695	(0.618)	5376811	200.000	200
	33 cis-1,2-Dichloroethene	96	2.941	2.941	(0.674)	1855273	200.000	200
	34 2,2-Dichloropropane	77	3.040	3.040	(0.697)	3229168	200.000	230(A)
	35 Bromochloromethane	128	3.129	3.129	(0.717)	1037744	200.000	200(A)
	36 1-Bromopropane	43	3.109	3.109	(0.713)	2494428	200.000	200(A)
	37 Cyclohexane	84	3.129	3.129	(0.717)	1459935	200.000	220(A)
	38 Chloroform	83	3.198	3.198	(0.733)	3908828	200.000	210(A)
	39 Ethyl Acetate	43	3.336	3.336	(0.765)	1688744	400.000	350
	40 Methyl Acrylate	55	3.346	3.346	(0.767)	1649045	200.000	180
$	41 Dibromofluoromethane	111	3.385	3.385	(0.776)	1337597	200.000	210(A)
	42 Tetrahydrofuran	42	3.365	3.365	(0.772)	1113665	400.000	350
	43 Carbon Tetrachloride	117	3.336	3.336	(0.765)	2384266	200.000	200(A)
	44 1,1,1-Trichloroethane	97	3.405	3.405	(0.781)	3097125	200.000	230(A)
	45 2-Butanone	43	3.543	3.543	(0.812)	655946	200.000	180
	46 1,1-Dichloropropene	75	3.533	3.533	(0.810)	2579853	200.000	200(A)
	47 tert-Amyl methyl ether	73	3.986	3.986	(0.914)	5393290	200.000	200
	49 1-Chlorobutane	56	3.602	3.602	(0.826)	3635925	200.000	220(A)
	50 Heptane	43	3.789	3.789	(0.869)	1182565	200.000	200(H)
	51 Propionitrile	54	3.907	3.907	(0.896)	2018552	2000.00	1800(H)
	52 Benzene	78	3.829	3.829	(0.878)	5988002	200.000	200(A)
	53 2-Methyl-2-Propenenitrile	41	3.907	3.907	(0.896)	1218375	200.000	180(M)
	54 Isobutyl alcohol	42	3.986	3.986	(0.914)	248609	2000.00	2000(A)
$	55 1,2-Dichloroethane-d4	65	4.006	4.006	(0.919)	1690847	200.000	200(A)
	56 1,2-Dichloroethane	62	4.085	4.085	(0.937)	3497168	200.000	220(A)
	59 Methyl Cyclohexane	83	4.538	4.538	(1.041)	1404541	200.000	210(A)
	60 Trichloroethene	130	4.558	4.558	(1.045)	1689985	200.000	220(A)
	61 Isopropyl Acetate	43	4.460	4.460	(1.023)	5549685	400.000	380
	62 N-Butanol	56	5.091	5.091	(1.167)	250739	2000.00	2000(M)
	63 Dibromomethane	93	5.041	5.041	(1.156)	1445242	200.000	200(A)
	64 1,2-Dichloropropane	63	5.160	5.160	(1.183)	1763667	200.000	200(A)
	65 Bromodichloromethane	83	5.248	5.248	(1.203)	3096427	200.000	220(A)
	66 Methyl Methacrylate	69	5.465	5.465	(1.253)	1309636	200.000	190
	67 1,4-Dioxane	58	5.623	5.623	(1.289)	66633	2000.00	2000(M)
	68 N-Propyl Acetate	43	5.633	5.633	(1.292)	2163162	400.000	380(H)
	69 2-Chloroethylvinylether	63	5.899	5.899	(1.353)	1085916	200.000	200
	70 cis-1,3-Dichloropropene	75	5.928	5.928	(1.359)	3358431	200.000	210(A)
	71 Chloroacetonitrile	48	6.352	6.352	(1.457)	492613	2000.00	1800
	72 2-Nitropropane	41	6.402	6.402	(1.468)	1262366	400.000	390
	73 trans-1,3-Dichloropropene	75	6.589	6.589	(1.511)	3472392	200.000	210(A)
	74 1,1,2-Trichloroethane	97	6.737	6.737	(1.545)	1585293	200.000	200
*	75 Chlorobenzene-d5	117	7.575	7.575	(1.000)	641094	25.0000	
	76 Toluene	91	6.165	6.165	(0.814)	6422594	200.000	210(A)
$	77 Toluene-d8	98	6.106	6.106	(0.806)	3420138	200.000	210(A)
	78 1,1-Dichloro-2-propanone	43	6.412	6.412	(0.846)	5179922	1000.00	940
	79 4-Methyl-2-Pentanone	43	6.569	6.569	(0.867)	1829569	200.000	180
	80 Tetrachloroethene	164	6.530	6.530	(0.862)	1062708	200.000	220(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	6.786	6.786	(0.896)	2622033	200.000	200
82	Dibromochloromethane	129	6.895	6.895	(0.910)	2314508	200.000	210(A)
83	1,3-Dichloropropane	76	6.983	6.983	(0.922)	3133553	200.000	200
84	1,2-Dibromoethane	107	7.092	7.092	(0.936)	2043522	200.000	200(A)
85	n-Butyl Acetate	56	7.299	7.299	(0.964)	1120527	200.000	200(H)
86	2-Hexanone	43	7.368	7.368	(0.973)	1298517	200.000	190
87	1-Chlorohexane	91	7.604	7.604	(1.004)	1597502	200.000	200(AM)
88	Chlorobenzene	112	7.595	7.595	(1.003)	4120399	200.000	200(A)
89	1,1,1,2-Tetrachloroethane	131	7.664	7.664	(1.012)	1743744	200.000	210(A)
90	Ethylbenzene	106	7.634	7.634	(1.008)	1859610	200.000	210(A)
91	Xylene (total)mp	106	7.772	7.772	(1.026)	4363722	400.000	410(A)
92	Xylene (total)o	106	8.157	8.157	(1.077)	2226315	200.000	210(AH)
93	Styrene	104	8.206	8.206	(1.083)	4034817	200.000	200(A)
94	Bromoform	173	8.206	8.206	(1.083)	1403132	200.000	210(A)
* 95	1,4-Dichlorobenzene-d4	152	9.645	9.645	(1.000)	262007	25.0000	
96	Isopropylbenzene	105	8.442	8.442	(0.875)	4912757	200.000	210(A)
97	Bromobenzene	156	8.748	8.748	(0.907)	1681769	200.000	200
98	1,1,2,2-Tetrachloroethane	83	8.876	8.876	(0.920)	2033403	200.000	180
99	4-Ethyltoluene	105	8.906	8.906	(0.923)	4749871	200.000	210(A)
100	1,2,3-Trichloropropane	110	8.975	8.975	(0.930)	611249	200.000	180
101	trans-1,4-Dichloro-2-Butene	53	9.024	9.024	(0.936)	1089098	400.000	390(H)
102	n-Propylbenzene	91	8.807	8.807	(0.913)	5963535	200.000	210(A)
103	2-Chlorotoluene	91	8.926	8.926	(0.925)	4778961	200.000	200(A)
104	4-Chlorotoluene	91	9.073	9.073	(0.941)	4503857	200.000	200
105	1,3,5-Trimethylbenzene	105	8.985	8.985	(0.932)	3901171	200.000	200(A)
106	tert-Butylbenzene	119	9.251	9.251	(0.959)	3000223	200.000	200(AH)
107	1,2,4-Trimethylbenzene	105	9.320	9.320	(0.966)	4068773	200.000	200(A)
108	sec-Butylbenzene	105	9.409	9.409	(0.975)	4175230	200.000	190
109	4-Isopropyltoluene	119	9.547	9.547	(0.990)	3445499	200.000	190
110	1,3-Dichlorobenzene	146	9.576	9.576	(0.993)	2407632	200.000	200
111	1,4-Dichlorobenzene	146	9.655	9.655	(1.001)	2464970	200.000	190
112	1,2-Dichlorobenzene	146	10.020	10.020	(1.039)	2315473	200.000	190
113	Benzyl Chloride	126	9.882	9.882	(1.025)	681354	200.000	200
114	1,4-Diethylbenzene	119	9.862	9.862	(2.261)	1820625	200.000	190(M)
115	n-Butylbenzene	91	9.911	9.911	(1.028)	3495730	200.000	170(M)
118	1,2,4,5-Tetramethylbenzene	119	10.562	10.562	(2.422)	3067151	200.000	180
119	1,2-Dibromo-3-chloropropane	75	10.720	10.720	(1.111)	389238	200.000	180
120	Nitrobenzene	77	11.213	11.213	(1.163)	1176868	2000.00	1900
121	1,2,4-Trichlorobenzene	180	11.311	11.311	(1.173)	1066833	200.000	160
122	Hexachlorobutadiene	225	11.301	11.301	(1.172)	433497	200.000	200
123	Naphthalene	128	11.597	11.597	(1.202)	2839819	200.000	160
124	1,2,3-Trichlorobenzene	180	11.755	11.755	(1.219)	964370	200.000	160
$ 125	Bromofluorobenzene	95	8.669	8.669	(0.899)	1339244	200.000	200
M 126	1,2-Dichloroethene (total)	100				3409958	400.000	400
M 127	Xylene (total)	100				6590037	600.000	620

QC Flag Legend

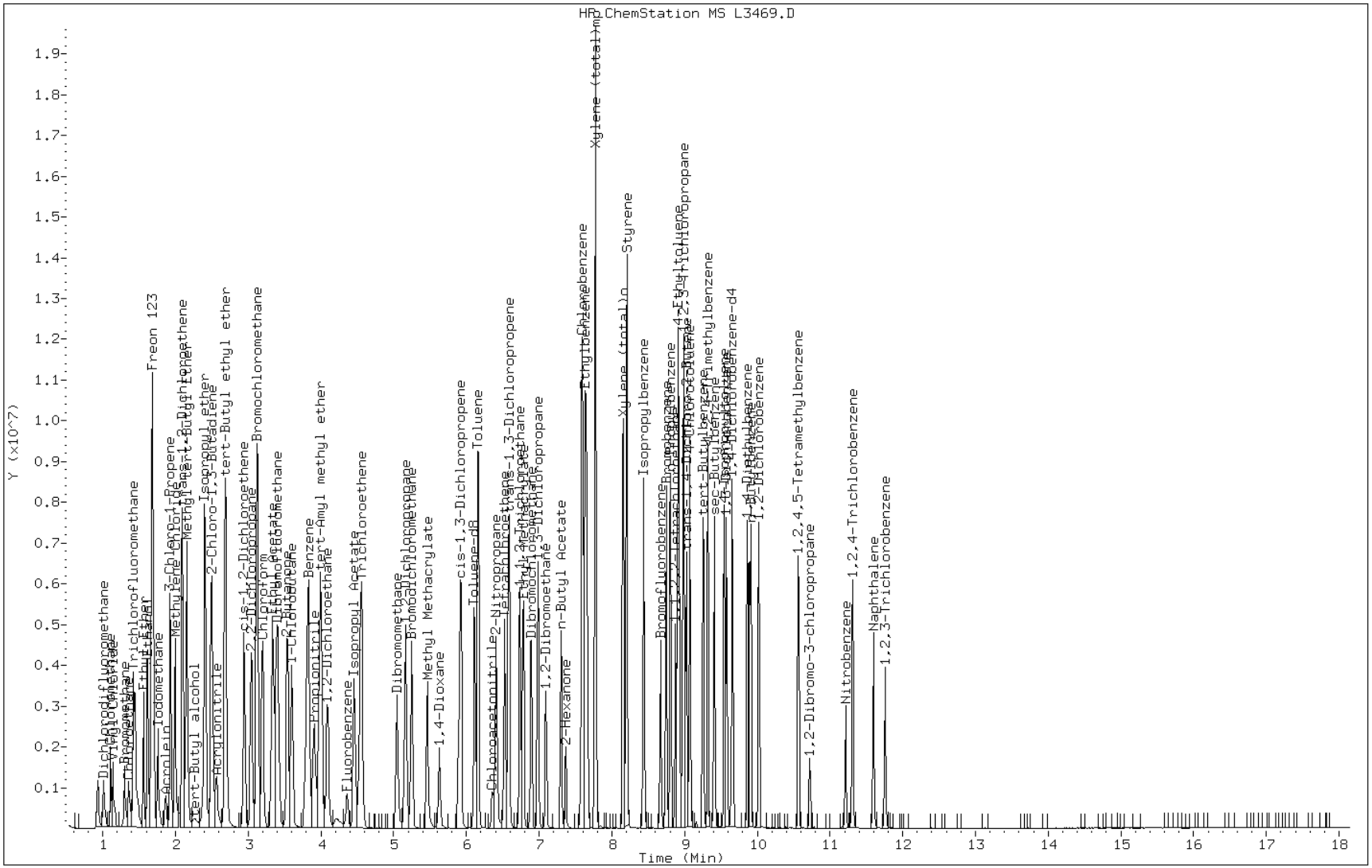
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L3469.D

Date: 19-MAR-2009 14:50

Client ID: IC;200 Instrument: msl.i

Sample Info: IC;200 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 03/20/2009

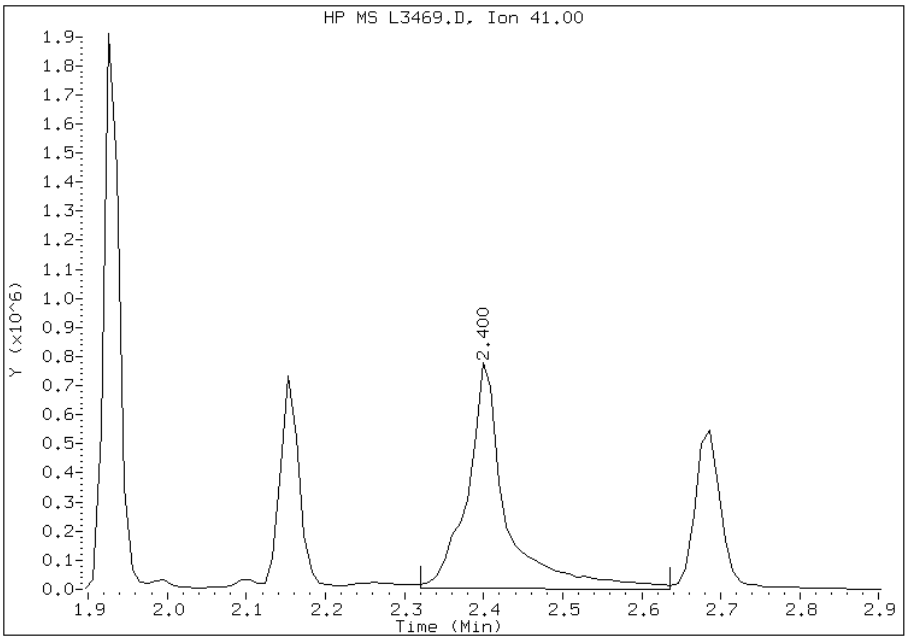
Processing Integration Results

RT: 2.40

Response: 2669096

Amount: 1166

Conc: 1166



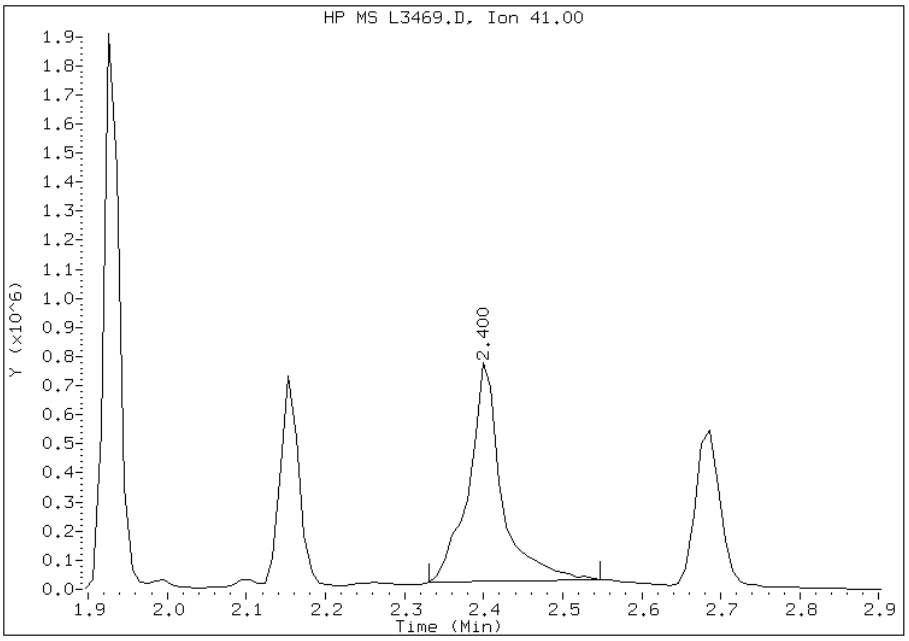
Manual Integration Results

RT: 2.40

Response: 2214046

Amount: 1560

Conc: 1560



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/20/2009

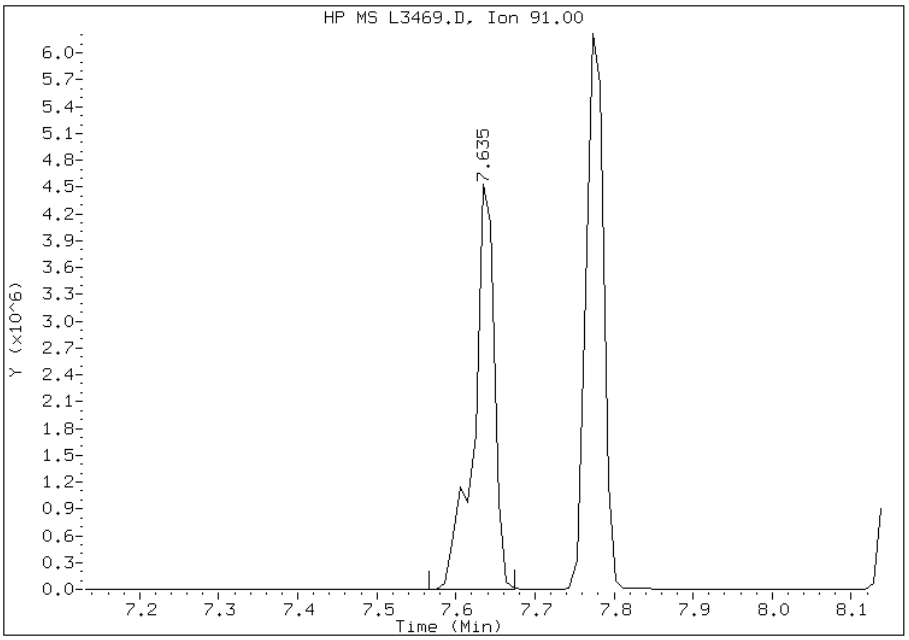
Processing Integration Results

RT: 7.63

Response: 8352542

Amount: 203

Conc: 203



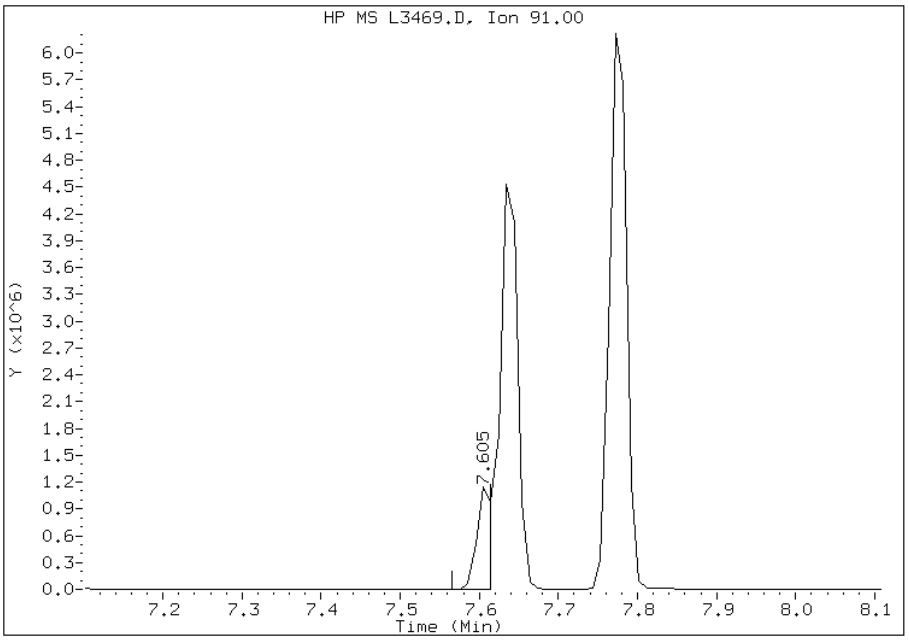
Manual Integration Results

RT: 7.60

Response: 1597502

Amount: 201

Conc: 201



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 03/20/2009

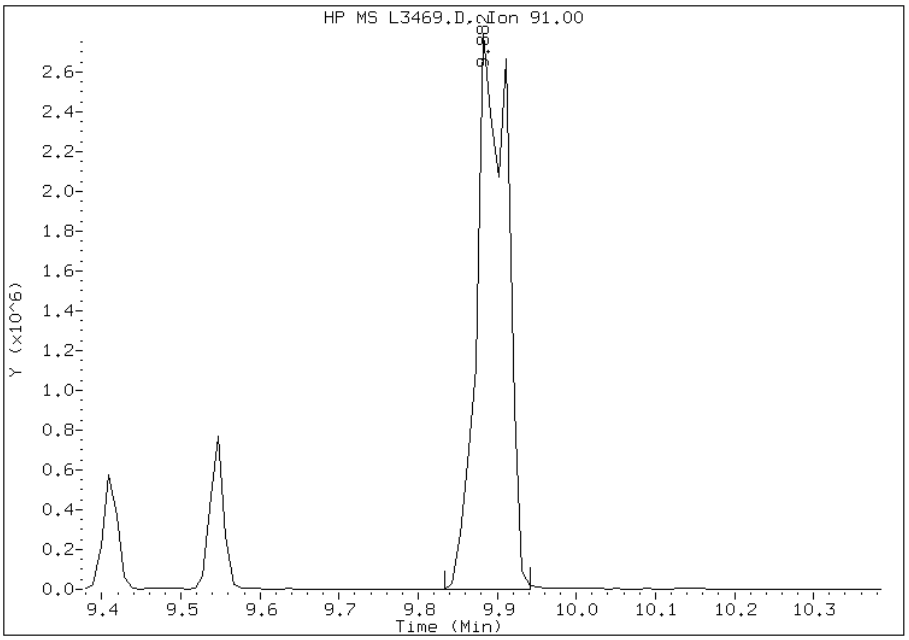
Processing Integration Results

RT: 9.88

Response: 7673547

Amount: 452

Conc: 452



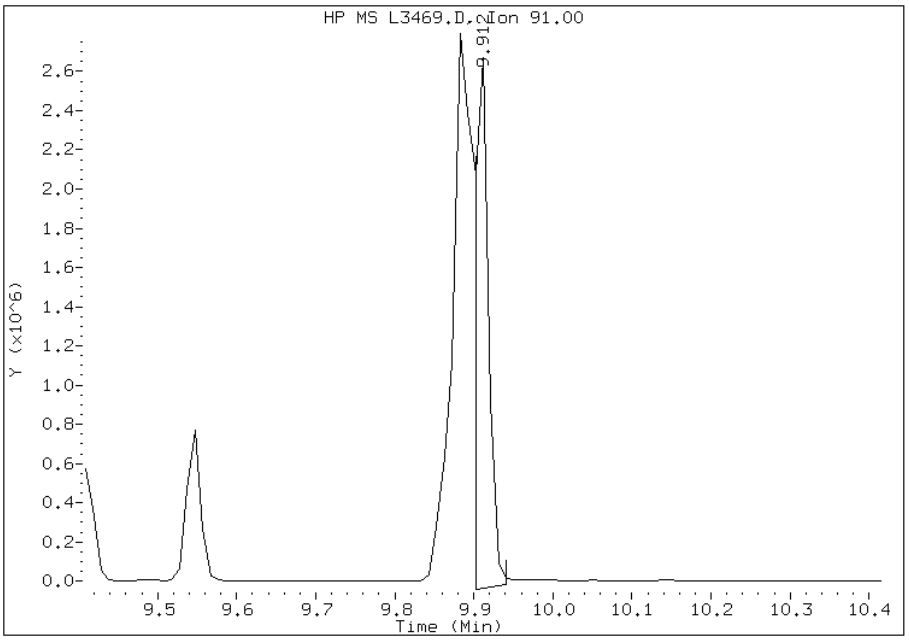
Manual Integration Results

RT: 9.91

Response: 3495730

Amount: 167

Conc: 167



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/20/2009

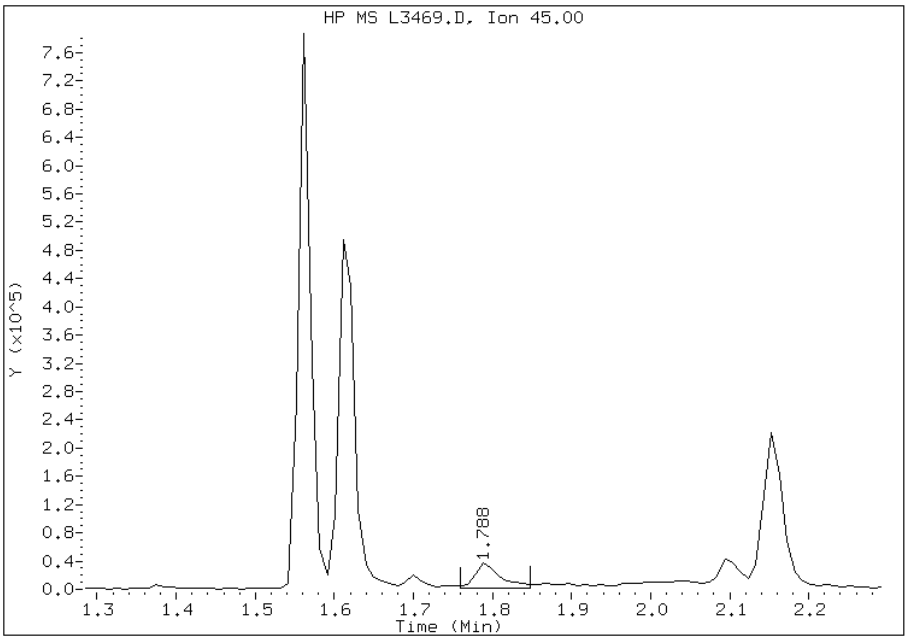
Processing Integration Results

RT: 1.79

Response: 82875

Amount: 173

Conc: 173



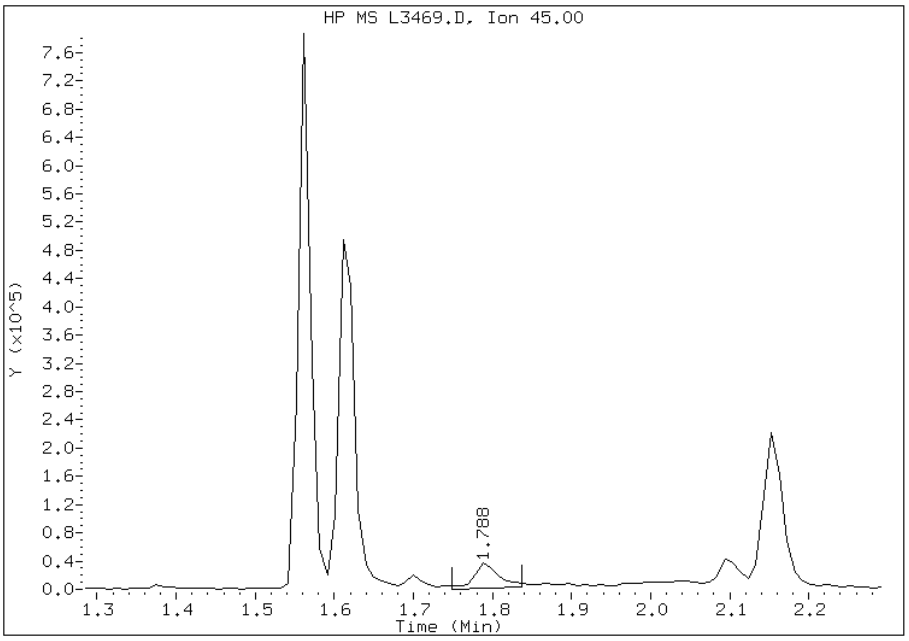
Manual Integration Results

RT: 1.79

Response: 80905

Amount: 53

Conc: 53



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 62 N-Butanol
CAS #: 71-36-3
Report Date: 03/20/2009

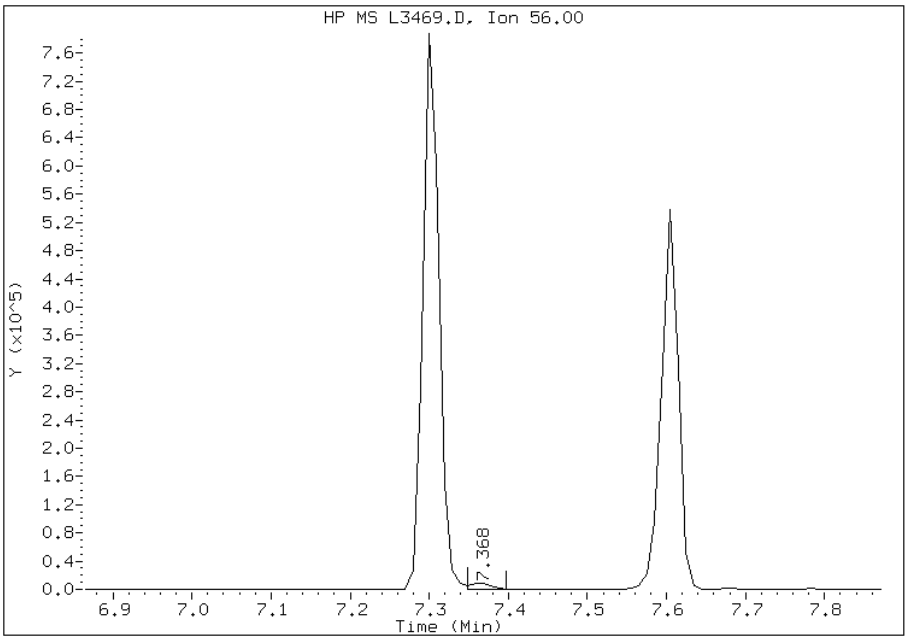
Processing Integration Results

RT: 7.37

Response: 16458

Amount: 28

Conc: 28



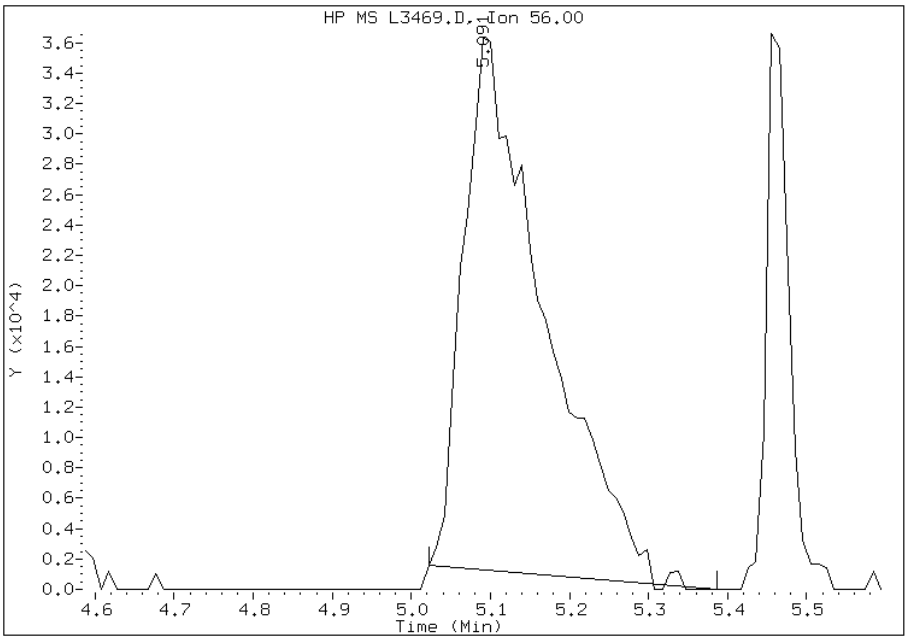
Manual Integration Results

RT: 5.09

Response: 250739

Amount: 1993

Conc: 1993



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 114 1,4-Diethylbenzene
CAS #: 105-05-5
Report Date: 03/20/2009

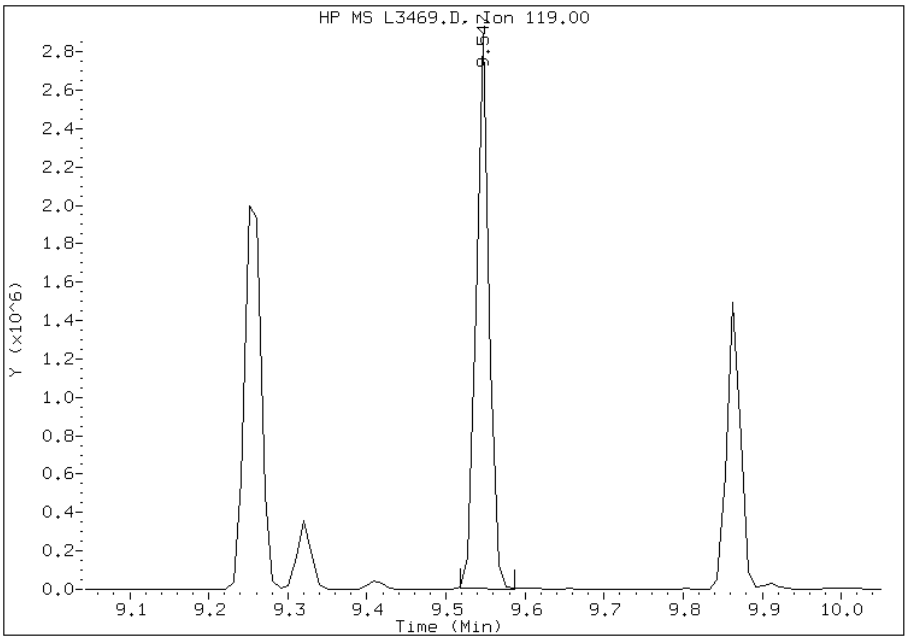
Processing Integration Results

RT: 9.55

Response: 3445499

Amount: 179

Conc: 179



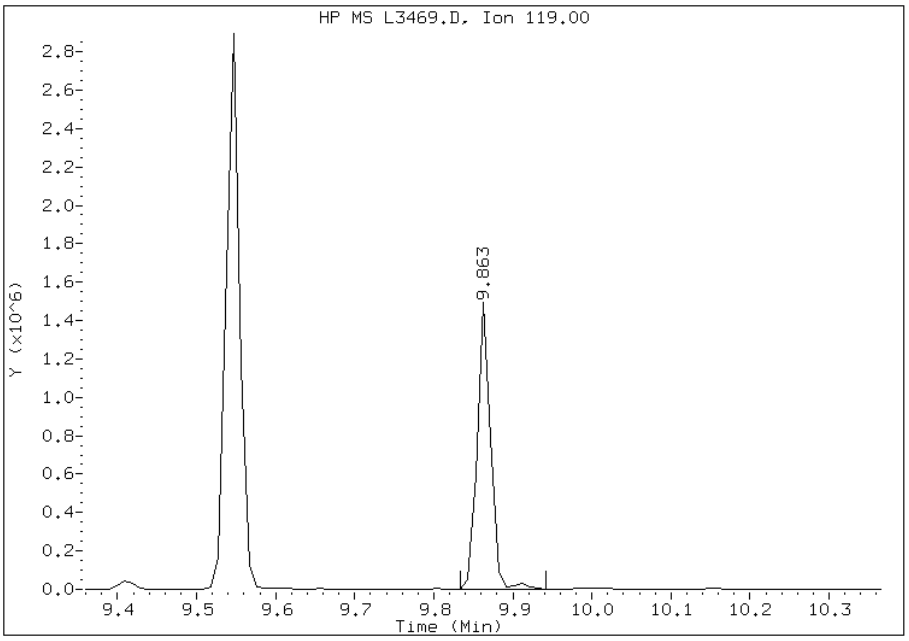
Manual Integration Results

RT: 9.86

Response: 1820625

Amount: 190

Conc: 190



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/20/2009

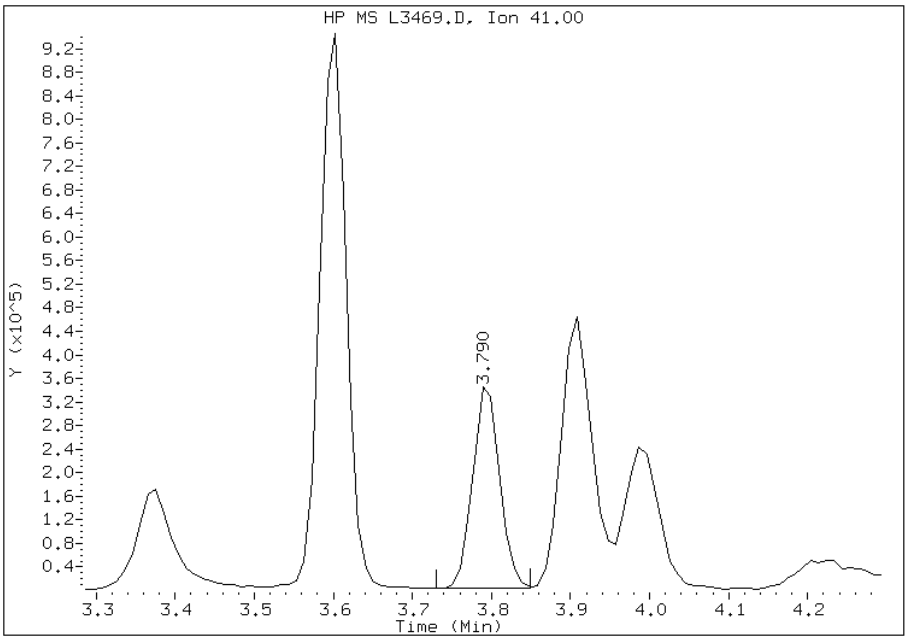
Processing Integration Results

RT: 3.79

Response: 827077

Amount: 96

Conc: 96



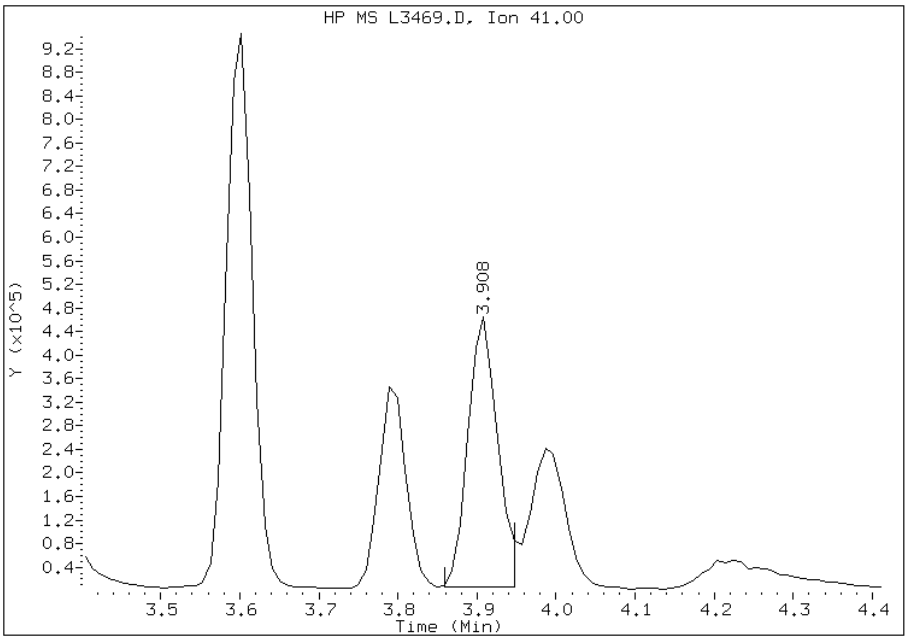
Manual Integration Results

RT: 3.91

Response: 1218375

Amount: 179

Conc: 179



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/20/2009

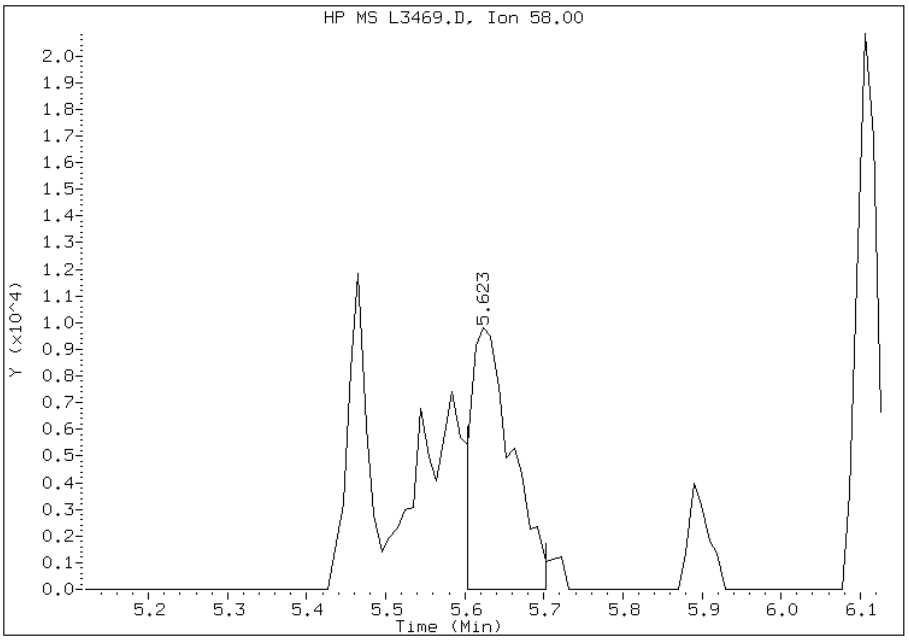
Processing Integration Results

RT: 5.62

Response: 36467

Amount: 903

Conc: 903



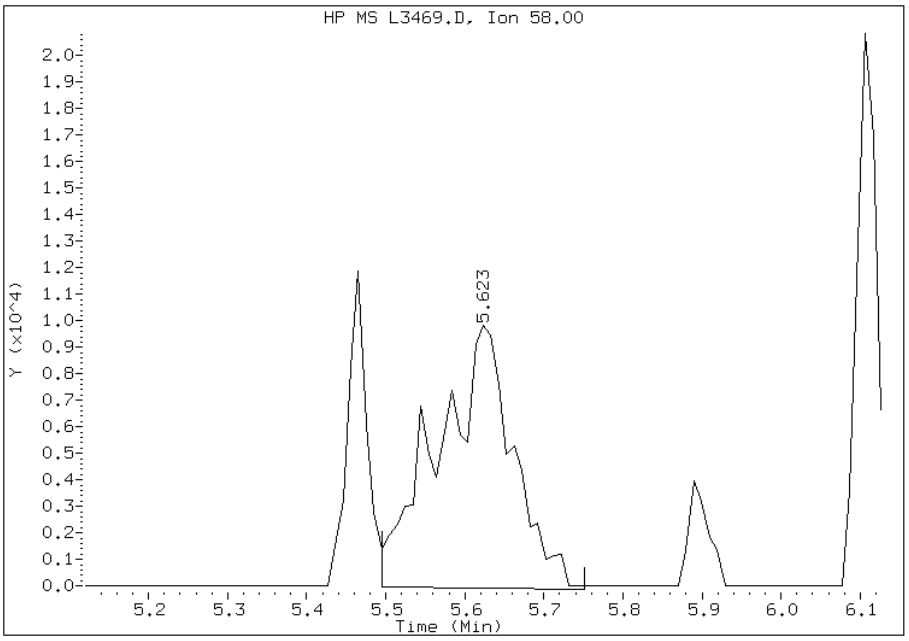
Manual Integration Results

RT: 5.62

Response: 66633

Amount: 1990

Conc: 1990



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3469.D
Inj. Date and Time: 19-MAR-2009 14:50
Instrument ID: msl.i
Client ID: IC;200
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/20/2009

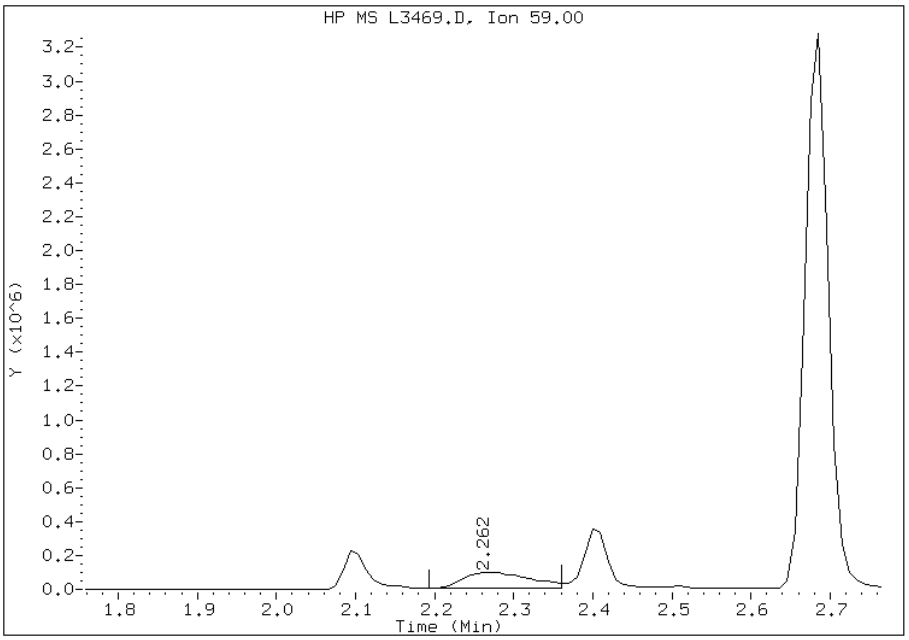
Processing Integration Results

RT: 2.26

Response: 572545

Amount: 530

Conc: 530



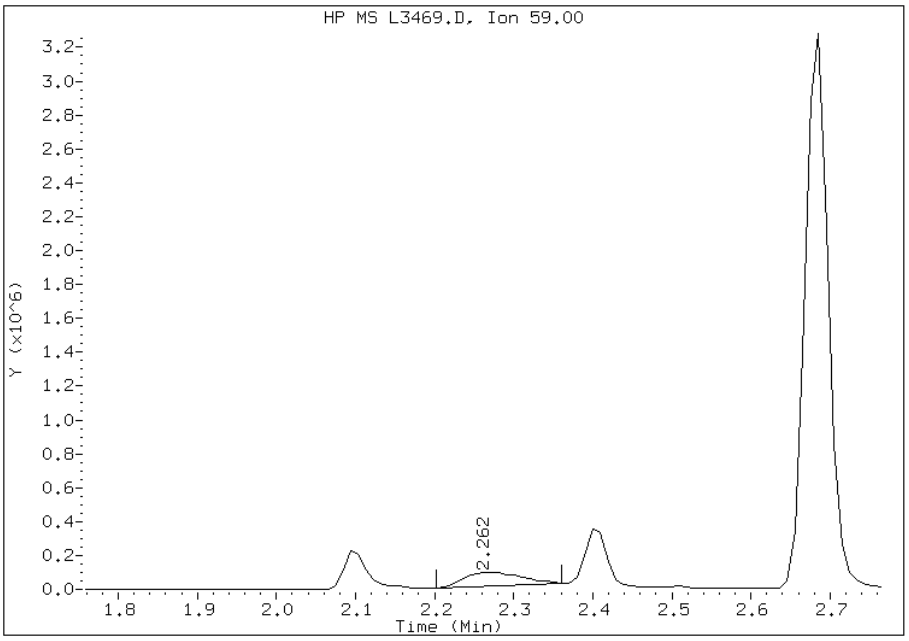
Manual Integration Results

RT: 2.26

Response: 395791

Amount: 516

Conc: 516



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L3470.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 19-MAR-2009 15:36 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;100
Misc Info : : ;;;; ;8260; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L8260BNW.m
Meth Date : 20-Mar-2009 09:25 barbara Quant Type: ISTD
Cal Date : 19-MAR-2009 15:36 Cal File: L3470.D
Als bottle: 2 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.361	4.361	(1.000)	840633	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.231)	554722	100.000	94
3	Chloromethane	50	1.108	1.108	(0.254)	723154	100.000	98
4	Vinyl Chloride	62	1.137	1.137	(0.261)	692623	100.000	100
5	Bromomethane	94	1.295	1.295	(0.297)	437455	100.000	100
6	Chloroethane	64	1.354	1.354	(0.311)	469466	100.000	97
7	Trichlorofluoromethane	101	1.423	1.423	(0.326)	1168116	100.000	97
8	Dichlorofluoromethane	67	1.443	1.443	(0.331)	1650182	100.000	98
9	Ethyl Ether	45	1.561	1.561	(0.358)	468495	100.000	91
10	Ethanol	45	1.610	1.610	(0.369)	362858	1000.00	970
11	Freon 141	81	1.620	1.620	(0.372)	1364842	100.000	100
12	Freon 123	67	1.679	1.679	(0.385)	221154	100.000	99
13	Trichlorotrifluoroethane	101	1.689	1.689	(0.387)	616087	100.000	97
14	1,1-Dichloroethene	96	1.670	1.670	(0.383)	593063	100.000	99
15	Carbon Disulfide	76	1.699	1.699	(0.390)	2418078	100.000	100
16	Iodomethane	142	1.758	1.758	(0.403)	1037405	100.000	100
17	Acrolein	56	1.867	1.867	(0.428)	563670	500.000	500
18	2-Propanol	45	1.788	1.788	(0.410)	37396	100.000	27(M)
19	3-Chloro-1-Propene	41	1.926	1.926	(0.442)	1364972	100.000	100
20	Methylene Chloride	84	1.995	1.995	(0.458)	958271	100.000	100
21	Acetone	43	2.054	2.054	(0.471)	259122	100.000	100
22	trans-1,2-Dichloroethene	96	2.093	2.093	(0.480)	873538	100.000	100
23	Methyl Acetate	43	2.103	2.103	(0.482)	2453880	100.000	95

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.153	2.153	(0.494)	3076547	100.000	100
	25 tert-Butyl alcohol	59	2.271	2.271	(0.521)	406416	500.000	490(H)
	26 Acetonitrile	41	2.399	2.399	(0.550)	1494831	1000.00	980
	27 Isopropyl ether	45	2.399	2.399	(0.550)	3506530	100.000	100
	28 tert-Butyl ethyl ether	59	2.685	2.685	(0.616)	3710852	100.000	100
	29 2-Chloro-1,3-Butadiene	88	2.488	2.488	(0.571)	649520	100.000	100
	30 Acrylonitrile	53	2.567	2.567	(0.589)	650171	200.000	190
	31 1,1-Dichloroethane	63	2.508	2.508	(0.575)	1783845	100.000	100
	32 Vinyl Acetate	43	2.695	2.695	(0.618)	3029255	100.000	100
	33 cis-1,2-Dichloroethene	96	2.941	2.941	(0.674)	1018183	100.000	100
	34 2,2-Dichloropropane	77	3.040	3.040	(0.697)	1571770	100.000	100
	35 Bromochloromethane	128	3.129	3.129	(0.717)	562444	100.000	100
	36 1-Bromopropane	43	3.119	3.119	(0.715)	1290592	100.000	97
	37 Cyclohexane	84	3.129	3.129	(0.717)	771249	100.000	100
	38 Chloroform	83	3.198	3.198	(0.733)	1975420	100.000	99
	39 Ethyl Acetate	43	3.336	3.336	(0.765)	962685	200.000	190
	40 Methyl Acrylate	55	3.346	3.346	(0.767)	953953	100.000	97
$	41 Dibromofluoromethane	111	3.385	3.385	(0.776)	698745	100.000	100
	42 Tetrahydrofuran	42	3.375	3.375	(0.774)	644439	200.000	190
	43 Carbon Tetrachloride	117	3.336	3.336	(0.765)	1164982	100.000	93
	44 1,1,1-Trichloroethane	97	3.405	3.405	(0.781)	1507636	100.000	100
	45 2-Butanone	43	3.543	3.543	(0.812)	376377	100.000	93
	46 1,1-Dichloropropene	75	3.543	3.543	(0.812)	1343746	100.000	97
	47 tert-Amyl methyl ether	73	3.996	3.996	(0.916)	2968376	100.000	100
	49 1-Chlorobutane	56	3.602	3.602	(0.826)	1892165	100.000	100
	50 Heptane	43	3.799	3.799	(0.871)	899221	100.000	110
	51 Propionitrile	54	3.907	3.907	(0.896)	1164178	1000.00	960
	52 Benzene	78	3.829	3.829	(0.878)	3265028	100.000	100
	53 2-Methyl-2-Propenenitrile	41	3.907	3.907	(0.896)	698159	100.000	95
	54 Isobutyl alcohol	42	3.986	3.986	(0.914)	129923	1000.00	1000
$	55 1,2-Dichloroethane-d4	65	4.006	4.006	(0.919)	881486	100.000	98
	56 1,2-Dichloroethane	62	4.095	4.095	(0.939)	1792153	100.000	100
	59 Methyl Cyclohexane	83	4.538	4.538	(1.041)	777585	100.000	110
	60 Trichloroethene	130	4.558	4.558	(1.045)	863754	100.000	100
	61 Isopropyl Acetate	43	4.460	4.460	(1.023)	3064052	200.000	200
	62 N-Butanol	56	5.091	5.091	(1.167)	183262	1000.00	1000(M)
	63 Dibromomethane	93	5.041	5.041	(1.156)	762408	100.000	100
	64 1,2-Dichloropropane	63	5.160	5.160	(1.183)	950181	100.000	100
	65 Bromodichloromethane	83	5.248	5.248	(1.203)	1565785	100.000	100
	66 Methyl Methacrylate	69	5.465	5.465	(1.253)	740476	100.000	100
	67 1,4-Dioxane	58	5.633	5.633	(1.292)	50531	1000.00	1000(M)
	68 N-Propyl Acetate	43	5.633	5.633	(1.292)	1226923	200.000	200(H)
	69 2-Chloroethylvinylether	63	5.899	5.899	(1.353)	594626	100.000	100
	70 cis-1,3-Dichloropropene	75	5.928	5.928	(1.359)	1740281	100.000	100
	71 Chloroacetonitrile	48	6.352	6.352	(1.457)	298945	1000.00	1000
	72 2-Nitropropane	41	6.402	6.402	(1.468)	687387	200.000	200
	73 trans-1,3-Dichloropropene	75	6.589	6.589	(1.511)	1796753	100.000	100
	74 1,1,2-Trichloroethane	97	6.737	6.737	(1.545)	861246	100.000	100
*	75 Chlorobenzene-d5	117	7.575	7.575	(1.000)	683935	25.0000	
	76 Toluene	91	6.165	6.165	(0.814)	3314269	100.000	100
$	77 Toluene-d8	98	6.106	6.106	(0.806)	1759023	100.000	100
	78 1,1-Dichloro-2-propanone	43	6.412	6.412	(0.846)	2943865	500.000	500
	79 4-Methyl-2-Pentanone	43	6.569	6.569	(0.867)	1060474	100.000	96
	80 Tetrachloroethene	164	6.530	6.530	(0.862)	537557	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	6.786	6.786	(0.896)	1421601	100.000	100
82	Dibromochloromethane	129	6.895	6.895	(0.910)	1220615	100.000	100
83	1,3-Dichloropropane	76	6.983	6.983	(0.922)	1668125	100.000	98
84	1,2-Dibromoethane	107	7.092	7.092	(0.936)	1079977	100.000	100
85	n-Butyl Acetate	56	7.299	7.299	(0.964)	632541	100.000	100
86	2-Hexanone	43	7.368	7.368	(0.973)	725166	100.000	97
87	1-Chlorohexane	91	7.604	7.604	(1.004)	828386	100.000	90(M)
88	Chlorobenzene	112	7.595	7.595	(1.003)	2162344	100.000	100
89	1,1,1,2-Tetrachloroethane	131	7.664	7.664	(1.012)	876027	100.000	100
90	Ethylbenzene	106	7.634	7.634	(1.008)	952293	100.000	100
91	Xylene (total)mp	106	7.772	7.772	(1.026)	2291268	200.000	200
92	Xylene (total)o	106	8.157	8.157	(1.077)	1172525	100.000	100
93	Styrene	104	8.206	8.206	(1.083)	2119033	100.000	100
94	Bromoform	173	8.206	8.206	(1.083)	741774	100.000	100
* 95	1,4-Dichlorobenzene-d4	152	9.645	9.645	(1.000)	274829	25.0000	
96	Isopropylbenzene	105	8.442	8.442	(0.875)	2524131	100.000	100
97	Bromobenzene	156	8.748	8.748	(0.907)	896088	100.000	100
98	1,1,2,2-Tetrachloroethane	83	8.876	8.876	(0.920)	1139071	100.000	99
99	4-Ethyltoluene	105	8.906	8.906	(0.923)	2474537	100.000	100
100	1,2,3-Trichloropropane	110	8.975	8.975	(0.930)	341633	100.000	98
101	trans-1,4-Dichloro-2-Butene	53	9.024	9.024	(0.936)	600625	200.000	200
102	n-Propylbenzene	91	8.807	8.807	(0.913)	3068618	100.000	100
103	2-Chlorotoluene	91	8.926	8.926	(0.925)	2461235	100.000	99
104	4-Chlorotoluene	91	9.073	9.073	(0.941)	2340370	100.000	97
105	1,3,5-Trimethylbenzene	105	8.985	8.985	(0.932)	2049138	100.000	100
106	tert-Butylbenzene	119	9.261	9.261	(0.960)	1559807	100.000	99
107	1,2,4-Trimethylbenzene	105	9.320	9.320	(0.966)	2120153	100.000	100
108	sec-Butylbenzene	105	9.409	9.409	(0.975)	2347001	100.000	100
109	4-Isopropyltoluene	119	9.547	9.547	(0.990)	1946386	100.000	100
110	1,3-Dichlorobenzene	146	9.576	9.576	(0.993)	1297163	100.000	100
111	1,4-Dichlorobenzene	146	9.655	9.655	(1.001)	1319320	100.000	98
112	1,2-Dichlorobenzene	146	10.020	10.020	(1.039)	1222981	100.000	96
113	Benzyl Chloride	126	9.882	9.882	(1.025)	371944	100.000	100
114	1,4-Diethylbenzene	119	9.862	9.862	(2.261)	1056258	100.000	100
115	n-Butylbenzene	91	9.911	9.911	(1.028)	1919109	100.000	87
118	1,2,4,5-Tetramethylbenzene	119	10.562	10.562	(2.422)	1733096	100.000	96
119	1,2-Dibromo-3-chloropropane	75	10.720	10.720	(1.111)	209392	100.000	92
120	Nitrobenzene	77	11.213	11.213	(1.163)	655812	1000.00	1000
121	1,2,4-Trichlorobenzene	180	11.311	11.311	(1.173)	641644	100.000	92
122	Hexachlorobutadiene	225	11.301	11.301	(1.172)	248657	100.000	100
123	Naphthalene	128	11.597	11.597	(1.202)	1694849	100.000	94
124	1,2,3-Trichlorobenzene	180	11.755	11.755	(1.219)	597590	100.000	93
$ 125	Bromofluorobenzene	95	8.669	8.669	(0.899)	703052	100.000	99
M 126	1,2-Dichloroethene (total)	100				1891721	200.000	200
M 127	Xylene (total)	100				3463793	300.000	310

QC Flag Legend

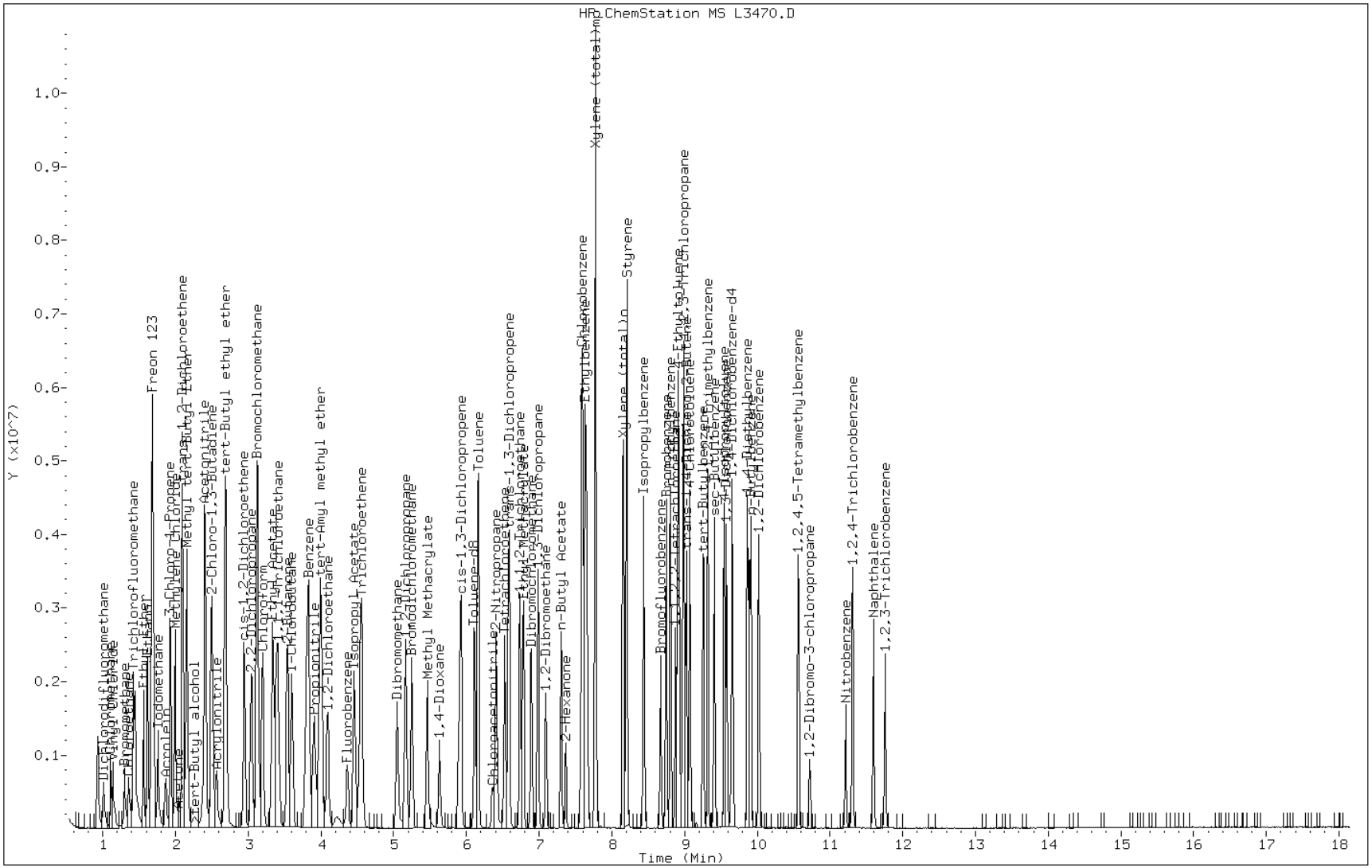
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L3470.D

Date: 19-MAR-2009 15:36

Client ID: IC;100 Instrument: msl.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: L3470.D
Inj. Date and Time: 19-MAR-2009 15:36
Instrument ID: msl.i
Client ID: IC;100
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/20/2009

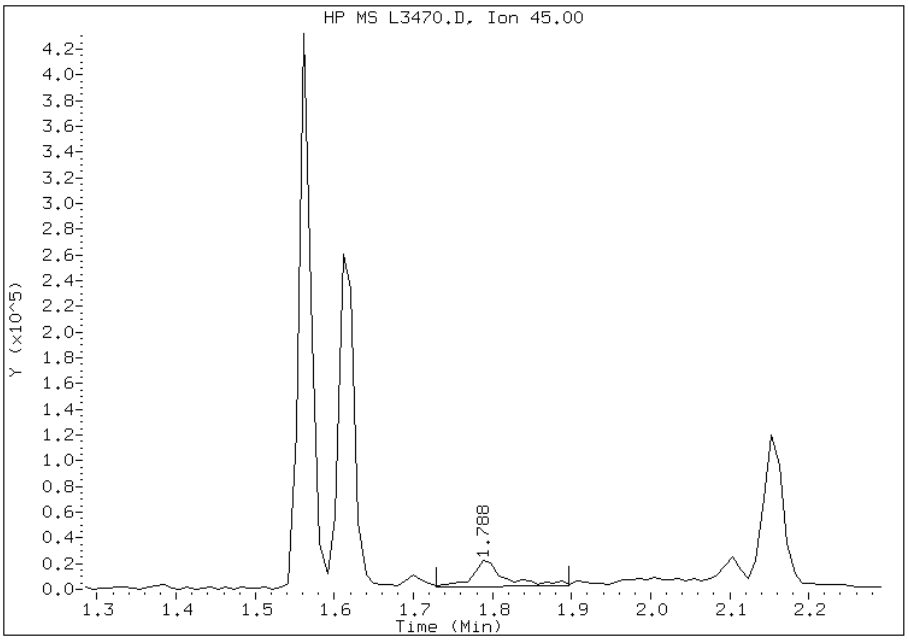
Processing Integration Results

RT: 1.79

Response: 58456

Amount: 131

Conc: 131



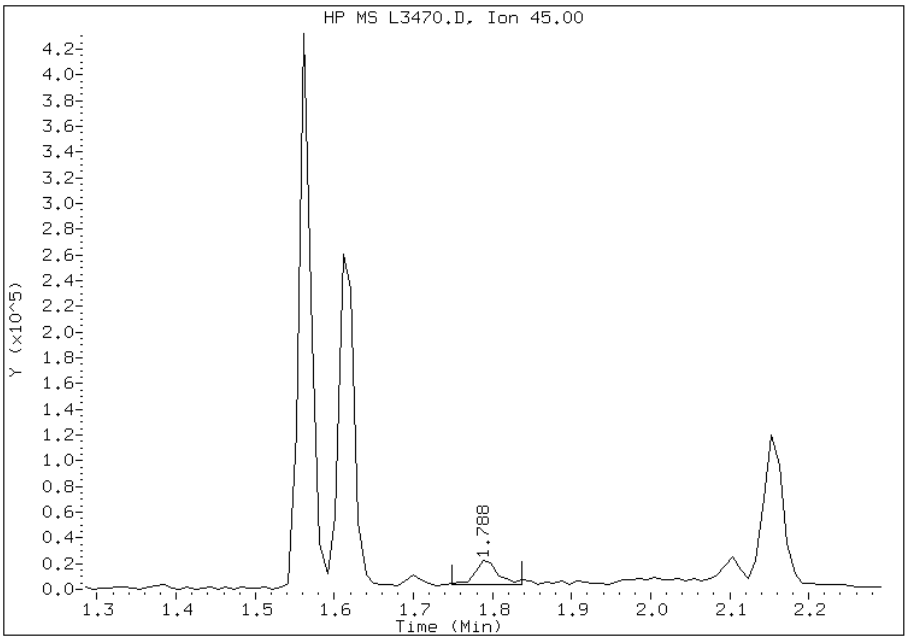
Manual Integration Results

RT: 1.79

Response: 37396

Amount: 27

Conc: 27



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

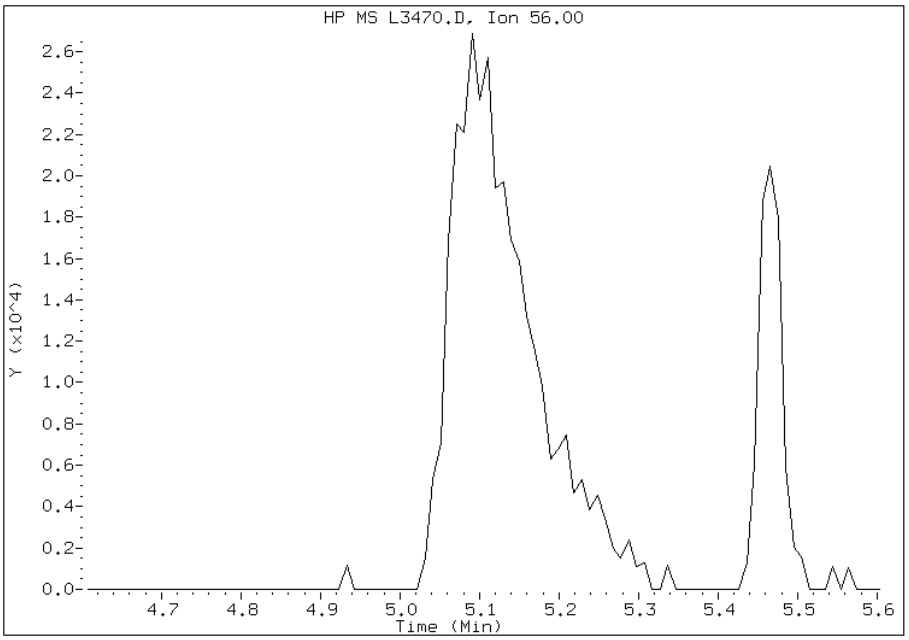
Manual Integration Report

Data File: L3470.D
Inj. Date and Time: 19-MAR-2009 15:36
Instrument ID: msl.i
Client ID: IC;100
Compound: 62 N-Butanol
CAS #: 71-36-3
Report Date: 03/20/2009

Processing Integration Results

Not Detected

Expected RT: 5.10



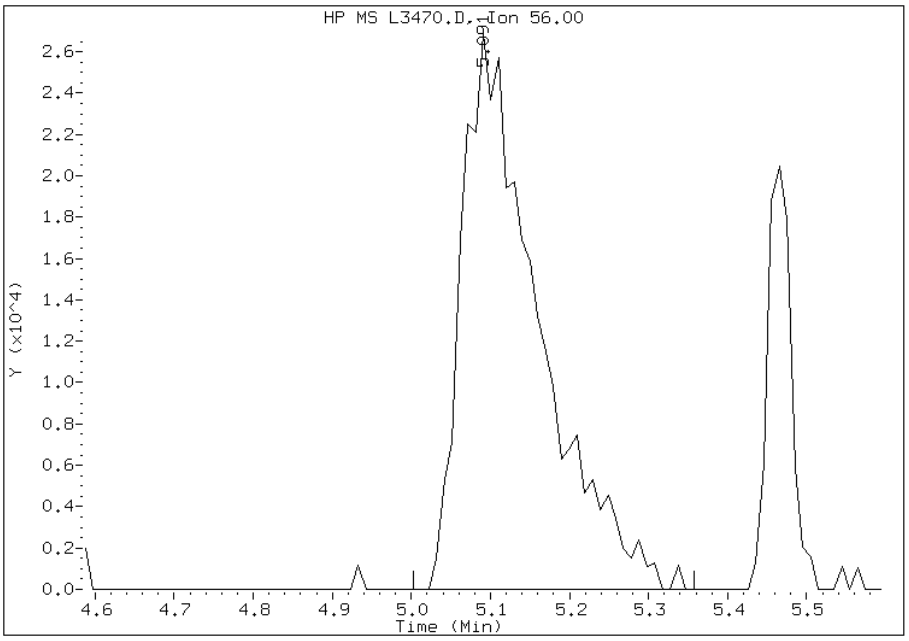
Manual Integration Results

RT: 5.09

Response: 183262

Amount: 1021

Conc: 1021



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3470.D
Inj. Date and Time: 19-MAR-2009 15:36
Instrument ID: msl.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/20/2009

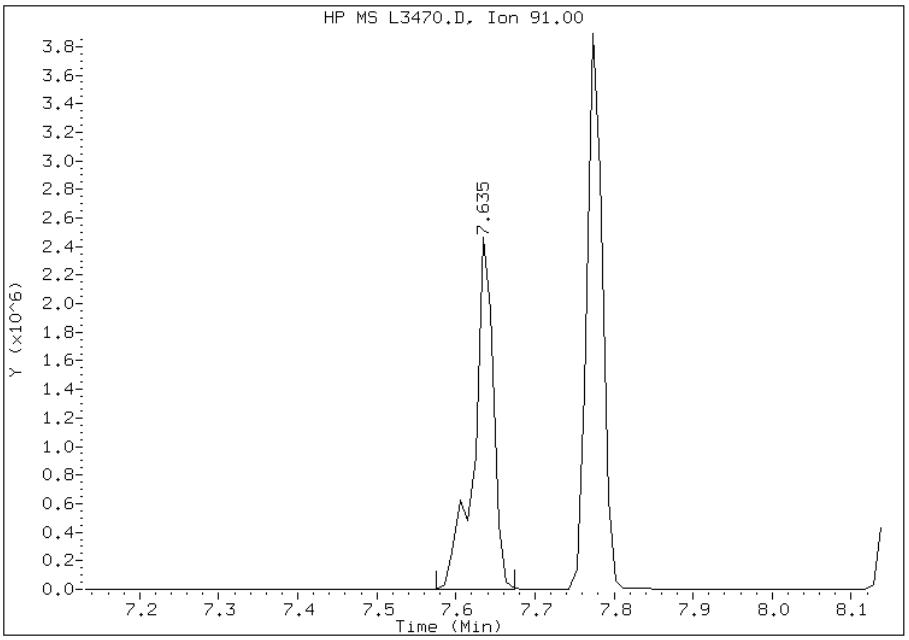
Processing Integration Results

RT: 7.63

Response: 4291042

Amount: 143

Conc: 143



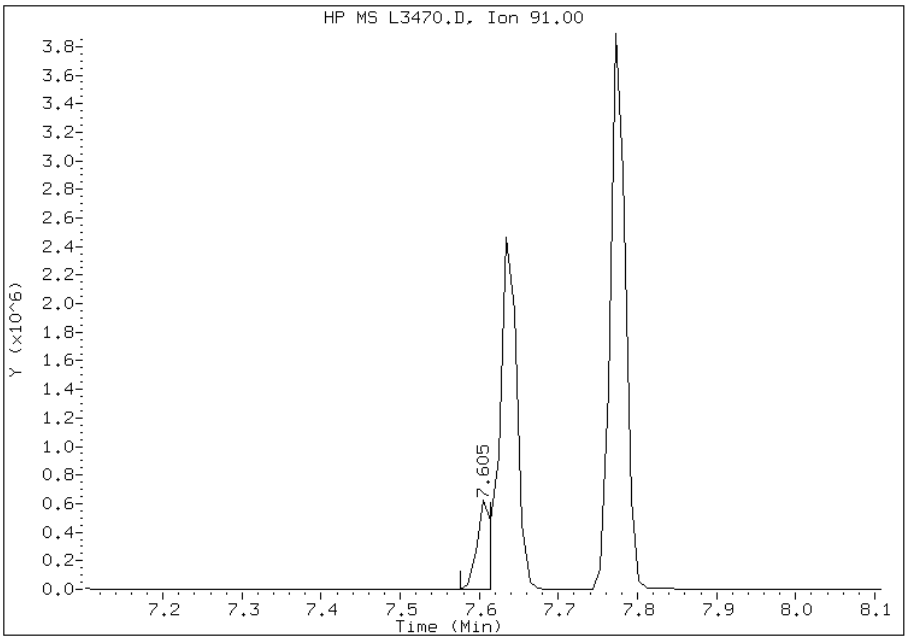
Manual Integration Results

RT: 7.60

Response: 828386

Amount: 90

Conc: 90



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3470.D
Inj. Date and Time: 19-MAR-2009 15:36
Instrument ID: msl.i
Client ID: IC;100
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/20/2009

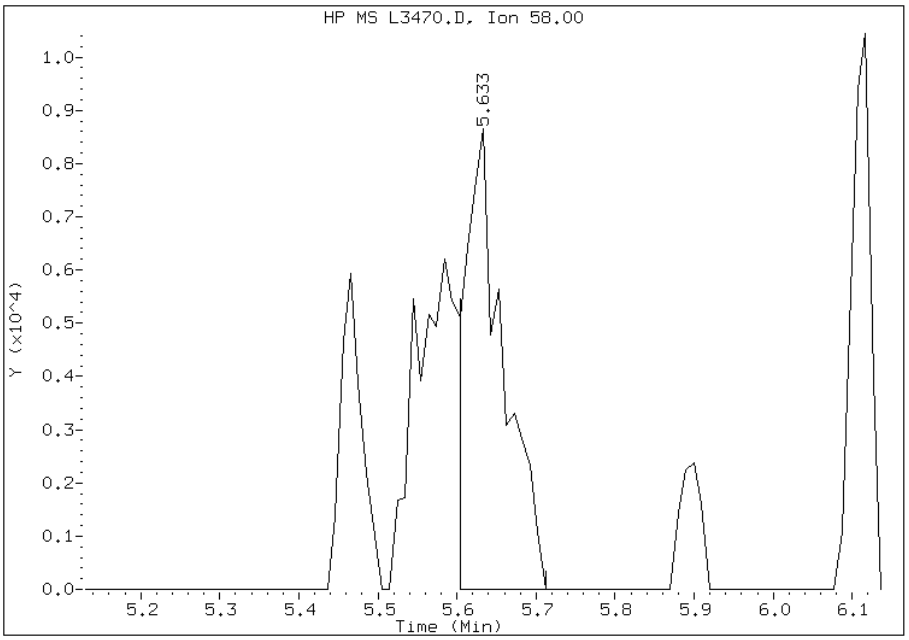
Processing Integration Results

RT: 5.63

Response: 30110

Amount: 719

Conc: 719



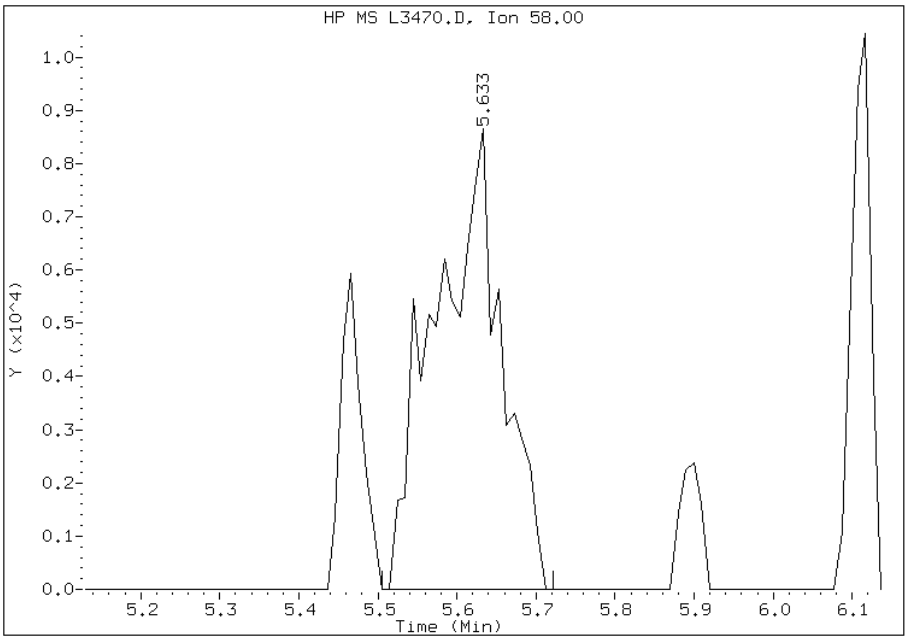
Manual Integration Results

RT: 5.63

Response: 50531

Amount: 1011

Conc: 1011



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L3471.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 19-MAR-2009 16:02 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;50
Misc Info : : ;;;; ;8260; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L8260BNW.m
Meth Date : 20-Mar-2009 09:25 barbara Quant Type: ISTD
Cal Date : 19-MAR-2009 16:02 Cal File: L3471.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.354	4.354	(1.000)	812949	25.0000	
2	Dichlorodifluoromethane	85	1.002	1.002	(0.230)	324507	50.0000	58
3	Chloromethane	50	1.110	1.110	(0.255)	406261	50.0000	57
4	Vinyl Chloride	62	1.140	1.140	(0.262)	379617	50.0000	58
5	Bromomethane	94	1.298	1.298	(0.298)	217876	50.0000	53
6	Chloroethane	64	1.357	1.357	(0.312)	264400	50.0000	56
7	Trichlorofluoromethane	101	1.416	1.416	(0.325)	643227	50.0000	56
8	Dichlorofluoromethane	67	1.436	1.436	(0.330)	901534	50.0000	55
9	Ethyl Ether	45	1.564	1.564	(0.359)	245064	50.0000	49
10	Ethanol	45	1.613	1.613	(0.371)	197938	500.000	550
11	Freon 141	81	1.613	1.613	(0.371)	727005	50.0000	57
12	Freon 123	67	1.682	1.682	(0.386)	121867	50.0000	57
13	Trichlorotrifluoroethane	101	1.682	1.682	(0.386)	337437	50.0000	55
14	1,1-Dichloroethene	96	1.672	1.672	(0.384)	328638	50.0000	57
15	Carbon Disulfide	76	1.702	1.702	(0.391)	1316942	50.0000	58
16	Iodomethane	142	1.761	1.761	(0.405)	535820	50.0000	55
17	Acrolein	56	1.860	1.860	(0.427)	315711	250.000	290
18	2-Propanol	45	1.791	1.791	(0.411)	16444	50.0000	14(M)
19	3-Chloro-1-Propene	41	1.929	1.929	(0.443)	723051	50.0000	56
20	Methylene Chloride	84	1.988	1.988	(0.457)	512045	50.0000	54
21	Acetone	43	2.047	2.047	(0.470)	114185	50.0000	46
22	trans-1,2-Dichloroethene	96	2.086	2.086	(0.479)	464379	50.0000	57
23	Methyl Acetate	43	2.096	2.096	(0.482)	1382821	50.0000	55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.155	2.155	(0.495)	1552445	50.0000	54
	25 tert-Butyl alcohol	59	2.284	2.284	(0.525)	202954	250.000	250(H)
	26 Acetonitrile	41	2.402	2.402	(0.552)	841240	500.000	570
	27 Isopropyl ether	45	2.402	2.402	(0.552)	1846736	50.0000	56
	28 tert-Butyl ethyl ether	59	2.678	2.678	(0.615)	1883977	50.0000	53
	29 2-Chloro-1,3-Butadiene	88	2.491	2.491	(0.572)	350076	50.0000	56
	30 Acrylonitrile	53	2.560	2.560	(0.588)	363888	100.000	110
	31 1,1-Dichloroethane	63	2.510	2.510	(0.577)	970399	50.0000	57
	32 Vinyl Acetate	43	2.698	2.698	(0.620)	1515797	50.0000	53
	33 cis-1,2-Dichloroethene	96	2.944	2.944	(0.676)	529835	50.0000	54
	34 2,2-Dichloropropane	77	3.043	3.043	(0.699)	808769	50.0000	55
	35 Bromochloromethane	128	3.122	3.122	(0.717)	281102	50.0000	52
	36 1-Bromopropane	43	3.112	3.112	(0.715)	699014	50.0000	54
	37 Cyclohexane	84	3.122	3.122	(0.717)	413453	50.0000	59
	38 Chloroform	83	3.191	3.191	(0.733)	1019814	50.0000	53
	39 Ethyl Acetate	43	3.329	3.329	(0.765)	518743	100.000	100
	40 Methyl Acrylate	55	3.338	3.338	(0.767)	500352	50.0000	53
$	41 Dibromofluoromethane	111	3.378	3.378	(0.776)	356183	50.0000	54
	42 Tetrahydrofuran	42	3.378	3.378	(0.776)	361240	100.000	110
	43 Carbon Tetrachloride	117	3.329	3.329	(0.765)	623460	50.0000	53
	44 1,1,1-Trichloroethane	97	3.407	3.407	(0.783)	799152	50.0000	56
	45 2-Butanone	43	3.545	3.545	(0.814)	175450	50.0000	45
	46 1,1-Dichloropropene	75	3.536	3.536	(0.812)	706321	50.0000	54
	47 tert-Amyl methyl ether	73	3.989	3.989	(0.916)	1496841	50.0000	52
	49 1-Chlorobutane	56	3.595	3.595	(0.826)	972744	50.0000	56
	50 Heptane	43	3.792	3.792	(0.871)	477281	50.0000	44
	51 Propionitrile	54	3.900	3.900	(0.896)	634981	500.000	540
	52 Benzene	78	3.822	3.822	(0.878)	1740749	50.0000	56
	53 2-Methyl-2-Propenenitrile	41	3.900	3.900	(0.896)	344271	50.0000	48
	54 Isobutyl alcohol	42	3.979	3.979	(0.914)	70406	500.000	560
$	55 1,2-Dichloroethane-d4	65	3.999	3.999	(0.918)	444362	50.0000	51
	56 1,2-Dichloroethane	62	4.088	4.088	(0.939)	877259	50.0000	52
	59 Methyl Cyclohexane	83	4.531	4.531	(1.041)	393201	50.0000	57
	60 Trichloroethene	130	4.561	4.561	(1.048)	456459	50.0000	56
	61 Isopropyl Acetate	43	4.452	4.452	(1.023)	1590687	100.000	100
	62 N-Butanol	56	5.093	5.093	(1.170)	108987	500.000	490
	63 Dibromomethane	93	5.044	5.044	(1.158)	387930	50.0000	53
	64 1,2-Dichloropropane	63	5.162	5.162	(1.186)	499344	50.0000	54
	65 Bromodichloromethane	83	5.241	5.241	(1.204)	773358	50.0000	52
	66 Methyl Methacrylate	69	5.458	5.458	(1.254)	378145	50.0000	54
	67 1,4-Dioxane	58	5.626	5.626	(1.292)	34040	500.000	520(M)
	68 N-Propyl Acetate	43	5.626	5.626	(1.292)	629357	100.000	100(H)
	69 2-Chloroethylvinylether	63	5.892	5.892	(1.353)	291574	50.0000	51
	70 cis-1,3-Dichloropropene	75	5.921	5.921	(1.360)	873497	50.0000	52
	71 Chloroacetonitrile	48	6.355	6.355	(1.460)	164345	500.000	570
	72 2-Nitropropane	41	6.404	6.404	(1.471)	346419	100.000	100
	73 trans-1,3-Dichloropropene	75	6.582	6.582	(1.512)	901975	50.0000	53
	74 1,1,2-Trichloroethane	97	6.730	6.730	(1.546)	444650	50.0000	54
*	75 Chlorobenzene-d5	117	7.578	7.578	(1.000)	645942	25.0000	
	76 Toluene	91	6.158	6.158	(0.813)	1703847	50.0000	55
$	77 Toluene-d8	98	6.109	6.109	(0.806)	893829	50.0000	54
	78 1,1-Dichloro-2-propanone	43	6.404	6.404	(0.845)	1531457	250.000	280
	79 4-Methyl-2-Pentanone	43	6.572	6.572	(0.867)	545832	50.0000	52
	80 Tetrachloroethene	164	6.523	6.523	(0.861)	280426	50.0000	57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	6.779	6.779	(0.895)	726337	50.0000	54
82	Dibromochloromethane	129	6.888	6.888	(0.909)	593733	50.0000	54
83	1,3-Dichloropropane	76	6.986	6.986	(0.922)	841454	50.0000	52
84	1,2-Dibromoethane	107	7.085	7.085	(0.935)	548724	50.0000	55
85	n-Butyl Acetate	56	7.597	7.597	(1.003)	228012	50.0000	40(H)
86	2-Hexanone	43	7.361	7.361	(0.971)	386882	50.0000	55
87	1-Chlorohexane	91	7.607	7.607	(1.004)	550297	50.0000	62
88	Chlorobenzene	112	7.588	7.588	(1.001)	1113110	50.0000	54
89	1,1,1,2-Tetrachloroethane	131	7.657	7.657	(1.010)	453066	50.0000	55
90	Ethylbenzene	106	7.637	7.637	(1.008)	484628	50.0000	55
91	Xylene (total)mp	106	7.775	7.775	(1.026)	1207762	100.000	110
92	Xylene (total)o	106	8.149	8.149	(1.075)	593626	50.0000	55
93	Styrene	104	8.199	8.199	(1.082)	1067157	50.0000	54
94	Bromoform	173	8.199	8.199	(1.082)	369065	50.0000	55
* 95	1,4-Dichlorobenzene-d4	152	9.648	9.648	(1.000)	260481	25.0000	
96	Isopropylbenzene	105	8.435	8.435	(0.874)	1248089	50.0000	54
97	Bromobenzene	156	8.751	8.751	(0.907)	460288	50.0000	54
98	1,1,2,2-Tetrachloroethane	83	8.869	8.869	(0.919)	573205	50.0000	52
99	4-Ethyltoluene	105	8.899	8.899	(0.922)	1233754	50.0000	54
100	1,2,3-Trichloropropane	110	8.978	8.978	(0.931)	171914	50.0000	52
101	trans-1,4-Dichloro-2-Butene	53	9.027	9.027	(0.936)	306551	100.000	110
102	n-Propylbenzene	91	8.800	8.800	(0.912)	1571401	50.0000	55
103	2-Chlorotoluene	91	8.918	8.918	(0.924)	1249898	50.0000	53
104	4-Chlorotoluene	91	9.066	9.066	(0.940)	1210841	50.0000	53
105	1,3,5-Trimethylbenzene	105	8.987	8.987	(0.932)	1044920	50.0000	54
106	tert-Butylbenzene	119	9.254	9.254	(0.959)	831659	50.0000	56
107	1,2,4-Trimethylbenzene	105	9.313	9.313	(0.965)	1069954	50.0000	53
108	sec-Butylbenzene	105	9.411	9.411	(0.975)	1229814	50.0000	55
109	4-Isopropyltoluene	119	9.540	9.540	(0.989)	1016601	50.0000	56
110	1,3-Dichlorobenzene	146	9.579	9.579	(0.993)	646275	50.0000	53
111	1,4-Dichlorobenzene	146	9.658	9.658	(1.001)	663904	50.0000	52
112	1,2-Dichlorobenzene	146	10.013	10.013	(1.038)	640658	50.0000	53
113	Benzyl Chloride	126	9.885	9.885	(1.025)	189532	50.0000	56
114	1,4-Diethylbenzene	119	9.865	9.865	(2.266)	539984	50.0000	54
115	n-Butylbenzene	91	9.904	9.904	(1.027)	1198605	50.0000	57
118	1,2,4,5-Tetramethylbenzene	119	10.565	10.565	(2.426)	913857	50.0000	52
119	1,2-Dibromo-3-chloropropane	75	10.723	10.723	(1.111)	113011	50.0000	52
120	Nitrobenzene	77	11.216	11.216	(1.162)	337676	500.000	560
121	1,2,4-Trichlorobenzene	180	11.314	11.314	(1.173)	346116	50.0000	52
122	Hexachlorobutadiene	225	11.304	11.304	(1.172)	144737	50.0000	56
123	Naphthalene	128	11.600	11.600	(1.202)	880507	50.0000	52
124	1,2,3-Trichlorobenzene	180	11.758	11.758	(1.219)	318255	50.0000	52
$ 125	Bromofluorobenzene	95	8.672	8.672	(0.899)	353531	50.0000	53
M 126	1,2-Dichloroethene (total)	100				994214	100.000	110
M 127	Xylene (total)	100				1801388	150.000	170

QC Flag Legend

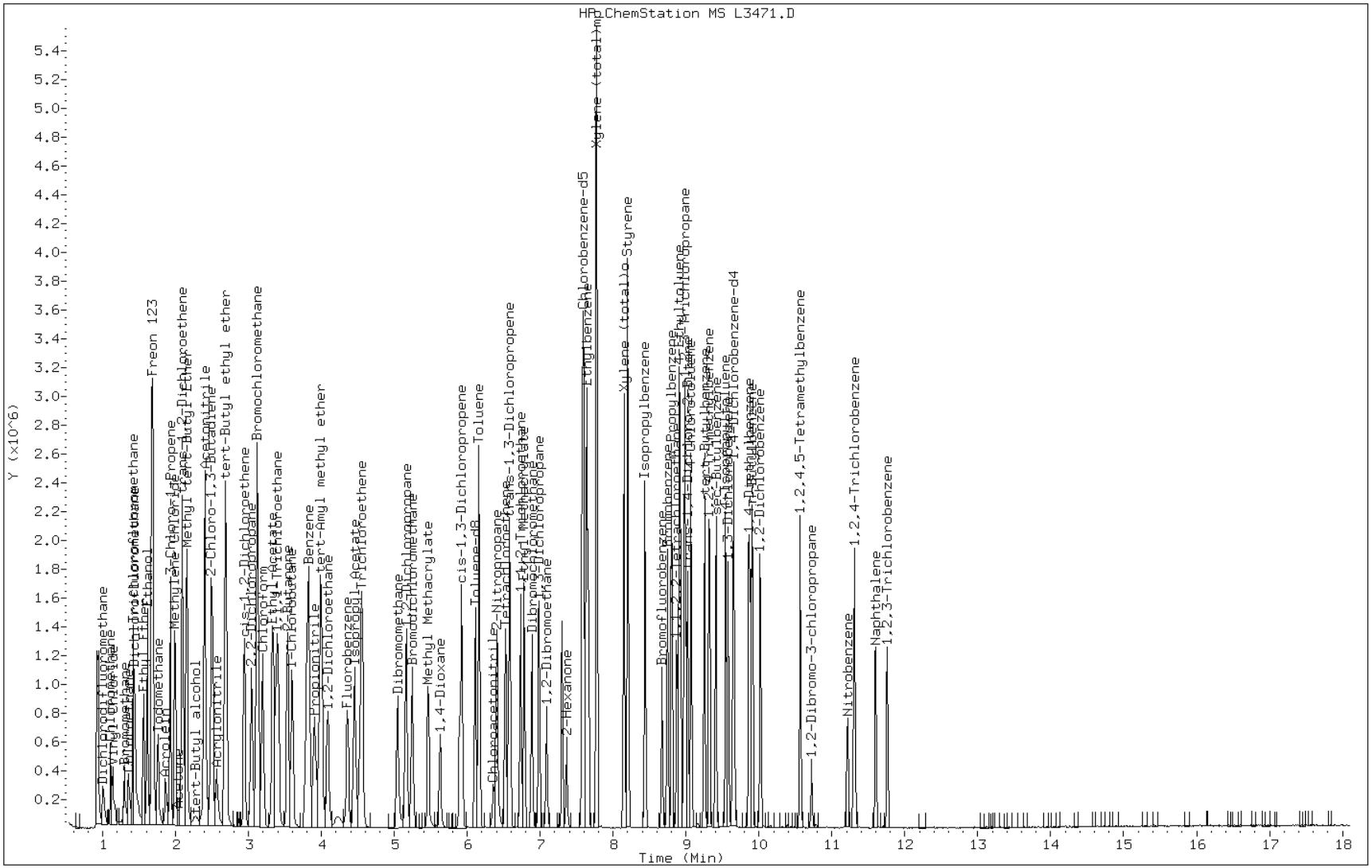
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L3471.D

Date: 19-MAR-2009 16:02

Client ID: IC;50 Instrument: msl.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: L3471.D
Inj. Date and Time: 19-MAR-2009 16:02
Instrument ID: msl.i
Client ID: IC;50
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/20/2009

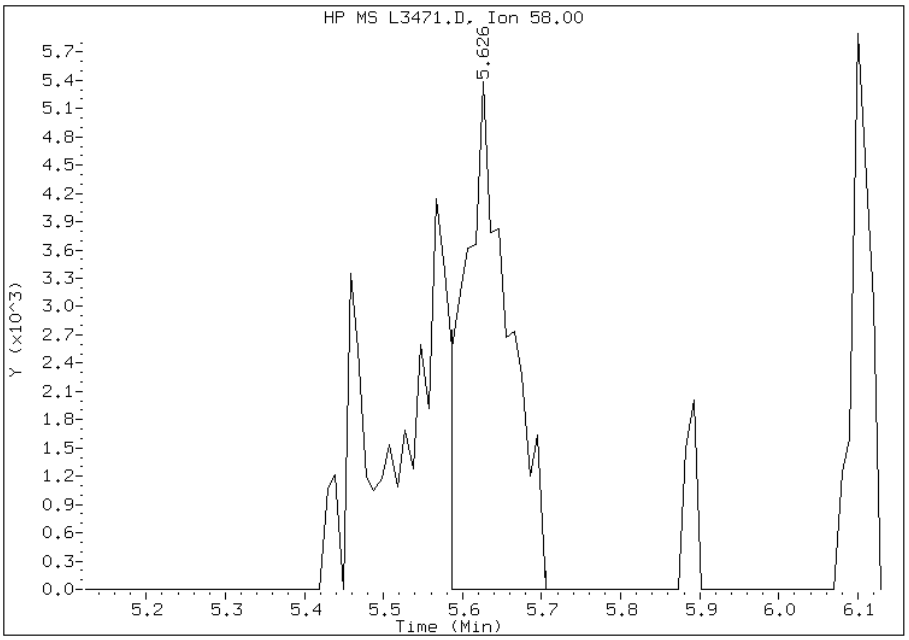
Processing Integration Results

RT: 5.63

Response: 21592

Amount: 540

Conc: 540



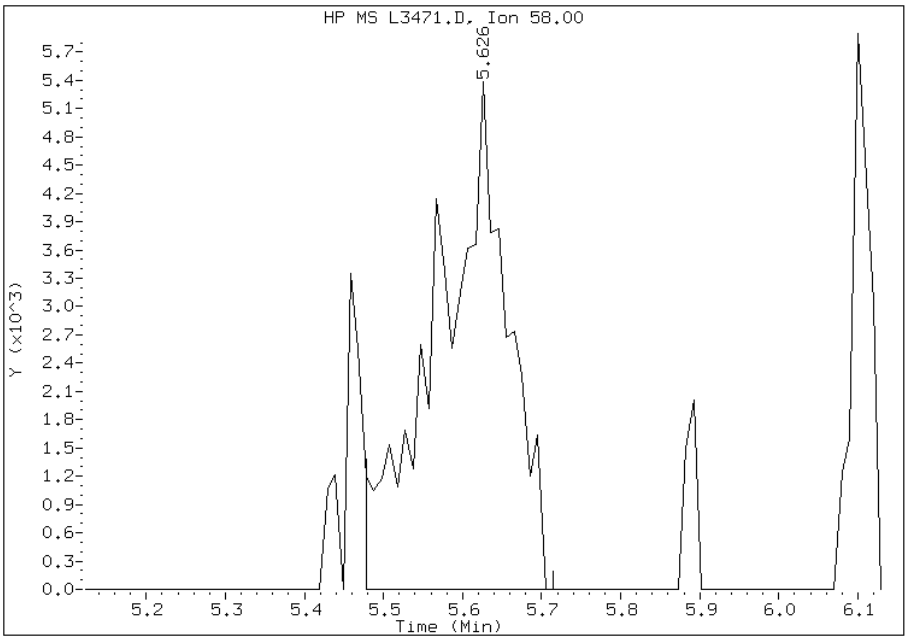
Manual Integration Results

RT: 5.63

Response: 34040

Amount: 525

Conc: 525



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3471.D
Inj. Date and Time: 19-MAR-2009 16:02
Instrument ID: msl.i
Client ID: IC;50
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/20/2009

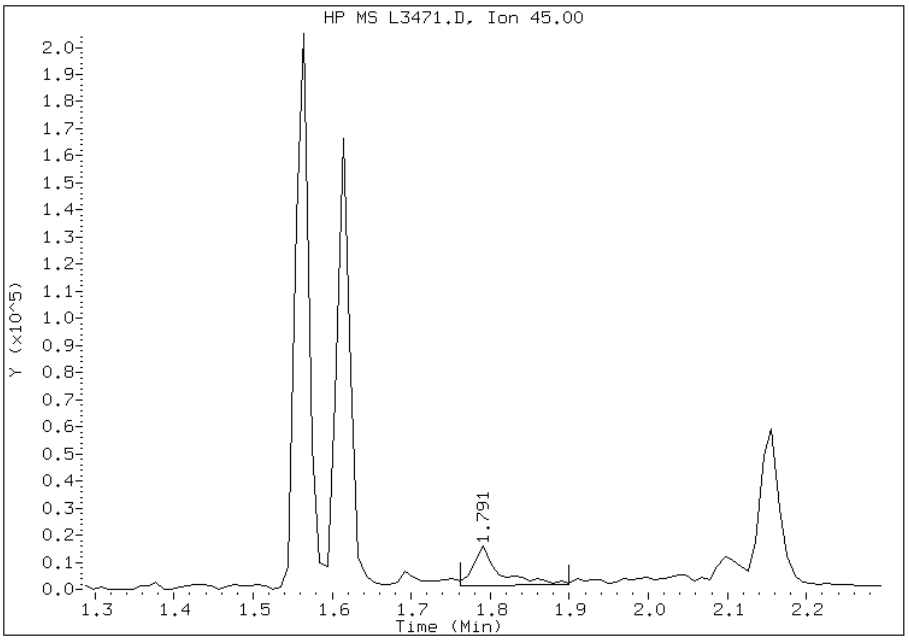
Processing Integration Results

RT: 1.79

Response: 33721

Amount: 103

Conc: 103



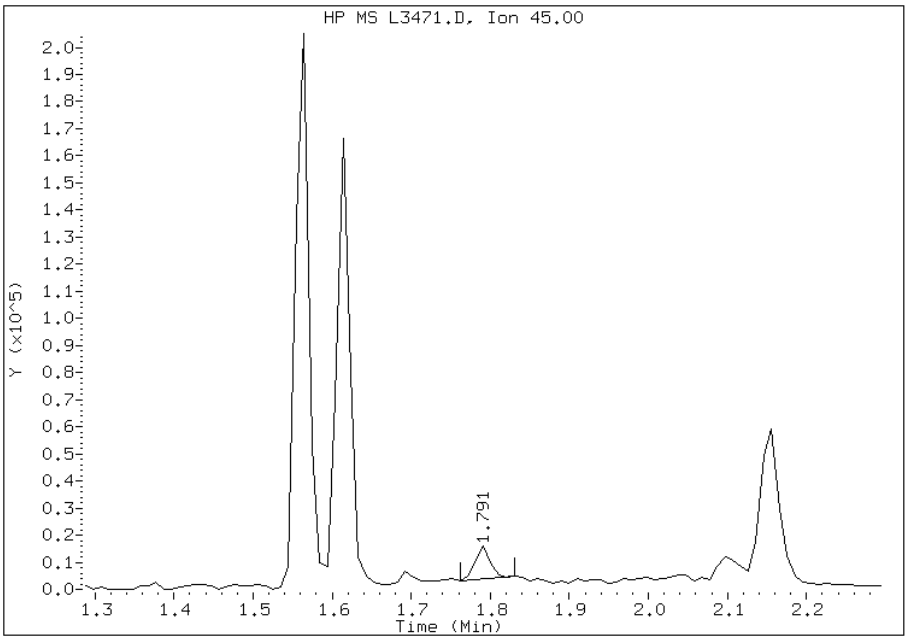
Manual Integration Results

RT: 1.79

Response: 16444

Amount: 15

Conc: 15



Manually Integrated By: barbara
Manual Integration Reason:

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L3472.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 19-MAR-2009 16:28 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;20
Misc Info : : ;;;; ;8260; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L8260BNW.m
Meth Date : 20-Mar-2009 09:25 barbara Quant Type: ISTD
Cal Date : 19-MAR-2009 16:28 Cal File: L3472.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.357	4.357	(1.000)	823434	25.0000	
2	Dichlorodifluoromethane	85	1.005	1.005	(0.231)	98822	20.0000	18
3	Chloromethane	50	1.113	1.113	(0.256)	139317	20.0000	19
4	Vinyl Chloride	62	1.133	1.133	(0.260)	132547	20.0000	20
5	Bromomethane	94	1.300	1.300	(0.299)	70376	20.0000	16
6	Chloroethane	64	1.350	1.350	(0.310)	87415	20.0000	18
7	Trichlorofluoromethane	101	1.419	1.419	(0.326)	208712	20.0000	19
8	Dichlorofluoromethane	67	1.438	1.438	(0.330)	326267	20.0000	20
9	Ethyl Ether	45	1.557	1.557	(0.357)	102749	20.0000	20
10	Ethanol	45	1.616	1.616	(0.371)	66432	200.000	190
11	Freon 141	81	1.616	1.616	(0.371)	257793	20.0000	20
12	Freon 123	67	1.675	1.675	(0.385)	40376	20.0000	18
13	Trichlorotrifluoroethane	101	1.685	1.685	(0.387)	114608	20.0000	19
14	1,1-Dichloroethene	96	1.675	1.675	(0.385)	114263	20.0000	20
15	Carbon Disulfide	76	1.695	1.695	(0.389)	463144	20.0000	20
16	Iodomethane	142	1.754	1.754	(0.403)	169854	20.0000	18
17	Acrolein	56	1.862	1.862	(0.428)	116307	100.000	110
18	2-Propanol	45	1.793	1.793	(0.412)	4860	20.0000	6(M)
19	3-Chloro-1-Propene	41	1.931	1.931	(0.443)	256141	20.0000	20
20	Methylene Chloride	84	1.990	1.990	(0.457)	203633	20.0000	19
21	Acetone	43	2.050	2.050	(0.471)	57726	20.0000	23
22	trans-1,2-Dichloroethene	96	2.089	2.089	(0.480)	165533	20.0000	20
23	Methyl Acetate	43	2.099	2.099	(0.482)	513335	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.158	2.158	(0.495)	591713	20.0000	20
	25 tert-Butyl alcohol	59	2.267	2.267	(0.520)	97262	100.000	120(H)
	26 Acetonitrile	41	2.405	2.405	(0.552)	323692	200.000	220
	27 Isopropyl ether	45	2.405	2.405	(0.552)	689347	20.0000	20
	28 tert-Butyl ethyl ether	59	2.681	2.681	(0.615)	719280	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.493	2.493	(0.572)	120238	20.0000	19
	30 Acrylonitrile	53	2.562	2.562	(0.588)	139013	40.0000	41
	31 1,1-Dichloroethane	63	2.503	2.503	(0.575)	345111	20.0000	20
	32 Vinyl Acetate	43	2.690	2.690	(0.618)	568347	20.0000	20
	33 cis-1,2-Dichloroethene	96	2.947	2.947	(0.676)	198009	20.0000	20
	34 2,2-Dichloropropane	77	3.045	3.045	(0.699)	287295	20.0000	19
	35 Bromochloromethane	128	3.124	3.124	(0.717)	110297	20.0000	20
	36 1-Bromopropane	43	3.114	3.114	(0.715)	256970	20.0000	20
	37 Cyclohexane	84	3.124	3.124	(0.717)	137587	20.0000	19
	38 Chloroform	83	3.193	3.193	(0.733)	377352	20.0000	19
	39 Ethyl Acetate	43	3.331	3.331	(0.765)	195184	40.0000	39
	40 Methyl Acrylate	55	3.341	3.341	(0.767)	192827	20.0000	20
$	41 Dibromofluoromethane	111	3.381	3.381	(0.776)	130835	20.0000	19
	42 Tetrahydrofuran	42	3.371	3.371	(0.774)	133854	40.0000	40
	43 Carbon Tetrachloride	117	3.331	3.331	(0.765)	202989	20.0000	19
	44 1,1,1-Trichloroethane	97	3.400	3.400	(0.781)	276552	20.0000	19
	45 2-Butanone	43	3.548	3.548	(0.814)	84211	20.0000	21
	46 1,1-Dichloropropene	75	3.538	3.538	(0.812)	239034	20.0000	19
	47 tert-Amyl methyl ether	73	3.992	3.992	(0.916)	577072	20.0000	20
	49 1-Chlorobutane	56	3.597	3.597	(0.826)	334507	20.0000	19
	50 Heptane	43	3.785	3.785	(0.869)	201798	20.0000	17
	51 Propionitrile	54	3.903	3.903	(0.896)	255093	200.000	220
	52 Benzene	78	3.824	3.824	(0.878)	634528	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	3.903	3.903	(0.896)	145386	20.0000	20
	54 Isobutyl alcohol	42	3.992	3.992	(0.916)	26734	200.000	210
$	55 1,2-Dichloroethane-d4	65	4.002	4.002	(0.919)	172327	20.0000	20
	56 1,2-Dichloroethane	62	4.090	4.090	(0.939)	333951	20.0000	20
	59 Methyl Cyclohexane	83	4.534	4.534	(1.041)	143388	20.0000	20
	60 Trichloroethene	130	4.554	4.554	(1.045)	154595	20.0000	19
	61 Isopropyl Acetate	43	4.455	4.455	(1.023)	610064	40.0000	40
	62 N-Butanol	56	5.116	5.116	(1.174)	36345	200.000	170(M)
	63 Dibromomethane	93	5.037	5.037	(1.156)	148175	20.0000	20
	64 1,2-Dichloropropane	63	5.155	5.155	(1.183)	184072	20.0000	20
	65 Bromodichloromethane	83	5.244	5.244	(1.204)	289876	20.0000	19
	66 Methyl Methacrylate	69	5.461	5.461	(1.253)	147670	20.0000	21
	67 1,4-Dioxane	58	5.589	5.589	(1.283)	12182	200.000	140(M)
	68 N-Propyl Acetate	43	5.628	5.628	(1.292)	238499	40.0000	39(H)
	69 2-Chloroethylvinylether	63	5.895	5.895	(1.353)	117120	20.0000	20
	70 cis-1,3-Dichloropropene	75	5.924	5.924	(1.360)	337561	20.0000	20
	71 Chloroacetonitrile	48	6.348	6.348	(1.457)	56131	200.000	190
	72 2-Nitropropane	41	6.397	6.397	(1.468)	136378	40.0000	40
	73 trans-1,3-Dichloropropene	75	6.585	6.585	(1.511)	336432	20.0000	19
	74 1,1,2-Trichloroethane	97	6.733	6.733	(1.545)	167874	20.0000	20
*	75 Chlorobenzene-d5	117	7.570	7.570	(1.000)	655773	25.0000	
	76 Toluene	91	6.161	6.161	(0.814)	624977	20.0000	20
$	77 Toluene-d8	98	6.111	6.111	(0.807)	332563	20.0000	20
	78 1,1-Dichloro-2-propanone	43	6.407	6.407	(0.846)	566817	100.000	100(M)
	79 4-Methyl-2-Pentanone	43	6.565	6.565	(0.867)	220207	20.0000	21
	80 Tetrachloroethene	164	6.525	6.525	(0.862)	95309	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	6.782	6.782	(0.896)	270165	20.0000	20
82	Dibromochloromethane	129	6.890	6.890	(0.910)	216572	20.0000	19
83	1,3-Dichloropropane	76	6.979	6.979	(0.922)	326815	20.0000	20
84	1,2-Dibromoethane	107	7.087	7.087	(0.936)	198770	20.0000	20
85	n-Butyl Acetate	56	7.294	7.294	(0.964)	126712	20.0000	22
86	2-Hexanone	43	7.363	7.363	(0.973)	151442	20.0000	21
87	1-Chlorohexane	91	7.600	7.600	(1.004)	148093	20.0000	17(M)
88	Chlorobenzene	112	7.590	7.590	(1.003)	411028	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	7.659	7.659	(1.012)	162747	20.0000	19
90	Ethylbenzene	106	7.630	7.630	(1.008)	177591	20.0000	20
91	Xylene (total)mp	106	7.768	7.768	(1.026)	425617	40.0000	40
92	Xylene (total)o	106	8.152	8.152	(1.077)	215750	20.0000	20
93	Styrene	104	8.201	8.201	(1.083)	399402	20.0000	20
94	Bromoform	173	8.201	8.201	(1.083)	139525	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	9.641	9.641	(1.000)	254626	25.0000	
96	Isopropylbenzene	105	8.438	8.438	(0.875)	449517	20.0000	20
97	Bromobenzene	156	8.744	8.744	(0.907)	167629	20.0000	20
98	1,1,2,2-Tetrachloroethane	83	8.872	8.872	(0.920)	222791	20.0000	21
99	4-Ethyltoluene	105	8.901	8.901	(0.923)	436885	20.0000	20
100	1,2,3-Trichloropropane	110	8.970	8.970	(0.930)	66075	20.0000	20
101	trans-1,4-Dichloro-2-Butene	53	9.020	9.020	(0.936)	108109	40.0000	40
102	n-Propylbenzene	91	8.803	8.803	(0.913)	554961	20.0000	20
103	2-Chlorotoluene	91	8.921	8.921	(0.925)	476676	20.0000	21
104	4-Chlorotoluene	91	9.069	9.069	(0.941)	459619	20.0000	20
105	1,3,5-Trimethylbenzene	105	8.980	8.980	(0.931)	374530	20.0000	20
106	tert-Butylbenzene	119	9.256	9.256	(0.960)	297159	20.0000	20
107	1,2,4-Trimethylbenzene	105	9.315	9.315	(0.966)	393115	20.0000	20
108	sec-Butylbenzene	105	9.404	9.404	(0.975)	457533	20.0000	21
109	4-Isopropyltoluene	119	9.542	9.542	(0.990)	378370	20.0000	21
110	1,3-Dichlorobenzene	146	9.572	9.572	(0.993)	241612	20.0000	20
111	1,4-Dichlorobenzene	146	9.661	9.661	(1.002)	256711	20.0000	21
112	1,2-Dichlorobenzene	146	10.015	10.015	(1.039)	241456	20.0000	20
113	Benzyl Chloride	126	9.887	9.887	(1.026)	69976	20.0000	21
114	1,4-Diethylbenzene	119	9.858	9.858	(2.263)	219685	20.0000	22
115	n-Butylbenzene	91	9.907	9.907	(1.028)	424254	20.0000	21
118	1,2,4,5-Tetramethylbenzene	119	10.568	10.568	(2.426)	373801	20.0000	21
119	1,2-Dibromo-3-chloropropane	75	10.715	10.715	(1.111)	47014	20.0000	22
120	Nitrobenzene	77	11.208	11.208	(1.163)	116951	200.000	200
121	1,2,4-Trichlorobenzene	180	11.307	11.307	(1.173)	141338	20.0000	22
122	Hexachlorobutadiene	225	11.297	11.297	(1.172)	69375	20.0000	20
123	Naphthalene	128	11.593	11.593	(1.202)	378906	20.0000	23
124	1,2,3-Trichlorobenzene	180	11.760	11.760	(1.220)	133967	20.0000	22
$ 125	Bromofluorobenzene	95	8.665	8.665	(0.899)	137426	20.0000	21
M 126	1,2-Dichloroethene (total)	100				363542	40.0000	40
M 127	Xylene (total)	100				641367	60.0000	59

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L3472.D

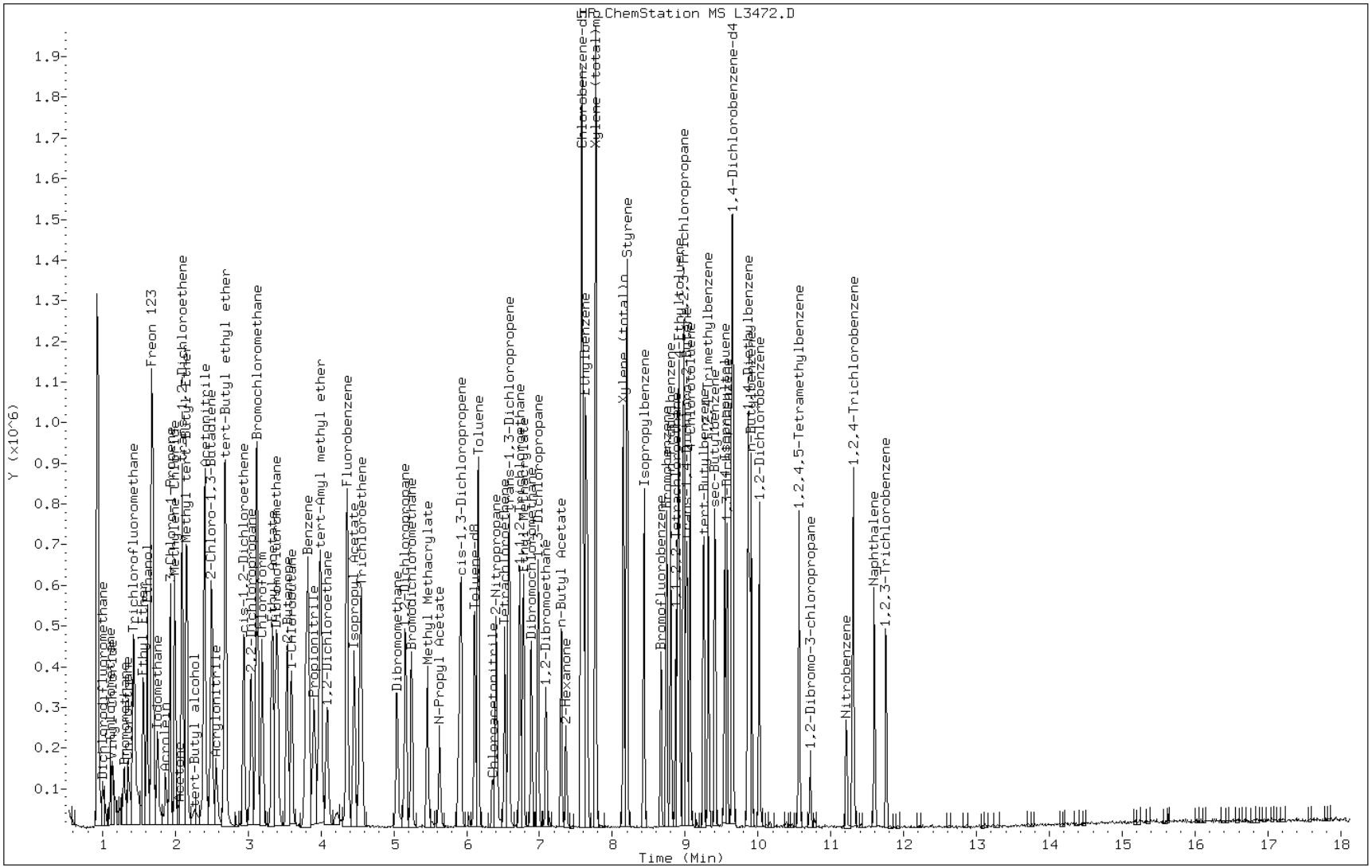
Date: 19-MAR-2009 16:28

Client ID: ICIS

Instrument: msl.i

Sample Info: ICIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: L3472.D
Inj. Date and Time: 19-MAR-2009 16:28
Instrument ID: msl.i
Client ID: ICIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/20/2009

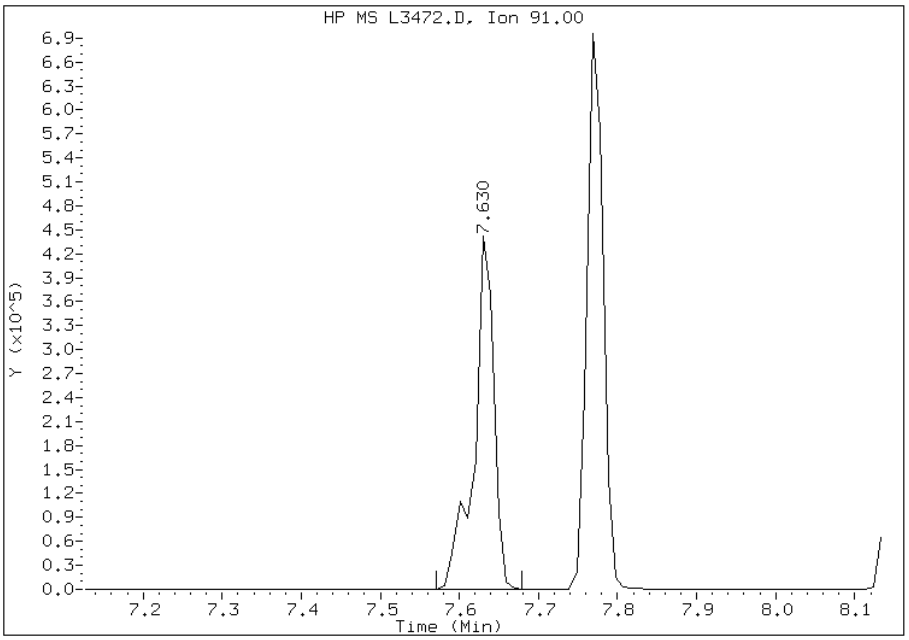
Processing Integration Results

RT: 7.63

Response: 784540

Amount: 47

Conc: 47



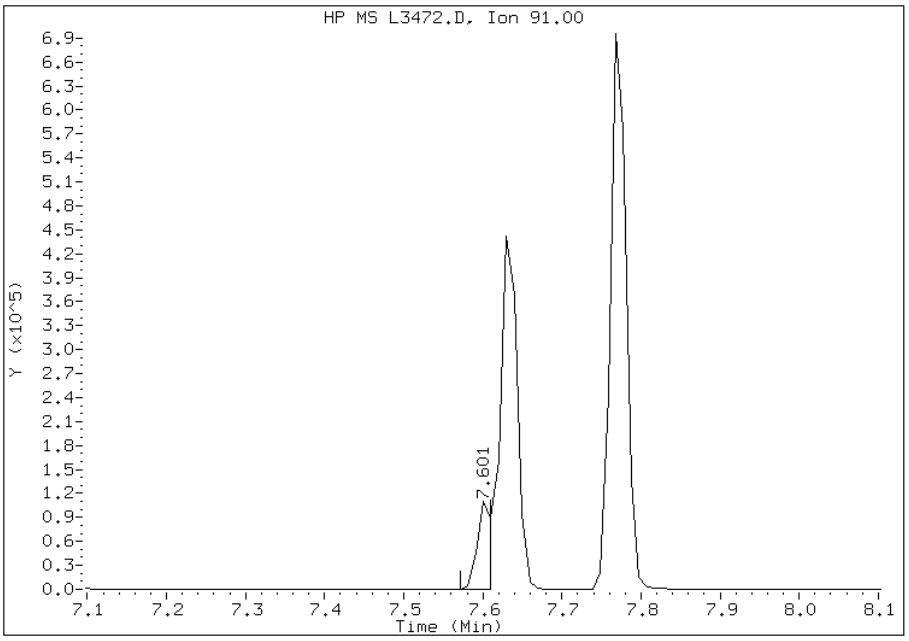
Manual Integration Results

RT: 7.60

Response: 148093

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3472.D
Inj. Date and Time: 19-MAR-2009 16:28
Instrument ID: msl.i
Client ID: ICIS
Compound: 62 N-Butanol
CAS #: 71-36-3
Report Date: 03/20/2009

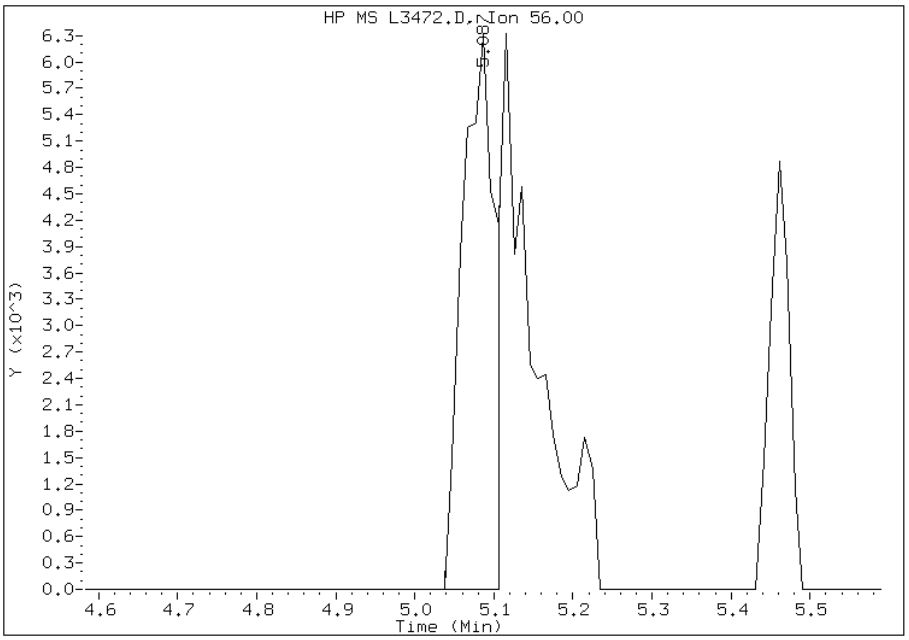
Processing Integration Results

RT: 5.09

Response: 18265

Amount: 38

Conc: 38



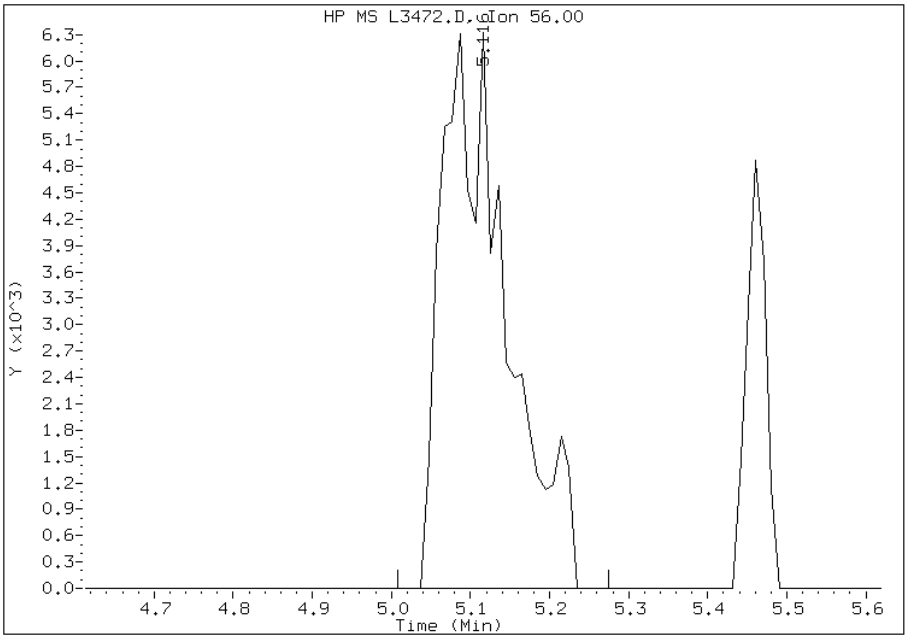
Manual Integration Results

RT: 5.12

Response: 36345

Amount: 169

Conc: 169



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3472.D
Inj. Date and Time: 19-MAR-2009 16:28
Instrument ID: msl.i
Client ID: ICIS
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 03/20/2009

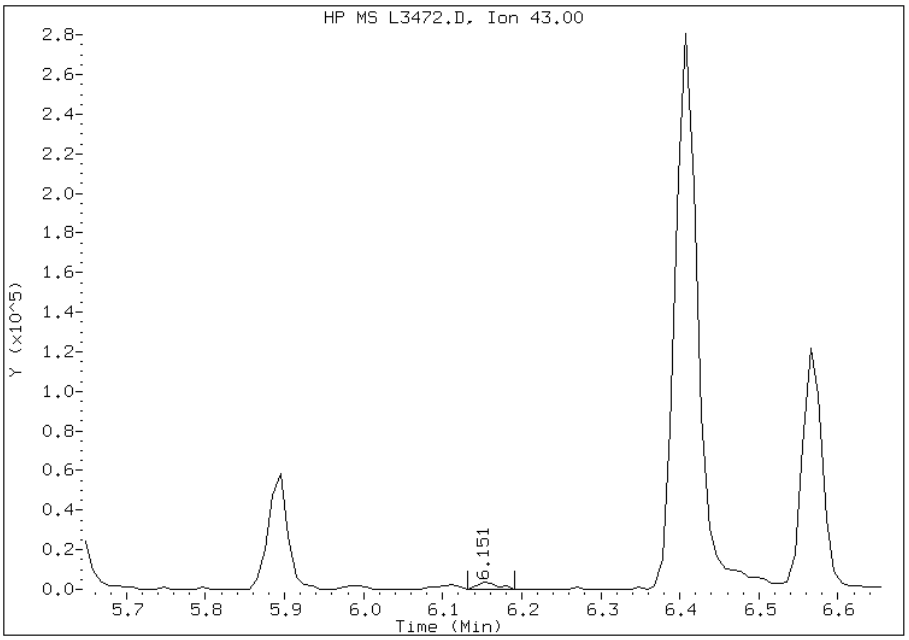
Processing Integration Results

RT: 6.15

Response: 6536

Amount: 2

Conc: 2



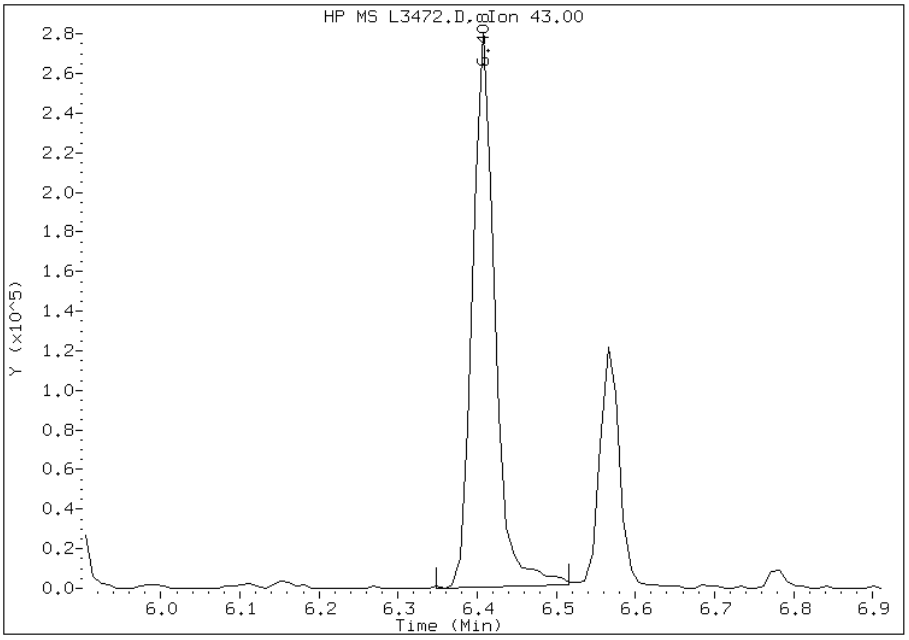
Manual Integration Results

RT: 6.41

Response: 566817

Amount: 101

Conc: 101



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3472.D
Inj. Date and Time: 19-MAR-2009 16:28
Instrument ID: msl.i
Client ID: ICIS
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/20/2009

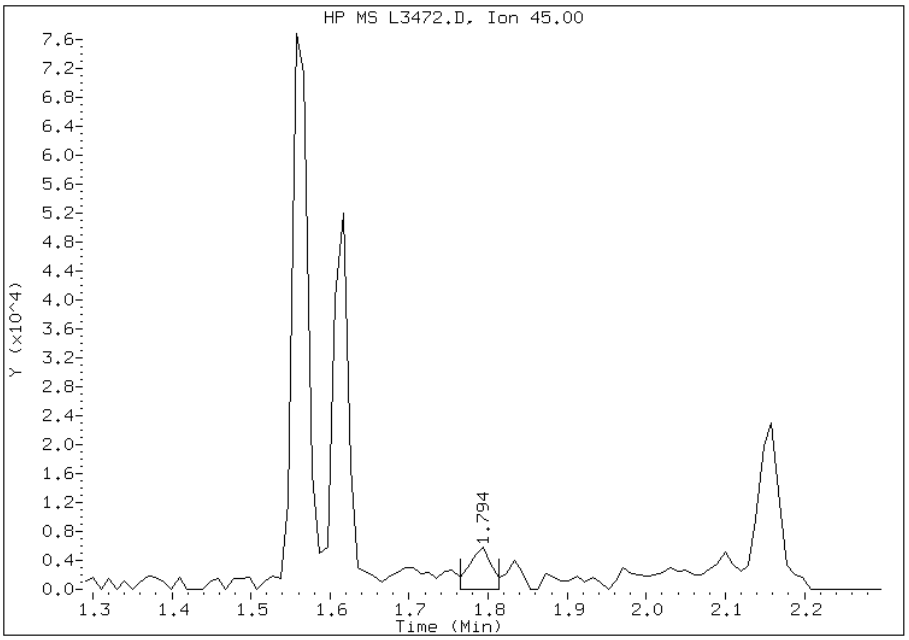
Processing Integration Results

RT: 1.79

Response: 12136

Amount: 27

Conc: 27



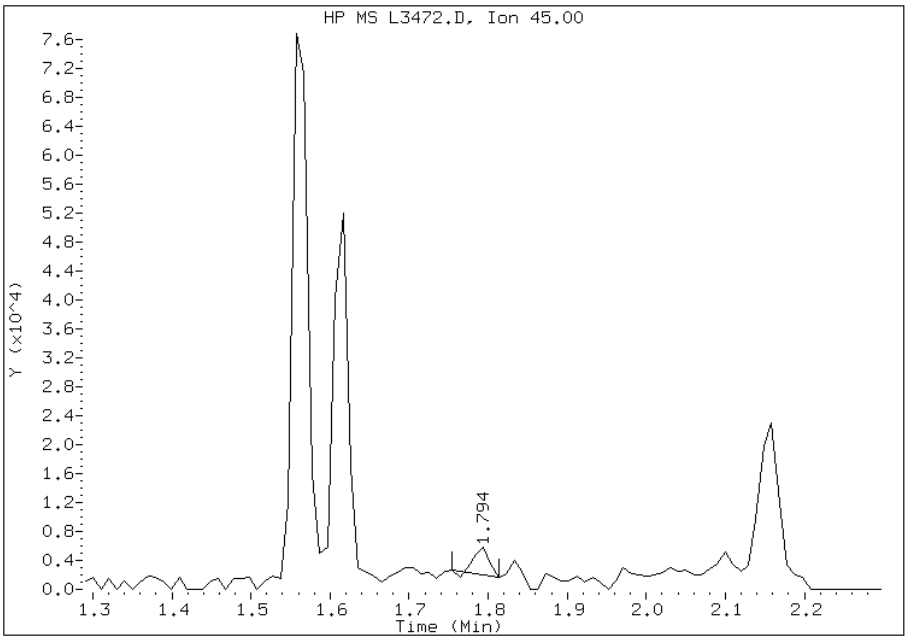
Manual Integration Results

RT: 1.79

Response: 4860

Amount: 6

Conc: 6



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3472.D
Inj. Date and Time: 19-MAR-2009 16:28
Instrument ID: msl.i
Client ID: ICIS
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/20/2009

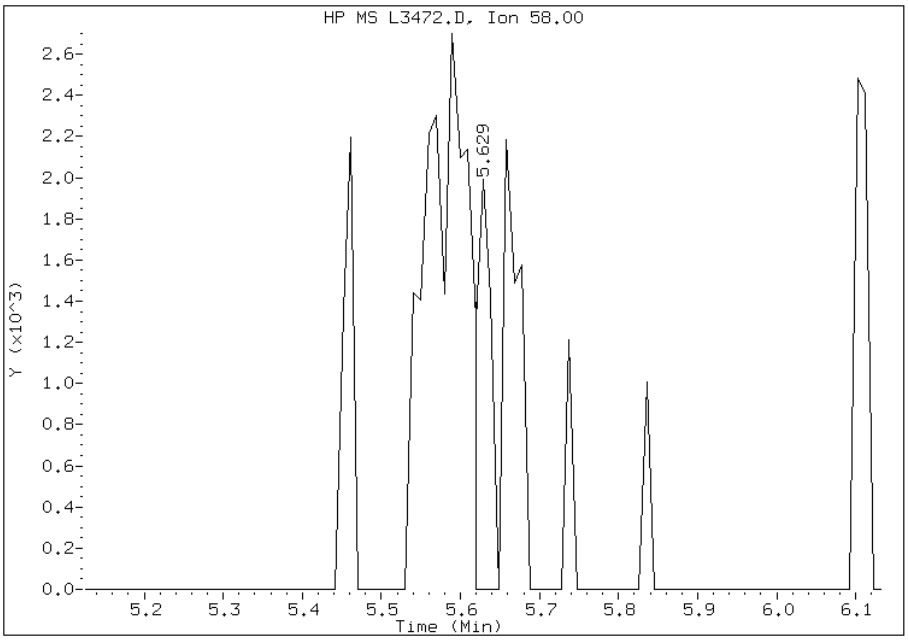
Processing Integration Results

RT: 5.63

Response: 2786

Amount: 69

Conc: 69



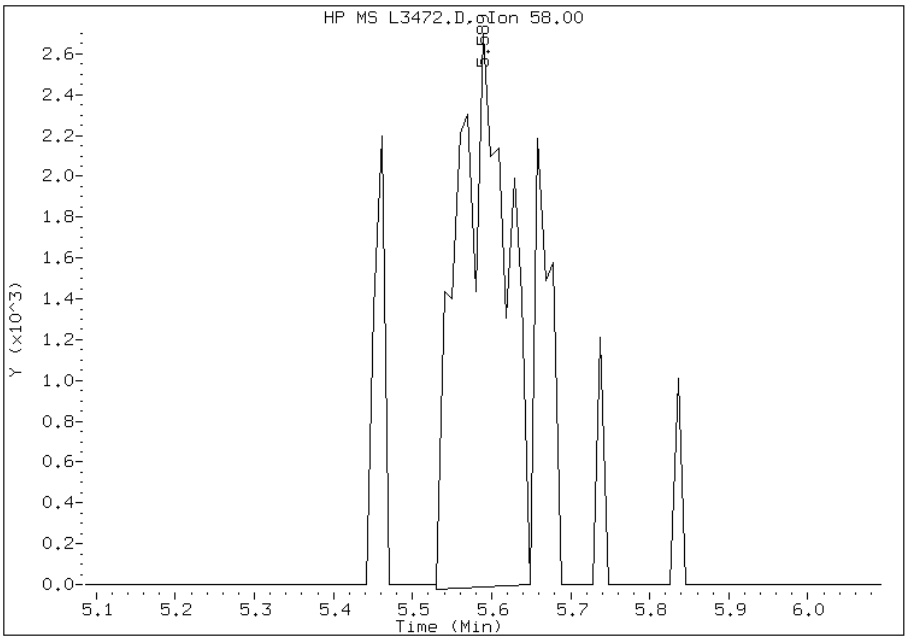
Manual Integration Results

RT: 5.59

Response: 12182

Amount: 136

Conc: 136



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L3473.D
Lab Smp Id: IC;10 Client Smp ID: IC;10
Inj Date : 19-MAR-2009 16:54 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;10
Misc Info : : ;;;; ;8260; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L8260BNW.m
Meth Date : 20-Mar-2009 09:25 barbara Quant Type: ISTD
Cal Date : 19-MAR-2009 16:54 Cal File: L3473.D
Als bottle: 5 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.355	4.355	(1.000)	831056	25.0000	
2	Dichlorodifluoromethane	85	1.003	1.003	(0.230)	38235	10.0000	8
3	Chloromethane	50	1.112	1.112	(0.255)	60545	10.0000	8
4	Vinyl Chloride	62	1.131	1.131	(0.260)	49762	10.0000	7
5	Bromomethane	94	1.289	1.289	(0.296)	36832	10.0000	8
6	Chloroethane	64	1.348	1.348	(0.310)	39899	10.0000	8
7	Trichlorofluoromethane	101	1.417	1.417	(0.326)	79172	10.0000	8
8	Dichlorofluoromethane	67	1.437	1.437	(0.330)	139451	10.0000	8
9	Ethyl Ether	45	1.565	1.565	(0.359)	51548	10.0000	10
10	Ethanol	45	1.615	1.615	(0.371)	21231	100.000	73(M)
11	Freon 141	81	1.615	1.615	(0.371)	96806	10.0000	7
12	Freon 123	67	1.684	1.684	(0.387)	16261	10.0000	7
13	Trichlorotrifluoroethane	101	1.684	1.684	(0.387)	39857	10.0000	7
14	1,1-Dichloroethene	96	1.674	1.674	(0.384)	44629	10.0000	8
15	Carbon Disulfide	76	1.693	1.693	(0.389)	178515	10.0000	8
16	Iodomethane	142	1.762	1.762	(0.405)	62951	10.0000	8
17	Acrolein	56	1.861	1.861	(0.427)	60851	50.0000	55(M)
18	2-Propanol	45	1.792	1.792	(0.412)	2650	10.0000	4(M)
19	3-Chloro-1-Propene	41	1.930	1.930	(0.443)	94419	10.0000	7
20	Methylene Chloride	84	1.989	1.989	(0.457)	87769	10.0000	6
21	Acetone	43	2.058	2.058	(0.473)	27041	10.0000	11
22	trans-1,2-Dichloroethene	96	2.088	2.088	(0.479)	62892	10.0000	8
23	Methyl Acetate	43	2.098	2.098	(0.482)	240553	10.0000	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.157	2.157	(0.495)	244505	10.0000	8
	25 tert-Butyl alcohol	59	2.275	2.275	(0.522)	47803	50.0000	58(H)
	26 Acetonitrile	41	2.403	2.403	(0.552)	142710	100.000	94
	27 Isopropyl ether	45	2.403	2.403	(0.552)	275770	10.0000	8
	28 tert-Butyl ethyl ether	59	2.689	2.689	(0.617)	342819	10.0000	9
	29 2-Chloro-1,3-Butadiene	88	2.482	2.482	(0.570)	42052	10.0000	7
	30 Acrylonitrile	53	2.571	2.571	(0.590)	69406	20.0000	20
	31 1,1-Dichloroethane	63	2.502	2.502	(0.574)	131731	10.0000	8
	32 Vinyl Acetate	43	2.699	2.699	(0.620)	267731	10.0000	9
	33 cis-1,2-Dichloroethene	96	2.936	2.936	(0.674)	89095	10.0000	9
	34 2,2-Dichloropropane	77	3.034	3.034	(0.697)	116305	10.0000	8
	35 Bromochloromethane	128	3.123	3.123	(0.717)	51098	10.0000	9
	36 1-Bromopropane	43	3.103	3.103	(0.713)	112412	10.0000	8
	37 Cyclohexane	84	3.113	3.113	(0.715)	53607	10.0000	7
	38 Chloroform	83	3.192	3.192	(0.733)	165120	10.0000	8
	39 Ethyl Acetate	43	3.340	3.340	(0.767)	101949	20.0000	20
	40 Methyl Acrylate	55	3.350	3.350	(0.769)	97010	10.0000	10
$	41 Dibromofluoromethane	111	3.379	3.379	(0.776)	57990	10.0000	8
	42 Tetrahydrofuran	42	3.379	3.379	(0.776)	74683	20.0000	22
	43 Carbon Tetrachloride	117	3.320	3.320	(0.762)	78527	10.0000	9
	44 1,1,1-Trichloroethane	97	3.399	3.399	(0.780)	107524	10.0000	7
	45 2-Butanone	43	3.557	3.557	(0.817)	49737	10.0000	12
	46 1,1-Dichloropropene	75	3.527	3.527	(0.810)	90368	10.0000	8
	47 tert-Amyl methyl ether	73	4.000	4.000	(0.919)	261113	10.0000	9
	49 1-Chlorobutane	56	3.596	3.596	(0.826)	134116	10.0000	8
	50 Heptane	43	3.774	3.774	(0.866)	78398	10.0000	10
	51 Propionitrile	54	3.912	3.912	(0.898)	117363	100.000	98
	52 Benzene	78	3.823	3.823	(0.878)	267902	10.0000	8
	53 2-Methyl-2-Propenenitrile	41	3.902	3.902	(0.896)	73870	10.0000	10
	54 Isobutyl alcohol	42	4.000	4.000	(0.919)	11283	100.000	88
$	55 1,2-Dichloroethane-d4	65	3.990	3.990	(0.916)	80297	10.0000	9
	56 1,2-Dichloroethane	62	4.089	4.089	(0.939)	153287	10.0000	9
	59 Methyl Cyclohexane	83	4.533	4.533	(1.041)	53654	10.0000	8
	60 Trichloroethene	130	4.552	4.552	(1.045)	68079	10.0000	8
	61 Isopropyl Acetate	43	4.464	4.464	(1.025)	292891	20.0000	19
	62 N-Butanol	56	5.104	5.104	(1.172)	17850	100.000	130(M)
	63 Dibromomethane	93	5.035	5.035	(1.156)	67976	10.0000	9
	64 1,2-Dichloropropane	63	5.154	5.154	(1.183)	85009	10.0000	9(T)
	65 Bromodichloromethane	83	5.243	5.243	(1.204)	132170	10.0000	9
	66 Methyl Methacrylate	69	5.469	5.469	(1.256)	69140	10.0000	10
	67 1,4-Dioxane	58	5.627	5.627	(1.292)	6053	100.000	98
	68 N-Propyl Acetate	43	5.637	5.637	(1.294)	117211	20.0000	19(H)
	69 2-Chloroethylvinylether	63	5.893	5.893	(1.353)	58647	10.0000	10
	70 cis-1,3-Dichloropropene	75	5.923	5.923	(1.360)	151836	10.0000	9
	71 Chloroacetonitrile	48	6.357	6.357	(1.459)	29833	100.000	100
	72 2-Nitropropane	41	6.406	6.406	(1.471)	64705	20.0000	19(M)
	73 trans-1,3-Dichloropropene	75	6.583	6.583	(1.512)	158213	10.0000	9
	74 1,1,2-Trichloroethane	97	6.731	6.731	(1.545)	76207	10.0000	9
*	75 Chlorobenzene-d5	117	7.569	7.569	(1.000)	650534	25.0000	
	76 Toluene	91	6.159	6.159	(0.814)	252275	10.0000	8
$	77 Toluene-d8	98	6.110	6.110	(0.807)	135352	10.0000	8
	78 1,1-Dichloro-2-propanone	43	6.406	6.406	(0.846)	268554	50.0000	48(M)
	79 4-Methyl-2-Pentanone	43	6.573	6.573	(0.868)	103825	10.0000	10
	80 Tetrachloroethene	164	6.524	6.524	(0.862)	39415	10.0000	8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	6.780	6.780	(0.896)	125158	10.0000	9
82	Dibromochloromethane	129	6.889	6.889	(0.910)	101637	10.0000	9
83	1,3-Dichloropropane	76	6.978	6.978	(0.922)	154981	10.0000	10
84	1,2-Dibromoethane	107	7.086	7.086	(0.936)	94097	10.0000	9
85	n-Butyl Acetate	56	7.303	7.303	(0.965)	55937	10.0000	10
86	2-Hexanone	43	7.362	7.362	(0.973)	67395	10.0000	10
87	1-Chlorohexane	91	7.599	7.599	(1.004)	60779	10.0000	8(H)
88	Chlorobenzene	112	7.589	7.589	(1.003)	184311	10.0000	9
89	1,1,1,2-Tetrachloroethane	131	7.658	7.658	(1.012)	72177	10.0000	9
90	Ethylbenzene	106	7.628	7.628	(1.008)	75106	10.0000	8
91	Xylene (total)mp	106	7.766	7.766	(1.026)	178108	20.0000	17
92	Xylene (total)o	106	8.151	8.151	(1.077)	96525	10.0000	9
93	Styrene	104	8.200	8.200	(1.083)	174980	10.0000	9
94	Bromoform	173	8.200	8.200	(1.083)	60709	10.0000	9
* 95	1,4-Dichlorobenzene-d4	152	9.639	9.639	(1.000)	250623	25.0000	
96	Isopropylbenzene	105	8.437	8.437	(0.875)	185580	10.0000	8
97	Bromobenzene	156	8.742	8.742	(0.907)	76296	10.0000	9
98	1,1,2,2-Tetrachloroethane	83	8.871	8.871	(0.920)	103013	10.0000	10
99	4-Ethyltoluene	105	8.900	8.900	(0.923)	184842	10.0000	8
100	1,2,3-Trichloropropane	110	8.969	8.969	(0.930)	32410	10.0000	10
101	trans-1,4-Dichloro-2-Butene	53	9.018	9.018	(0.936)	53247	20.0000	20
102	n-Propylbenzene	91	8.802	8.802	(0.913)	240365	10.0000	9
103	2-Chlorotoluene	91	8.920	8.920	(0.925)	196073	10.0000	9
104	4-Chlorotoluene	91	9.068	9.068	(0.941)	201996	10.0000	9
105	1,3,5-Trimethylbenzene	105	8.979	8.979	(0.931)	156895	10.0000	8
106	tert-Butylbenzene	119	9.255	9.255	(0.960)	121164	10.0000	8
107	1,2,4-Trimethylbenzene	105	9.314	9.314	(0.966)	171247	10.0000	9
108	sec-Butylbenzene	105	9.403	9.403	(0.975)	189502	10.0000	9
109	4-Isopropyltoluene	119	9.541	9.541	(0.990)	153587	10.0000	9
110	1,3-Dichlorobenzene	146	9.580	9.580	(0.994)	111961	10.0000	10
111	1,4-Dichlorobenzene	146	9.659	9.659	(1.002)	109064	10.0000	9
112	1,2-Dichlorobenzene	146	10.014	10.014	(1.039)	108356	10.0000	9
113	Benzyl Chloride	126	9.886	9.886	(1.026)	30795	10.0000	9
114	1,4-Diethylbenzene	119	9.856	9.856	(2.263)	84931	10.0000	8
115	n-Butylbenzene	91	9.906	9.906	(1.028)	185502	10.0000	9(M)
118	1,2,4,5-Tetramethylbenzene	119	10.566	10.566	(2.426)	169465	10.0000	9
119	1,2-Dibromo-3-chloropropane	75	10.724	10.724	(1.112)	19418	10.0000	9
120	Nitrobenzene	77	11.207	11.207	(1.163)	53869	100.000	93
121	1,2,4-Trichlorobenzene	180	11.315	11.315	(1.174)	64068	10.0000	10
122	Hexachlorobutadiene	225	11.296	11.296	(1.172)	39188	10.0000	5
123	Naphthalene	128	11.592	11.592	(1.202)	164474	10.0000	10
124	1,2,3-Trichlorobenzene	180	11.759	11.759	(1.220)	60663	10.0000	10
$ 125	Bromofluorobenzene	95	8.663	8.663	(0.899)	55626	10.0000	9
M 126	1,2-Dichloroethene (total)	100				151987	20.0000	16
M 127	Xylene (total)	100				274633	30.0000	26

QC Flag Legend

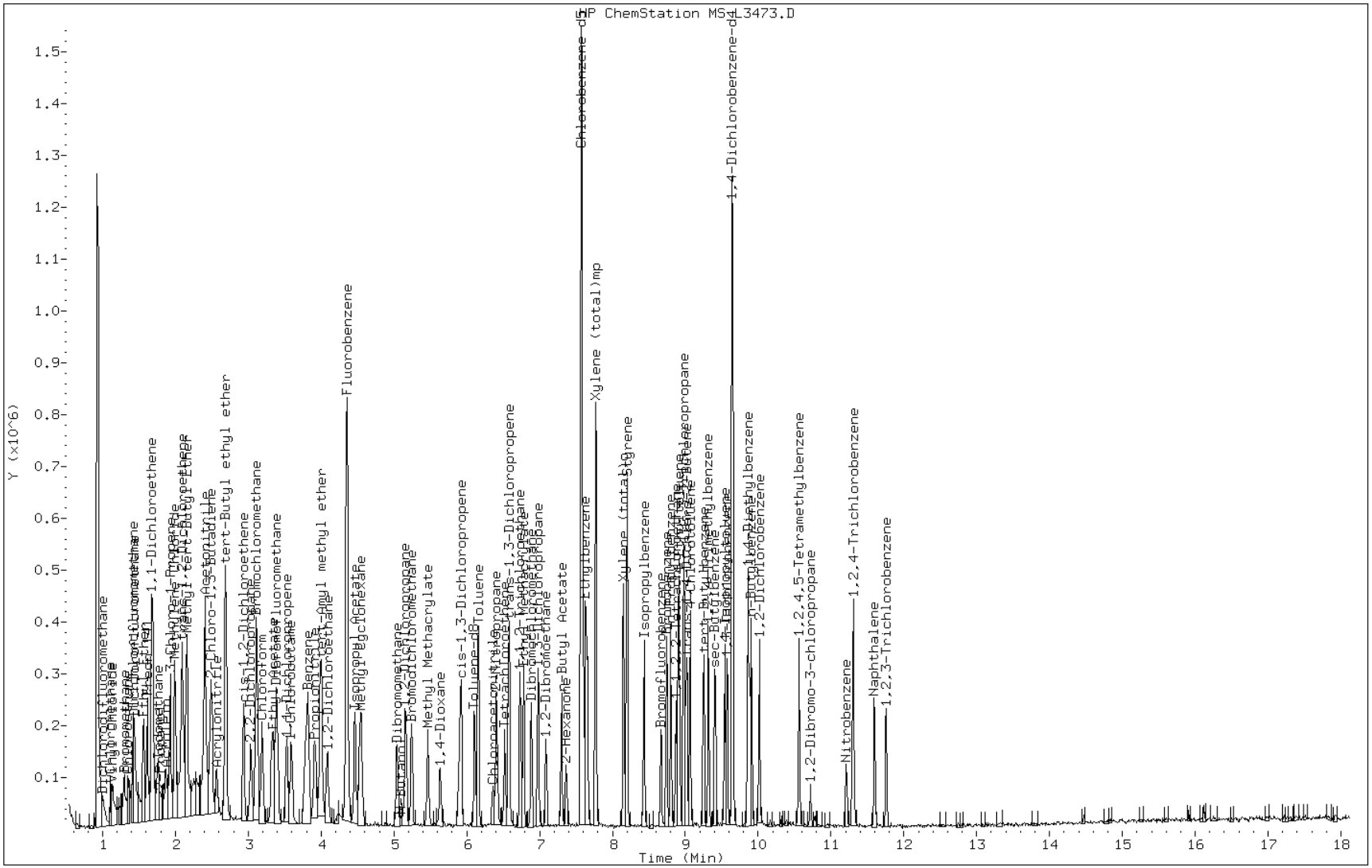
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L3473.D

Date: 19-MAR-2009 16:54

Client ID: IC;10 Instrument: msl.i

Sample Info: IC;10 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: L3473.D
Inj. Date and Time: 19-MAR-2009 16:54
Instrument ID: msl.i
Client ID: IC;10
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 03/20/2009

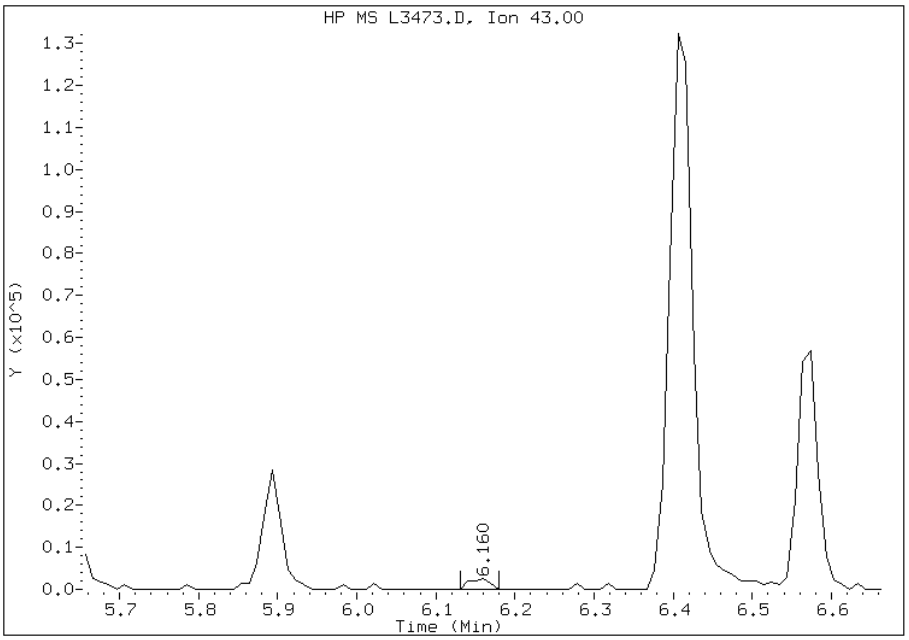
Processing Integration Results

RT: 6.16

Response: 4590

Amount: 1

Conc: 1



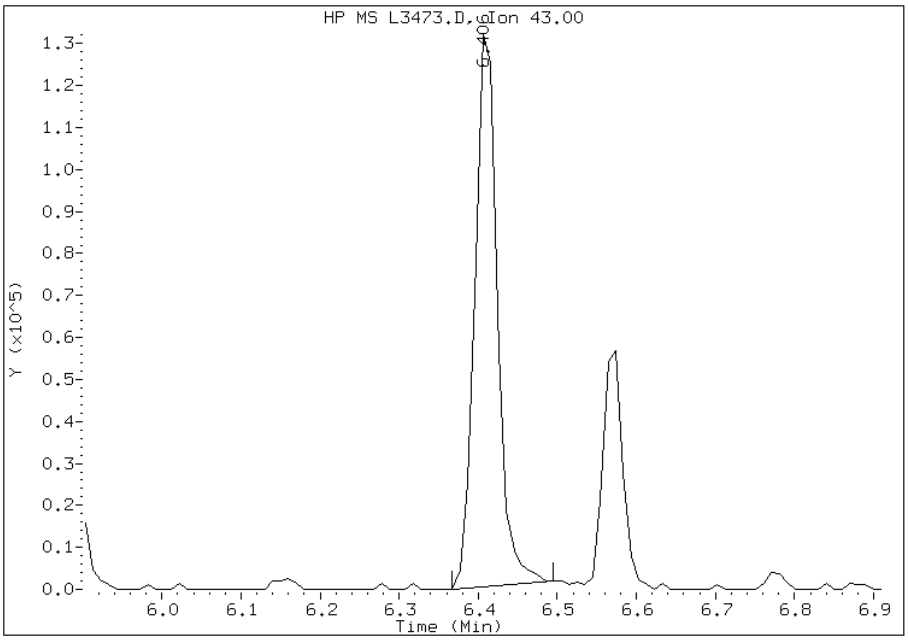
Manual Integration Results

RT: 6.41

Response: 268554

Amount: 48

Conc: 48



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3473.D
Inj. Date and Time: 19-MAR-2009 16:54
Instrument ID: msl.i
Client ID: IC;10
Compound: 17 Acrolein
CAS #: 107-02-8
Report Date: 03/20/2009

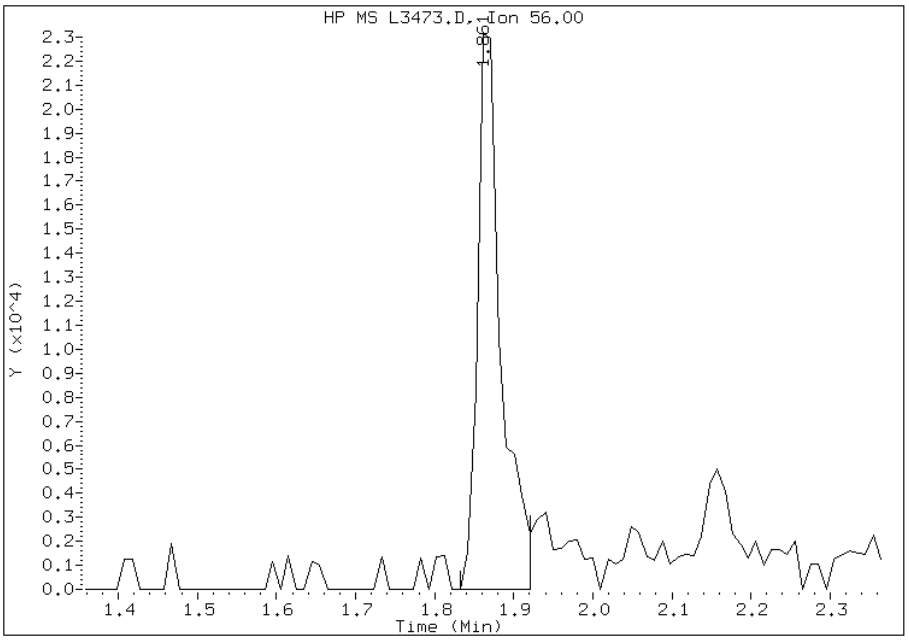
Processing Integration Results

RT: 1.86

Response: 49824

Amount: 47

Conc: 47



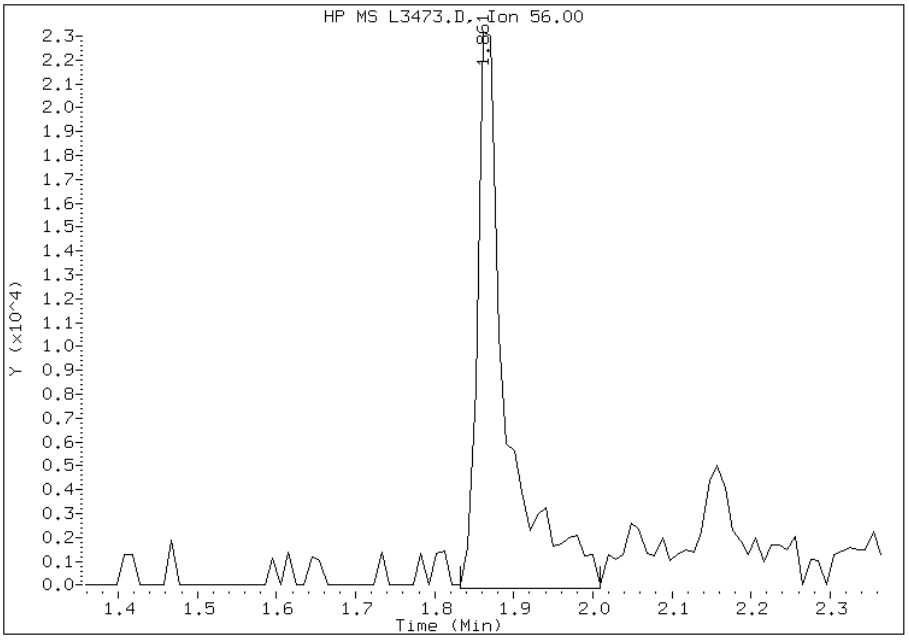
Manual Integration Results

RT: 1.86

Response: 60851

Amount: 55

Conc: 55



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3473.D
Inj. Date and Time: 19-MAR-2009 16:54
Instrument ID: msl.i
Client ID: IC;10
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 03/20/2009

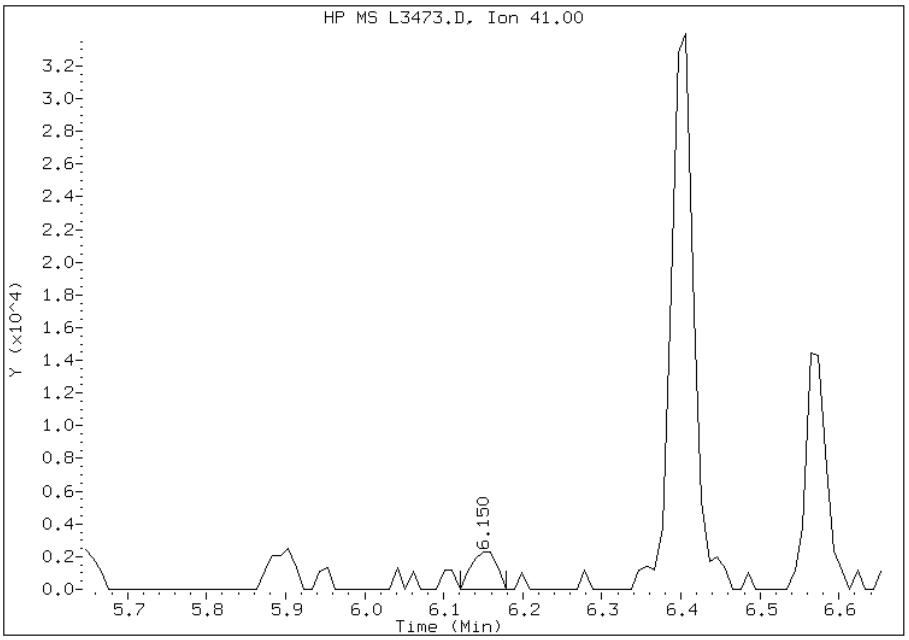
Processing Integration Results

RT: 6.15

Response: 5238

Amount: 2

Conc: 2



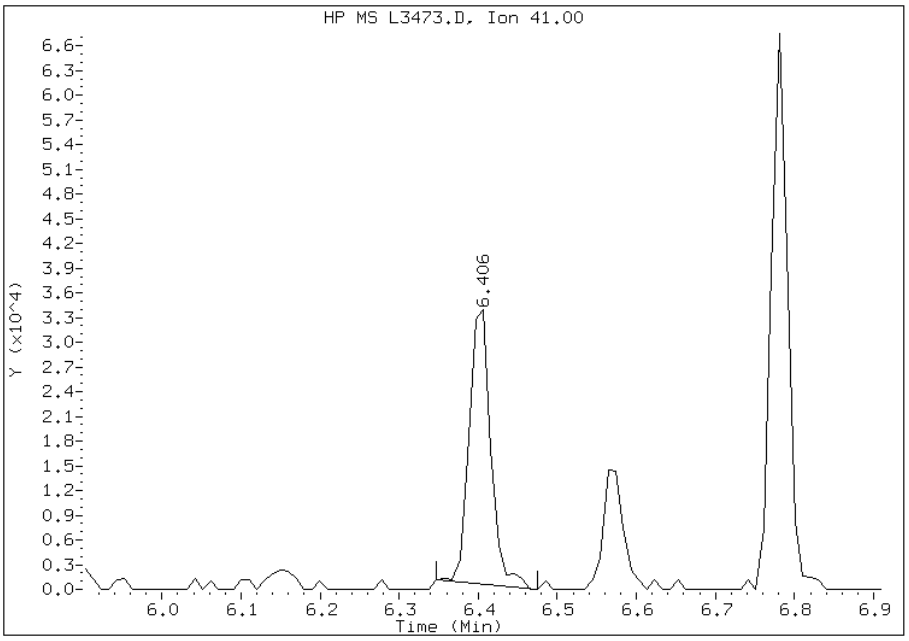
Manual Integration Results

RT: 6.41

Response: 64705

Amount: 19

Conc: 19



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3473.D
Inj. Date and Time: 19-MAR-2009 16:54
Instrument ID: msl.i
Client ID: IC;10
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/20/2009

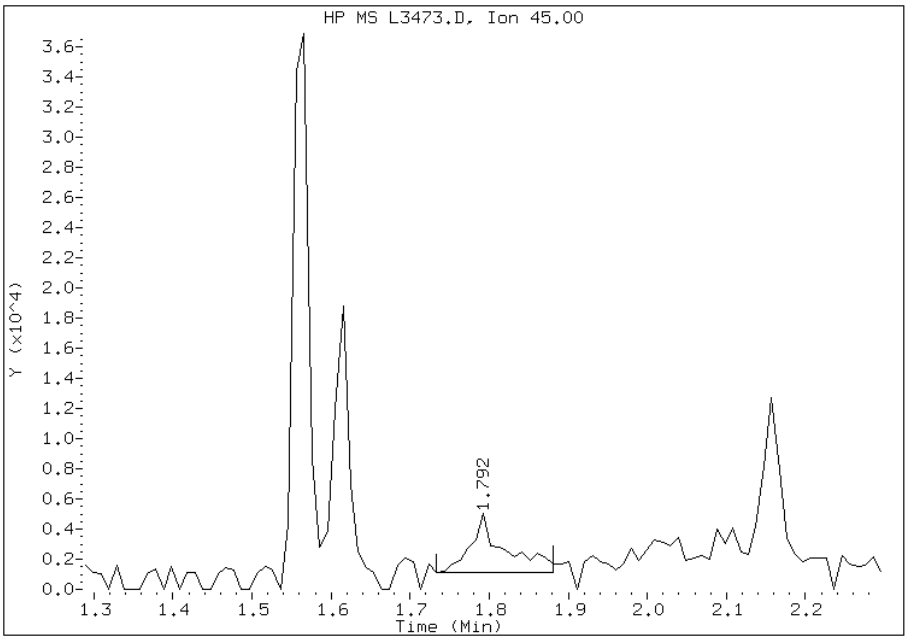
Processing Integration Results

RT: 1.79

Response: 11435

Amount: 23

Conc: 23



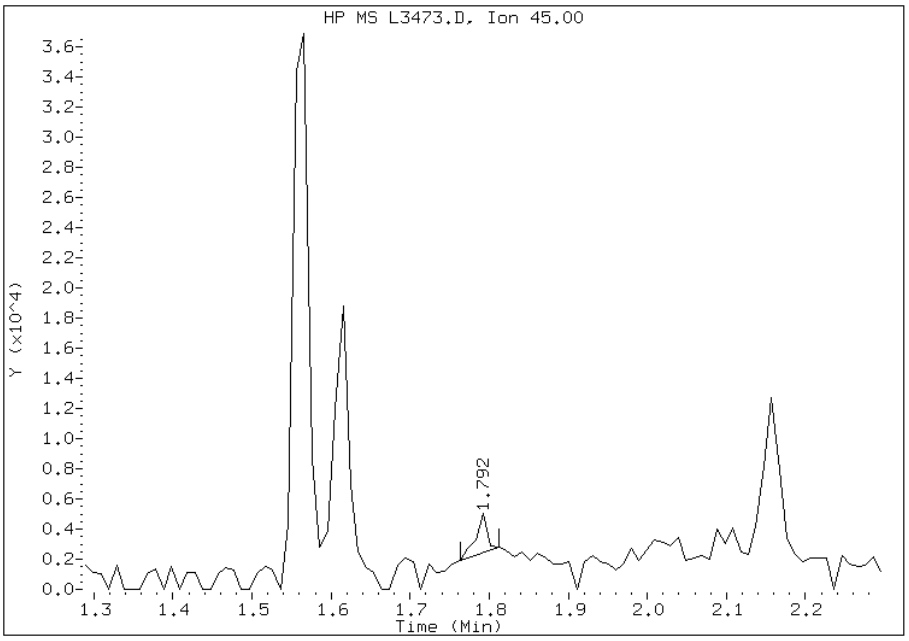
Manual Integration Results

RT: 1.79

Response: 2650

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3473.D
Inj. Date and Time: 19-MAR-2009 16:54
Instrument ID: msl.i
Client ID: IC;10
Compound: 62 N-Butanol
CAS #: 71-36-3
Report Date: 03/20/2009

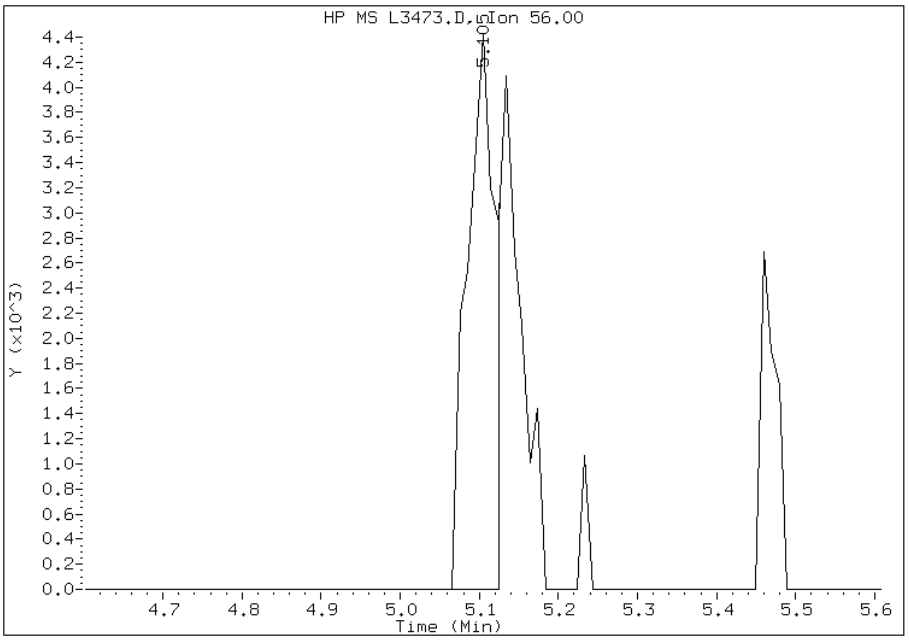
Processing Integration Results

RT: 5.10

Response: 11137

Amount: 71

Conc: 71



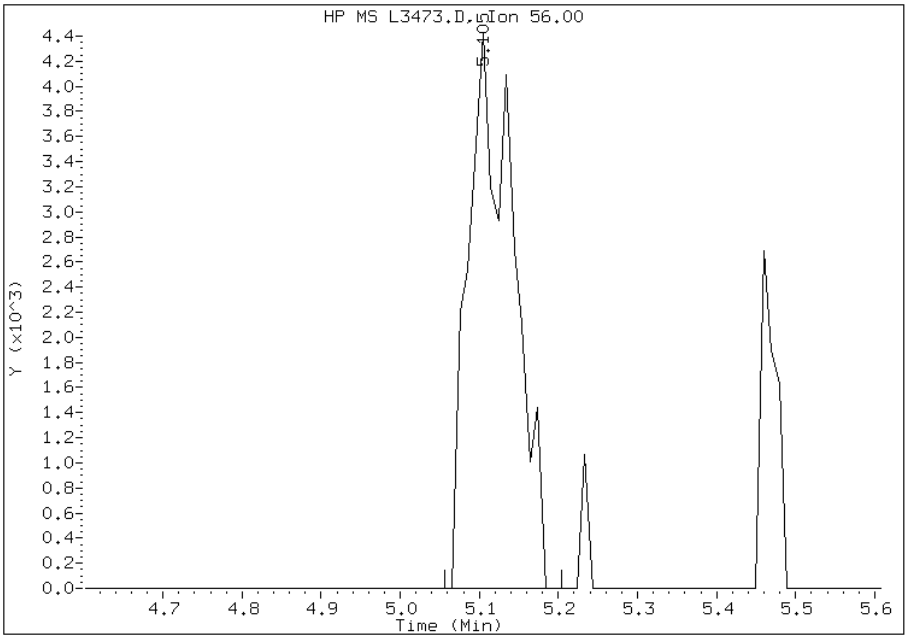
Manual Integration Results

RT: 5.10

Response: 17850

Amount: 129

Conc: 129



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3473.D
Inj. Date and Time: 19-MAR-2009 16:54
Instrument ID: msl.i
Client ID: IC;10
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 03/20/2009

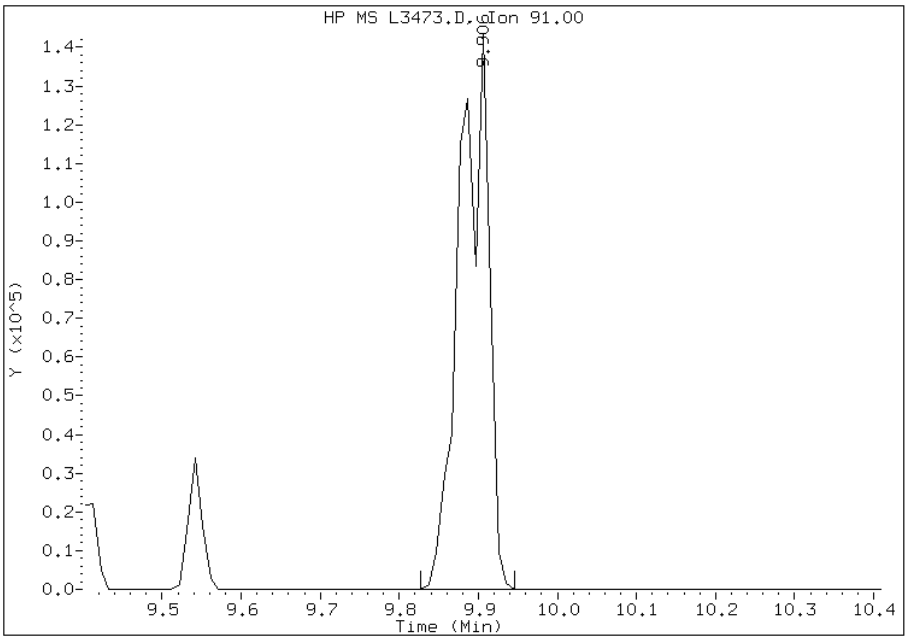
Processing Integration Results

RT: 9.91

Response: 377455

Amount: 19

Conc: 19



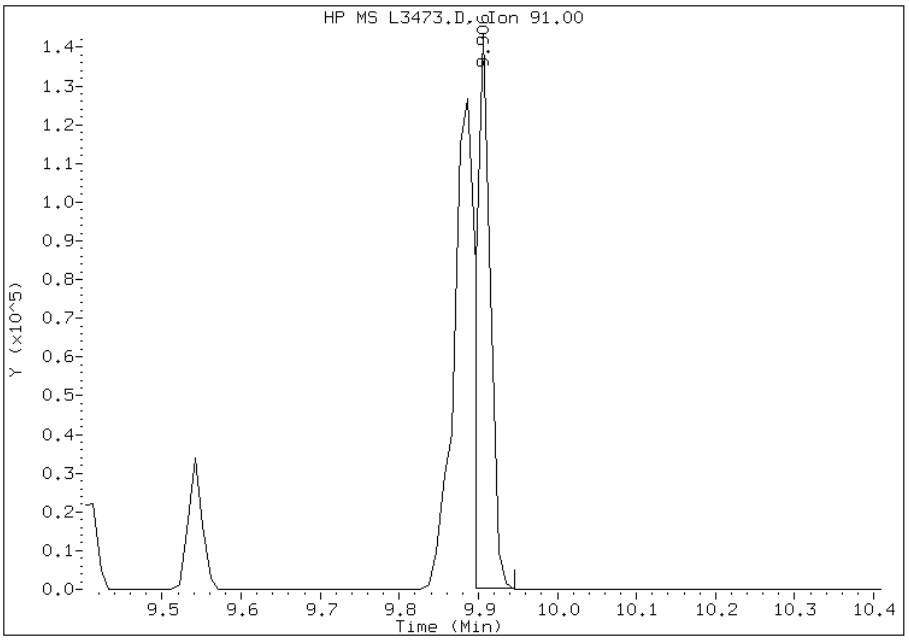
Manual Integration Results

RT: 9.91

Response: 185502

Amount: 9

Conc: 9



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L3473.D
Inj. Date and Time: 19-MAR-2009 16:54
Instrument ID: msl.i
Client ID: IC;10
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 03/20/2009

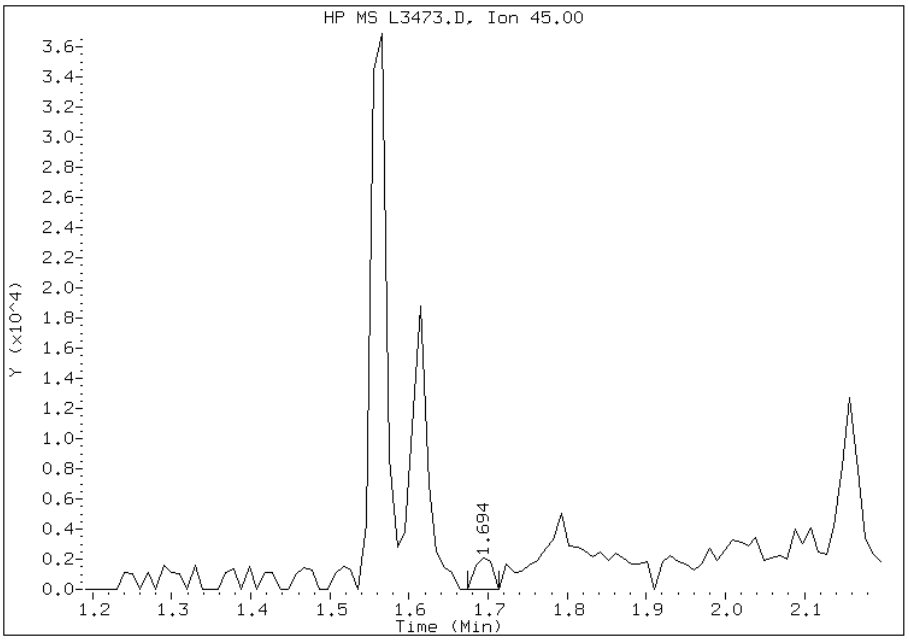
Processing Integration Results

RT: 1.69

Response: 3246

Amount: 11

Conc: 11



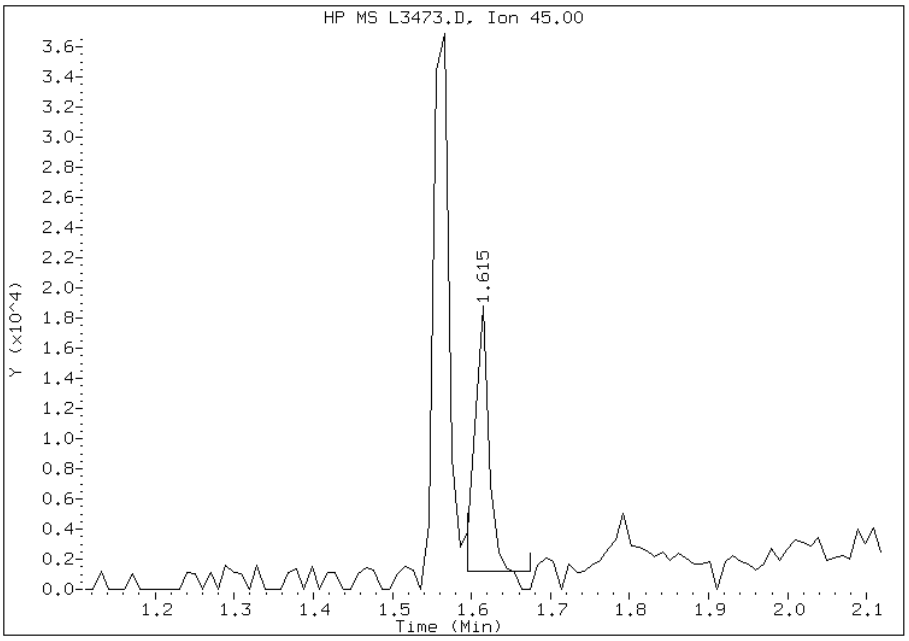
Manual Integration Results

RT: 1.62

Response: 21231

Amount: 73

Conc: 73



Manually Integrated By: barbara
Manual Integration Reason:

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L3474.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 19-MAR-2009 17:20 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : IC;5
Misc Info : : ;;;; ;8260; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093469.b\L8260BNW.m
Meth Date : 24-Mar-2009 13:49 barbara Quant Type: ISTD
Cal Date : 19-MAR-2009 16:54 Cal File: L3473.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.362	4.362	(1.000)	754824	25.0000	
2	Dichlorodifluoromethane	85	1.010	1.010	(0.232)	23589	5.00000	6
3	Chloromethane	50	1.108	1.108	(0.254)	35176	5.00000	5
4	Vinyl Chloride	62	1.138	1.138	(0.261)	31400	5.00000	5
5	Bromomethane	94	1.296	1.296	(0.297)	25229	5.00000	6
6	Chloroethane	64	1.355	1.355	(0.311)	25961	5.00000	6
7	Trichlorofluoromethane	101	1.414	1.414	(0.324)	48928	5.00000	6
8	Dichlorofluoromethane	67	1.443	1.443	(0.331)	83154	5.00000	5
9	Ethyl Ether	45	1.562	1.562	(0.358)	27282	5.00000	6
10	Ethanol	45	1.611	1.611	(0.369)	14979	50.0000	61(M)
11	Freon 141	81	1.611	1.611	(0.369)	60760	5.00000	5
12	Freon 123	67	1.680	1.680	(0.385)	11154	5.00000	6
13	Trichlorotrifluoroethane	101	1.680	1.680	(0.385)	27065	5.00000	6
14	1,1-Dichloroethene	96	1.670	1.670	(0.383)	30475	5.00000	6
15	Carbon Disulfide	76	1.700	1.700	(0.390)	107225	5.00000	5
16	Iodomethane	142	1.759	1.759	(0.403)	32359	5.00000	5
17	Acrolein	56	1.877	1.877	(0.430)	25105	25.0000	25(M)
18	2-Propanol	45	1.769	1.769	(0.406)	2096	5.00000	12(M)
19	3-Chloro-1-Propene	41	1.927	1.927	(0.442)	63787	5.00000	5
20	Methylene Chloride	84	1.996	1.996	(0.458)	74260	5.00000	5
21	Acetone	43	2.045	2.045	(0.469)	13001	5.00000	6
22	trans-1,2-Dichloroethene	96	2.084	2.084	(0.478)	39593	5.00000	5
23	Methyl Acetate	43	2.104	2.104	(0.482)	128578	5.00000	6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.153	2.153	(0.494)	142178	5.00000	5
	25 tert-Butyl alcohol	59	2.272	2.272	(0.521)	20779	25.0000	28(M)
	26 Acetonitrile	41	2.400	2.400	(0.550)	74663	50.0000	54
	27 Isopropyl ether	45	2.400	2.400	(0.550)	160190	5.00000	5
	28 tert-Butyl ethyl ether	59	2.686	2.686	(0.616)	164555	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.488	2.488	(0.571)	30387	5.00000	5
	30 Acrylonitrile	53	2.567	2.567	(0.589)	34321	10.0000	11
	31 1,1-Dichloroethane	63	2.508	2.508	(0.575)	81556	5.00000	5
	32 Vinyl Acetate	43	2.696	2.696	(0.618)	136373	5.00000	5
	33 cis-1,2-Dichloroethene	96	2.942	2.942	(0.675)	48637	5.00000	5
	34 2,2-Dichloropropane	77	3.041	3.041	(0.697)	69552	5.00000	5
	35 Bromochloromethane	128	3.119	3.119	(0.715)	25367	5.00000	5
	36 1-Bromopropane	43	3.110	3.110	(0.713)	64387	5.00000	5
	37 Cyclohexane	84	3.119	3.119	(0.715)	31974	5.00000	5
	38 Chloroform	83	3.188	3.188	(0.731)	95511	5.00000	5
	39 Ethyl Acetate	43	3.336	3.336	(0.765)	54722	10.0000	12
	40 Methyl Acrylate	55	3.336	3.336	(0.765)	46927	5.00000	5
$	41 Dibromofluoromethane	111	3.376	3.376	(0.774)	31883	5.00000	5
	42 Tetrahydrofuran	42	3.376	3.376	(0.774)	32074	10.0000	10
	43 Carbon Tetrachloride	117	3.326	3.326	(0.763)	49765	5.00000	8
	44 1,1,1-Trichloroethane	97	3.405	3.405	(0.781)	65413	5.00000	5
	45 2-Butanone	43	3.553	3.553	(0.815)	17526	5.00000	5
	46 1,1-Dichloropropene	75	3.534	3.534	(0.810)	60335	5.00000	6
	47 tert-Amyl methyl ether	73	3.987	3.987	(0.914)	145377	5.00000	5
	49 1-Chlorobutane	56	3.593	3.593	(0.824)	82445	5.00000	5
	50 Heptane	43	3.790	3.790	(0.869)	40632	5.00000	9
	51 Propionitrile	54	3.918	3.918	(0.898)	53456	50.0000	49
	52 Benzene	78	3.819	3.819	(0.876)	148771	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	3.908	3.908	(0.896)	37949	5.00000	6
	54 Isobutyl alcohol	42	3.987	3.987	(0.914)	5477	50.0000	47
$	55 1,2-Dichloroethane-d4	65	4.007	4.007	(0.919)	44914	5.00000	6
	56 1,2-Dichloroethane	62	4.086	4.086	(0.937)	77529	5.00000	5
	59 Methyl Cyclohexane	83	4.529	4.529	(1.038)	30414	5.00000	5
	60 Trichloroethene	130	4.559	4.559	(1.045)	38983	5.00000	5
	61 Isopropyl Acetate	43	4.450	4.450	(1.020)	146713	10.0000	10
	63 Dibromomethane	93	5.042	5.042	(1.156)	34101	5.00000	5
	64 1,2-Dichloropropane	63	5.160	5.160	(1.183)	43092	5.00000	5(T)
	65 Bromodichloromethane	83	5.239	5.239	(1.201)	70497	5.00000	5
	66 Methyl Methacrylate	69	5.456	5.456	(1.251)	31022	5.00000	5
	67 1,4-Dioxane	58	5.624	5.624	(1.289)	1278	50.0000	90(M)
	68 N-Propyl Acetate	43	5.624	5.624	(1.289)	58638	10.0000	10
	69 2-Chloroethylvinylether	63	5.890	5.890	(1.350)	25390	5.00000	5
	70 cis-1,3-Dichloropropene	75	5.919	5.919	(1.357)	75947	5.00000	5
	71 Chloroacetonitrile	48	6.353	6.353	(1.457)	13823	50.0000	51
	72 2-Nitropropane	41	6.402	6.402	(1.468)	33590	10.0000	11(M)
	73 trans-1,3-Dichloropropene	75	6.580	6.580	(1.509)	77948	5.00000	5
	74 1,1,2-Trichloroethane	97	6.738	6.738	(1.545)	39256	5.00000	5
*	75 Chlorobenzene-d5	117	7.576	7.576	(1.000)	609067	25.0000	
	76 Toluene	91	6.156	6.156	(0.813)	152436	5.00000	5
$	77 Toluene-d8	98	6.107	6.107	(0.806)	81263	5.00000	5
	78 1,1-Dichloro-2-propanone	43	6.412	6.412	(0.846)	128699	25.0000	25(M)
	79 4-Methyl-2-Pentanone	43	6.560	6.560	(0.866)	51794	5.00000	5
	80 Tetrachloroethene	164	6.521	6.521	(0.861)	22303	5.00000	5
	81 Ethyl Methacrylate	69	6.777	6.777	(0.895)	62691	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	82 Dibromochloromethane	129	6.885	6.885	(0.909)	49711	5.00000	5
	83 1,3-Dichloropropane	76	6.984	6.984	(0.922)	78260	5.00000	5
	84 1,2-Dibromoethane	107	7.093	7.093	(0.936)	45042	5.00000	5
	85 n-Butyl Acetate	56	7.300	7.300	(0.964)	28576	5.00000	5
	86 2-Hexanone	43	7.369	7.369	(0.973)	32409	5.00000	5
	87 1-Chlorohexane	91	7.605	7.605	(1.004)	44987	5.00000	7
	88 Chlorobenzene	112	7.585	7.585	(1.001)	98587	5.00000	5
	89 1,1,1,2-Tetrachloroethane	131	7.654	7.654	(1.010)	38799	5.00000	5(M)
	90 Ethylbenzene	106	7.635	7.635	(1.008)	39586	5.00000	5
	91 Xylene (total)mp	106	7.773	7.773	(1.026)	98632	10.0000	10
	92 Xylene (total)o	106	8.147	8.147	(1.075)	50398	5.00000	5
	93 Styrene	104	8.197	8.197	(1.082)	95866	5.00000	5
	94 Bromoform	173	8.207	8.207	(1.083)	28725	5.00000	4
*	95 1,4-Dichlorobenzene-d4	152	9.646	9.646	(1.000)	240561	25.0000	
	96 Isopropylbenzene	105	8.433	8.433	(0.874)	106039	5.00000	5
	97 Bromobenzene	156	8.749	8.749	(0.907)	38491	5.00000	5
	98 1,1,2,2-Tetrachloroethane	83	8.867	8.867	(0.919)	50764	5.00000	5
	99 4-Ethyltoluene	105	8.907	8.907	(0.923)	104758	5.00000	5
	100 1,2,3-Trichloropropane	110	8.976	8.976	(0.930)	15718	5.00000	5
	101 trans-1,4-Dichloro-2-Butene	53	9.025	9.025	(0.936)	23707	10.0000	9
	102 n-Propylbenzene	91	8.798	8.798	(0.912)	130095	5.00000	5
	103 2-Chlorotoluene	91	8.916	8.916	(0.924)	110687	5.00000	5
	104 4-Chlorotoluene	91	9.064	9.064	(0.940)	112492	5.00000	5
	105 1,3,5-Trimethylbenzene	105	8.985	8.985	(0.932)	92153	5.00000	5
	106 tert-Butylbenzene	119	9.252	9.252	(0.959)	69518	5.00000	5
	107 1,2,4-Trimethylbenzene	105	9.321	9.321	(0.966)	94274	5.00000	5
	108 sec-Butylbenzene	105	9.409	9.409	(0.975)	104748	5.00000	5
	109 4-Isopropyltoluene	119	9.547	9.547	(0.990)	82155	5.00000	5
	110 1,3-Dichlorobenzene	146	9.577	9.577	(0.993)	53889	5.00000	5
	111 1,4-Dichlorobenzene	146	9.656	9.656	(1.001)	63282	5.00000	5
	112 1,2-Dichlorobenzene	146	10.021	10.021	(1.039)	60357	5.00000	5
	113 Benzyl Chloride	126	9.883	9.883	(1.025)	13210	5.00000	4
	114 1,4-Diethylbenzene	119	9.863	9.863	(2.261)	48534	5.00000	5
	115 n-Butylbenzene	91	9.902	9.902	(1.027)	113899	5.00000	6
	118 1,2,4,5-Tetramethylbenzene	119	10.563	10.563	(2.422)	87925	5.00000	5
	119 1,2-Dibromo-3-chloropropane	75	10.721	10.721	(1.111)	10574	5.00000	5
	120 Nitrobenzene	77	11.213	11.213	(1.162)	26952	50.0000	48
	121 1,2,4-Trichlorobenzene	180	11.312	11.312	(1.173)	33699	5.00000	6
	122 Hexachlorobutadiene	225	11.302	11.302	(1.172)	26097	5.00000	0.7(MH)
	123 Naphthalene	128	11.598	11.598	(1.202)	83251	5.00000	5
	124 1,2,3-Trichlorobenzene	180	11.756	11.756	(1.219)	30295	5.00000	5
$	125 Bromofluorobenzene	95	8.670	8.670	(0.899)	32779	5.00000	5
M	126 1,2-Dichloroethene (total)	100				88230	10.0000	10
M	127 Xylene (total)	100				149030	15.0000	15

QC Flag Legend

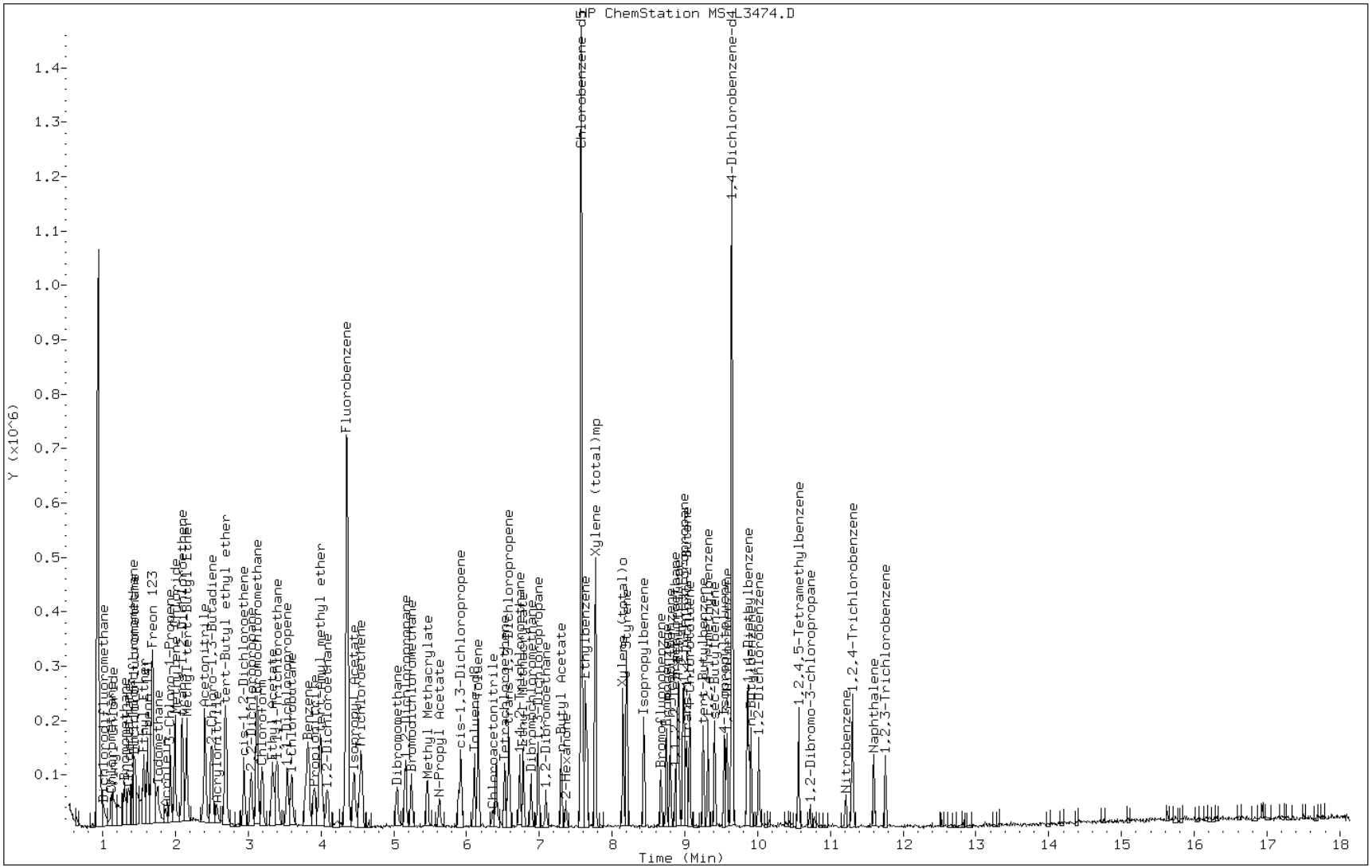
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: L3474.D

Date: 19-MAR-2009 17:20

Client ID: IC;5 Instrument: msl.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/24/2009

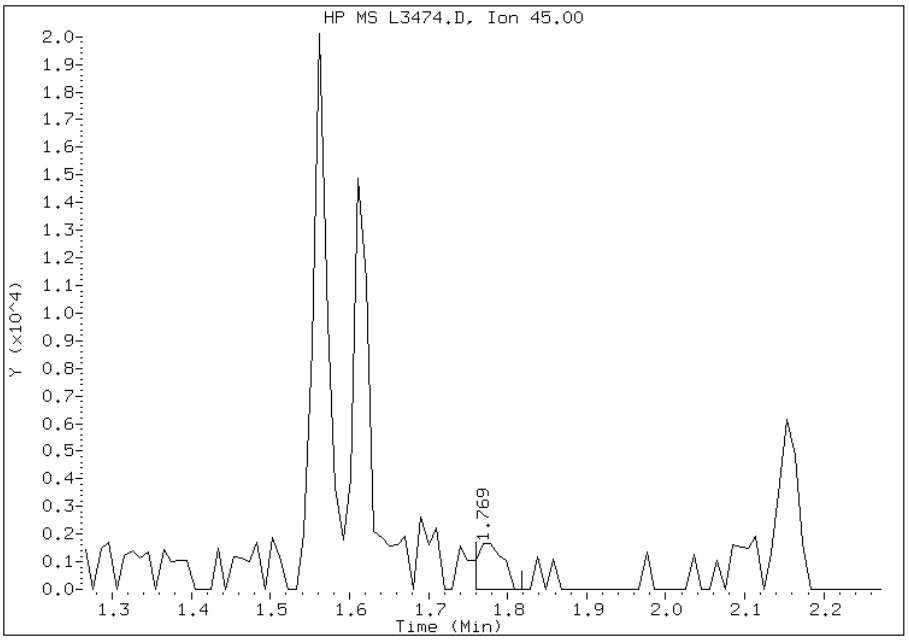
Processing Integration Results

RT: 1.77

Response: 3918

Amount: 7

Conc: 7



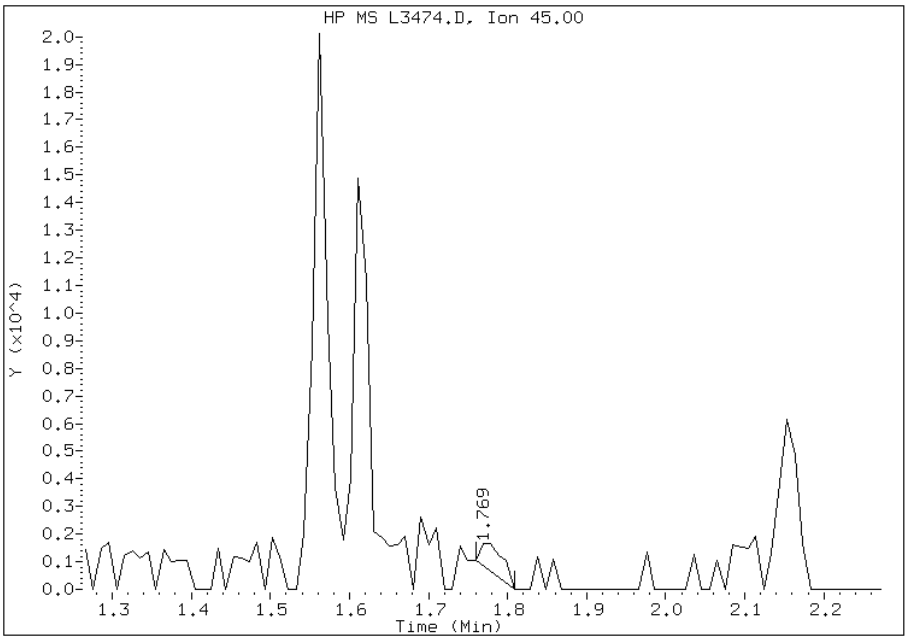
Manual Integration Results

RT: 1.77

Response: 2096

Amount: 12

Conc: 12



Manually Integrated By: barbara
Manual Integration Reason:

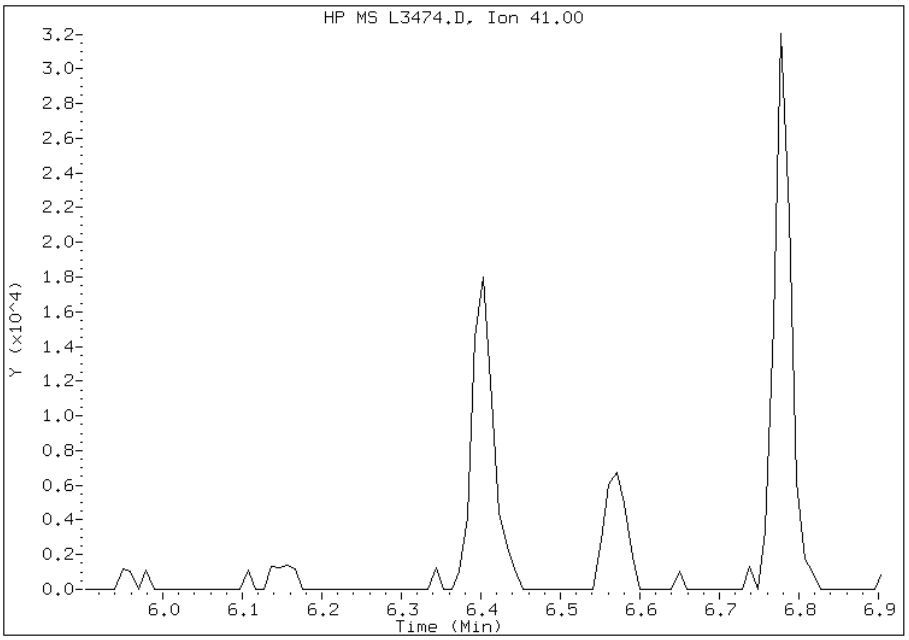
Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 03/24/2009

Processing Integration Results

Not Detected

Expected RT: 6.40



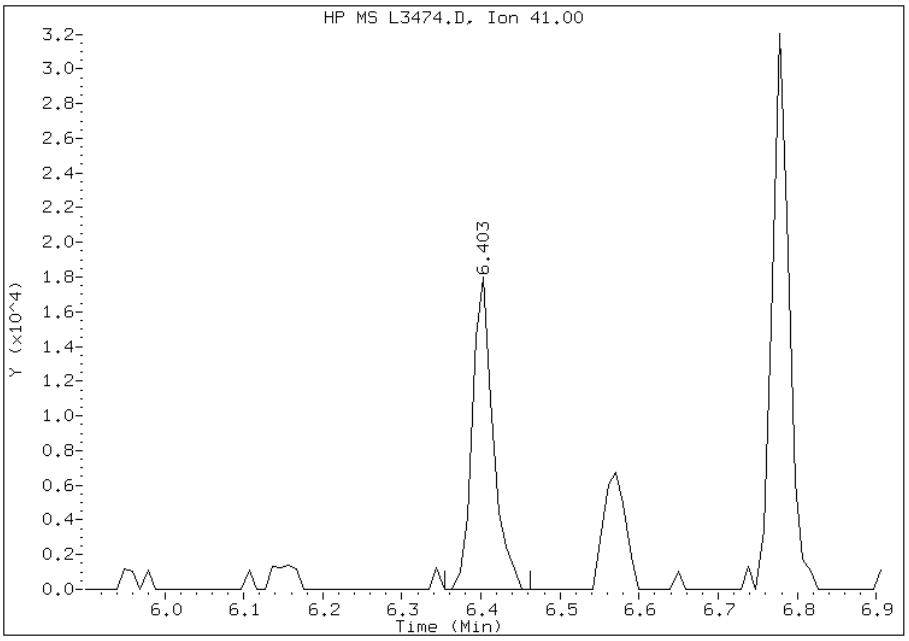
Manual Integration Results

RT: 6.40

Response: 33590

Amount: 11

Conc: 11



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 122 Hexachlorobutadiene
CAS #: 87-68-3
Report Date: 03/24/2009

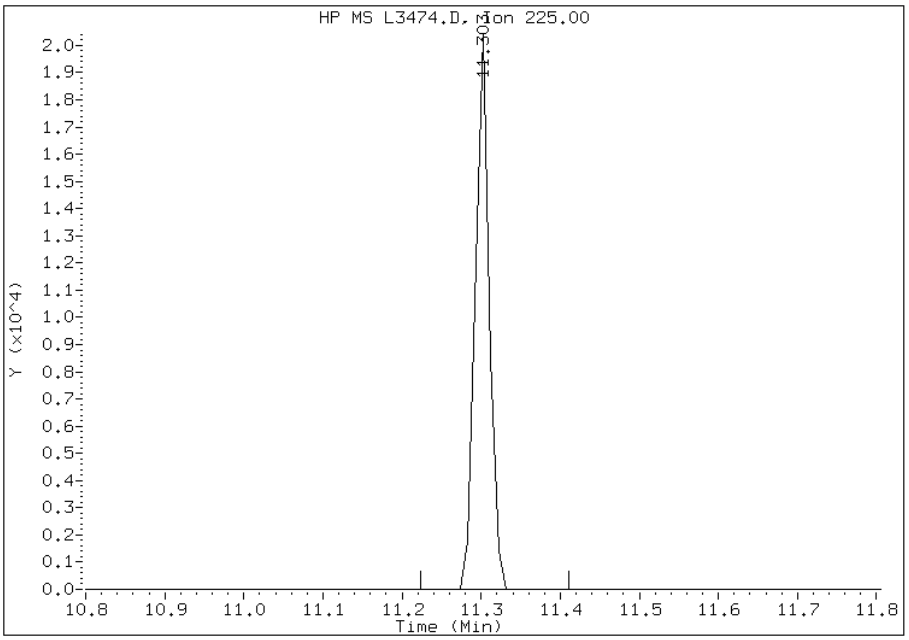
Processing Integration Results

RT: 11.30

Response: 26097

Amount: 1

Conc: 1



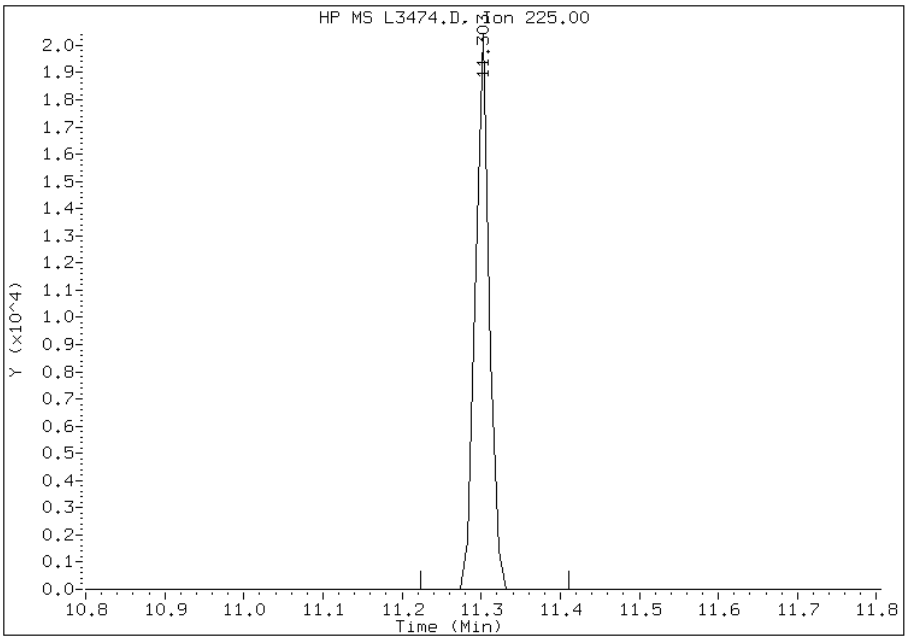
Manual Integration Results

RT: 11.30

Response: 26097

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

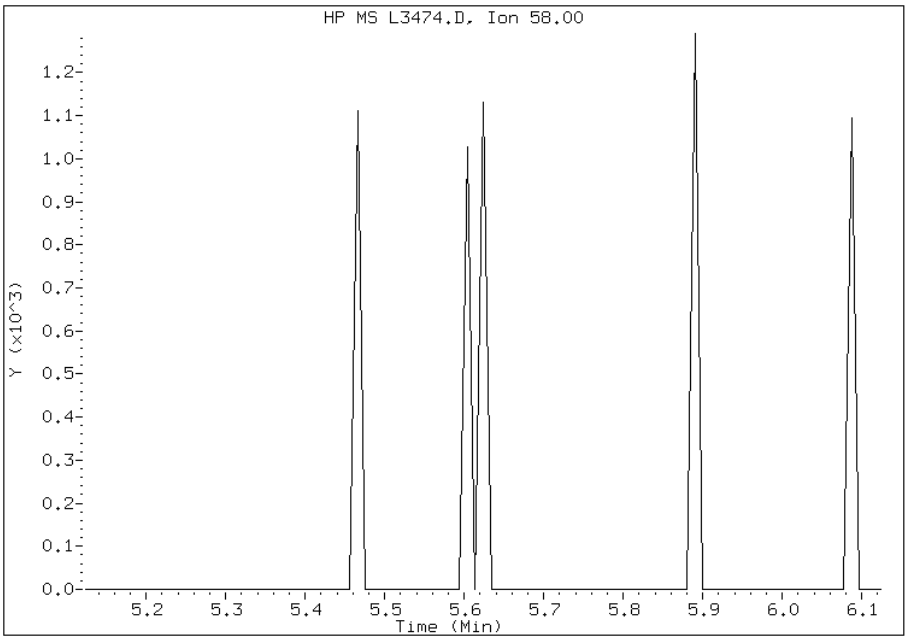
Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/24/2009

Processing Integration Results

Not Detected

Expected RT: 5.62



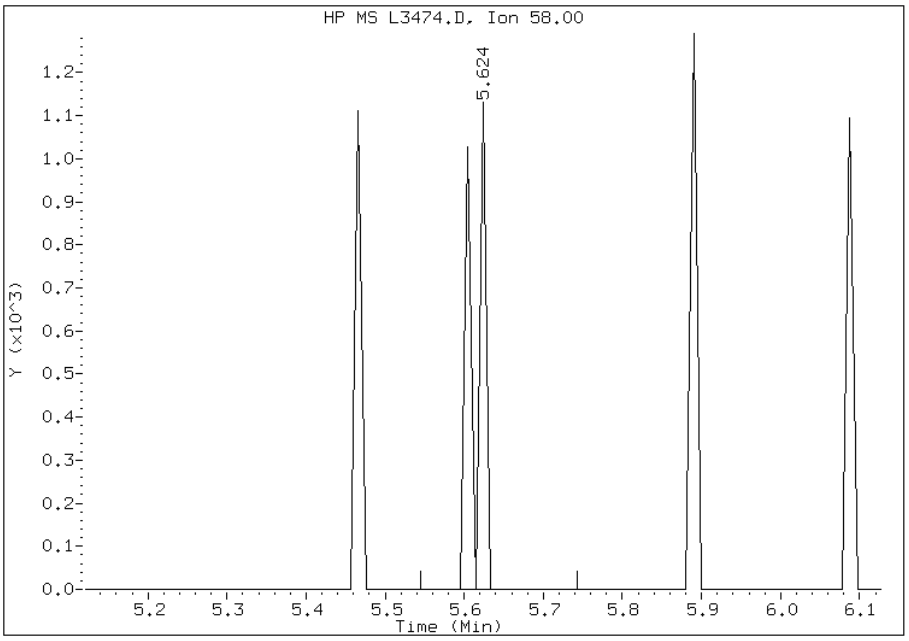
Manual Integration Results

RT: 5.62

Response: 1278

Amount: 90

Conc: 90



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/24/2009

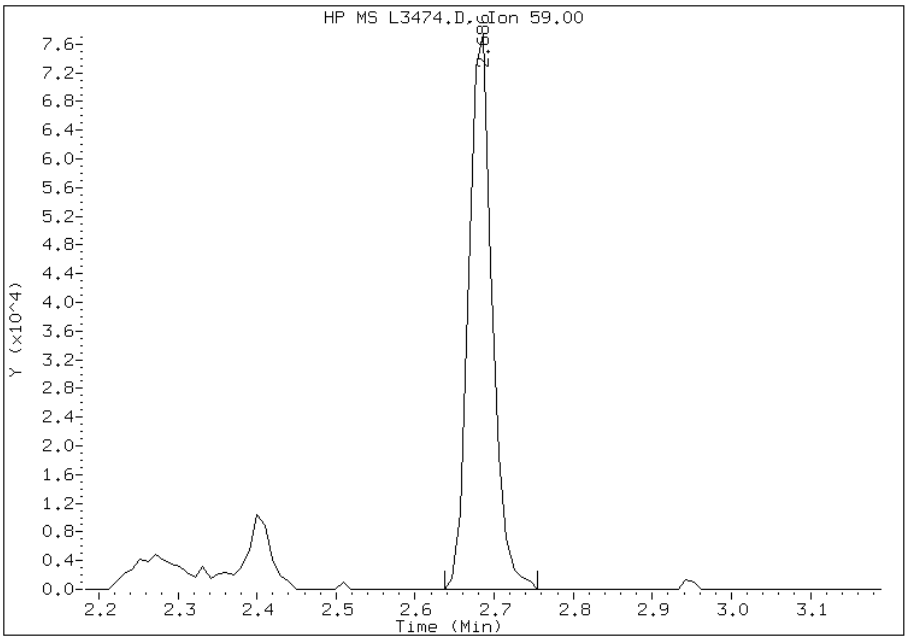
Processing Integration Results

RT: 2.69

Response: 164555

Amount: 28

Conc: 28



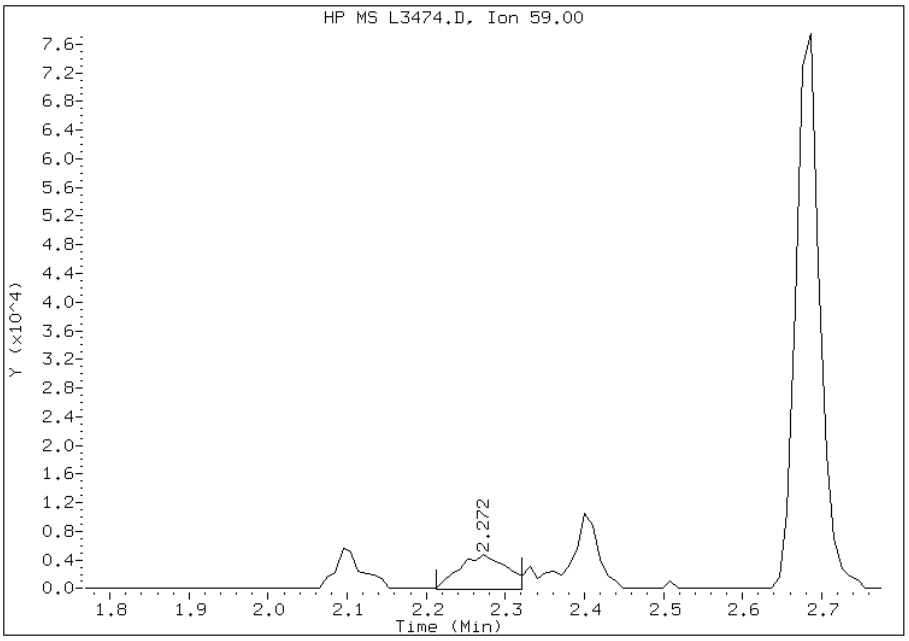
Manual Integration Results

RT: 2.27

Response: 20779

Amount: 28

Conc: 28



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 17 Acrolein
CAS #: 107-02-8
Report Date: 03/24/2009

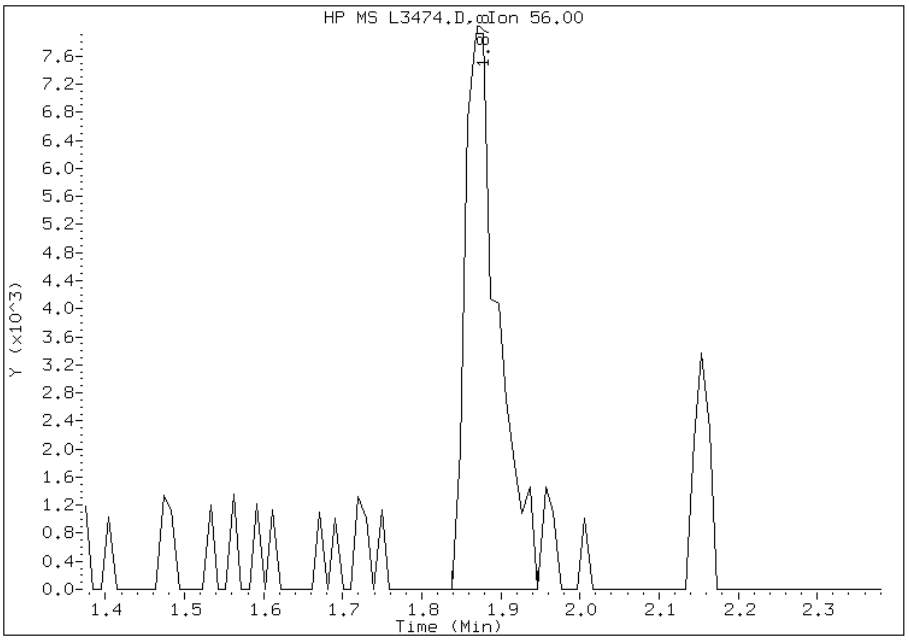
Processing Integration Results

RT: 1.88

Response: 23523

Amount: 24

Conc: 24



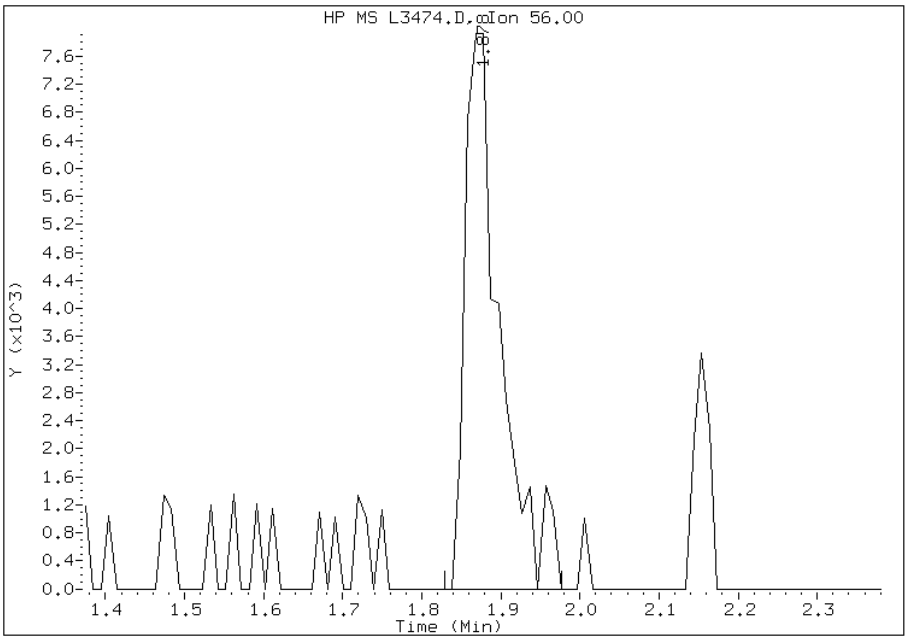
Manual Integration Results

RT: 1.88

Response: 25105

Amount: 25

Conc: 25



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 03/24/2009

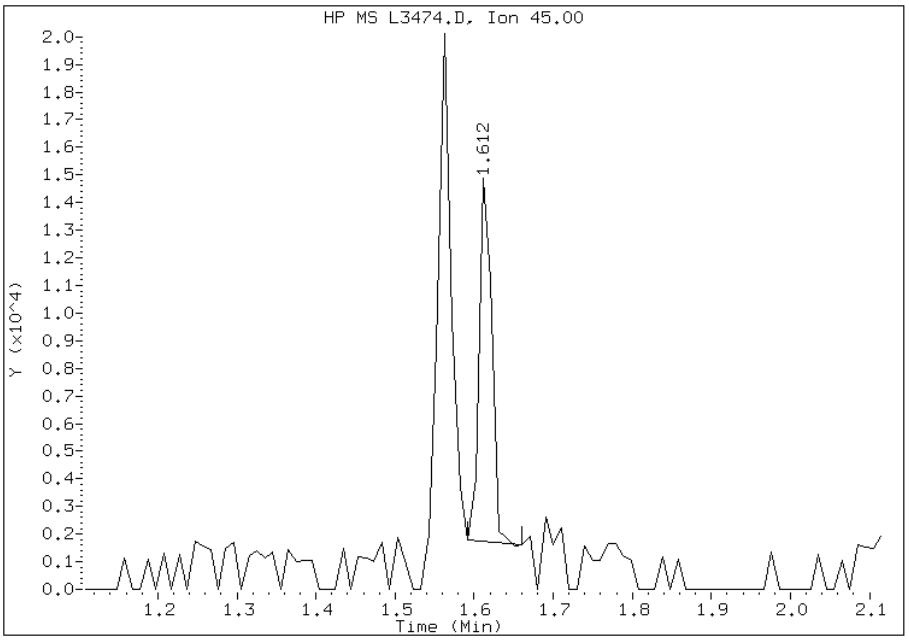
Processing Integration Results

RT: 1.61

Response: 14979

Amount: 61

Conc: 61



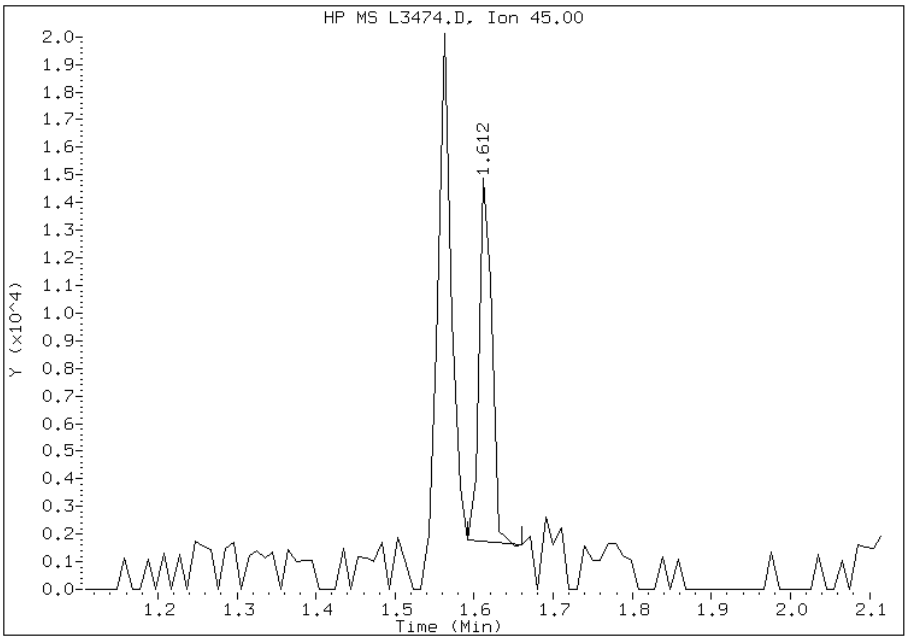
Manual Integration Results

RT: 1.61

Response: 14979

Amount: 61

Conc: 61



Manually Integrated By: barbara
Manual Integration Reason:

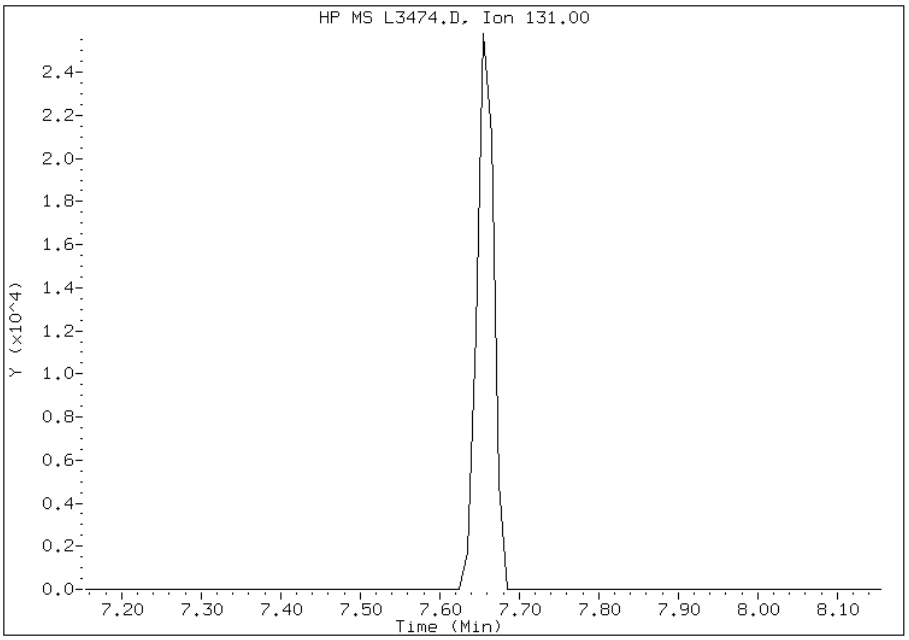
Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 89 1,1,1,2-Tetrachloroethane
CAS #: 630-20-6
Report Date: 03/24/2009

Processing Integration Results

Not Detected

Expected RT: 7.65



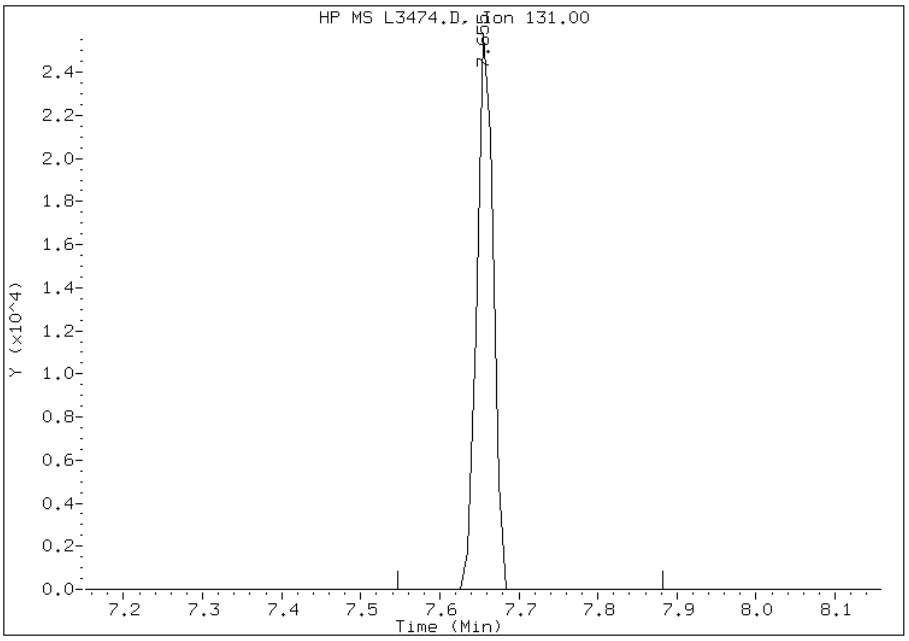
Manual Integration Results

RT: 7.65

Response: 38799

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: L3474.D
Inj. Date and Time: 19-MAR-2009 17:20
Instrument ID: msl.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 03/24/2009

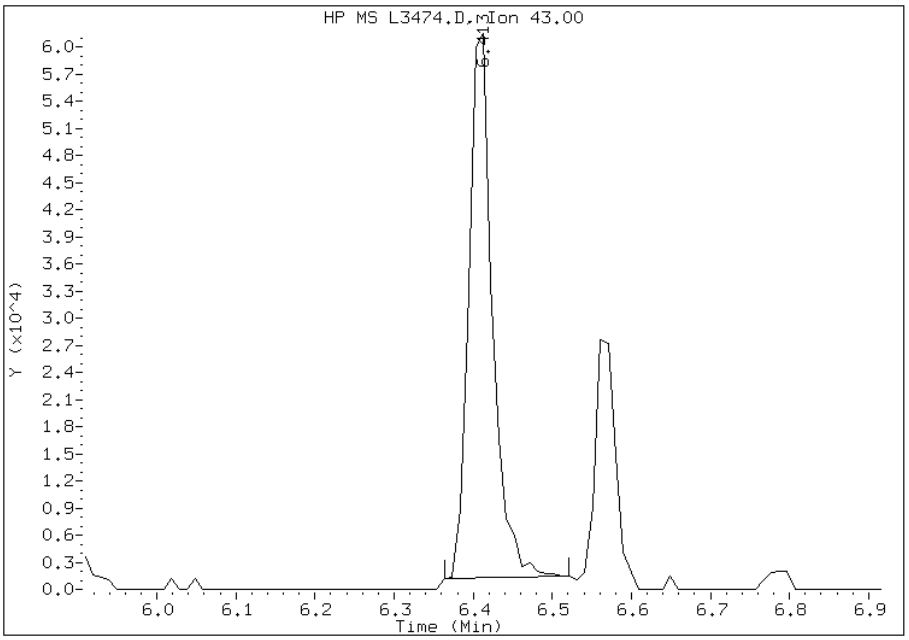
Processing Integration Results

RT: 6.41

Response: 128699

Amount: 25

Conc: 25



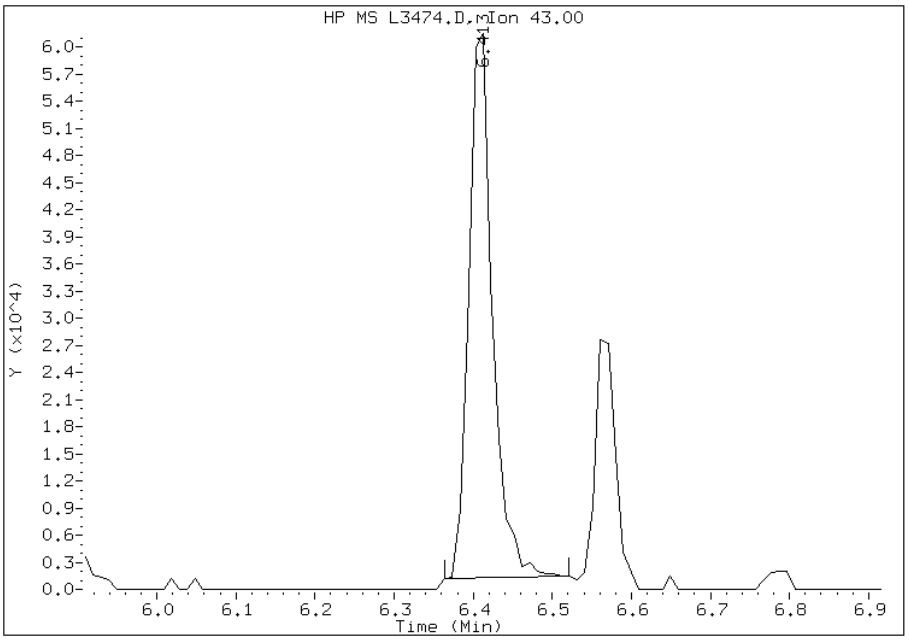
Manual Integration Results

RT: 6.41

Response: 128699

Amount: 25

Conc: 25



Manually Integrated By: barbara
Manual Integration Reason:

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-25447/5	V2726.D
Level 2	IC 220-25447/6	V2727.D
Level 3	IC 220-25447/1	V2718.D
Level 4	IC 220-25447/2	V2719.D
Level 5	IC 220-25447/3	V2720.D
Level 6	IC 220-25447/4	V2721.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachloroethane	0 0	0	0	0	0	Ave								15.0			
Pentachloroethane	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.0700 0.1246	0.0535	0.1445	0.1434	0.1245	Lin	-0.016	0.1245							0.9987		
Chloromethane	0.1860 0.1650	0.1414	0.1848	0.1143	0.1566	Lin	0.0601	0.1657							0.9957		
Vinyl chloride	0.1493 0.1459	0.1309	0.1516	0.1507	0.1414	Ave		0.1450				5.4		30.0			
Bromomethane	0.0450 0.0443	0.0351	0.0192	0.0179	0.0302	Qua	0.0533	39.002	-94.62						0.9953		
Chloroethane	0.0807 0.0551	0.0786	0.0872	0.0816	0.0656	Qua	0.0036	10.407	35.171						0.9998		
Trichlorofluoromethane	0.1672 0.1744	0.1398	0.2129	0.2135	0.1908	Lin	-0.055	0.1759							0.9965		
Dichlorofluoromethane	0.3055 0.2168	0.2341	0.2510	0.2481	0.2199	Ave		0.2459				13.2		15.0			
Ethyl ether	0.1308 0.1093	0.1238	0.1316	0.1264	0.1146	Ave		0.1228				7.3		15.0			
Ethanol	0.0081 0.0055	0.0054	0.0064	0.0065	0.0056	Lin	-0.456	0.0054							0.9987		
1,1-Dichloro-1-fluoroethane	0.2603 0.2431	0.2263	0.2820	0.2807	0.2411	Ave		0.2556				8.9		15.0			
1,1-Dichloroethene	0.1612 0.1520	0.1393	0.1688	0.1640	0.1488	Ave		0.1557				7.0		30.0			
Carbon disulfide	0.5760 0.5525	0.5015	0.6602	0.6405	0.5527	Ave		0.5806				10.3		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1090 0.1462	0.0887	0.1658	0.1640	0.1455	Lin	-0.015	0.1460							0.9992		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.0592 0.0343	0.0320	0.0367	0.0383	0.0340	Lin	-0.023	0.0341							0.9994		
Iodomethane	0.2216 0.1791	0.1496	0.0388	0.0846	0.1497	Qua	0.0929	7.4338	-2.782						0.9938		
Acrolein	0.0430 0.0408	0.0355	0.0412	0.0391	0.0409	Ave		0.0401				6.4		15.0			
3-Chloro-1-propene	0.2097 0.2532	0.1963	0.2506	0.2592	0.2454	Ave		0.2357				11.1		15.0			
Isopropyl alcohol	0.0234 0.0127	0.0117	0.0138	0.0116	0.0136	Lin	-0.005	0.0128							0.9983		
Methylene Chloride	+++++ 0.1999	0.3307	0.2437	0.2187	0.2019	Lin	-0.060	0.1970							0.9999		
Acetone	+++++ 0.0616	0.1370	0.0962	0.0698	0.0634	Lin	-0.118	0.0599							1.0000		
trans-1,2-Dichloroethene	0.1858 0.1935	0.1720	0.2022	0.2039	0.1877	Ave		0.1908				6.2		15.0			
Methyl acetate	0.5037 0.4940	0.4839	0.5169	0.5227	0.5009	Ave		0.5037				2.8		15.0			
Methyl tert-butyl ether	0.5983 0.6288	0.6100	0.6289	0.6486	0.6333	Ave		0.6246				2.9		15.0			
2-Methyl-2-propanol	0.0322 0.0221	0.0221	0.0203	0.0210	0.0203	Lin	0.1400	0.0220							0.9982		
Acetonitrile	0.0278 0.0256	0.0032	0.0258	0.0278	0.0247	Lin	0.1106	0.0256							0.9989		
Isopropyl ether	0.5675 0.6060	0.5644	0.6155	0.6328	0.6077	Ave		0.5990				4.6		15.0			
2-Chloro-1,3-butadiene	0.1321 0.1518	0.1136	0.1515	0.1605	0.1459	Ave		0.1426				11.9		15.0			
1,1-Dichloroethane	0.3161 0.3216	0.3017	0.3499	0.3390	0.3172	Ave		0.3242			0.1000	5.4		15.0			
Acrylonitrile	0.0963 0.0858	0.0827	0.0840	0.0873	0.0865	Ave		0.0871				5.5		15.0			
Tert-butyl ethyl ether	0.5970 0.6199	0.5551	0.6124	0.6354	0.6167	Ave		0.6061				4.6		15.0			
Vinyl acetate	0.3690 0.4697	0.3798	0.4427	0.4879	0.4695	Ave		0.4364				11.5		15.0			
cis-1,2-Dichloroethene	0.2270 0.2243	0.1984	0.2307	0.2331	0.2195	Ave		0.2221				5.7		15.0			
2,2-Dichloropropane	0.1930 0.2385	0.1652	0.2238	0.2420	0.2247	Ave		0.2146				13.9		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Bromopropane	0.2944 0.2505	0.2285	0.2731	0.2710	0.2471	Ave		0.2607				8.9		15.0			
Cyclohexane	0.1978 0.2255	0.1617	0.2576	0.2538	0.2217	Lin	-0.017	0.2245							0.9991		
Chlorobromomethane	0.1093 0.1094	0.1076	0.1185	0.1180	0.1105	Ave		0.1122				4.2		15.0			
Chloroform	0.3713 0.3320	0.3089	0.3401	0.3408	0.3261	Ave		0.3365				6.1		30.0			
Carbon tetrachloride	0.1637 0.2134	0.1528	0.1690	0.2010	0.1971	Ave		0.1828				13.2		15.0			
Tetrahydrofuran	0.0931 0.0744	0.0763	0.0700	0.0776	0.0751	Ave		0.0777				10.2		15.0			
Methyl acrylate	0.1624 0.1980	0.1651	0.1893	0.2021	0.1996	Ave		0.1861				9.6		15.0			
Ethyl acetate	0.0780 0.0889	0.0855	0.0909	0.0922	0.0901	Ave		0.0876				6.0		15.0			
tert-Butyl Formate	0 0.0092	0.0116	0.0091	0.0101	0.0091	Ave		0.0098				11.3		15.0			
1,1,1-Trichloroethane	0.2352 0.2650	0.2329	0.2676	0.2754	0.2549	Ave		0.2551				6.9		15.0			
1,1-Dichloropropene	0.2338 0.2440	0.2046	0.2567	0.2554	0.2365	Ave		0.2385				8.0		15.0			
2-Butanone (MEK)	+++++ 0.0839	0.0957	0.0872	0.0885	0.0851	Ave		0.0881				5.2		15.0			
1-Chlorobutane	0.2969 0.3429	0.2867	0.3722	0.3653	0.3342	Ave		0.3330				10.5		15.0			
Benzene	0.7515 0.7832	0.6985	0.8409	0.8263	0.7702	Ave		0.7784				6.7		15.0			
n-Heptane	0.1165 0.1389	0.0807	0.1617	0.1524	0.1337	Lin	-0.007	0.1381							0.9989		
Propionitrile	0.0282 0.0325	0.0319	0.0337	0.0344	0.0325	Ave		0.0322				6.7		15.0			
Methacrylonitrile	0.1129 0.1303	0.1212	0.1377	0.1279	0.1288	Ave		0.1265				6.7		15.0			
Isobutyl alcohol	0.0030 0.0023	0.0034	0.0029	0.0026	0.0024	Lin	-0.561	0.0023							0.9993		
Tert-amyl methyl ether	0.5321 0.6001	0.5340	0.5748	0.6067	0.5933	Ave		0.5735				5.8		15.0			
1,2-Dichloroethane	0.2502 0.2425	0.2439	0.2486	0.2476	0.2405	Ave		0.2456				1.5		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	0.1989 0.2556	0.2196	0.2398	0.2624	0.2595	Ave		0.2393				10.6		15.0			
Methylcyclohexane	0.1830 0.2298	0.1384	0.2434	0.2511	0.2228	Lin	-0.002	0.2291							0.9992		
Trichloroethene	0.1972 0.2109	0.1784	0.2151	0.2185	0.2051	Ave		0.2042				7.2		15.0			
Dibromomethane	0.1349 0.1338	0.1221	0.1318	0.1371	0.1314	Ave		0.1319				4.0		15.0			
n-Butanol	0.0046 0.0061	0.0040	0.0049	0.0054	0.0057	Lin	0.5260	0.0061							0.9988		
1,2-Dichloropropane	0.2044 0.2008	0.1894	0.2083	0.2083	0.2009	Ave		0.2020				3.5		30.0			
Dichlorobromomethane	0.2416 0.2603	0.2340	0.2424	0.2547	0.2524	Ave		0.2476				4.0		15.0			
1,4-Dioxane	0.0013 0.0017	0.0015	0.0020	0.0015	0.0016	Ave		0.0016				13.9		15.0			
Methyl methacrylate	0.1222 0.1680	0.1329	0.1549	0.1675	0.1655	Ave		0.1518				13.0		15.0			
n-Propyl acetate	0.0811 0.1085	0.0857	0.1023	0.1066	0.1070	Ave		0.0985				12.2		15.0			
2-Chloroethyl vinyl ether	0.1065 0.1221	0.0963	0.1193	0.1279	0.1224	Ave		0.1158				10.3		15.0			
cis-1,3-Dichloropropene	0.2569 0.3218	0.2620	0.3046	0.3249	0.3186	Ave		0.2981				10.3		15.0			
Toluene	0.9659 1.1289	0.9487	1.1841	1.1894	1.1237	Ave		1.0901				9.8		30.0			
Chloroacetonitrile	0.0039 0.0070	0.0042	0.0066	0.0071	0.0071	Lin	0.1087	0.0071							0.9999		
2-Nitropropane	0.0497 0.0538	0.0422	0.0442	0.0514	0.0521	Ave		0.0489				9.5		15.0			
1,1-Dichloroacetone	0.0949 0.1412	0.1007	0.1086	0.1337	0.1410	Lin	0.1447	0.1423							0.9999		
Tetrachloroethene	0.1935 0.2259	0.1725	0.2233	0.2302	0.2203	Ave		0.2110				10.8		15.0			
4-Methyl-2-pentanone (MIBK)	0.2249 0.2535	0.2108	0.2444	0.2612	0.2581	Ave		0.2422				8.3		15.0			
trans-1,3-Dichloropropene	0.2282 0.2991	0.2249	0.2715	0.2956	0.2941	Ave		0.2689				12.7		15.0			
1,1,2-Trichloroethane	0.1940 0.1907	0.1805	0.1924	0.1974	0.1922	Ave		0.1912				3.0		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.2920 0.4000	0.3000	0.3696	0.4024	0.4060	Ave		0.3616				14.5		15.0			
Chlorodibromomethane	0.2455 0.3077	0.2406	0.2618	0.2907	0.3037	Ave		0.2750				10.8		15.0			
1,3-Dichloropropane	0.4017 0.4568	0.4082	0.4697	0.4709	0.4639	Ave		0.4452				7.1		15.0			
Ethylene Dibromide	0.2425 0.2883	0.2448	0.2727	0.2859	0.2886	Ave		0.2705				8.0		15.0			
2-Hexanone	0.1682 0.1921	0.1722	0.1918	0.2139	0.1963	Ave		0.1891				8.9		15.0			
Chlorobenzene	0.6704 0.7608	0.6609	0.7867	0.7826	0.7576	Ave		0.7365			0.3000	7.6		15.0			
n-Butyl acetate	0.0990 0.1137	0.0870	0.1174	0.1210	0.1101	Ave		0.1080				11.8		15.0			
1-Chlorohexane	0.1983 0.3251	0.1852	0.2702	0.2836	0.3335	Lin	0.0371	0.3296							0.9991		
Ethylbenzene	0.3227 0.3935	0.3201	0.4032	0.4149	0.3900	Ave		0.3741				11.1		30.0			
1,1,1,2-Tetrachloroethane	0.1981 0.2748	0.2229	0.2588	0.2681	0.2672	Ave		0.2483				12.4		15.0			
m-Xylene & p-Xylene	0.3849 0.4757	0.3974	0.5043	0.5107	0.4810	Ave		0.4590				11.8		15.0			
o-Xylene	0.3897 0.4805	0.3877	0.4966	0.4987	0.4836	Ave		0.4561				11.6		15.0			
Bromoform	0.1552 0.2154	0.1611	0.1681	0.1947	0.2070	Ave		0.1836			0.1000	13.9		15.0			
Styrene	0.6568 0.8246	0.6409	0.8325	0.8651	0.8276	Ave		0.7746				12.7		15.0			
Isopropylbenzene	1.5345 1.9668	1.5255	2.0783	2.2142	1.9838	Lin	-0.018	1.9666							0.9993		
Bromobenzene	0.5666 0.6339	0.5494	0.6581	0.6863	0.6393	Ave		0.6223				8.6		15.0			
N-Propylbenzene	1.7645 2.2117	1.6800	2.3688	2.4824	2.2555	Lin	-0.020	2.2145							0.9993		
1,1,2,2-Tetrachloroethane	0.5623 0.6013	0.5747	0.6166	0.6604	0.6231	Ave		0.6064			0.3000	5.8		15.0			
2-Chlorotoluene	1.4091 1.6126	1.3872	1.7528	1.7924	1.6625	Ave		1.6028				10.7		15.0			
4-Ethyltoluene	1.4732 1.9325	1.4753	2.0573	2.1440	1.9636	Lin	-0.017	1.9346							0.9994		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.1959 0.2010	0.1954	0.2031	0.2224	0.2039	Ave		0.2036				4.8		15.0			
1,3,5-Trimethylbenzene	1.2153 1.6480	1.2825	1.7402	1.7825	1.6576	Lin	-0.011	1.6484							0.9997		
trans-1,4-Dichloro-2-butene	0.0973 0.1274	0.0988	0.1140	0.1293	0.1252	Ave		0.1153				12.5		15.0			
4-Chlorotoluene	1.3257 1.5601	1.3330	1.6427	1.7048	1.5848	Ave		1.5252				10.5		15.0			
tert-Butylbenzene	0.9958 1.3787	1.0069	1.4088	1.4676	1.3738	Lin	-0.003	1.3791							0.9997		
1,2,4-Trimethylbenzene	1.2789 1.6994	1.3412	1.7536	1.8172	1.7287	Ave		1.6032				14.4		15.0			
sec-Butylbenzene	1.3406 1.8592	1.2984	1.9315	1.9927	1.8737	Lin	-0.007	1.8622							0.9997		
4-Isopropyltoluene	1.0668 1.6466	1.1226	1.6742	1.7226	1.6738	Lin	-0.002	1.6531							0.9998		
1,3-Dichlorobenzene	0.9481 1.0638	0.9247	1.1131	1.0968	1.0701	Ave		1.0361				7.7		15.0			
1,4-Dichlorobenzene	0.9827 1.1055	0.9701	1.1468	1.1235	1.1066	Ave		1.0725				7.1		15.0			
p-Diethylbenzene	0.5988 0.9623	0.6072	0.9206	0.9486	0.9567	Lin	0.0158	0.9659							1.0000		
Benzyl chloride	0.1798 0.2806	0.1732	0.2240	0.2636	0.2780	Lin	0.0323	0.2826							0.9999		
n-Butylbenzene	0.9720 1.4203	0.9935	1.4301	1.4454	1.4077	Lin	0.0067	1.4218							0.9999		
1,2-Dichlorobenzene	0.9501 1.0787	0.9756	1.1023	1.0787	1.0802	Ave		1.0442				6.1		15.0			
1,2,4,5-Tetramethylbenzene	1.0674 1.7332	1.1116	1.6419	1.7083	1.7467	Lin	0.0137	1.7429							0.9999		
1,2-Dibromo-3-Chloropropane	0.1071 0.1236	0.1086	0.1127	0.1122	0.1225	Ave		0.1144				6.1		15.0			
Nitrobenzene	0.0268 0.0616	0.0251	0.0285	0.0393	0.0542	Lin	1.2983	0.0625							0.9941		
Hexachlorobutadiene	0.4741 0.3643	0.2496	0.3346	0.3390	0.3471	Lin	0.0298	0.3639							0.9994		
1,2,4-Trichlorobenzene	0.6673 0.8200	0.6205	0.7865	0.7758	0.8118	Ave		0.7470				11.1		15.0			
Naphthalene	2.0098 2.2579	1.9536	2.3979	2.3272	2.3783	Ave		2.2208				8.7		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.6527 0.8052	0.6263	0.7990	0.7708	0.8012	Ave		0.7425				10.9		15.0			
Dibromofluoromethane	0.2321 0.2394	0.2300	0.2458	0.2477	0.2369	Ave		0.2387				3.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2661 0.2548	0.2594	0.2633	0.2634	0.2519	Ave		0.2598				2.1		15.0			
Toluene-d8 (Surr)	1.0719 1.2156	1.0310	1.2908	1.2800	1.2200	Ave		1.1849				9.2		15.0			
4-Bromofluorobenzene	0.7875 0.8535	0.7671	0.8849	0.9337	0.8635	Ave		0.8484				7.3		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-25447/5	V2726.D
Level 2	IC 220-25447/6	V2727.D
Level 3	IC 220-25447/1	V2718.D
Level 4	IC 220-25447/2	V2719.D
Level 5	IC 220-25447/3	V2720.D
Level 6	IC 220-25447/4	V2721.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Pentachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Lin	2787 1044410	8549	61624	243430	529880	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Lin	7403 1383820	22604	78838	193983	666822	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Ave	5942 1223060	20938	64668	255873	601917	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Qua	1792 371832	5619	8169	30409	128362	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Qua	3213 462091	12571	37179	138584	279183	0.500 100	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Lin	6655 1462520	22353	90793	362397	812354	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	12159 1818240	37433	107055	421219	936072	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Ave	5206 916608	19798	56142	214670	488007	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Lin	3240 458142	8617	27335	109993	239643	5.00 1000	20.0	50.0	200	500
1,1-Dichloro-1-fluoroethane	FB	Ave	10361 2038430	36185	120291	476598	1026500	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	6416 1274570	22279	71998	278496	633255	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Ave	22926 4632770	80192	281569	1087420	2352830	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Lin	4340 1226110	14178	70700	278433	619585	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Lin	2356 287886	5124	15652	65036	144569	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Iodomethane	FB	Qua	8819 1501410	23927	16552	143687	637140	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Ave	8549 1709100	28385	87928	331691	871203	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Ave	8344 2123130	31390	106874	440102	1044520	0.500 100	2.00	5.00	20.0	50.0
Isopropyl alcohol	FB	Lin	933 106241	1866	5898	19757	57690	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Lin	+++++ 1676280	52879	103953	371268	859583	+++++ 100	2.00	5.00	20.0	50.0
Acetone	FB	Lin	+++++ 516633	21906	41044	118453	270092	+++++ 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	7393 1622330	27503	86236	346097	799226	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	20046 4142780	77375	220485	887395	2132380	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	23811 5272730	97541	268256	1101160	2696000	0.500 100	2.00	5.00	20.0	50.0
2-Methyl-2-propanol	FB	Lin	6408 928612	17682	43242	177860	431416	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Lin	11077 2142600	5194	110174	471704	1050790	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Ave	22586 5081360	90255	262512	1074340	2586840	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	5259 1273010	18164	64633	272543	620934	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	12579 2696870	48249	149234	575522	1350120	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Ave	7668 1438250	26448	71696	296280	736575	1.00 200	4.00	10.0	40.0	100
Tert-butyl ethyl ether	FB	Ave	23760 5198250	88768	261180	1078760	2625420	0.500 100	2.00	5.00	20.0	50.0
Vinyl acetate	FB	Ave	14685 3938630	60737	188806	828413	1998720	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	9033 1880760	31719	98393	395764	934392	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	7681 1999960	26423	95469	410905	956683	0.500 100	2.00	5.00	20.0	50.0
1-Bromopropane	FB	Ave	11716 2100390	36545	116462	460057	1051730	0.500 100	2.00	5.00	20.0	50.0
Cyclohexane	FB	Lin	7872 1891150	25853	109872	430938	943861	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	4350 917512	17212	50522	200322	470329	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	14778 2783960	49402	145075	578538	1388240	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	6516 1789190	24440	72069	341257	838858	0.500 100	2.00	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	7408 1248490	24399	59736	263405	639090	1.00 200	4.00	10.0	40.0	100
Methyl acrylate	FB	Ave	6462 1660260	26409	80722	343083	849652	0.500 100	2.00	5.00	20.0	50.0
Ethyl acetate	FB	Ave	6209 1491340	27341	77503	313165	767254	1.00 200	4.00	10.0	40.0	100
tert-Butyl Formate	FB	Ave	0 76975	1860	3869	17218	38575	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	9359 2222250	37238	114119	467504	1085040	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	9304 2046000	32713	109482	433673	1006590	0.500 100	2.00	5.00	20.0	50.0
2-Butanone (MEK)	FB	Ave	+++++ 703672	15306	37180	150285	362363	+++++ 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Ave	11816 2875350	45853	158771	620185	1422690	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	29909 6567250	111699	358659	1402950	3278660	0.500 100	2.00	5.00	20.0	50.0
n-Heptane	FB	Lin	4636 1164460	12899	68976	258716	569275	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	11210 2723110	51026	143698	584043	1382350	5.00 1000	20.0	50.0	200	500
Methacrylonitrile	FB	Ave	4492 1092480	19382	58721	217201	548123	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Lin	1182 192159	5474	12358	44667	101031	5.00 1000	20.0	50.0	200	500
Tert-amyl methyl ether	FB	Ave	21178 5032170	85395	245180	1030010	2525530	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	9957 2033470	39007	106040	420428	1024030	0.500 100	2.00	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	15833 4286690	70237	204519	891038	2209130	1.00 200	4.00	10.0	40.0	100
Methylcyclohexane	FB	Lin	7285 1927170	22134	103834	426400	948632	0.500 100	2.00	5.00	20.0	50.0
Trichloroethene	FB	Ave	7847 1768810	28532	91758	371046	873163	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	5368 1122140	19527	56215	232834	559218	0.500 100	2.00	5.00	20.0	50.0
n-Butanol	FB	Lin	1814 511364	6384	20925	90936	241610	5.00 1000	20.0	50.0	200	500
1,2-Dichloropropane	FB	Ave	8134 1683960	30295	88854	353721	855442	0.500 100	2.00	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	9617 2182650	37418	103404	432414	1074420	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Ave	514 141097	2442	8355	25524	69166	5.00 1000	20.0	50.0	200	500
Methyl methacrylate	FB	Ave	4863 1409010	21255	66084	284417	704411	0.500 100	2.00	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	6456 1819690	27395	87288	361849	910775	1.00 200	4.00	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	4238 1024110	15406	50902	217075	521265	0.500 100	2.00	5.00	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	10225 2698350	41902	129906	551618	1356310	0.500 100	2.00	5.00	20.0	50.0
Toluene	CBZ	Ave	28746 6816440	113278	371935	1475800	3407940	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Lin	1567 590006	6686	27981	121219	302332	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Ave	3957 902505	13492	37670	174403	443532	1.00 200	4.00	10.0	40.0	100
1,1-Dichloroacetone	CBZ	Lin	14120 4263650	60146	170586	829712	2138580	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Ave	5759 1363880	20600	70141	285641	668138	0.500 100	2.00	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	6693 1530670	25168	76764	324104	782916	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Ave	9083 2507940	35970	115805	501915	1251910	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	7722 1599310	28862	82082	335228	818181	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	8689 2415180	35817	116082	499334	1231280	0.500 100	2.00	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	7305 1858140	28727	82234	360651	921004	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	11954 2758400	48736	147526	584230	1406970	0.500 100	2.00	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	7218 1740840	29227	85649	354684	875383	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Hexanone	CBZ	Ave	5007 1159770	20566	60250	265369	595204	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	19951 4594120	78910	247114	970997	2297520	0.500 100	2.00	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	2947 686609	10387	36868	150090	333969	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Lin	5903 1962910	22114	84878	351843	1011560	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	9605 2375850	38221	126658	514802	1182700	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	5896 1659240	26615	81274	332646	810458	0.500 100	2.00	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Ave	22909 5744730	94895	316782	1267340	2917590	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Ave	11599 2901420	46291	155973	618820	1466740	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Ave	4619 1300660	19239	52789	241590	627911	0.500 100	2.00	5.00	20.0	50.0
Styrene	CBZ	Ave	19548 4979280	76519	261470	1073360	2510100	0.500 100	2.00	5.00	20.0	50.0
Isopropylbenzene	DCB	Lin	24225 6299350	95699	340907	1375140	3154530	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	8944 2030400	34464	107949	426234	1016530	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Lin	27856 7083410	105390	388556	1541690	3586550	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	8877 1925830	36054	101138	410155	990796	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	22245 5164710	87025	287511	1113160	2643610	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Lin	23257 6189210	92553	337464	1331510	3122350	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	3093 643916	12261	33322	138108	324222	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Lin	19186 5278130	80457	285446	1106990	2635820	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	3072 815898	12400	37408	160631	398307	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Ave	20929 4996670	83624	269453	1058760	2519960	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Lin	15720 4415690	63167	231096	911453	2184530	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	DCB	Ave	20189 5442750	84140	287647	1128600	2748800	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Lin	21164 5954490	81451	316828	1237550	2979400	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Lin	16841 5273570	70424	274621	1069820	2661490	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	14968 3407080	58011	182586	681143	1701610	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	15514 3540540	60860	188119	697747	1759680	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Lin	9453 3082110	38090	151016	589127	1521260	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Lin	2839 898749	10865	36748	163685	442039	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Lin	15345 4548860	62323	234578	897680	2238350	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	14999 3454680	61201	180808	669900	1717710	0.500 100	2.00	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Lin	16850 5551130	69734	269330	1060910	2777480	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1690 395951	6814	18487	69663	194719	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Lin	4225 1974410	15775	46749	243931	862643	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Lin	7485 1166700	15660	54884	210547	551872	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	10534 2626310	38929	129009	481826	1290940	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Ave	31728 7231690	122553	393333	1445310	3781860	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	10304 2578940	39289	131066	478691	1273940	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	9239 2007330	36781	104857	420549	1008690	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	10589 2136190	41476	112283	447271	1072320	0.500 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	31902 7340250	123106	405422	1588210	3699920	0.500 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	12432 2733430	48125	145151	579889	1373010	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25447

SDG No.: 220-8385

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/23/2009 13:26 Calibration End Date: 03/23/2009 18:11 Calibration ID: 3317

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V2718.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 23-MAR-2009 13:26 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V8260LOW.m
Meth Date : 24-Mar-2009 10:13 msv.i Quant Type: ISTD
Cal Date : 23-MAR-2009 18:11 Cal File: V2727.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.701	4.701	(1.000)	2132601	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.199)	61624	5.00000	5
3	Chloromethane	50	1.055	1.055	(0.225)	78838	5.00000	7
4	Vinyl Chloride	62	1.082	1.082	(0.230)	64668	5.00000	5(M)
5	Bromomethane	94	1.264	1.264	(0.269)	8169	5.00000	5(M)
6	Chloroethane	64	1.333	1.333	(0.284)	37179	5.00000	5(M)
7	Trichlorofluoromethane	101	1.418	1.418	(0.302)	90793	5.00000	5
8	Dichlorofluoromethane	67	1.450	1.450	(0.309)	107055	5.00000	5(M)
9	Ethyl Ether	45	1.605	1.605	(0.342)	56142	5.00000	5
10	Ethanol	45	1.658	1.658	(0.353)	27335	50.0000	47
11	Freon 141	81	1.658	1.658	(0.353)	120291	5.00000	6
12	Freon 123	67	1.765	1.765	(0.376)	15652	5.00000	5
13	Trichlorotrifluoroethane	101	1.755	1.755	(0.373)	70700	5.00000	5
14	1,1-Dichloroethene	96	1.728	1.728	(0.368)	71998	5.00000	5
15	Carbon Disulfide	76	1.739	1.739	(0.370)	281569	5.00000	6
16	Iodomethane	142	1.813	1.813	(0.386)	16552	5.00000	4
17	Acrolein	56	1.952	1.952	(0.415)	87928	25.0000	26
18	2-Propanol	45	2.080	2.080	(0.443)	5898	5.00000	5(M)
19	3-Chloro-1-Propene	41	2.048	2.048	(0.436)	106874	5.00000	5
20	Methylene Chloride	84	2.123	2.123	(0.452)	103953	5.00000	5
21	Acetone	43	2.165	2.165	(0.461)	41044	5.00000	5
22	trans-1,2-Dichloroethene	96	2.251	2.251	(0.479)	86236	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.267	2.267	(0.482)	220485	5.00000	5
	24 Methyl tert-Butyl Ether	73	2.342	2.342	(0.498)	268256	5.00000	5
	25 tert-Butyl alcohol	59	2.432	2.432	(0.518)	43242	25.0000	26(M)
	26 Acetonitrile	41	2.534	2.534	(0.539)	110174	50.0000	53(M)
	27 Isopropyl ether	45	2.689	2.689	(0.572)	262512	5.00000	5
	28 tert-Butyl ethyl ether	59	3.046	3.046	(0.648)	261180	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.758	2.758	(0.587)	64633	5.00000	5
	30 Acrylonitrile	53	2.817	2.817	(0.599)	71696	10.0000	10
	31 1,1-Dichloroethane	63	2.774	2.774	(0.590)	149234	5.00000	5
	32 Vinyl Acetate	43	3.051	3.051	(0.649)	188806	5.00000	5
	33 cis-1,2-Dichloroethene	96	3.318	3.318	(0.706)	98393	5.00000	5
	34 2,2-Dichloropropane	77	3.430	3.430	(0.730)	95469	5.00000	5
	35 Bromochloromethane	128	3.526	3.526	(0.750)	50522	5.00000	5
	36 1-Bromopropane	43	3.505	3.505	(0.746)	116462	5.00000	5
	37 Cyclohexane	84	3.521	3.521	(0.749)	109872	5.00000	5
	38 Chloroform	83	3.628	3.628	(0.772)	145075	5.00000	5
	39 Ethyl Acetate	43	3.793	3.793	(0.807)	77503	10.0000	10
	40 Methyl Acrylate	55	3.783	3.783	(0.805)	80722	5.00000	5
$	41 Dibromofluoromethane	111	3.815	3.815	(0.812)	104857	5.00000	5
	42 Tetrahydrofuran	42	3.777	3.777	(0.804)	59736	10.0000	9
	43 Carbon Tetrachloride	117	3.751	3.751	(0.798)	72069	5.00000	5
	44 1,1,1-Trichloroethane	97	3.820	3.820	(0.813)	114119	5.00000	5
	45 2-Butanone	43	3.959	3.959	(0.842)	37180	5.00000	5
	46 1,1-Dichloropropene	75	3.964	3.964	(0.843)	109482	5.00000	5
	47 tert-Amyl methyl ether	73	4.407	4.407	(0.938)	245180	5.00000	5
	48 tert-Butyl formate	57	4.583	4.583	(0.975)	3869	5.00000	5
	49 1-Chlorobutane	56	4.028	4.028	(0.857)	158771	5.00000	6
	50 Heptane	43	4.252	4.252	(0.905)	68976	5.00000	6
	51 Propionitrile	54	4.258	4.258	(0.906)	143698	50.0000	52
	52 Benzene	78	4.226	4.226	(0.899)	358659	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	4.290	4.290	(0.913)	58721	5.00000	5(M)
	54 Isobutyl alcohol	42	4.402	4.402	(0.936)	12358	50.0000	50
$	55 1,2-Dichloroethane-d4	65	4.375	4.375	(0.931)	112283	5.00000	5
	56 1,2-Dichloroethane	62	4.450	4.450	(0.947)	106040	5.00000	5
	59 Methyl Cyclohexane	83	4.866	4.866	(1.035)	103834	5.00000	5
	60 Trichloroethene	130	4.887	4.887	(1.040)	91758	5.00000	5
	61 Isopropyl Acetate	43	4.823	4.823	(1.026)	204519	10.0000	10
	62 n-Butanol	56	5.389	5.389	(1.146)	20925	50.0000	53
	63 Dibromomethane	93	5.346	5.346	(1.137)	56215	5.00000	5
	64 1,2-Dichloropropane	63	5.469	5.469	(1.163)	88854	5.00000	5
	65 Bromodichloromethane	83	5.576	5.576	(1.186)	103404	5.00000	5
	66 Methyl Methacrylate	69	5.827	5.827	(1.240)	66084	5.00000	5
	67 1,4-Dioxane	58	5.816	5.816	(1.237)	8355	50.0000	61
	68 n-Propyl Acetate	43	6.013	6.013	(1.279)	87288	10.0000	10
	69 2-Chloroethylvinylether	63	6.302	6.302	(1.341)	50902	5.00000	5
	70 cis-1,3-Dichloropropene	75	6.323	6.323	(1.345)	129906	5.00000	5
	71 Chloroacetonitrile	48	6.814	6.814	(1.450)	27981	50.0000	49
	72 2-Nitropropane	41	6.873	6.873	(1.462)	37670	10.0000	9
	73 trans-1,3-Dichloropropene	75	7.134	7.134	(1.518)	115805	5.00000	5
	74 1,1,2-Trichloroethane	97	7.316	7.316	(1.556)	82082	5.00000	5
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1570484	25.0000	
	76 Toluene	91	6.600	6.600	(0.782)	371935	5.00000	5
$	77 Toluene-d8	98	6.542	6.542	(0.775)	405422	5.00000	5
	78 1,1-Dichloro-2-propanone	43	6.894	6.894	(0.817)	170586	25.0000	23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	76764	5.00000	5
80	Tetrachloroethene	164	7.054	7.054	(0.836)	70141	5.00000	5
81	Ethyl Methacrylate	69	7.412	7.412	(0.878)	116082	5.00000	5
82	Dibromochloromethane	129	7.513	7.513	(0.890)	82234	5.00000	5
83	1,3-Dichloropropane	76	7.636	7.636	(0.905)	147526	5.00000	5
84	1,2-Dibromoethane	107	7.759	7.759	(0.919)	85649	5.00000	5
85	n-Butyl Acetate	56	8.516	8.516	(1.009)	36868	5.00000	5(M)
86	2-Hexanone	43	8.175	8.175	(0.968)	60250	5.00000	5
87	1-Chlorohexane	91	8.522	8.522	(1.009)	84878	5.00000	5(M)
88	Chlorobenzene	112	8.458	8.458	(1.002)	247114	5.00000	5
89	1,1,1,2-Tetrachloroethane	131	8.570	8.570	(1.015)	81274	5.00000	5
90	Ethylbenzene	106	8.548	8.548	(1.013)	126658	5.00000	5
91	Xylene (total)mp	106	8.746	8.746	(1.036)	316782	10.0000	11
92	Xylene (total)o	106	9.280	9.280	(1.099)	155973	5.00000	5
93	Styrene	104	9.349	9.349	(1.107)	261470	5.00000	5
94	Bromoform	173	9.328	9.328	(1.105)	52789	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	820169	25.0000	
96	Isopropylbenzene	105	9.658	9.658	(0.882)	340907	5.00000	5
97	Bromobenzene	156	9.995	9.995	(0.913)	107949	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	10.171	10.171	(0.929)	101138	5.00000	5
99	4-Ethyltoluene	105	10.203	10.203	(0.932)	337464	5.00000	5
100	1,2,3-Trichloropropane	110	10.262	10.262	(0.938)	33322	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	10.326	10.326	(0.943)	37408	10.0000	10
102	n-Propylbenzene	91	10.085	10.085	(0.921)	388556	5.00000	5
103	2-Chlorotoluene	91	10.198	10.198	(0.932)	287511	5.00000	5
104	4-Chlorotoluene	91	10.363	10.363	(0.947)	269453	5.00000	5
105	1,3,5-Trimethylbenzene	105	10.294	10.294	(0.941)	285446	5.00000	5
106	tert-Butylbenzene	119	10.571	10.571	(0.966)	231096	5.00000	5
107	1,2,4-Trimethylbenzene	105	10.635	10.635	(0.972)	287647	5.00000	5
108	sec-Butylbenzene	105	10.726	10.726	(0.980)	316828	5.00000	5
109	4-Isopropyltoluene	119	10.870	10.870	(0.993)	274621	5.00000	5
110	1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	182586	5.00000	5
111	1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	188119	5.00000	5
112	1,2-Dichlorobenzene	146	11.292	11.292	(1.032)	180808	5.00000	5
113	Benzyl Chloride	126	11.174	11.174	(1.021)	36748	5.00000	5
114	1,4-Diethylbenzene	119	11.169	11.169	(1.020)	151016	5.00000	5
115	n-Butylbenzene	91	11.212	11.212	(1.024)	234578	5.00000	5(H)
118	1,2,4,5-Tetramethylbenzene	119	11.799	11.799	(1.078)	269330	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	18487	5.00000	5
120	Nitrobenzene	77	12.322	12.322	(1.126)	46749	50.0000	55
121	1,2,4-Trichlorobenzene	180	12.412	12.412	(1.134)	129009	5.00000	5
122	Hexachlorobutadiene	225	12.412	12.412	(1.134)	54884	5.00000	5
123	Naphthalene	128	12.642	12.642	(1.155)	393333	5.00000	5
124	1,2,3-Trichlorobenzene	180	12.770	12.770	(1.167)	131066	5.00000	5
$ 125	Bromofluorobenzene	95	9.920	9.920	(0.906)	145151	5.00000	5
M 126	1,2-Dichloroethene (total)	100				184629	10.0000	10
M 127	Xylene (total)	100				472755	15.0000	16

QC Flag Legend

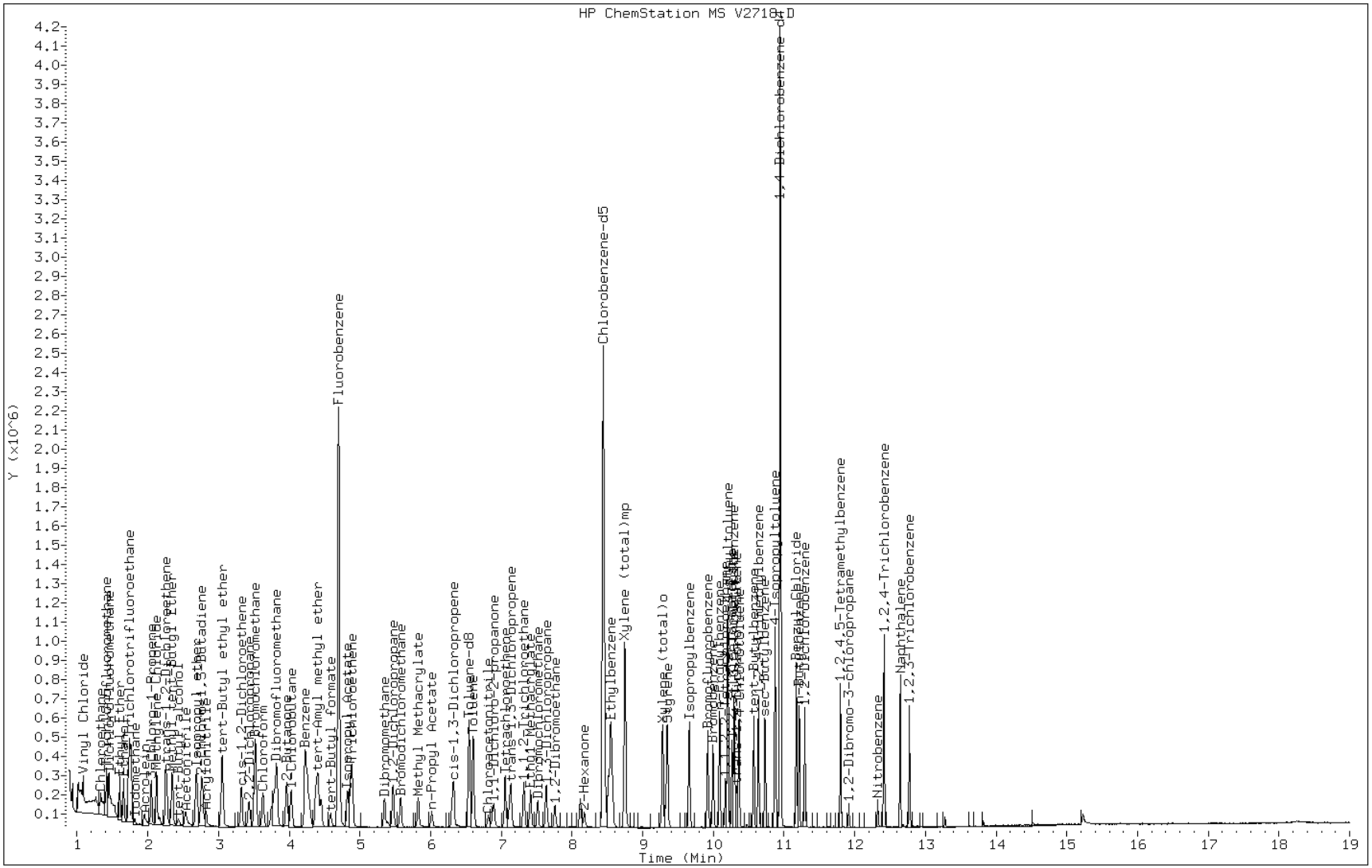
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V2718.D

Date: 23-MAR-2009 13:26

Client ID: IC;5 Instrument: msv.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/24/2009

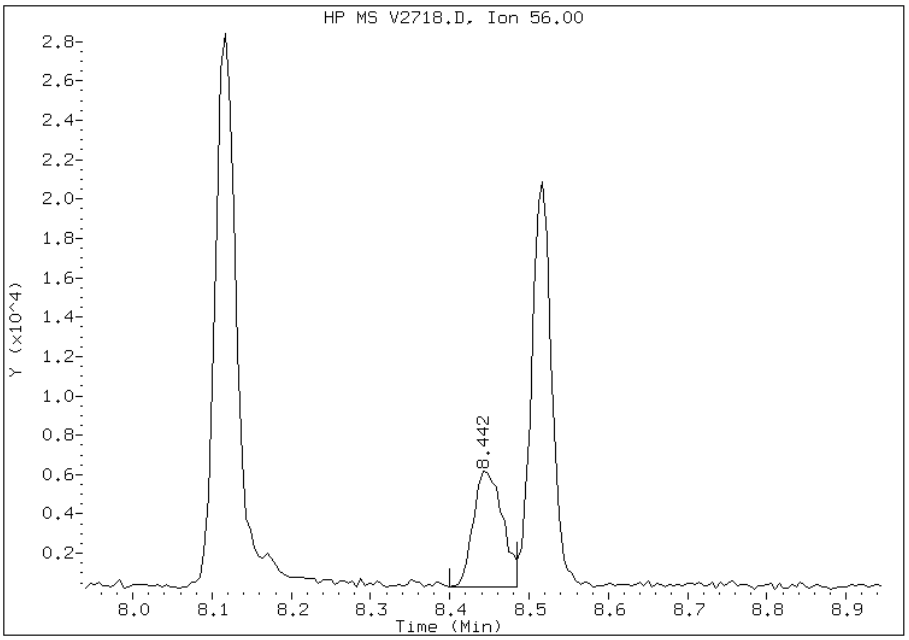
Processing Integration Results

RT: 8.44

Response: 15085

Amount: 5

Conc: 5



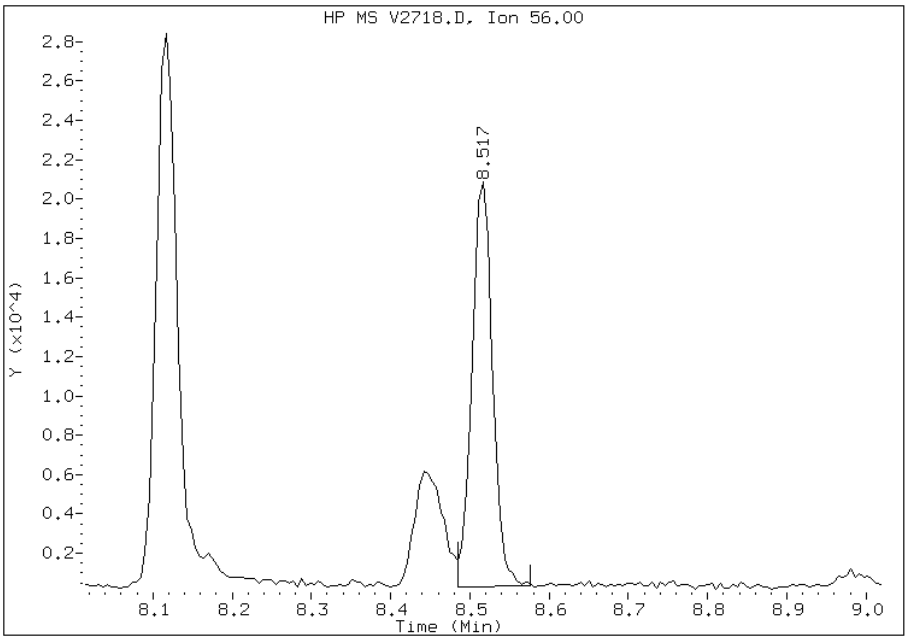
Manual Integration Results

RT: 8.52

Response: 36868

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2009

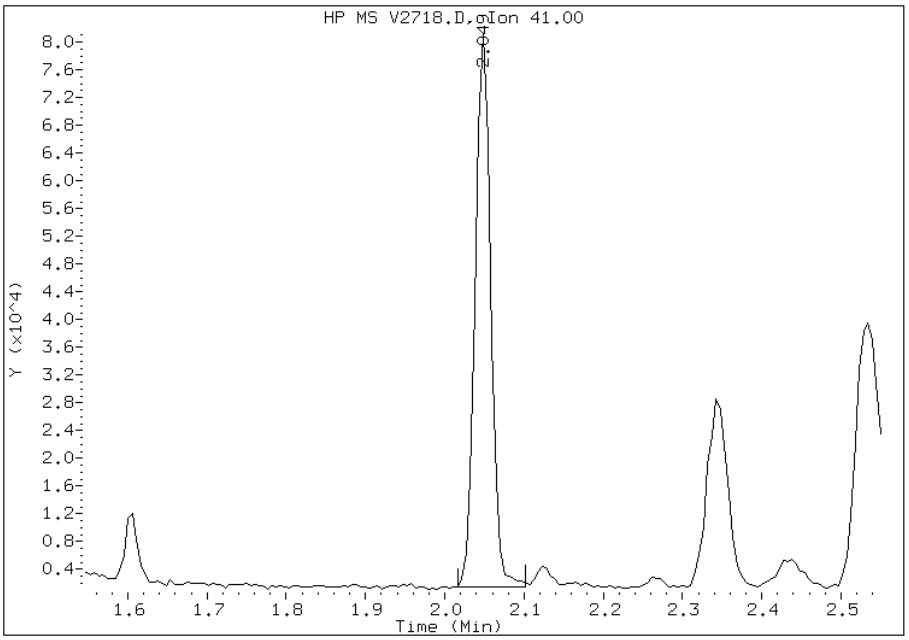
Processing Integration Results

RT: 2.05

Response: 106874

Amount: 48

Conc: 48



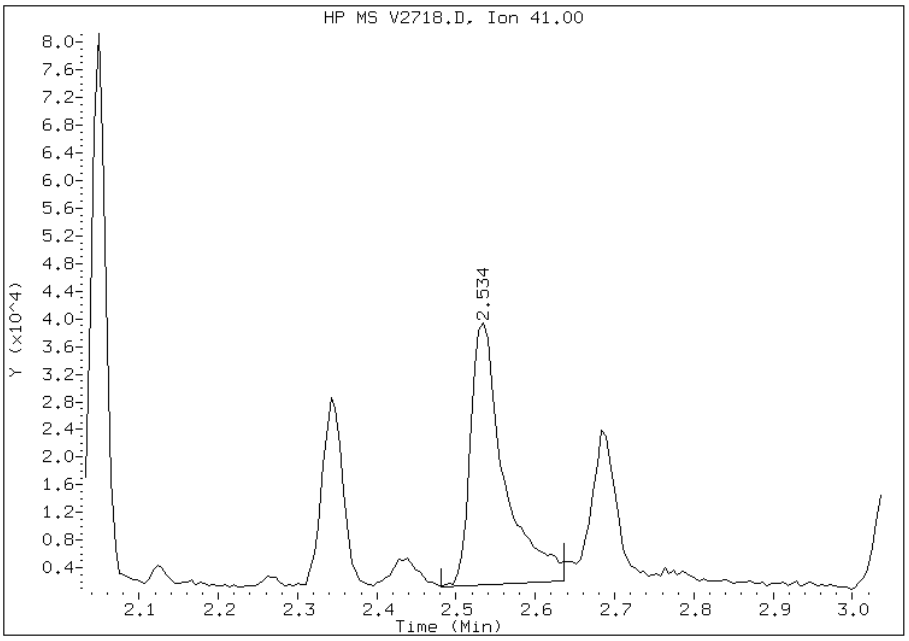
Manual Integration Results

RT: 2.53

Response: 110174

Amount: 53

Conc: 53



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/24/2009

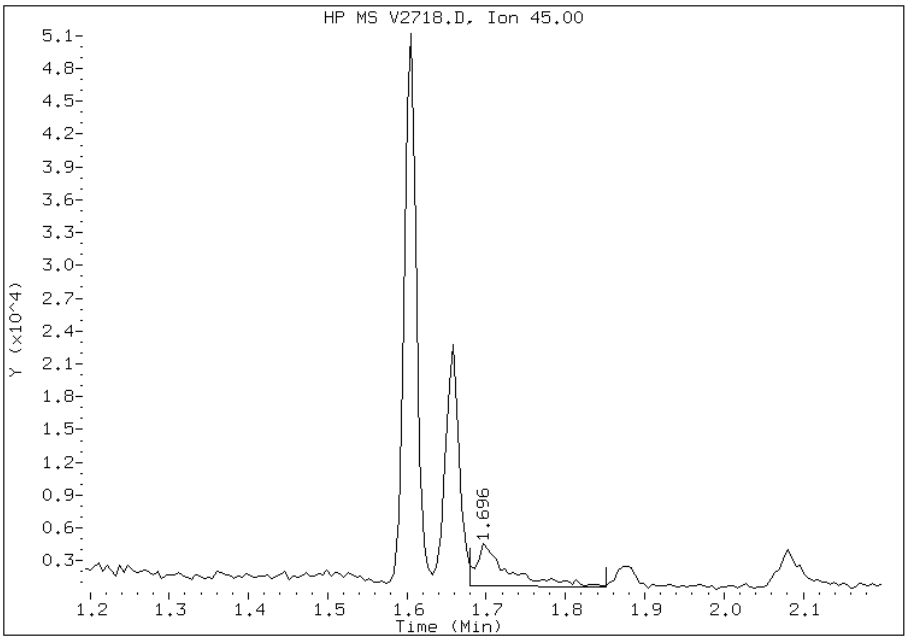
Processing Integration Results

RT: 1.70

Response: 11299

Amount: 7

Conc: 7



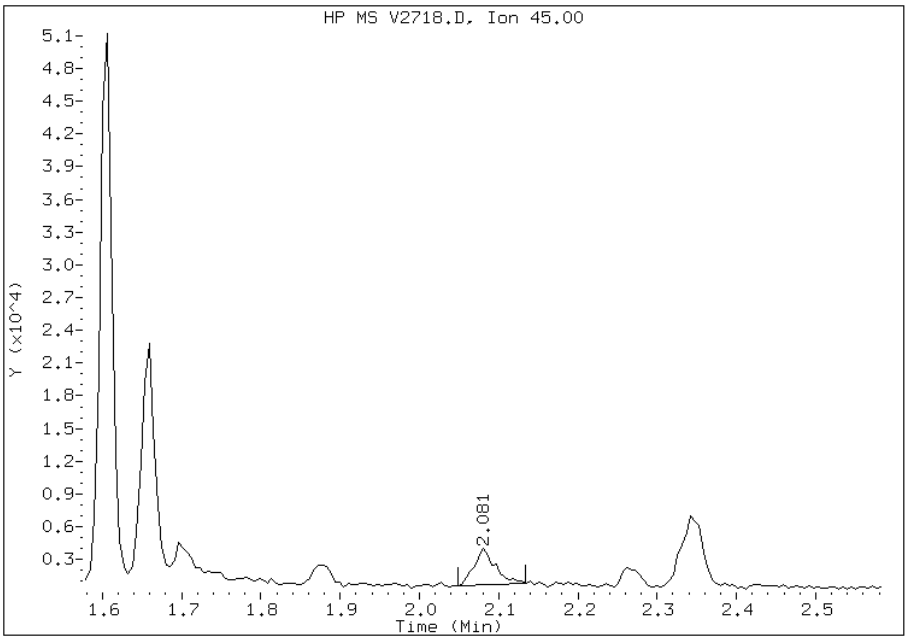
Manual Integration Results

RT: 2.08

Response: 5898

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/24/2009

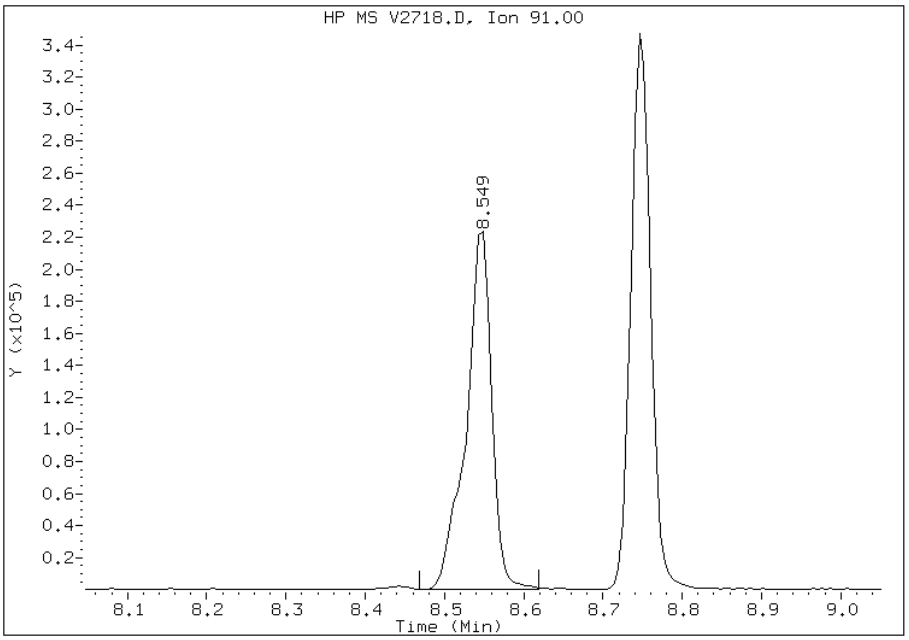
Processing Integration Results

RT: 8.55

Response: 493485

Amount: 6

Conc: 6



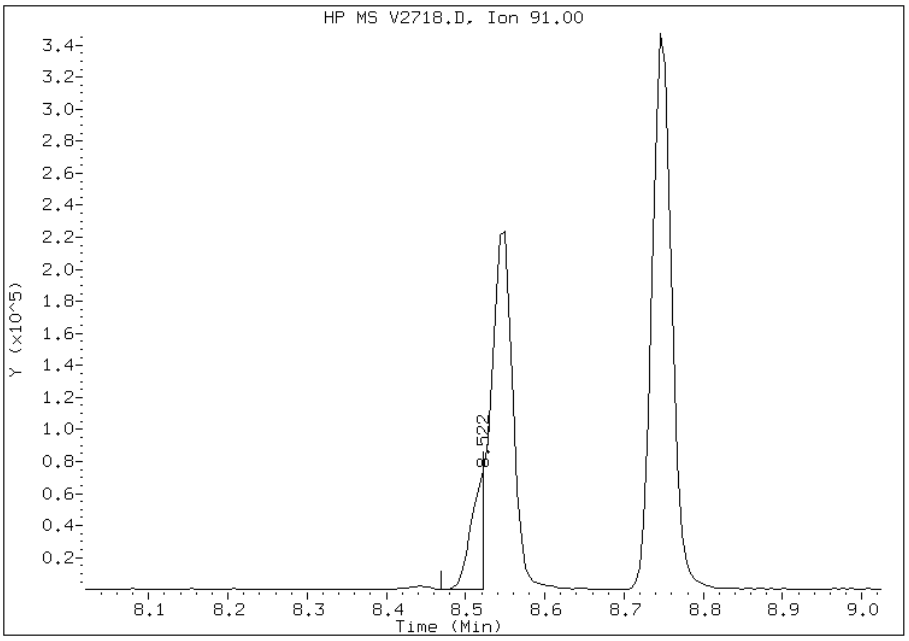
Manual Integration Results

RT: 8.52

Response: 84878

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 03/24/2009

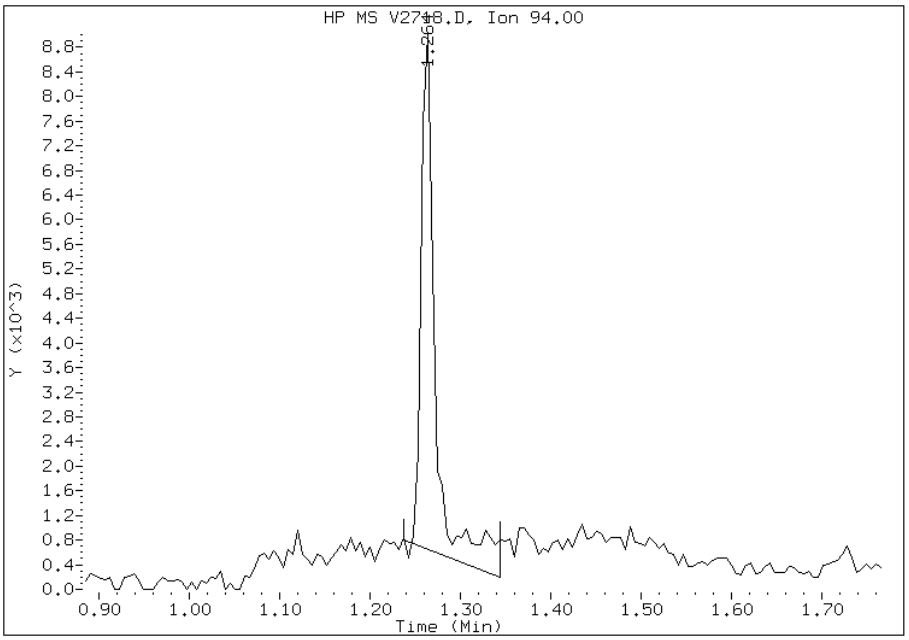
Processing Integration Results

RT: 1.26

Response: 9383

Amount: 8

Conc: 8



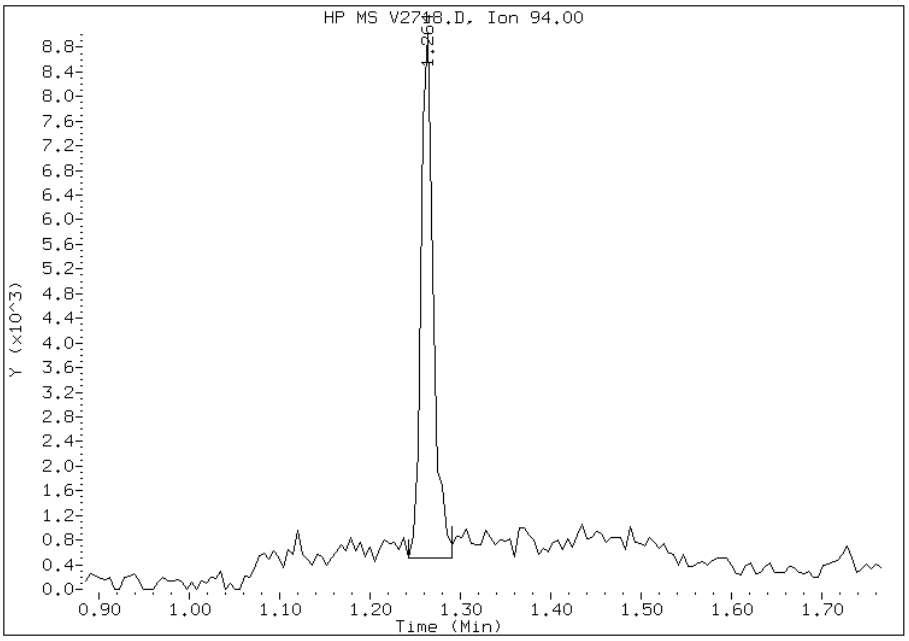
Manual Integration Results

RT: 1.26

Response: 8169

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 03/24/2009

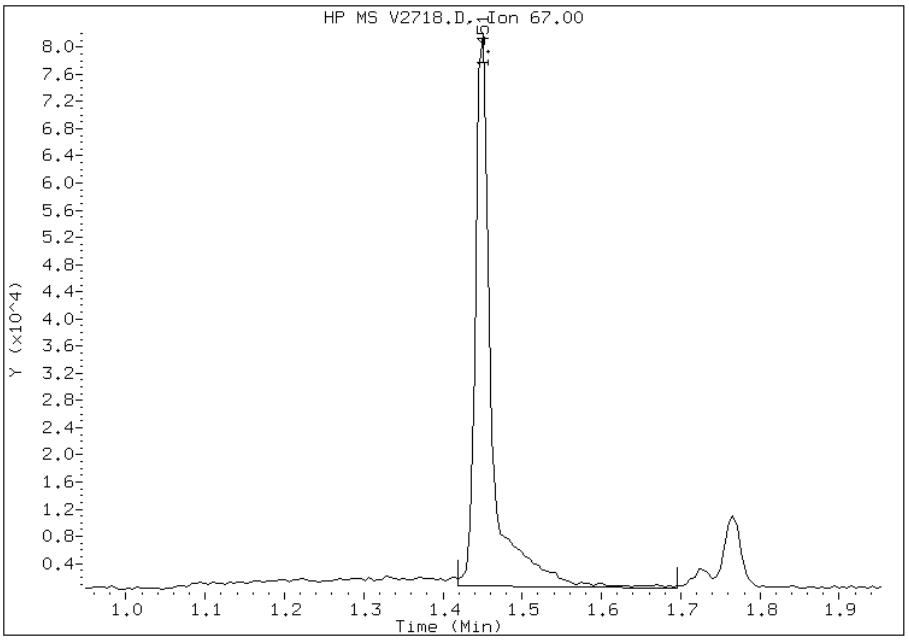
Processing Integration Results

RT: 1.45

Response: 114972

Amount: 5

Conc: 5



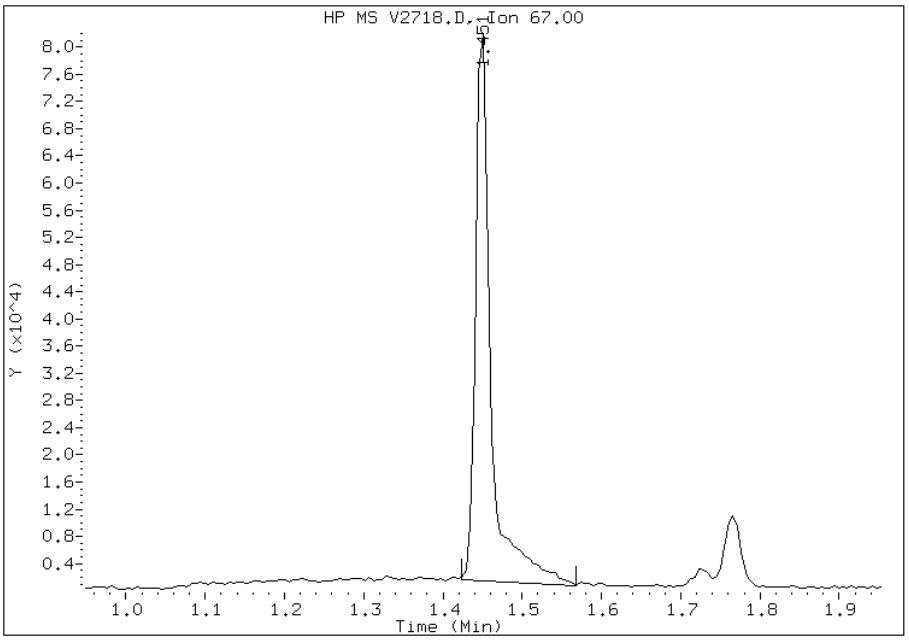
Manual Integration Results

RT: 1.45

Response: 107055

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 03/24/2009

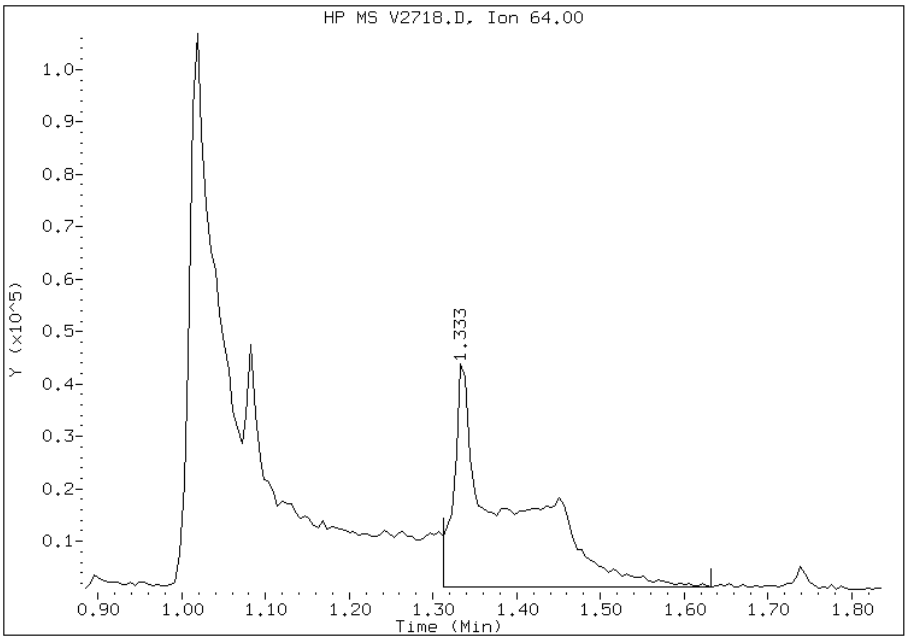
Processing Integration Results

RT: 1.33

Response: 183259

Amount: 14

Conc: 14



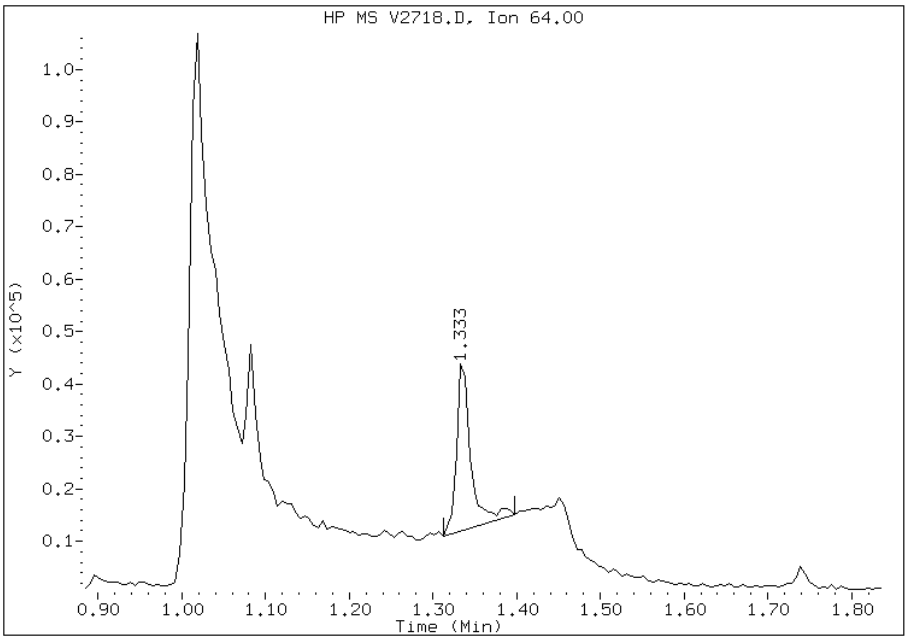
Manual Integration Results

RT: 1.33

Response: 37179

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 03/24/2009

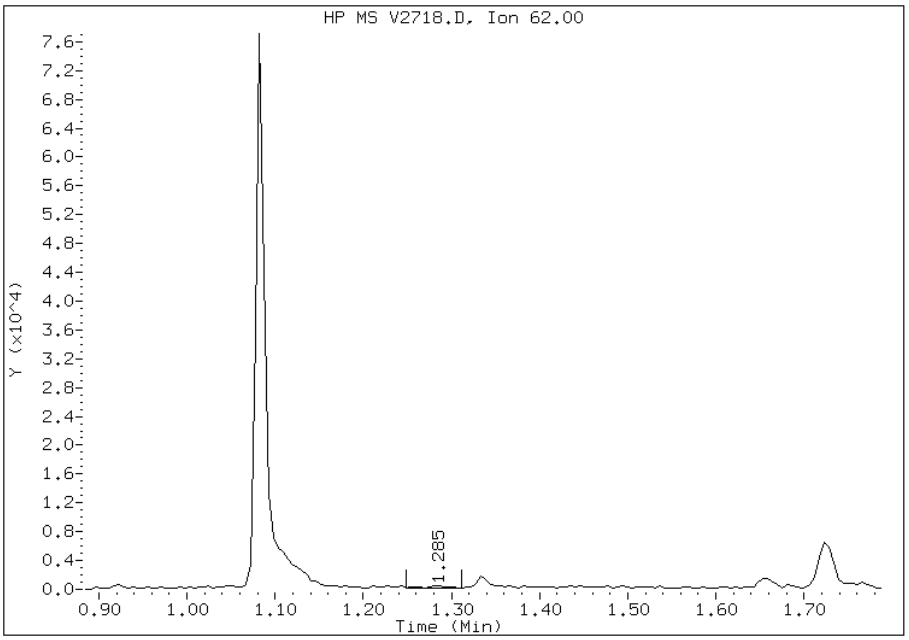
Processing Integration Results

RT: 1.29

Response: 789

Amount: 0

Conc: 0



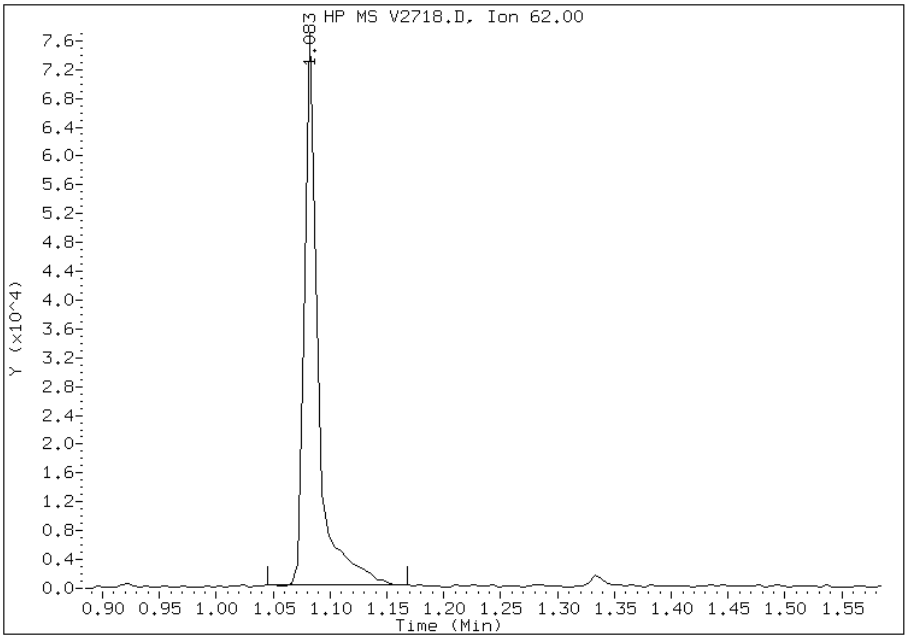
Manual Integration Results

RT: 1.08

Response: 64668

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/24/2009

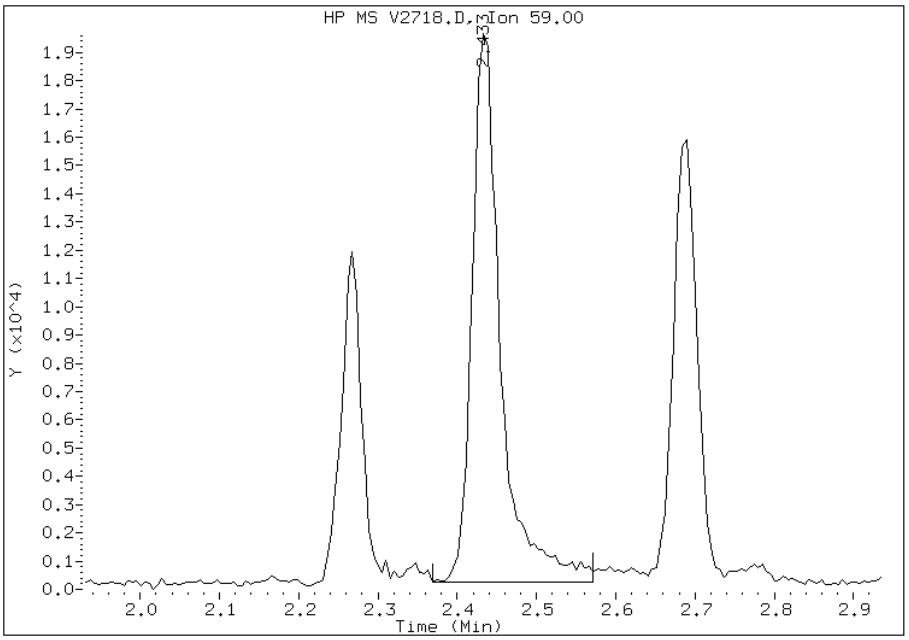
Processing Integration Results

RT: 2.43

Response: 48571

Amount: 23

Conc: 23



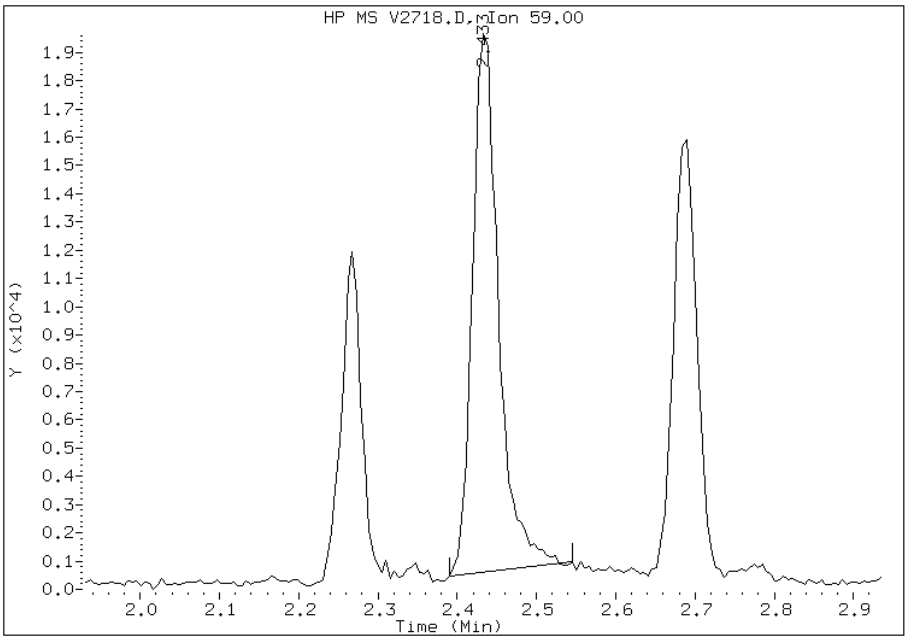
Manual Integration Results

RT: 2.43

Response: 43242

Amount: 27

Conc: 27



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2718.D
Inj. Date and Time: 23-MAR-2009 13:26
Instrument ID: msv.i
Client ID: IC;5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/24/2009

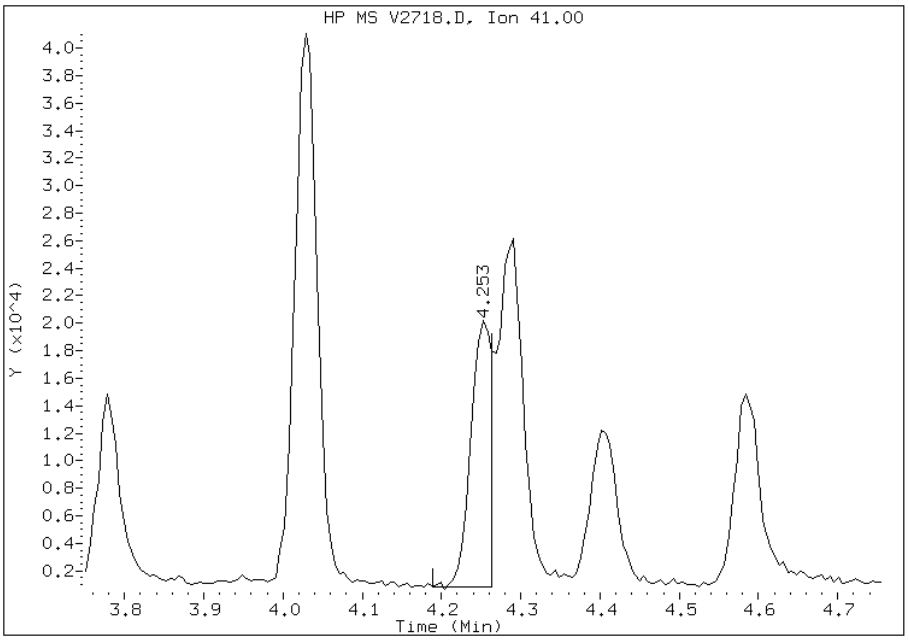
Processing Integration Results

RT: 4.25

Response: 35213

Amount: 4

Conc: 4



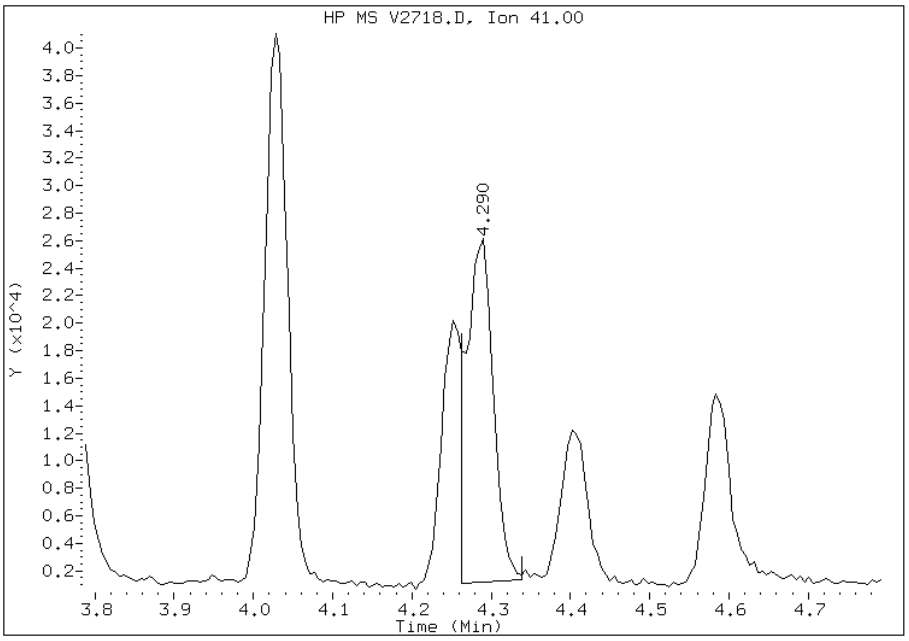
Manual Integration Results

RT: 4.29

Response: 58721

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V2719.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 23-MAR-2009 13:53 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;20
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V8260LOW.m
Meth Date : 24-Mar-2009 10:13 msv.i Quant Type: ISTD
Cal Date : 23-MAR-2009 13:26 Cal File: V2718.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.695	4.695	(1.000)	2122257	25.0000	
2	Dichlorodifluoromethane	85	0.927	0.927	(0.198)	243430	20.0000	23
3	Chloromethane	50	1.029	1.029	(0.219)	193983	20.0000	15
4	Vinyl Chloride	62	1.077	1.077	(0.229)	255873	20.0000	21(M)
5	Bromomethane	94	1.253	1.253	(0.267)	30409	20.0000	15(M)
6	Chloroethane	64	1.328	1.328	(0.283)	138584	20.0000	21(M)
7	Trichlorofluoromethane	101	1.408	1.408	(0.300)	362397	20.0000	23
8	Dichlorofluoromethane	67	1.440	1.440	(0.307)	421219	20.0000	20
9	Ethyl Ether	45	1.594	1.594	(0.340)	214670	20.0000	20
10	Ethanol	45	1.648	1.648	(0.351)	109993	200.000	230
11	Freon 141	81	1.648	1.648	(0.351)	476598	20.0000	22
12	Freon 123	67	1.760	1.760	(0.375)	65036	20.0000	22
13	Trichlorotrifluoroethane	101	1.749	1.749	(0.373)	278433	20.0000	22
14	1,1-Dichloroethene	96	1.717	1.717	(0.366)	278496	20.0000	21
15	Carbon Disulfide	76	1.733	1.733	(0.369)	1087420	20.0000	22
16	Iodomethane	142	1.808	1.808	(0.385)	143687	20.0000	14
17	Acrolein	56	1.941	1.941	(0.414)	331691	100.000	97
18	2-Propanol	45	2.080	2.080	(0.443)	19757	20.0000	18(M)
19	3-Chloro-1-Propene	41	2.043	2.043	(0.435)	440102	20.0000	22
20	Methylene Chloride	84	2.117	2.117	(0.451)	371268	20.0000	21
21	Acetone	43	2.155	2.155	(0.459)	118453	20.0000	20
22	trans-1,2-Dichloroethene	96	2.240	2.240	(0.477)	346097	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.262	2.262	(0.482)	887395	20.0000	21
	24 Methyl tert-Butyl Ether	73	2.336	2.336	(0.498)	1101157	20.0000	21
	25 tert-Butyl alcohol	59	2.427	2.427	(0.517)	177860	100.000	99(M)
	26 Acetonitrile	41	2.523	2.523	(0.537)	471704	200.000	220(M)
	27 Isopropyl ether	45	2.678	2.678	(0.570)	1074342	20.0000	21
	28 tert-Butyl ethyl ether	59	3.041	3.041	(0.648)	1078764	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.747	2.747	(0.585)	272543	20.0000	22
	30 Acrylonitrile	53	2.817	2.817	(0.600)	296280	40.0000	40
	31 1,1-Dichloroethane	63	2.769	2.769	(0.590)	575522	20.0000	21
	32 Vinyl Acetate	43	3.046	3.046	(0.649)	828413	20.0000	22
	33 cis-1,2-Dichloroethene	96	3.318	3.318	(0.707)	395764	20.0000	21
	34 2,2-Dichloropropane	77	3.425	3.425	(0.729)	410905	20.0000	22
	35 Bromochloromethane	128	3.516	3.516	(0.749)	200322	20.0000	21
	36 1-Bromopropane	43	3.500	3.500	(0.745)	460057	20.0000	21
	37 Cyclohexane	84	3.516	3.516	(0.749)	430938	20.0000	22
	38 Chloroform	83	3.622	3.622	(0.772)	578538	20.0000	20
	39 Ethyl Acetate	43	3.788	3.788	(0.807)	313165	40.0000	42
	40 Methyl Acrylate	55	3.777	3.777	(0.804)	343083	20.0000	22
$	41 Dibromofluoromethane	111	3.809	3.809	(0.811)	420549	20.0000	21
	42 Tetrahydrofuran	42	3.772	3.772	(0.803)	263405	40.0000	40
	43 Carbon Tetrachloride	117	3.740	3.740	(0.797)	341257	20.0000	22
	44 1,1,1-Trichloroethane	97	3.820	3.820	(0.814)	467504	20.0000	22
	45 2-Butanone	43	3.959	3.959	(0.843)	150285	20.0000	20
	46 1,1-Dichloropropene	75	3.953	3.953	(0.842)	433673	20.0000	21
	47 tert-Amyl methyl ether	73	4.402	4.402	(0.937)	1030008	20.0000	21
	48 tert-Butyl formate	57	4.578	4.578	(0.975)	17218	20.0000	21
	49 1-Chlorobutane	56	4.023	4.023	(0.857)	620185	20.0000	22
	50 Heptane	43	4.247	4.247	(0.905)	258716	20.0000	22
	51 Propionitrile	54	4.252	4.252	(0.906)	584043	200.000	210
	52 Benzene	78	4.220	4.220	(0.899)	1402952	20.0000	21
	53 2-Methyl-2-Propenenitrile	41	4.279	4.279	(0.911)	217201	20.0000	20(M)
	54 Isobutyl alcohol	42	4.402	4.402	(0.937)	44667	200.000	220
$	55 1,2-Dichloroethane-d4	65	4.370	4.370	(0.931)	447271	20.0000	20
	56 1,2-Dichloroethane	62	4.444	4.444	(0.947)	420428	20.0000	20
	59 Methyl Cyclohexane	83	4.866	4.866	(1.036)	426400	20.0000	22
	60 Trichloroethene	130	4.887	4.887	(1.041)	371046	20.0000	21
	61 Isopropyl Acetate	43	4.823	4.823	(1.027)	891038	40.0000	44
	62 n-Butanol	56	5.394	5.394	(1.149)	90936	200.000	190
	63 Dibromomethane	93	5.346	5.346	(1.139)	232834	20.0000	21
	64 1,2-Dichloropropane	63	5.464	5.464	(1.164)	353721	20.0000	21
	65 Bromodichloromethane	83	5.570	5.570	(1.186)	432414	20.0000	20
	66 Methyl Methacrylate	69	5.821	5.821	(1.240)	284417	20.0000	22
	67 1,4-Dioxane	58	5.816	5.816	(1.239)	25524	200.000	190
	68 n-Propyl Acetate	43	6.013	6.013	(1.281)	361849	40.0000	43
	69 2-Chloroethylvinylether	63	6.302	6.302	(1.342)	217075	20.0000	22
	70 cis-1,3-Dichloropropene	75	6.323	6.323	(1.347)	551618	20.0000	22
	71 Chloroacetonitrile	48	6.814	6.814	(1.451)	121219	200.000	200
	72 2-Nitropropane	41	6.873	6.873	(1.464)	174403	40.0000	42
	73 trans-1,3-Dichloropropene	75	7.134	7.134	(1.519)	501915	20.0000	22
	74 1,1,2-Trichloroethane	97	7.316	7.316	(1.558)	335228	20.0000	21
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1550989	25.0000	
	76 Toluene	91	6.600	6.600	(0.782)	1475797	20.0000	22
$	77 Toluene-d8	98	6.542	6.542	(0.775)	1588212	20.0000	22
	78 1,1-Dichloro-2-propanone	43	6.889	6.889	(0.816)	829712	100.000	98

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	79 4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	324104	20.0000	22
	80 Tetrachloroethene	164	7.054	7.054	(0.836)	285641	20.0000	22
	81 Ethyl Methacrylate	69	7.412	7.412	(0.878)	499334	20.0000	22
	82 Dibromochloromethane	129	7.513	7.513	(0.890)	360651	20.0000	21
	83 1,3-Dichloropropane	76	7.636	7.636	(0.905)	584230	20.0000	21
	84 1,2-Dibromoethane	107	7.759	7.759	(0.919)	354684	20.0000	21
	85 n-Butyl Acetate	56	8.516	8.516	(1.009)	150090	20.0000	22(H)
	86 2-Hexanone	43	8.169	8.169	(0.968)	265369	20.0000	23
	87 1-Chlorohexane	91	8.522	8.522	(1.009)	351843	20.0000	18(M)
	88 Chlorobenzene	112	8.458	8.458	(1.002)	970997	20.0000	21
	89 1,1,1,2-Tetrachloroethane	131	8.570	8.570	(1.015)	332646	20.0000	22
	90 Ethylbenzene	106	8.543	8.543	(1.012)	514802	20.0000	22
	91 Xylene (total)mp	106	8.746	8.746	(1.036)	1267343	40.0000	44
	92 Xylene (total)o	106	9.280	9.280	(1.099)	618820	20.0000	22
	93 Styrene	104	9.349	9.349	(1.107)	1073362	20.0000	22
	94 Bromoform	173	9.328	9.328	(1.105)	241590	20.0000	21
*	95 1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	776311	25.0000	
	96 Isopropylbenzene	105	9.658	9.658	(0.882)	1375144	20.0000	22
	97 Bromobenzene	156	9.995	9.995	(0.913)	426234	20.0000	22
	98 1,1,2,2-Tetrachloroethane	83	10.171	10.171	(0.929)	410155	20.0000	22
	99 4-Ethyltoluene	105	10.203	10.203	(0.932)	1331513	20.0000	22
	100 1,2,3-Trichloropropane	110	10.262	10.262	(0.938)	138108	20.0000	22
	101 trans-1,4-Dichloro-2-Butene	53	10.326	10.326	(0.943)	160631	40.0000	45
	102 n-Propylbenzene	91	10.085	10.085	(0.921)	1541688	20.0000	22
	103 2-Chlorotoluene	91	10.197	10.197	(0.932)	1113157	20.0000	22
	104 4-Chlorotoluene	91	10.363	10.363	(0.947)	1058759	20.0000	22
	105 1,3,5-Trimethylbenzene	105	10.294	10.294	(0.941)	1106991	20.0000	21
	106 tert-Butylbenzene	119	10.571	10.571	(0.966)	911453	20.0000	21
	107 1,2,4-Trimethylbenzene	105	10.635	10.635	(0.972)	1128595	20.0000	23
	108 sec-Butylbenzene	105	10.731	10.731	(0.980)	1237547	20.0000	21
	109 4-Isopropyltoluene	119	10.870	10.870	(0.993)	1069824	20.0000	21
	110 1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	681143	20.0000	21
	111 1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	697747	20.0000	21
	112 1,2-Dichlorobenzene	146	11.292	11.292	(1.032)	669900	20.0000	21
	113 Benzyl Chloride	126	11.174	11.174	(1.021)	163685	20.0000	19
	114 1,4-Diethylbenzene	119	11.169	11.169	(1.020)	589127	20.0000	20
	115 n-Butylbenzene	91	11.211	11.211	(1.024)	897680	20.0000	20(H)
	118 1,2,4,5-Tetramethylbenzene	119	11.799	11.799	(1.078)	1060906	20.0000	20
	119 1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	69663	20.0000	20
	120 Nitrobenzene	77	12.322	12.322	(1.126)	243931	200.000	160
	121 1,2,4-Trichlorobenzene	180	12.418	12.418	(1.135)	481826	20.0000	21
	122 Hexachlorobutadiene	225	12.412	12.412	(1.134)	210547	20.0000	19
	123 Naphthalene	128	12.642	12.642	(1.155)	1445311	20.0000	21
	124 1,2,3-Trichlorobenzene	180	12.770	12.770	(1.167)	478691	20.0000	21
$	125 Bromofluorobenzene	95	9.915	9.915	(0.906)	579889	20.0000	22
M	126 1,2-Dichloroethene (total)	100				741861	40.0000	42
M	127 Xylene (total)	100				1886163	60.0000	66

QC Flag Legend

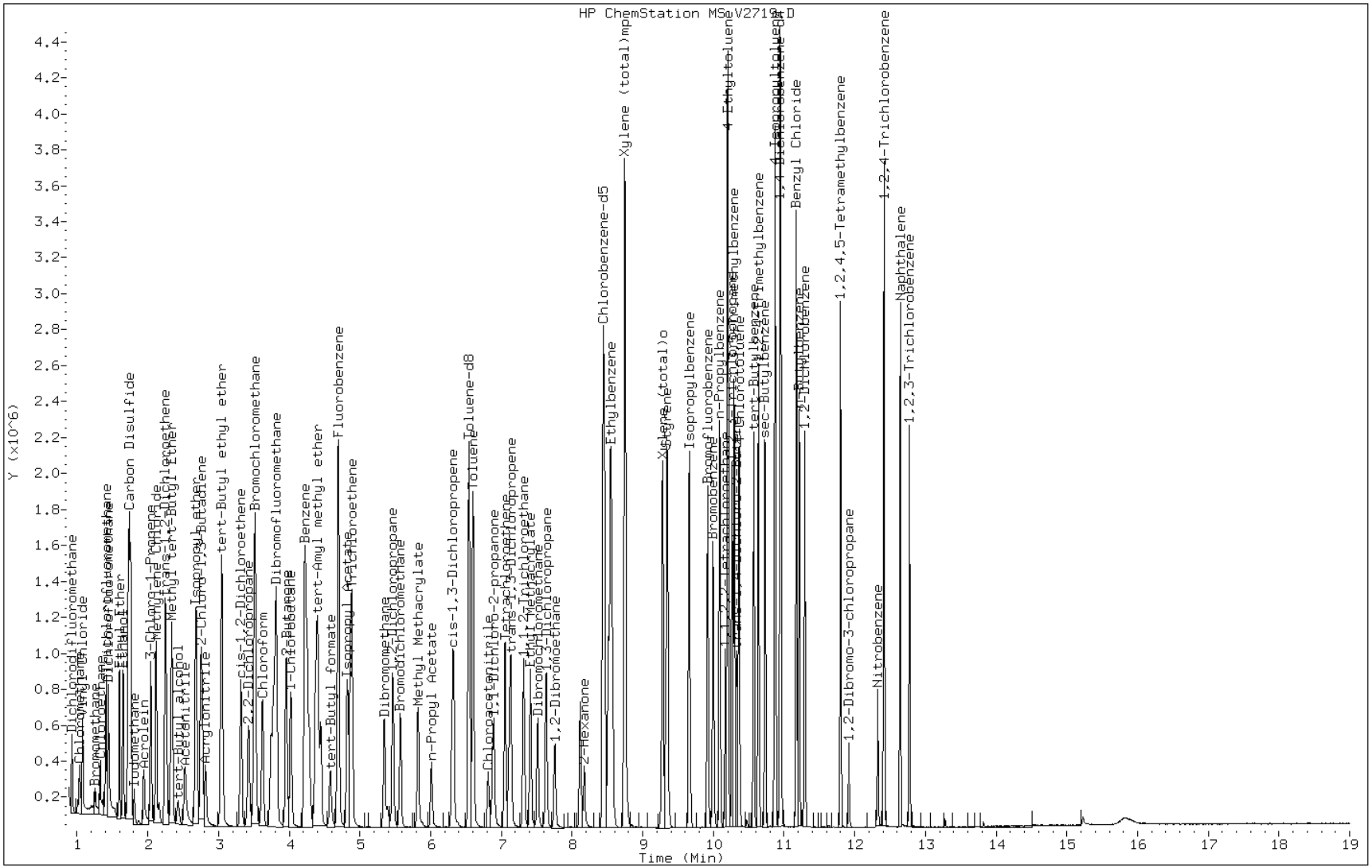
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V2719.D

Date: 23-MAR-2009 13:53

Client ID: IC;20 Instrument: msv.i

Sample Info: IC;20 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/24/2009

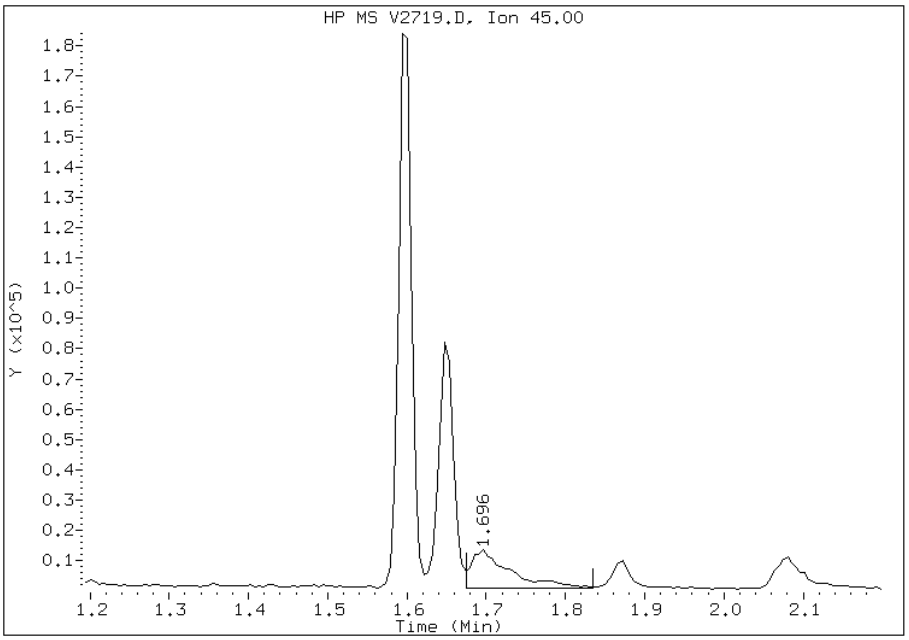
Processing Integration Results

RT: 1.70

Response: 43039

Amount: 22

Conc: 22



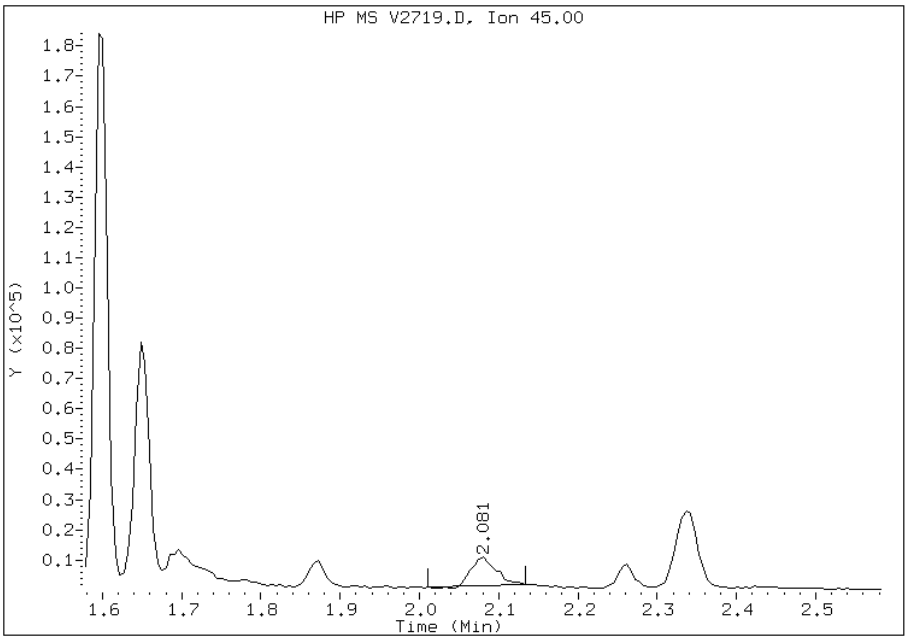
Manual Integration Results

RT: 2.08

Response: 19757

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 03/24/2009

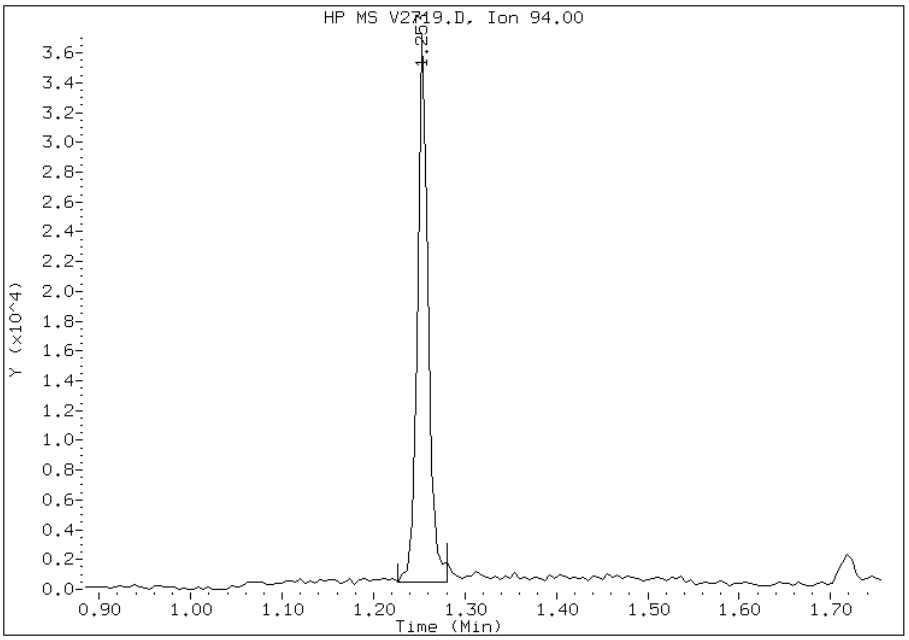
Processing Integration Results

RT: 1.25

Response: 30483

Amount: 13

Conc: 13



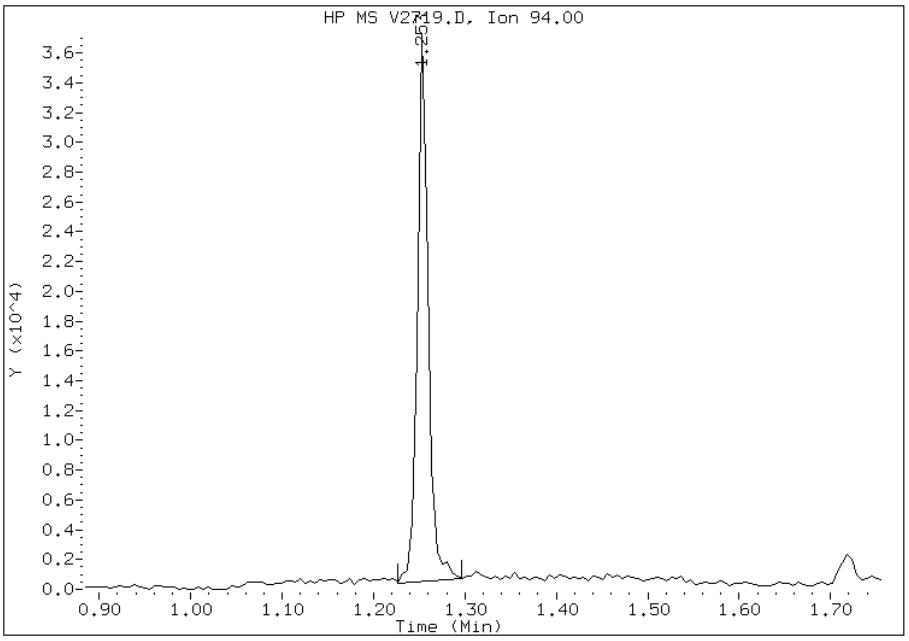
Manual Integration Results

RT: 1.25

Response: 30409

Amount: 15

Conc: 15



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2009

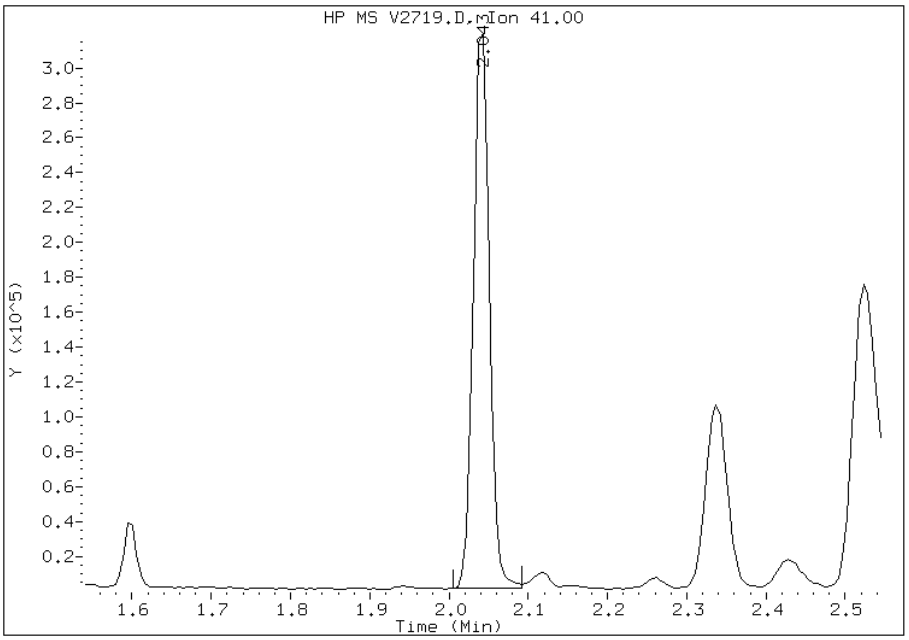
Processing Integration Results

RT: 2.04

Response: 440102

Amount: 199

Conc: 199



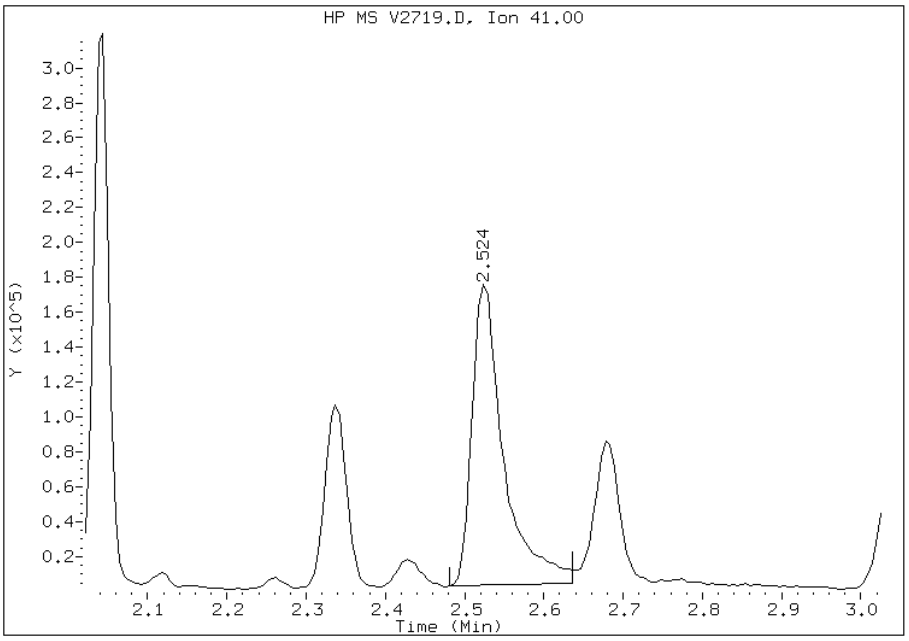
Manual Integration Results

RT: 2.52

Response: 471704

Amount: 220

Conc: 220



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 03/24/2009

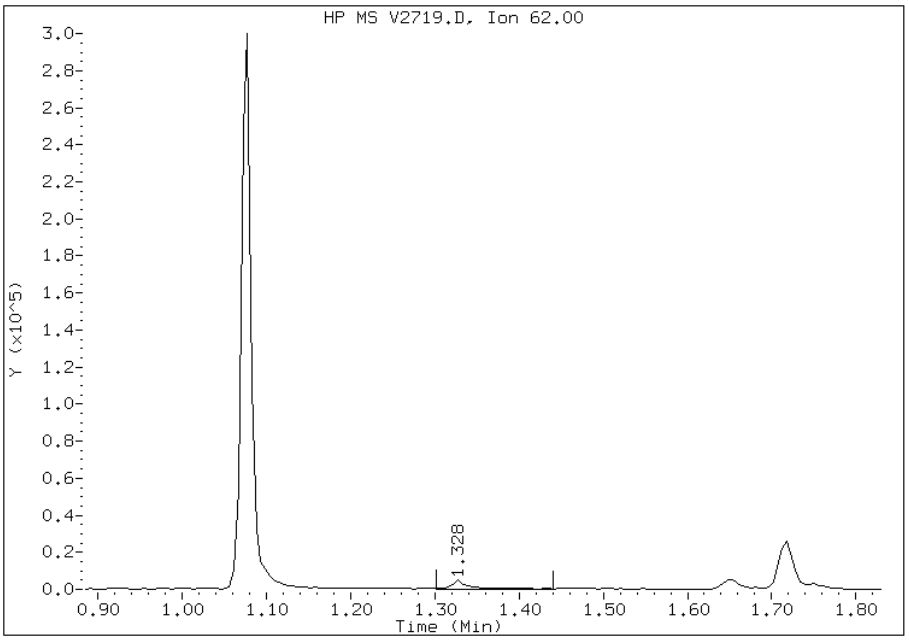
Processing Integration Results

RT: 1.33

Response: 6003

Amount: 9

Conc: 9



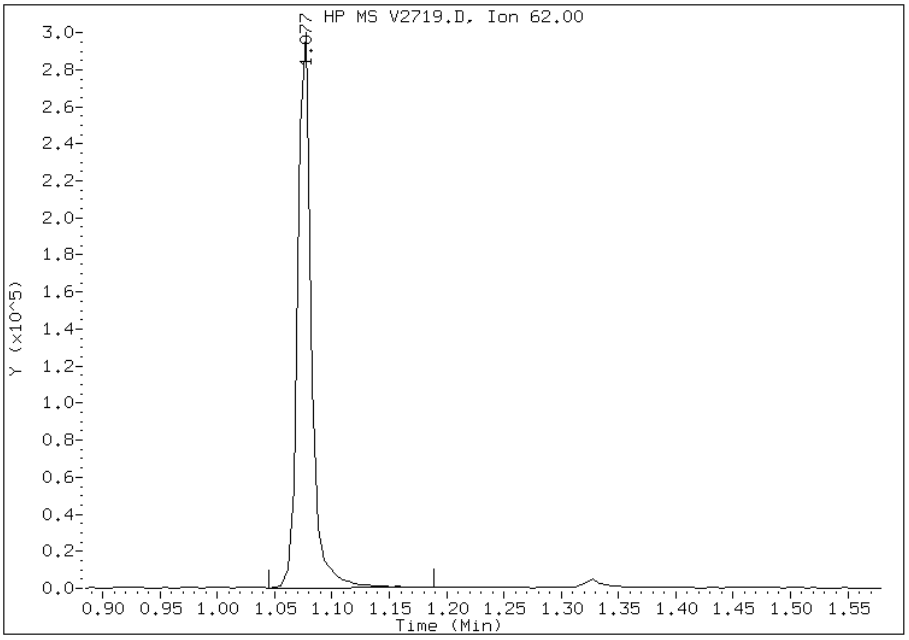
Manual Integration Results

RT: 1.08

Response: 255873

Amount: 21

Conc: 21



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/24/2009

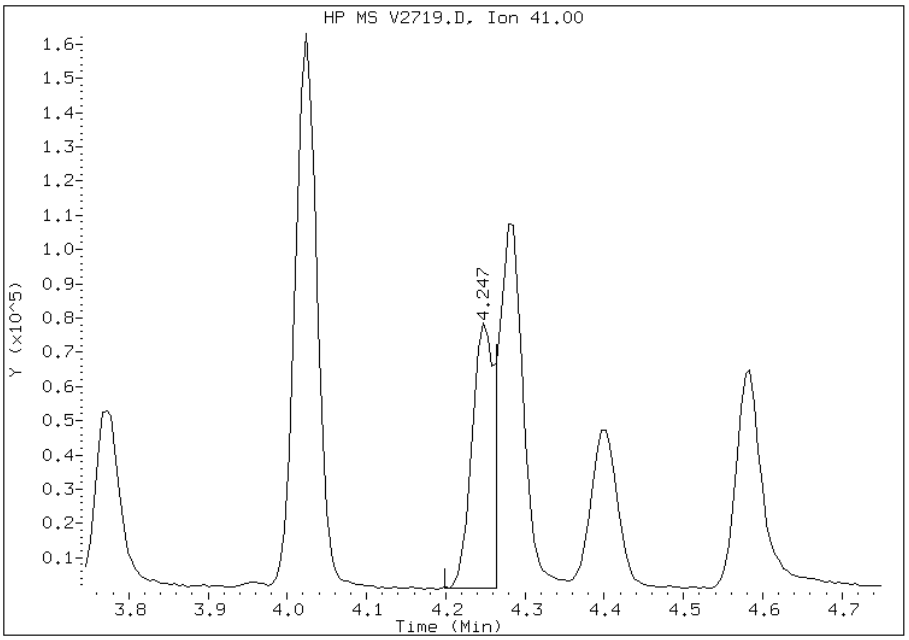
Processing Integration Results

RT: 4.25

Response: 152669

Amount: 16

Conc: 16



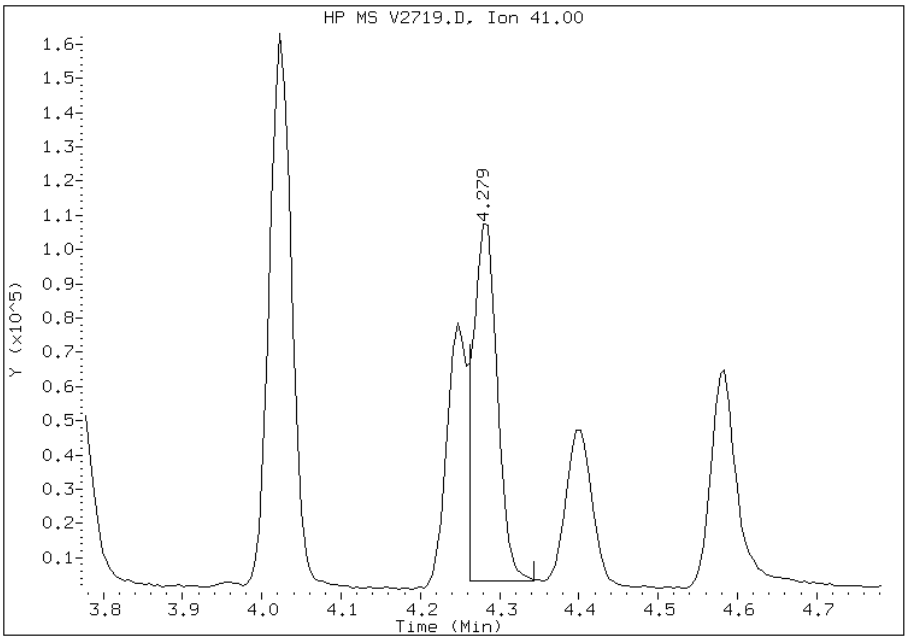
Manual Integration Results

RT: 4.28

Response: 217201

Amount: 20

Conc: 20



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/24/2009

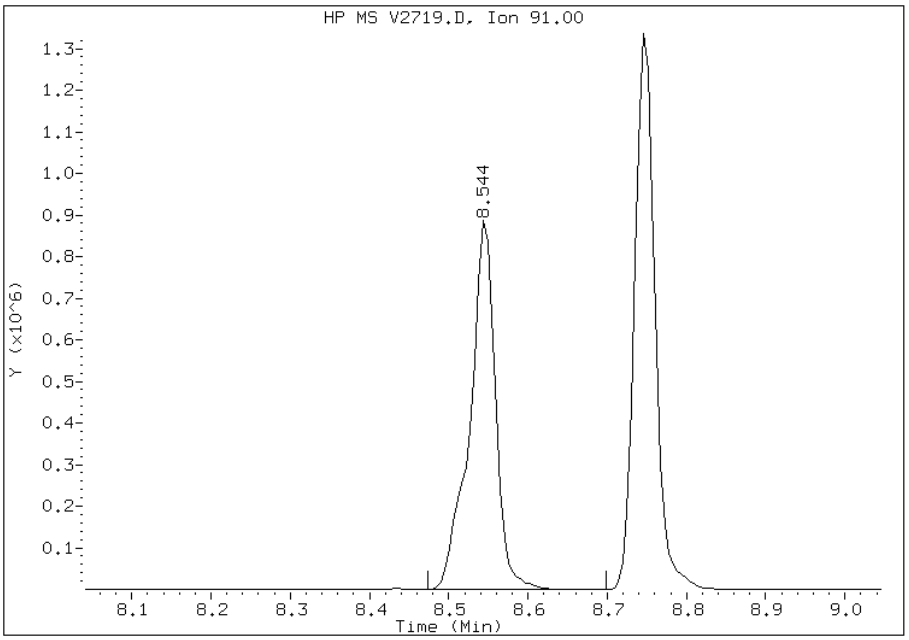
Processing Integration Results

RT: 8.54

Response: 1967292

Amount: 22

Conc: 22



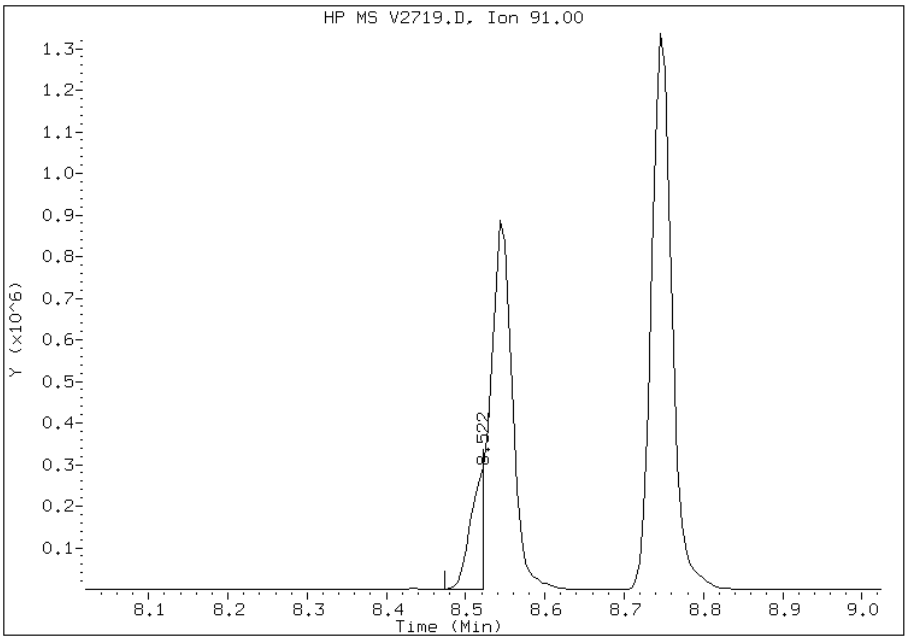
Manual Integration Results

RT: 8.52

Response: 351843

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/24/2009

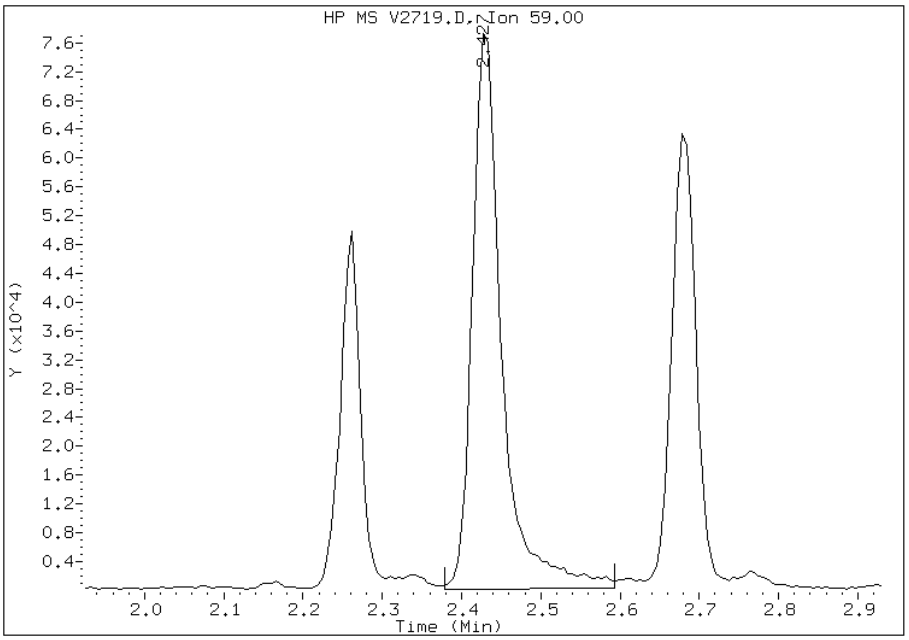
Processing Integration Results

RT: 2.43

Response: 198480

Amount: 95

Conc: 95



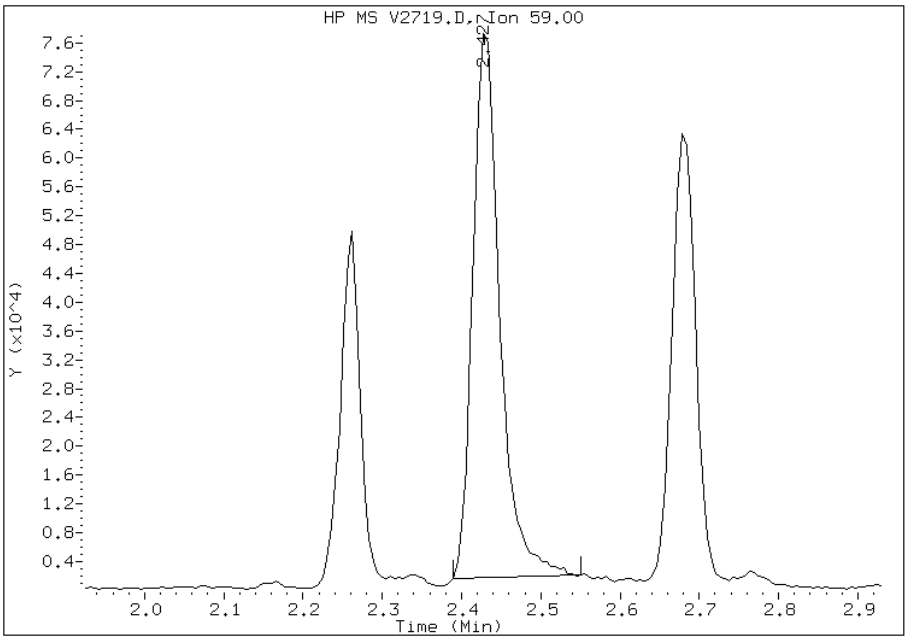
Manual Integration Results

RT: 2.43

Response: 177860

Amount: 99

Conc: 99



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2719.D
Inj. Date and Time: 23-MAR-2009 13:53
Instrument ID: msv.i
Client ID: IC;20
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 03/24/2009

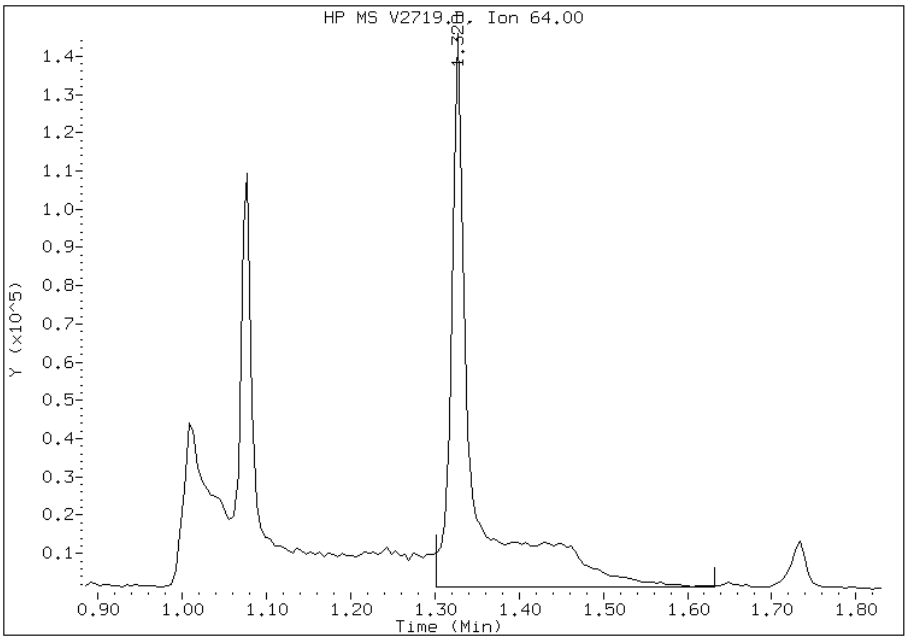
Processing Integration Results

RT: 1.33

Response: 262161

Amount: 22

Conc: 22



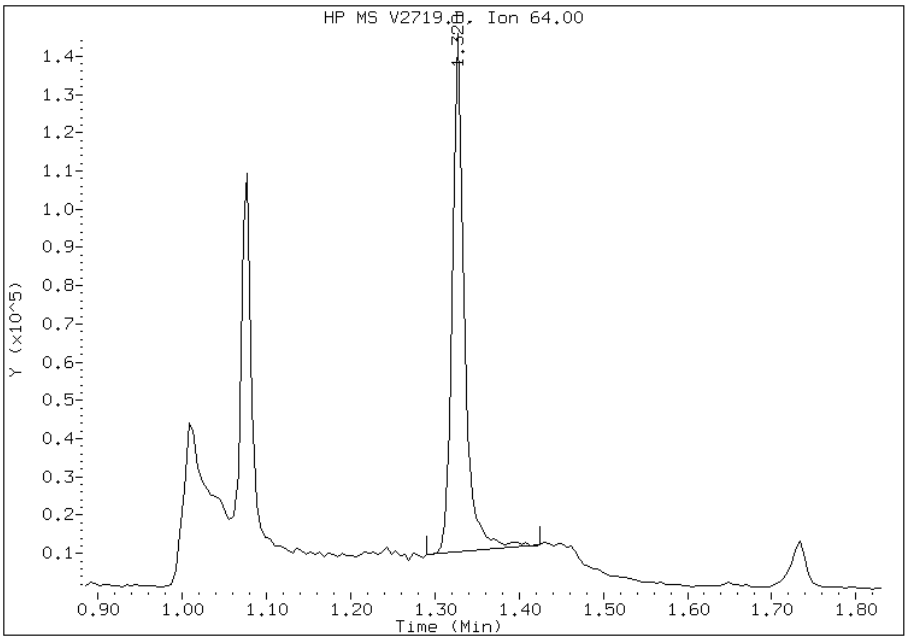
Manual Integration Results

RT: 1.33

Response: 138584

Amount: 21

Conc: 21



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V2720.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 23-MAR-2009 14:20 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;50
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V8260LOW.m
Meth Date : 24-Mar-2009 10:13 msv.i Quant Type: ISTD
Cal Date : 23-MAR-2009 13:53 Cal File: V2719.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.700	4.700	(1.000)	2128520	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.198)	529880	50.0000	50
3	Chloromethane	50	1.050	1.050	(0.223)	666822	50.0000	49
4	Vinyl Chloride	62	1.082	1.082	(0.230)	601917	50.0000	49(H)
5	Bromomethane	94	1.264	1.264	(0.269)	128362	50.0000	52(M)
6	Chloroethane	64	1.333	1.333	(0.284)	279183	50.0000	49(M)
7	Trichlorofluoromethane	101	1.413	1.413	(0.301)	812354	50.0000	53
8	Dichlorofluoromethane	67	1.445	1.445	(0.307)	936072	50.0000	45
9	Ethyl Ether	45	1.605	1.605	(0.342)	488007	50.0000	47
10	Ethanol	45	1.653	1.653	(0.352)	239643	500.000	500
11	Freon 141	81	1.658	1.658	(0.353)	1026499	50.0000	47
12	Freon 123	67	1.765	1.765	(0.376)	144569	50.0000	49
13	Trichlorotrifluoroethane	101	1.755	1.755	(0.373)	619585	50.0000	49
14	1,1-Dichloroethene	96	1.722	1.722	(0.367)	633255	50.0000	48
15	Carbon Disulfide	76	1.739	1.739	(0.370)	2352826	50.0000	48
16	Iodomethane	142	1.813	1.813	(0.386)	637140	50.0000	52
17	Acrolein	56	1.947	1.947	(0.414)	871203	250.000	260
18	2-Propanol	45	2.085	2.085	(0.444)	57690	50.0000	53(M)
19	3-Chloro-1-Propene	41	2.048	2.048	(0.436)	1044519	50.0000	52
20	Methylene Chloride	84	2.123	2.123	(0.452)	859583	50.0000	50
21	Acetone	43	2.165	2.165	(0.461)	270092	50.0000	50
22	trans-1,2-Dichloroethene	96	2.246	2.246	(0.478)	799226	50.0000	49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.267	2.267	(0.482)	2132381	50.0000	50
	24 Methyl tert-Butyl Ether	73	2.342	2.342	(0.498)	2695999	50.0000	51
	25 tert-Butyl alcohol	59	2.432	2.432	(0.518)	431416	250.000	230(M)
	26 Acetonitrile	41	2.528	2.528	(0.538)	1050786	500.000	480(M)
	27 Isopropyl ether	45	2.683	2.683	(0.571)	2586837	50.0000	51
	28 tert-Butyl ethyl ether	59	3.046	3.046	(0.648)	2625417	50.0000	51
	29 2-Chloro-1,3-Butadiene	88	2.753	2.753	(0.586)	620934	50.0000	51
	30 Acrylonitrile	53	2.817	2.817	(0.599)	736575	100.000	99
	31 1,1-Dichloroethane	63	2.774	2.774	(0.590)	1350124	50.0000	49
	32 Vinyl Acetate	43	3.051	3.051	(0.649)	1998720	50.0000	54
	33 cis-1,2-Dichloroethene	96	3.324	3.324	(0.707)	934392	50.0000	49
	34 2,2-Dichloropropane	77	3.430	3.430	(0.730)	956683	50.0000	52
	35 Bromochloromethane	128	3.521	3.521	(0.749)	470329	50.0000	49
	36 1-Bromopropane	43	3.505	3.505	(0.746)	1051725	50.0000	47
	37 Cyclohexane	84	3.521	3.521	(0.749)	943861	50.0000	49
	38 Chloroform	83	3.628	3.628	(0.772)	1388235	50.0000	48
	39 Ethyl Acetate	43	3.793	3.793	(0.807)	767254	100.000	100
	40 Methyl Acrylate	55	3.783	3.783	(0.805)	849652	50.0000	54
$	41 Dibromofluoromethane	111	3.815	3.815	(0.812)	1008694	50.0000	50
	42 Tetrahydrofuran	42	3.777	3.777	(0.804)	639090	100.000	96
	43 Carbon Tetrachloride	117	3.745	3.745	(0.797)	838858	50.0000	54
	44 1,1,1-Trichloroethane	97	3.820	3.820	(0.813)	1085041	50.0000	50
	45 2-Butanone	43	3.959	3.959	(0.842)	362363	50.0000	48
	46 1,1-Dichloropropene	75	3.959	3.959	(0.842)	1006586	50.0000	50
	47 tert-Amyl methyl ether	73	4.402	4.402	(0.936)	2525525	50.0000	52
	48 tert-Butyl formate	57	4.583	4.583	(0.975)	38575	50.0000	46
	49 1-Chlorobutane	56	4.028	4.028	(0.857)	1422691	50.0000	50
	50 Heptane	43	4.252	4.252	(0.905)	569275	50.0000	48
	51 Propionitrile	54	4.258	4.258	(0.906)	1382351	500.000	500
	52 Benzene	78	4.225	4.225	(0.899)	3278655	50.0000	49
	53 2-Methyl-2-Propenenitrile	41	4.284	4.284	(0.911)	548123	50.0000	51(M)
	54 Isobutyl alcohol	42	4.407	4.407	(0.938)	101031	500.000	510
$	55 1,2-Dichloroethane-d4	65	4.375	4.375	(0.931)	1072317	50.0000	48
	56 1,2-Dichloroethane	62	4.450	4.450	(0.947)	1024027	50.0000	49
	59 Methyl Cyclohexane	83	4.866	4.866	(1.035)	948632	50.0000	48
	60 Trichloroethene	130	4.893	4.893	(1.041)	873163	50.0000	50
	61 Isopropyl Acetate	43	4.823	4.823	(1.026)	2209130	100.000	110
	62 n-Butanol	56	5.389	5.389	(1.146)	241610	500.000	480
	63 Dibromomethane	93	5.346	5.346	(1.137)	559218	50.0000	50
	64 1,2-Dichloropropane	63	5.469	5.469	(1.163)	855442	50.0000	50
	65 Bromodichloromethane	83	5.576	5.576	(1.186)	1074419	50.0000	51
	66 Methyl Methacrylate	69	5.821	5.821	(1.238)	704411	50.0000	54
	67 1,4-Dioxane	58	5.821	5.821	(1.238)	69166	500.000	510
	68 n-Propyl Acetate	43	6.013	6.013	(1.279)	910775	100.000	110
	69 2-Chloroethylvinylether	63	6.302	6.302	(1.341)	521265	50.0000	53
	70 cis-1,3-Dichloropropene	75	6.323	6.323	(1.345)	1356309	50.0000	53
	71 Chloroacetonitrile	48	6.814	6.814	(1.450)	302332	500.000	500
	72 2-Nitropropane	41	6.878	6.878	(1.463)	443532	100.000	110
	73 trans-1,3-Dichloropropene	75	7.134	7.134	(1.518)	1251914	50.0000	55
	74 1,1,2-Trichloroethane	97	7.316	7.316	(1.556)	818181	50.0000	50
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1516413	25.0000	
	76 Toluene	91	6.600	6.600	(0.782)	3407943	50.0000	52
$	77 Toluene-d8	98	6.542	6.542	(0.775)	3699923	50.0000	51
	78 1,1-Dichloro-2-propanone	43	6.894	6.894	(0.817)	2138580	250.000	250

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	782916	50.0000	53
80	Tetrachloroethene	164	7.054	7.054	(0.836)	668138	50.0000	52
81	Ethyl Methacrylate	69	7.412	7.412	(0.878)	1231280	50.0000	56
82	Dibromochloromethane	129	7.513	7.513	(0.890)	921004	50.0000	55
83	1,3-Dichloropropane	76	7.636	7.636	(0.905)	1406973	50.0000	52
84	1,2-Dibromoethane	107	7.759	7.759	(0.919)	875383	50.0000	53
85	n-Butyl Acetate	56	8.516	8.516	(1.009)	333969	50.0000	51(H)
86	2-Hexanone	43	8.169	8.169	(0.968)	595204	50.0000	52
87	1-Chlorohexane	91	8.527	8.527	(1.010)	1011562	50.0000	52(M)
88	Chlorobenzene	112	8.458	8.458	(1.002)	2297520	50.0000	51
89	1,1,1,2-Tetrachloroethane	131	8.570	8.570	(1.015)	810458	50.0000	54
90	Ethylbenzene	106	8.548	8.548	(1.013)	1182702	50.0000	52
91	Xylene (total)mp	106	8.746	8.746	(1.036)	2917592	100.000	100
92	Xylene (total)o	106	9.280	9.280	(1.099)	1466735	50.0000	53
93	Styrene	104	9.349	9.349	(1.107)	2510099	50.0000	53
94	Bromoform	173	9.328	9.328	(1.105)	627911	50.0000	56
* 95	1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	795065	25.0000	
96	Isopropylbenzene	105	9.658	9.658	(0.882)	3154526	50.0000	50
97	Bromobenzene	156	9.995	9.995	(0.913)	1016529	50.0000	51
98	1,1,2,2-Tetrachloroethane	83	10.171	10.171	(0.929)	990796	50.0000	51
99	4-Ethyltoluene	105	10.203	10.203	(0.932)	3122347	50.0000	50
100	1,2,3-Trichloropropane	110	10.262	10.262	(0.938)	324222	50.0000	50
101	trans-1,4-Dichloro-2-Butene	53	10.326	10.326	(0.943)	398307	100.000	110
102	n-Propylbenzene	91	10.085	10.085	(0.921)	3586548	50.0000	50
103	2-Chlorotoluene	91	10.203	10.203	(0.932)	2643610	50.0000	52
104	4-Chlorotoluene	91	10.363	10.363	(0.947)	2519956	50.0000	52
105	1,3,5-Trimethylbenzene	105	10.294	10.294	(0.941)	2635821	50.0000	50
106	tert-Butylbenzene	119	10.571	10.571	(0.966)	2184530	50.0000	50
107	1,2,4-Trimethylbenzene	105	10.635	10.635	(0.972)	2748795	50.0000	54
108	sec-Butylbenzene	105	10.726	10.726	(0.980)	2979395	50.0000	50
109	4-Isopropyltoluene	119	10.870	10.870	(0.993)	2661492	50.0000	50
110	1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	1701611	50.0000	52
111	1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	1759680	50.0000	52
112	1,2-Dichlorobenzene	146	11.292	11.292	(1.032)	1717712	50.0000	52
113	Benzyl Chloride	126	11.174	11.174	(1.021)	442039	50.0000	50
114	1,4-Diethylbenzene	119	11.169	11.169	(1.020)	1521256	50.0000	50
115	n-Butylbenzene	91	11.212	11.212	(1.024)	2238351	50.0000	50(H)
118	1,2,4,5-Tetramethylbenzene	119	11.799	11.799	(1.078)	2777482	50.0000	50
119	1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	194719	50.0000	54
120	Nitrobenzene	77	12.322	12.322	(1.126)	862643	500.000	470
121	1,2,4-Trichlorobenzene	180	12.412	12.412	(1.134)	1290943	50.0000	54
122	Hexachlorobutadiene	225	12.412	12.412	(1.134)	551872	50.0000	48
123	Naphthalene	128	12.642	12.642	(1.155)	3781859	50.0000	54
124	1,2,3-Trichlorobenzene	180	12.770	12.770	(1.167)	1273938	50.0000	54
$ 125	Bromofluorobenzene	95	9.920	9.920	(0.906)	1373012	50.0000	51
M 126	1,2-Dichloroethene (total)	100				1733618	100.000	98
M 127	Xylene (total)	100				4384327	150.000	160

QC Flag Legend

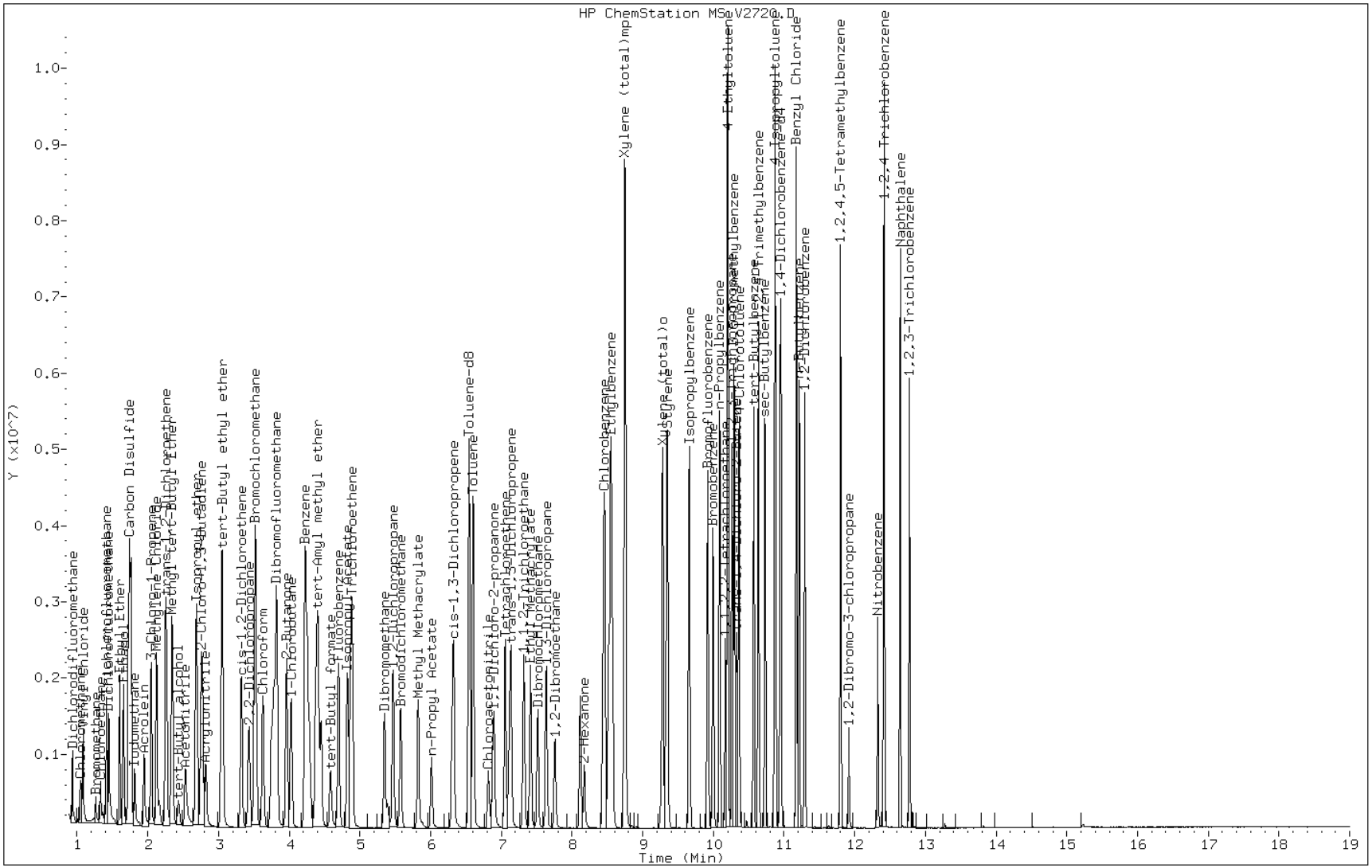
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V2720.D

Date: 23-MAR-2009 14:20

Client ID: IC;50 Instrument: msv.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2720.D
Inj. Date and Time: 23-MAR-2009 14:20
Instrument ID: msv.i
Client ID: IC;50
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 03/24/2009

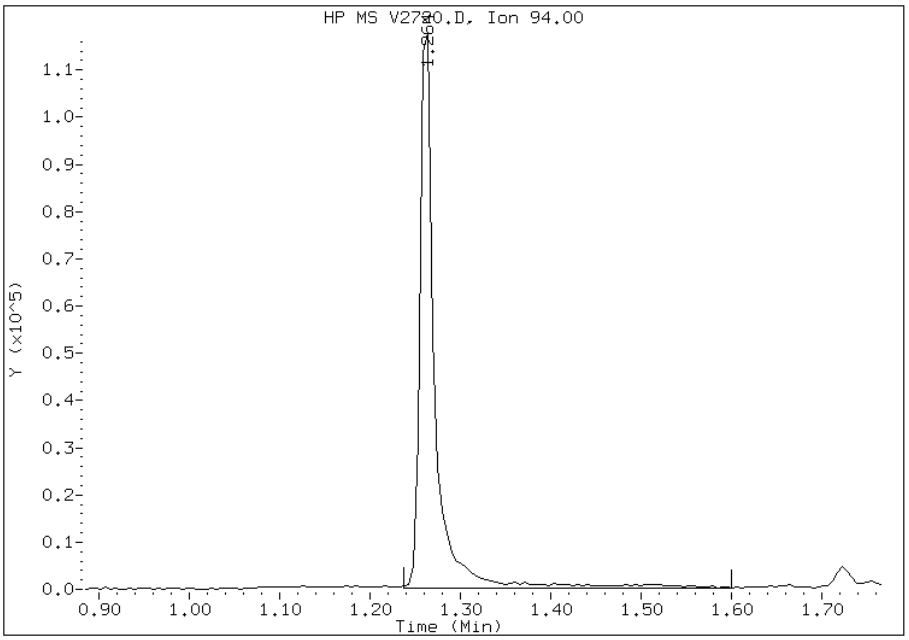
Processing Integration Results

RT: 1.26

Response: 139224

Amount: 60

Conc: 60



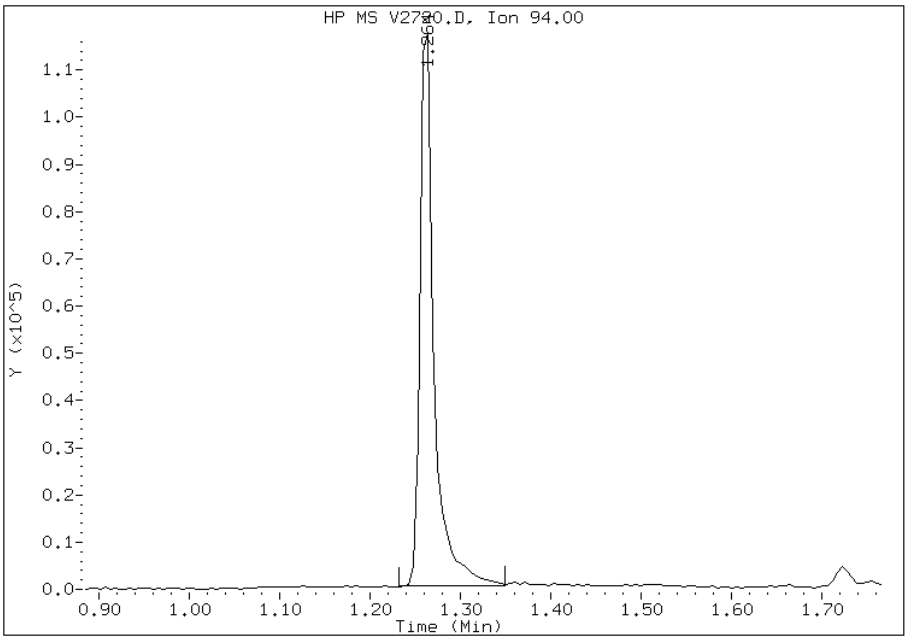
Manual Integration Results

RT: 1.26

Response: 128362

Amount: 52

Conc: 52



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2720.D
Inj. Date and Time: 23-MAR-2009 14:20
Instrument ID: msv.i
Client ID: IC;50
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 03/24/2009

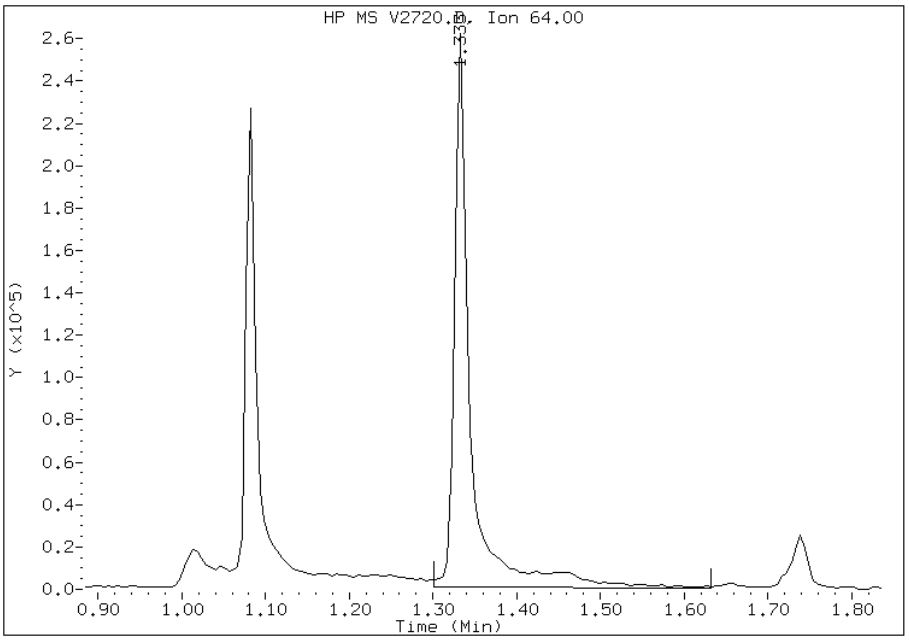
Processing Integration Results

RT: 1.33

Response: 354503

Amount: 37

Conc: 37



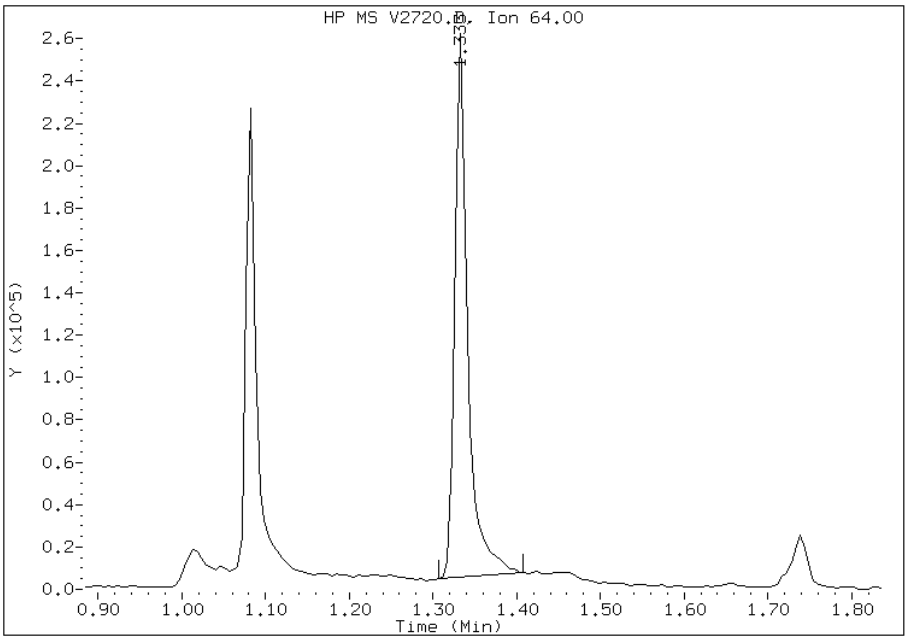
Manual Integration Results

RT: 1.33

Response: 279183

Amount: 49

Conc: 49



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2720.D
Inj. Date and Time: 23-MAR-2009 14:20
Instrument ID: msv.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/24/2009

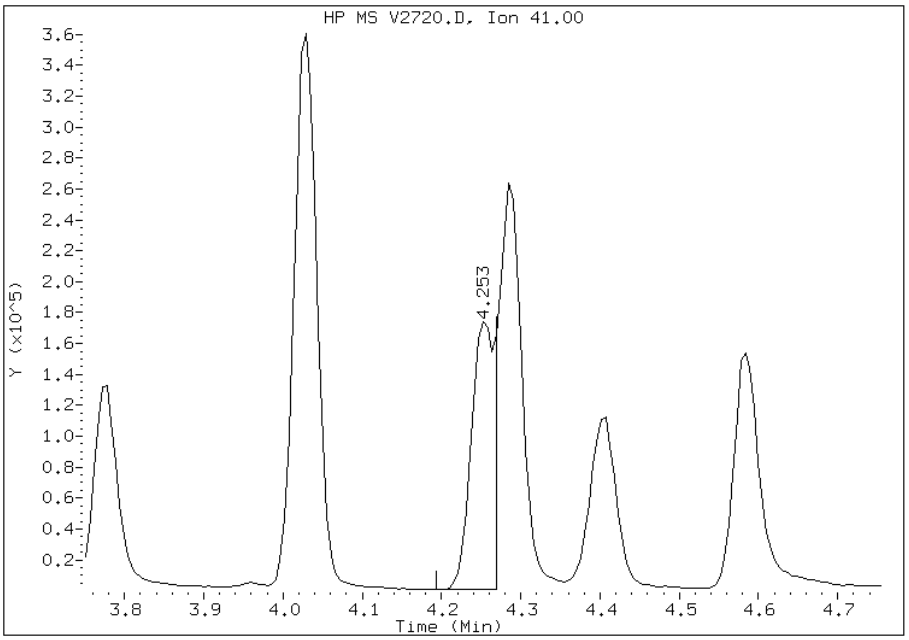
Processing Integration Results

RT: 4.25

Response: 362070

Amount: 40

Conc: 40



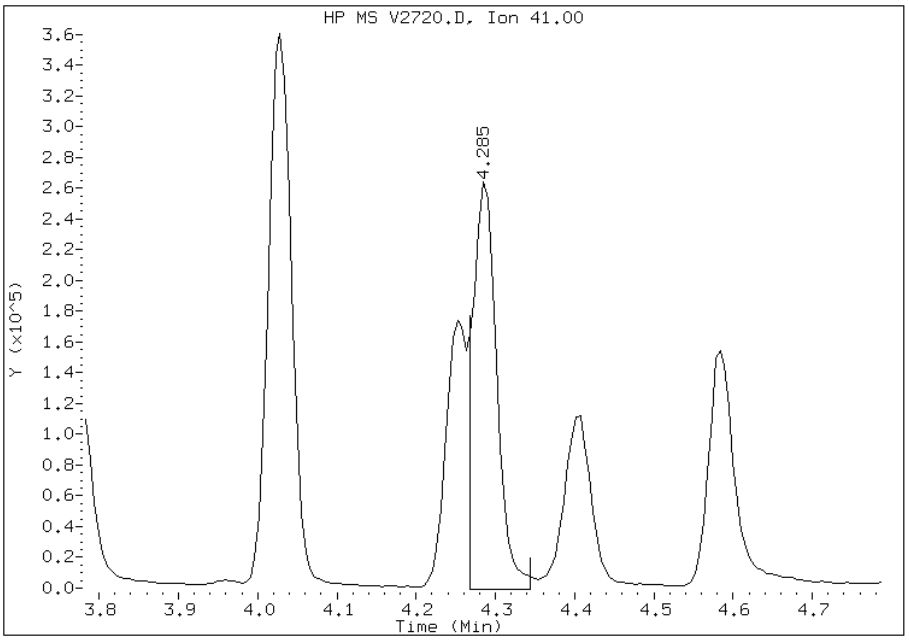
Manual Integration Results

RT: 4.28

Response: 548123

Amount: 51

Conc: 51



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2720.D
Inj. Date and Time: 23-MAR-2009 14:20
Instrument ID: msv.i
Client ID: IC;50
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/24/2009

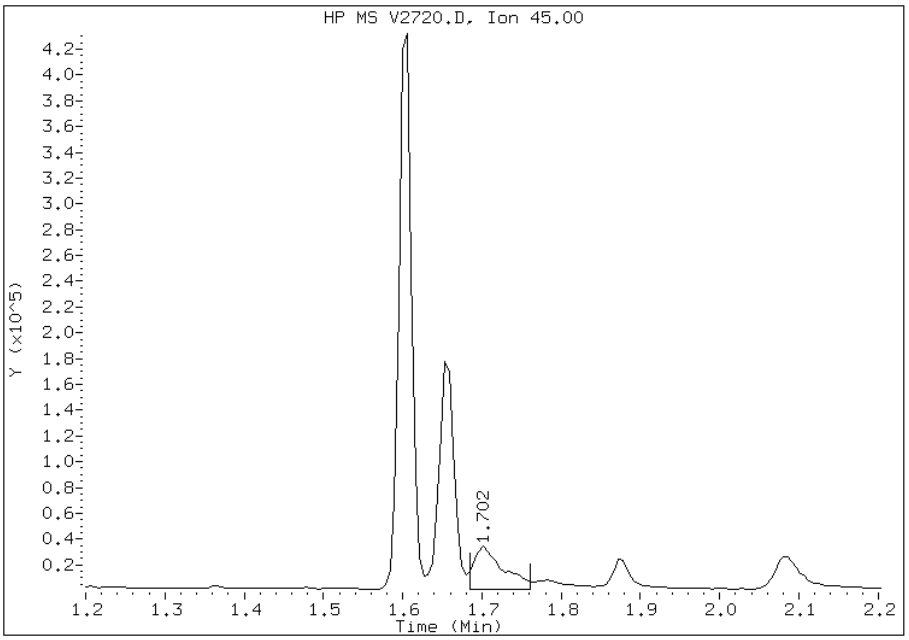
Processing Integration Results

RT: 1.70

Response: 83718

Amount: 42

Conc: 42



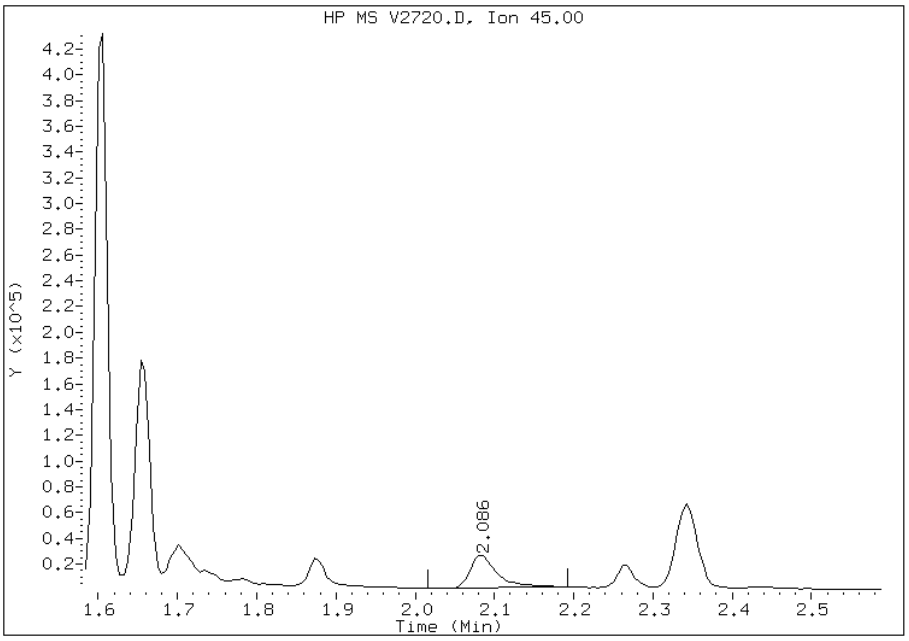
Manual Integration Results

RT: 2.09

Response: 57690

Amount: 53

Conc: 53



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2720.D
Inj. Date and Time: 23-MAR-2009 14:20
Instrument ID: msv.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/24/2009

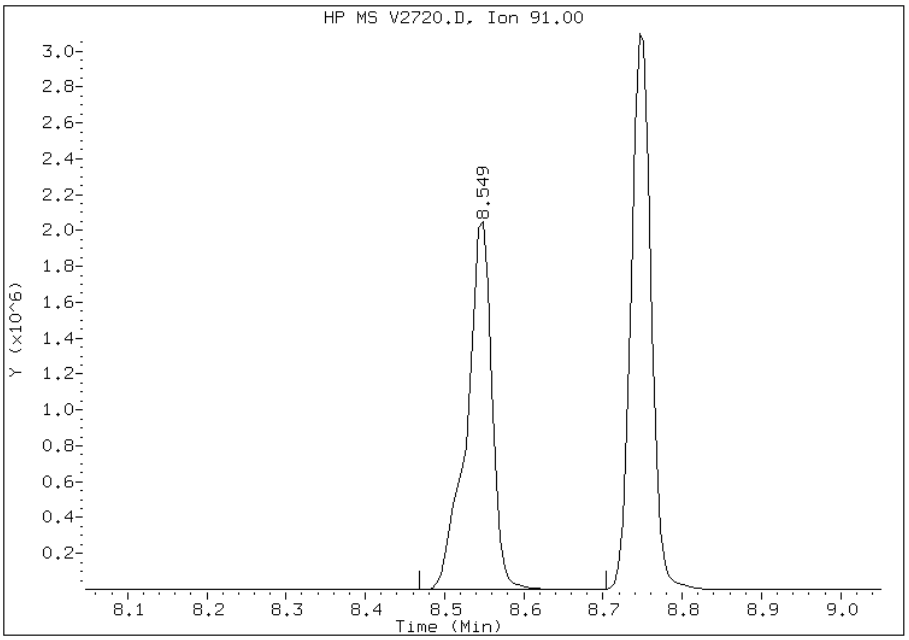
Processing Integration Results

RT: 8.55

Response: 4481802

Amount: 52

Conc: 52



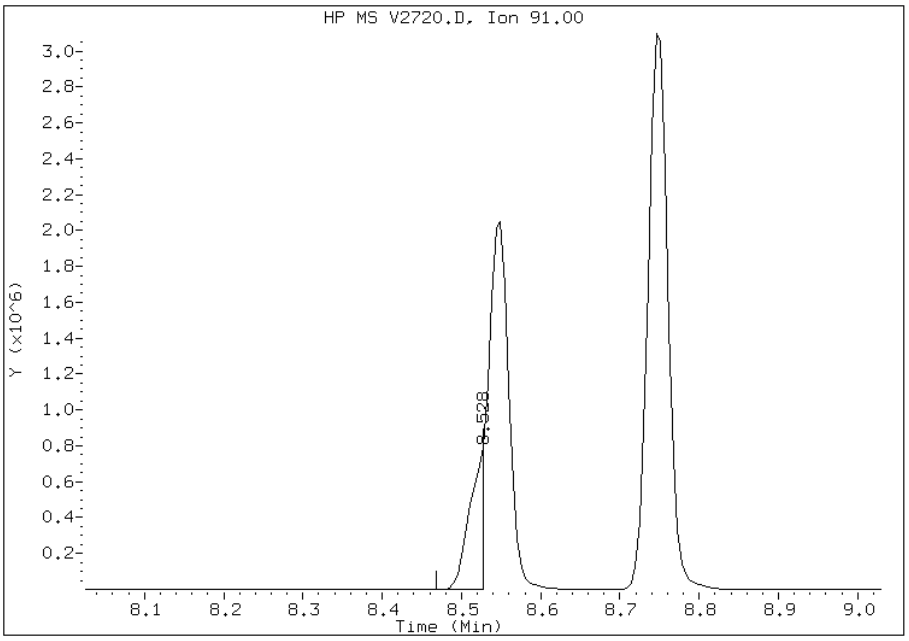
Manual Integration Results

RT: 8.53

Response: 1011562

Amount: 52

Conc: 52



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2720.D
Inj. Date and Time: 23-MAR-2009 14:20
Instrument ID: msv.i
Client ID: IC;50
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/24/2009

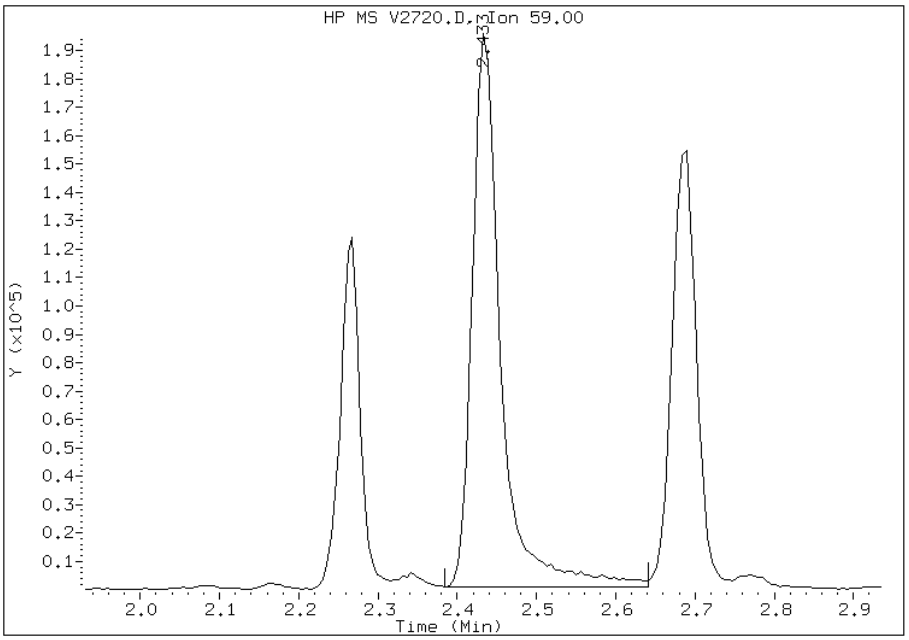
Processing Integration Results

RT: 2.43

Response: 485053

Amount: 232

Conc: 232



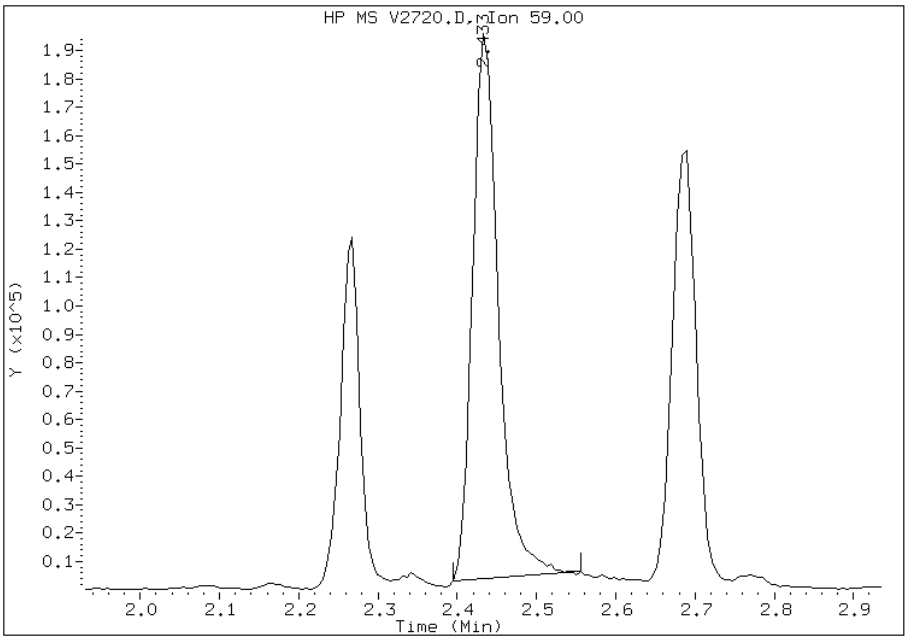
Manual Integration Results

RT: 2.43

Response: 431416

Amount: 234

Conc: 234



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2720.D
Inj. Date and Time: 23-MAR-2009 14:20
Instrument ID: msv.i
Client ID: IC;50
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2009

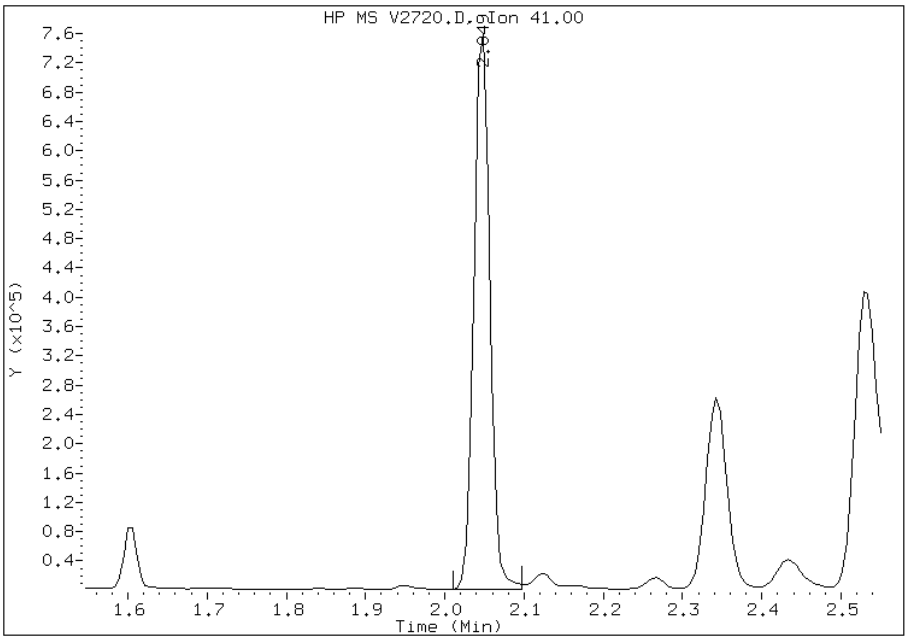
Processing Integration Results

RT: 2.05

Response: 1044519

Amount: 472

Conc: 472



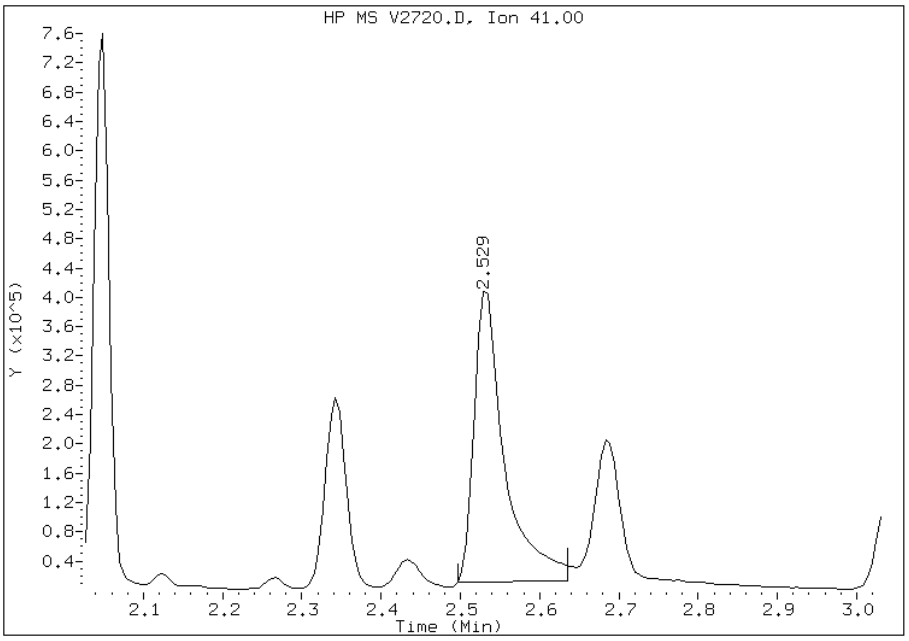
Manual Integration Results

RT: 2.53

Response: 1050786

Amount: 486

Conc: 486



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V2721.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 23-MAR-2009 14:46 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V8260LOW.m
Meth Date : 24-Mar-2009 10:13 msv.i Quant Type: ISTD
Cal Date : 23-MAR-2009 14:20 Cal File: V2720.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.700	4.700	(1.000)	2096345	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.198)	1044408	100.000	100
3	Chloromethane	50	1.050	1.050	(0.223)	1383815	100.000	100(A)
4	Vinyl Chloride	62	1.082	1.082	(0.230)	1223057	100.000	100(AH)
5	Bromomethane	94	1.264	1.264	(0.269)	371832	100.000	100(M)
6	Chloroethane	64	1.328	1.328	(0.283)	462091	100.000	100(AM)
7	Trichlorofluoromethane	101	1.413	1.413	(0.301)	1462518	100.000	98
8	Dichlorofluoromethane	67	1.445	1.445	(0.307)	1818240	100.000	88
9	Ethyl Ether	45	1.605	1.605	(0.342)	916608	100.000	89
10	Ethanol	45	1.653	1.653	(0.352)	458142	1000.00	990
11	Freon 141	81	1.653	1.653	(0.352)	2038427	100.000	95
12	Freon 123	67	1.765	1.765	(0.376)	287886	100.000	100(A)
13	Trichlorotrifluoroethane	101	1.755	1.755	(0.373)	1226106	100.000	100
14	1,1-Dichloroethene	96	1.722	1.722	(0.366)	1274566	100.000	98
15	Carbon Disulfide	76	1.739	1.739	(0.370)	4632772	100.000	95
16	Iodomethane	142	1.813	1.813	(0.386)	1501408	100.000	100(M)
17	Acrolein	56	1.947	1.947	(0.414)	1709099	500.000	510(A)
18	2-Propanol	45	2.085	2.085	(0.444)	106241	100.000	99(M)
19	3-Chloro-1-Propene	41	2.048	2.048	(0.436)	2123133	100.000	110(A)
20	Methylene Chloride	84	2.123	2.123	(0.452)	1676279	100.000	100
21	Acetone	43	2.165	2.165	(0.461)	516633	100.000	100
22	trans-1,2-Dichloroethene	96	2.246	2.246	(0.478)	1622331	100.000	100(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.267	2.267	(0.482)	4142784	100.000	98
	24 Methyl tert-Butyl Ether	73	2.342	2.342	(0.498)	5272727	100.000	100(A)
	25 tert-Butyl alcohol	59	2.438	2.438	(0.519)	928612	500.000	510(AM)
	26 Acetonitrile	41	2.534	2.534	(0.539)	2142599	1000.00	1000(AM)
	27 Isopropyl ether	45	2.688	2.688	(0.572)	5081361	100.000	100(A)
	28 tert-Butyl ethyl ether	59	3.051	3.051	(0.649)	5198246	100.000	100(A)
	29 2-Chloro-1,3-Butadiene	88	2.753	2.753	(0.586)	1273006	100.000	110(A)
	30 Acrylonitrile	53	2.822	2.822	(0.600)	1438246	200.000	200
	31 1,1-Dichloroethane	63	2.774	2.774	(0.590)	2696873	100.000	99
	32 Vinyl Acetate	43	3.051	3.051	(0.649)	3938634	100.000	110(A)
	33 cis-1,2-Dichloroethene	96	3.324	3.324	(0.707)	1880759	100.000	100(A)
	34 2,2-Dichloropropane	77	3.430	3.430	(0.730)	1999958	100.000	110(A)
	35 Bromochloromethane	128	3.526	3.526	(0.750)	917512	100.000	98
	36 1-Bromopropane	43	3.505	3.505	(0.746)	2100390	100.000	96
	37 Cyclohexane	84	3.521	3.521	(0.749)	1891152	100.000	100(A)
	38 Chloroform	83	3.628	3.628	(0.772)	2783959	100.000	99
	39 Ethyl Acetate	43	3.793	3.793	(0.807)	1491344	200.000	200(A)
	40 Methyl Acrylate	55	3.783	3.783	(0.805)	1660255	100.000	110(A)
$	41 Dibromofluoromethane	111	3.815	3.815	(0.812)	2007330	100.000	100(A)
	42 Tetrahydrofuran	42	3.777	3.777	(0.804)	1248487	200.000	190
	43 Carbon Tetrachloride	117	3.745	3.745	(0.797)	1789188	100.000	120(A)
	44 1,1,1-Trichloroethane	97	3.820	3.820	(0.813)	2222245	100.000	100(A)
	45 2-Butanone	43	3.959	3.959	(0.842)	703672	100.000	95
	46 1,1-Dichloropropene	75	3.964	3.964	(0.843)	2046002	100.000	100(A)
	47 tert-Amyl methyl ether	73	4.407	4.407	(0.938)	5032168	100.000	100(A)
	48 tert-Butyl formate	57	4.583	4.583	(0.975)	76975	100.000	94
	49 1-Chlorobutane	56	4.028	4.028	(0.857)	2875349	100.000	100(A)
	50 Heptane	43	4.252	4.252	(0.905)	1164456	100.000	100(A)
	51 Propionitrile	54	4.263	4.263	(0.907)	2723113	1000.00	1000(A)
	52 Benzene	78	4.226	4.226	(0.899)	6567254	100.000	100(A)
	53 2-Methyl-2-Propenenitrile	41	4.290	4.290	(0.913)	1092479	100.000	100(AM)
	54 Isobutyl alcohol	42	4.402	4.402	(0.936)	192159	1000.00	990
$	55 1,2-Dichloroethane-d4	65	4.375	4.375	(0.931)	2136190	100.000	98
	56 1,2-Dichloroethane	62	4.450	4.450	(0.947)	2033470	100.000	99
	59 Methyl Cyclohexane	83	4.866	4.866	(1.035)	1927165	100.000	100(A)
	60 Trichloroethene	130	4.893	4.893	(1.041)	1768808	100.000	100(A)
	61 Isopropyl Acetate	43	4.823	4.823	(1.026)	4286694	200.000	210(A)
	62 n-Butanol	56	5.394	5.394	(1.148)	511364	1000.00	1000(A)
	63 Dibromomethane	93	5.346	5.346	(1.137)	1122142	100.000	100(A)
	64 1,2-Dichloropropane	63	5.469	5.469	(1.163)	1683961	100.000	99
	65 Bromodichloromethane	83	5.576	5.576	(1.186)	2182651	100.000	100(A)
	66 Methyl Methacrylate	69	5.821	5.821	(1.238)	1409014	100.000	110(A)
	67 1,4-Dioxane	58	5.816	5.816	(1.237)	141097	1000.00	1000(A)
	68 n-Propyl Acetate	43	6.013	6.013	(1.279)	1819694	200.000	220(A)
	69 2-Chloroethylvinylether	63	6.302	6.302	(1.341)	1024106	100.000	100(A)
	70 cis-1,3-Dichloropropene	75	6.323	6.323	(1.345)	2698349	100.000	110(A)
	71 Chloroacetonitrile	48	6.814	6.814	(1.450)	590006	1000.00	1000
	72 2-Nitropropane	41	6.878	6.878	(1.463)	902505	200.000	220(A)
	73 trans-1,3-Dichloropropene	75	7.134	7.134	(1.518)	2507939	100.000	110(A)
	74 1,1,2-Trichloroethane	97	7.316	7.316	(1.556)	1599310	100.000	100
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1509552	25.0000	
	76 Toluene	91	6.600	6.600	(0.782)	6816441	100.000	100(A)
$	77 Toluene-d8	98	6.542	6.542	(0.775)	7340248	100.000	100(A)
	78 1,1-Dichloro-2-propanone	43	6.894	6.894	(0.817)	4263646	500.000	500

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	1530671	100.000	100(A)
80	Tetrachloroethene	164	7.054	7.054	(0.836)	1363876	100.000	110(A)
81	Ethyl Methacrylate	69	7.412	7.412	(0.878)	2415184	100.000	110(A)
82	Dibromochloromethane	129	7.513	7.513	(0.890)	1858139	100.000	110(A)
83	1,3-Dichloropropane	76	7.636	7.636	(0.905)	2758397	100.000	100(A)
84	1,2-Dibromoethane	107	7.759	7.759	(0.919)	1740843	100.000	110(A)
85	n-Butyl Acetate	56	8.516	8.516	(1.009)	686609	100.000	100(AMH)
86	2-Hexanone	43	8.175	8.175	(0.968)	1159773	100.000	100(A)
87	1-Chlorohexane	91	8.527	8.527	(1.010)	1962911	100.000	100(M)
88	Chlorobenzene	112	8.463	8.463	(1.003)	4594123	100.000	100(A)
89	1,1,1,2-Tetrachloroethane	131	8.570	8.570	(1.015)	1659243	100.000	110(A)
90	Ethylbenzene	106	8.548	8.548	(1.013)	2375848	100.000	100(A)
91	Xylene (total)mp	106	8.751	8.751	(1.037)	5744730	200.000	210(A)
92	Xylene (total)o	106	9.280	9.280	(1.099)	2901424	100.000	100(A)
93	Styrene	104	9.349	9.349	(1.107)	4979277	100.000	110(A)
94	Bromoform	173	9.328	9.328	(1.105)	1300661	100.000	120(A)
* 95	1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	800694	25.0000	
96	Isopropylbenzene	105	9.658	9.658	(0.882)	6299346	100.000	100
97	Bromobenzene	156	9.995	9.995	(0.913)	2030398	100.000	100(A)
98	1,1,2,2-Tetrachloroethane	83	10.171	10.171	(0.929)	1925834	100.000	99
99	4-Ethyltoluene	105	10.203	10.203	(0.932)	6189212	100.000	99
100	1,2,3-Trichloropropane	110	10.262	10.262	(0.938)	643916	100.000	99
101	trans-1,4-Dichloro-2-Butene	53	10.331	10.331	(0.944)	815898	200.000	220(A)
102	n-Propylbenzene	91	10.085	10.085	(0.921)	7083406	100.000	99
103	2-Chlorotoluene	91	10.203	10.203	(0.932)	5164707	100.000	100(A)
104	4-Chlorotoluene	91	10.363	10.363	(0.947)	4996671	100.000	100(A)
105	1,3,5-Trimethylbenzene	105	10.299	10.299	(0.941)	5278134	100.000	100
106	tert-Butylbenzene	119	10.571	10.571	(0.966)	4415694	100.000	100
107	1,2,4-Trimethylbenzene	105	10.635	10.635	(0.972)	5442747	100.000	110(A)
108	sec-Butylbenzene	105	10.731	10.731	(0.980)	5954489	100.000	100
109	4-Isopropyltoluene	119	10.870	10.870	(0.993)	5273570	100.000	100
110	1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	3407082	100.000	100(A)
111	1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	3540540	100.000	100(A)
112	1,2-Dichlorobenzene	146	11.292	11.292	(1.032)	3454683	100.000	100(A)
113	Benzyl Chloride	126	11.174	11.174	(1.021)	898749	100.000	100(A)
114	1,4-Diethylbenzene	119	11.169	11.169	(1.020)	3082114	100.000	100(A)
115	n-Butylbenzene	91	11.212	11.212	(1.024)	4548859	100.000	100(AH)
118	1,2,4,5-Tetramethylbenzene	119	11.799	11.799	(1.078)	5551132	100.000	100
119	1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	395951	100.000	110(A)
120	Nitrobenzene	77	12.322	12.322	(1.126)	1974410	1000.00	1000(A)
121	1,2,4-Trichlorobenzene	180	12.418	12.418	(1.135)	2626311	100.000	110(A)
122	Hexachlorobutadiene	225	12.412	12.412	(1.134)	1166703	100.000	100(A)
123	Naphthalene	128	12.642	12.642	(1.155)	7231685	100.000	100(A)
124	1,2,3-Trichlorobenzene	180	12.775	12.775	(1.167)	2578943	100.000	110(A)
$ 125	Bromofluorobenzene	95	9.920	9.920	(0.906)	2733430	100.000	100(A)
M 126	1,2-Dichloroethene (total)	100				3503090	200.000	200
M 127	Xylene (total)	100				8646154	300.000	310

QC Flag Legend

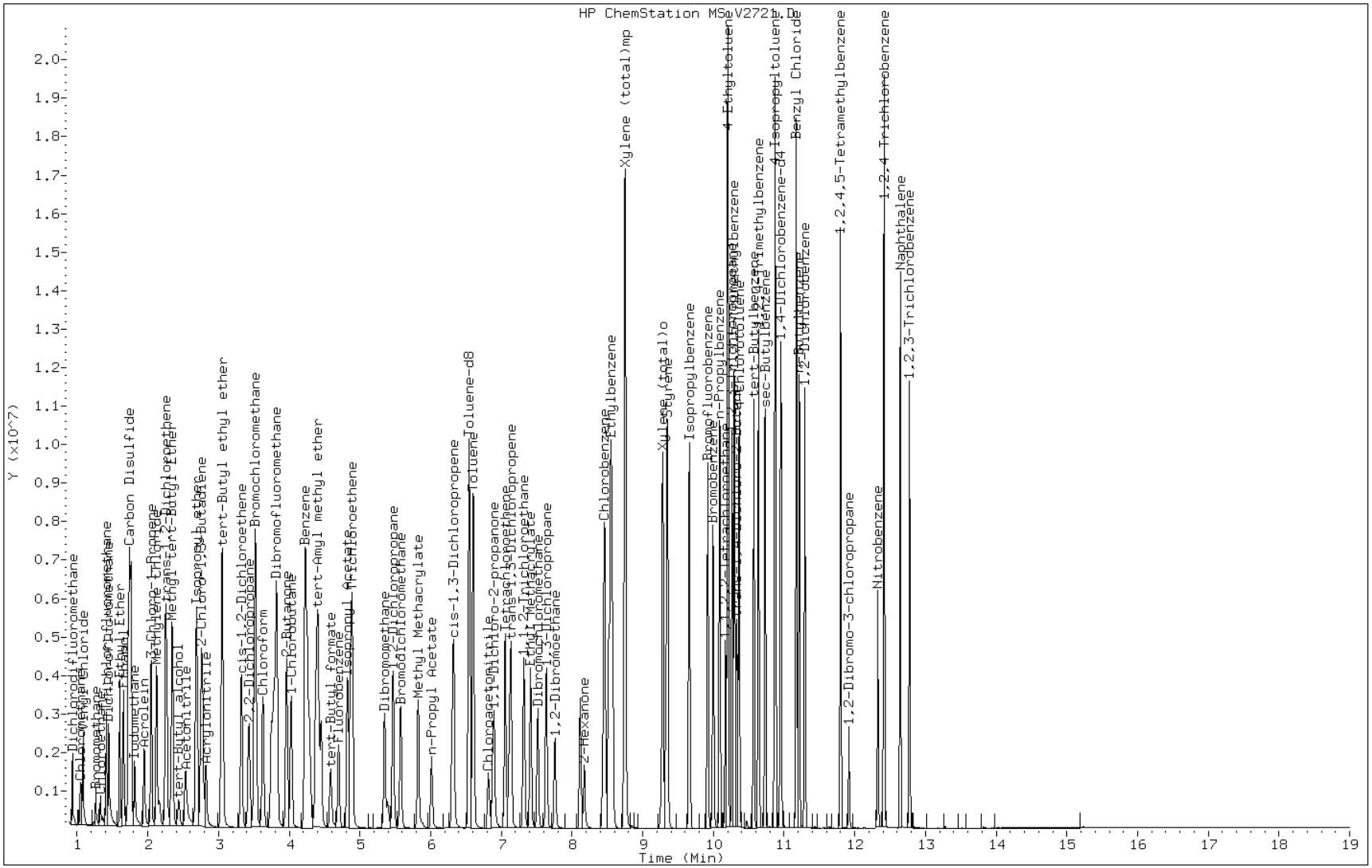
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V2721.D

Date: 23-MAR-2009 14:46

Client ID: IC;100 Instrument: msv.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/24/2009

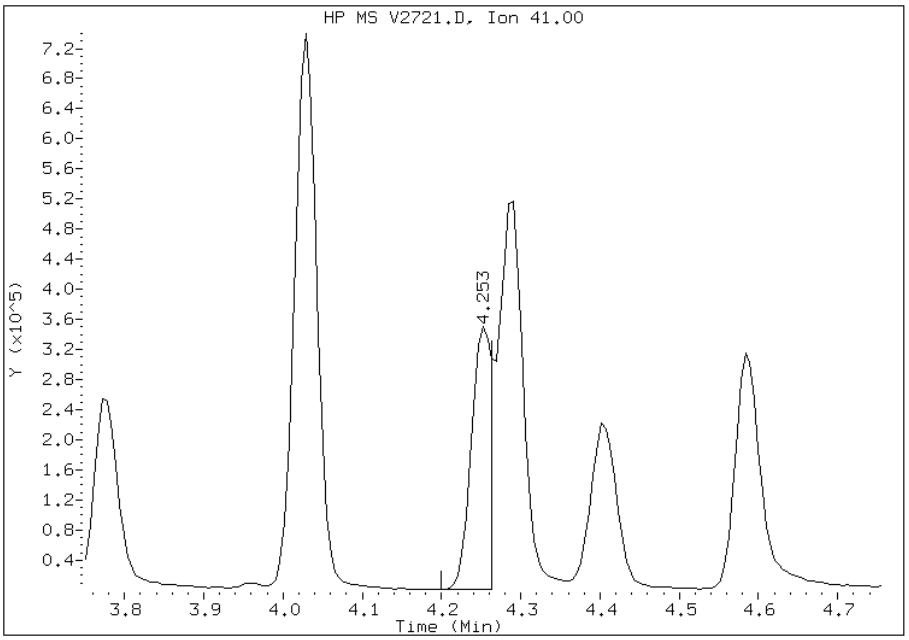
Processing Integration Results

RT: 4.25

Response: 613755

Amount: 65

Conc: 65



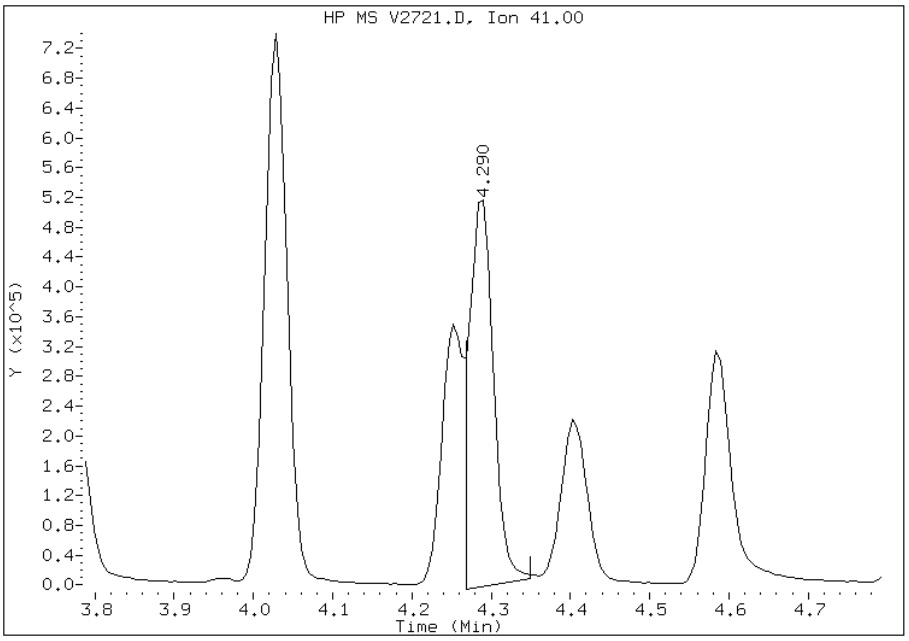
Manual Integration Results

RT: 4.29

Response: 1092479

Amount: 103

Conc: 103



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/24/2009

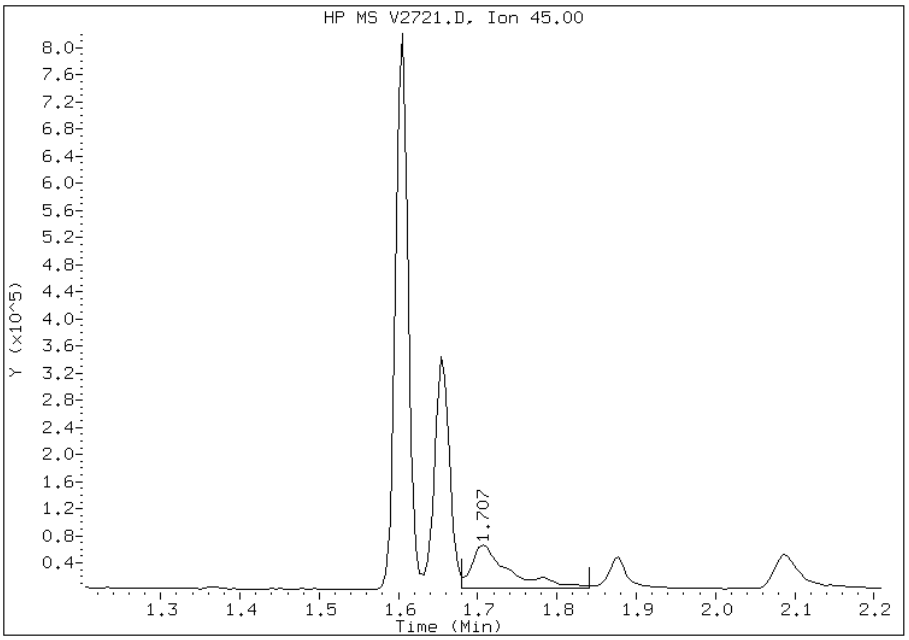
Processing Integration Results

RT: 1.71

Response: 215287

Amount: 105

Conc: 105



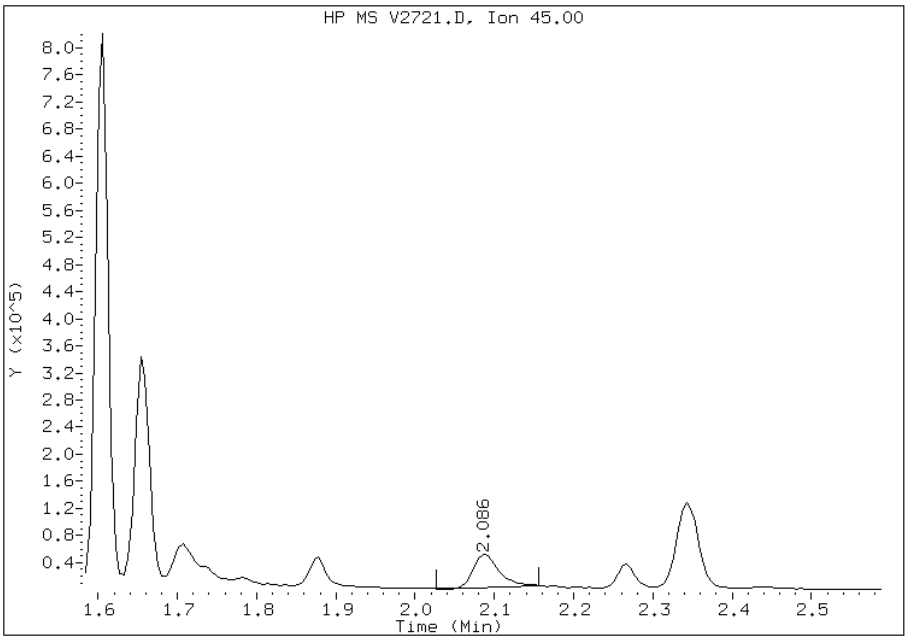
Manual Integration Results

RT: 2.09

Response: 106241

Amount: 99

Conc: 99



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 03/24/2009

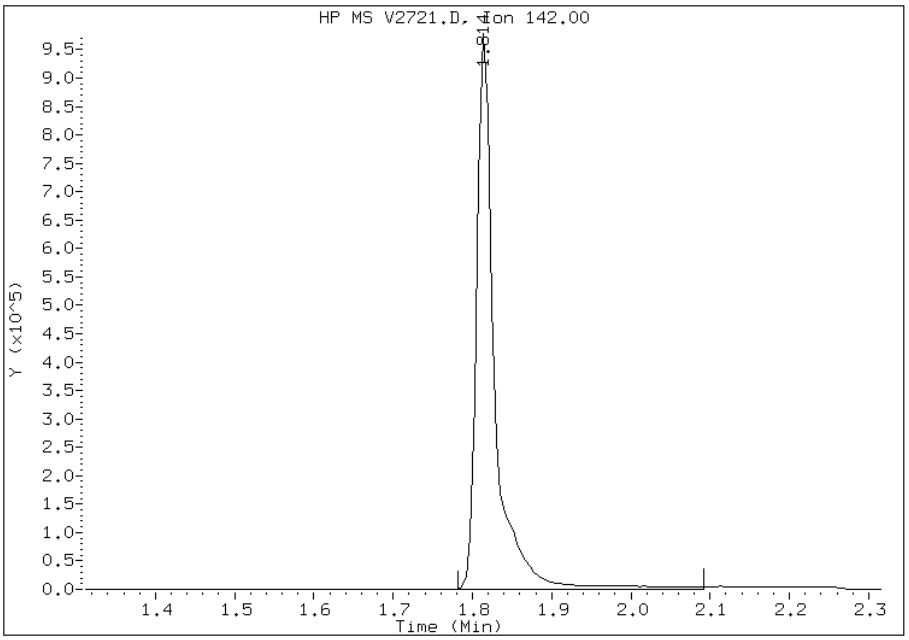
Processing Integration Results

RT: 1.81

Response: 1540197

Amount: 133

Conc: 133



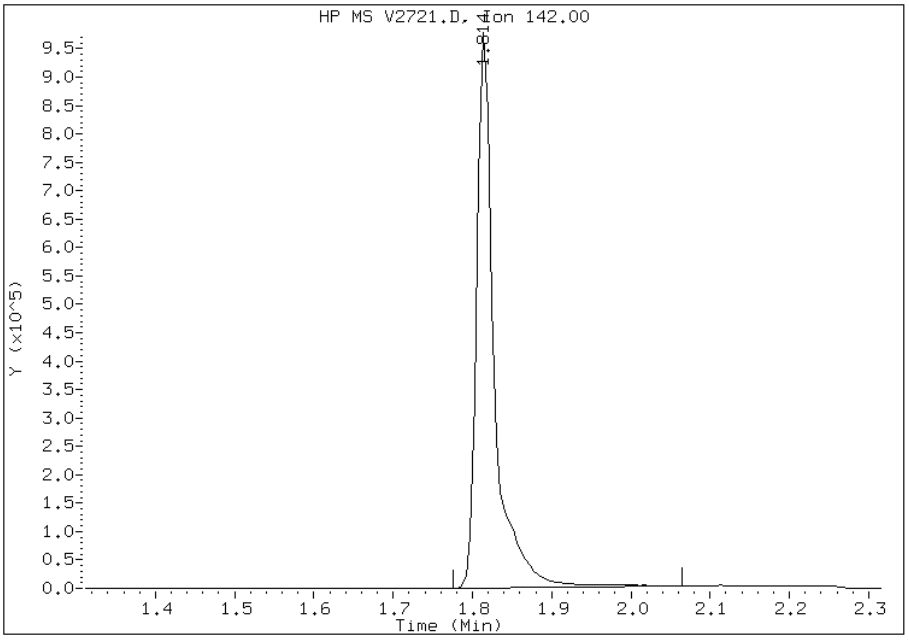
Manual Integration Results

RT: 1.81

Response: 1501408

Amount: 100

Conc: 100



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/24/2009

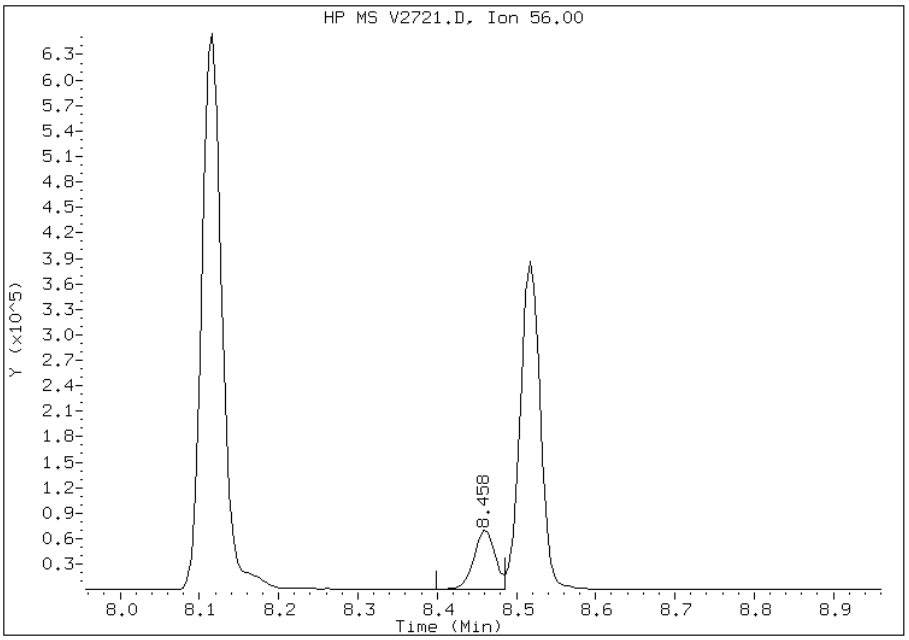
Processing Integration Results

RT: 8.46

Response: 129373

Amount: 33

Conc: 33



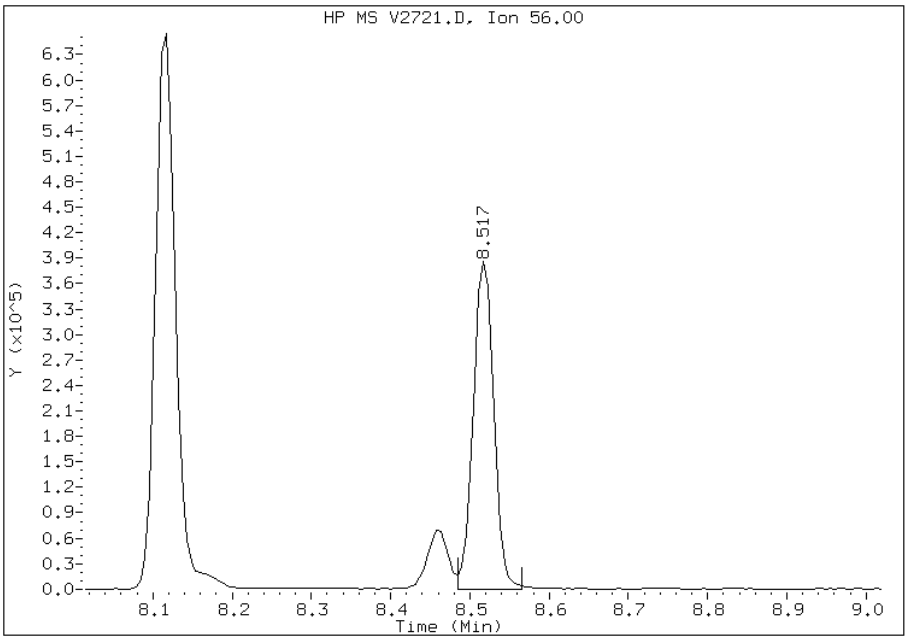
Manual Integration Results

RT: 8.52

Response: 686609

Amount: 105

Conc: 105



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/24/2009

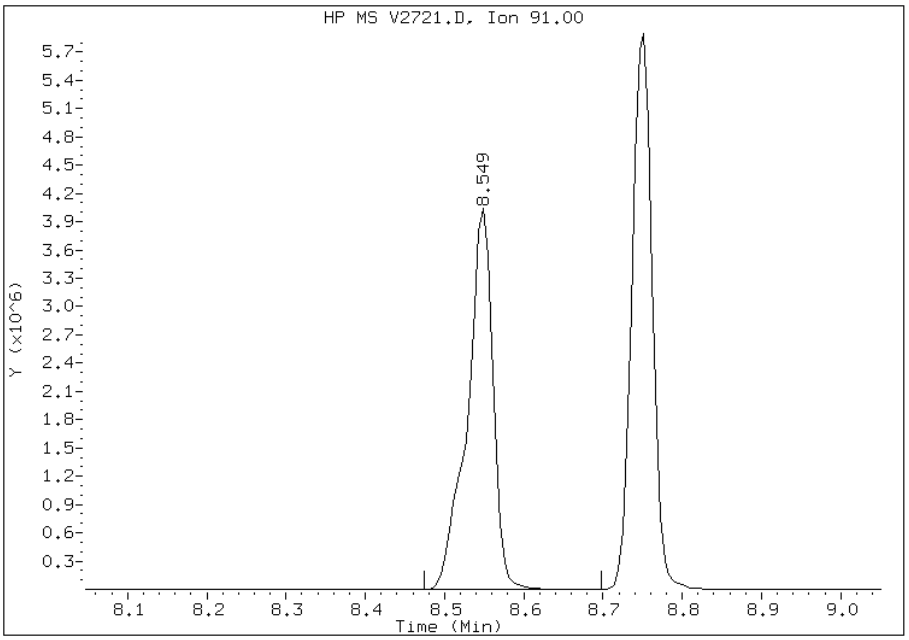
Processing Integration Results

RT: 8.55

Response: 8956951

Amount: 103

Conc: 103



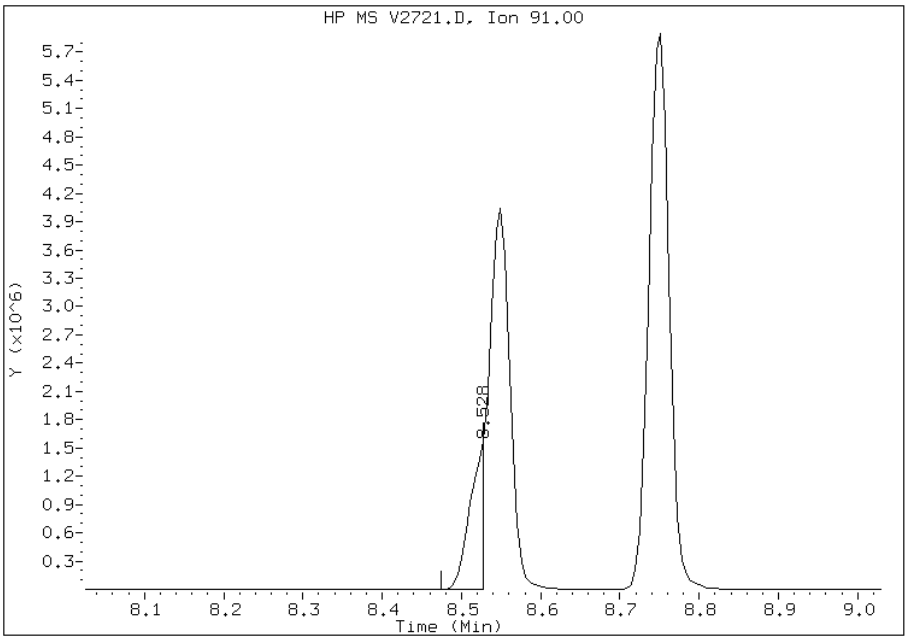
Manual Integration Results

RT: 8.53

Response: 1962911

Amount: 100

Conc: 100



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 03/24/2009

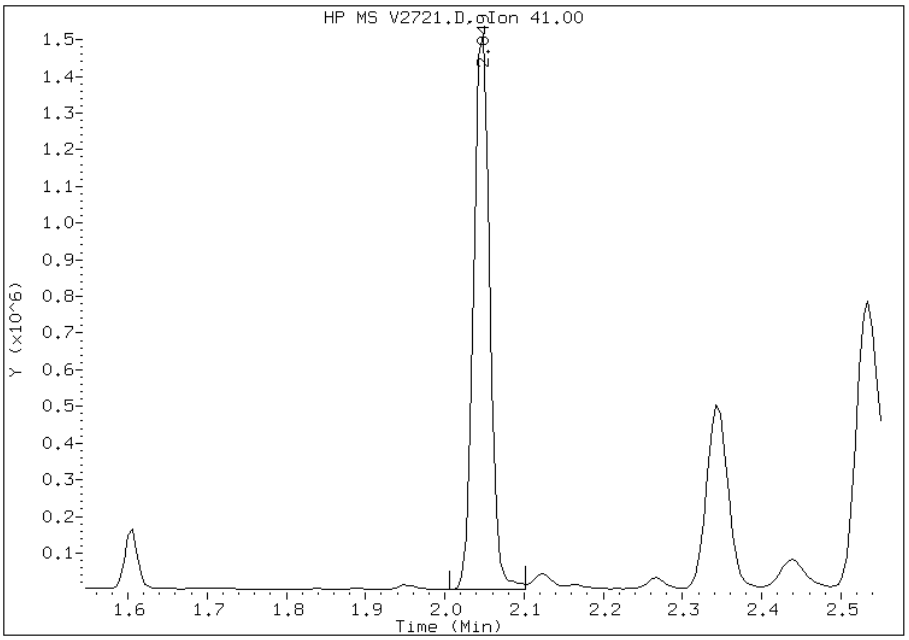
Processing Integration Results

RT: 2.05

Response: 2123133

Amount: 974

Conc: 974



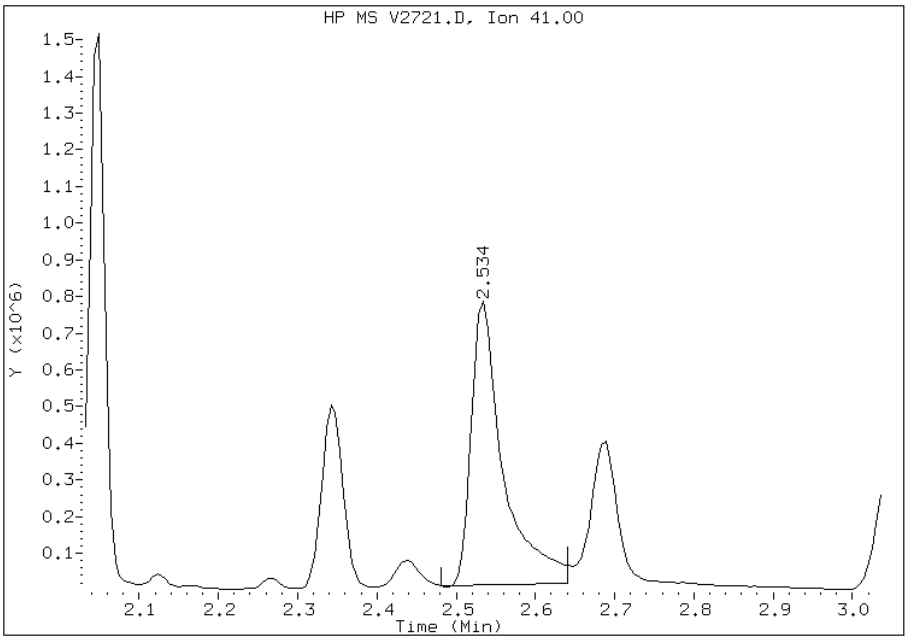
Manual Integration Results

RT: 2.53

Response: 2142599

Amount: 1002

Conc: 1002



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 03/24/2009

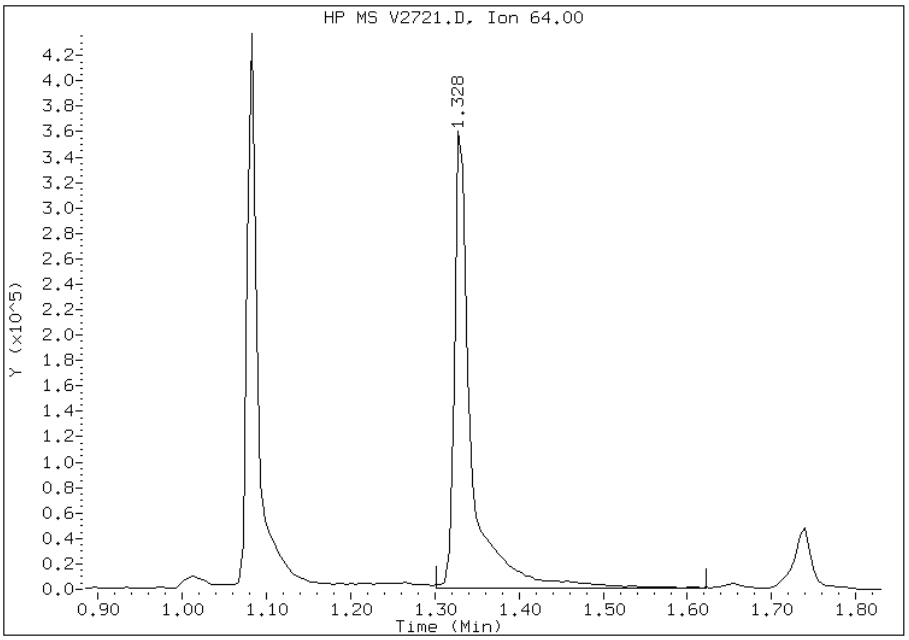
Processing Integration Results

RT: 1.33

Response: 501003

Amount: 44

Conc: 44



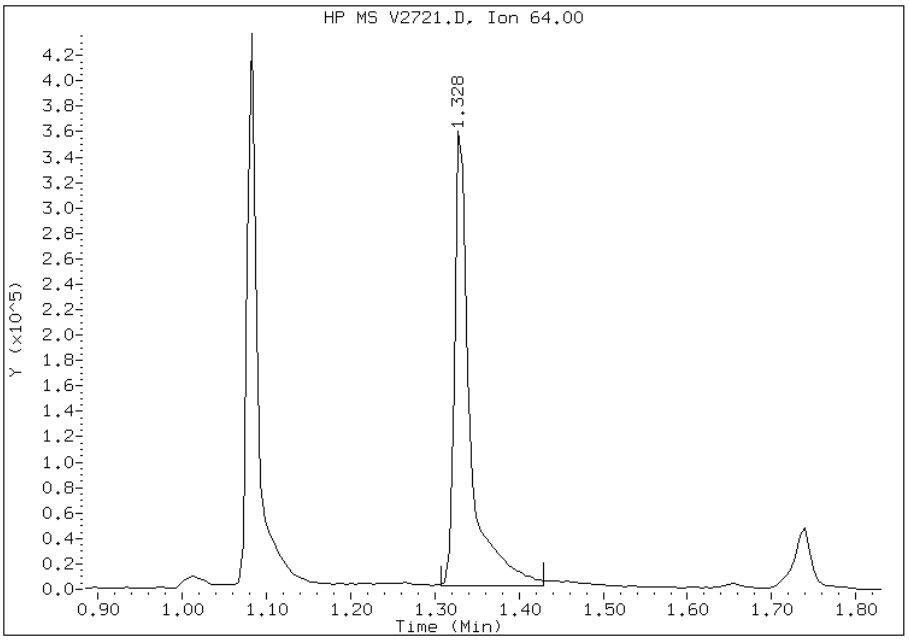
Manual Integration Results

RT: 1.33

Response: 462091

Amount: 100

Conc: 100



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 03/24/2009

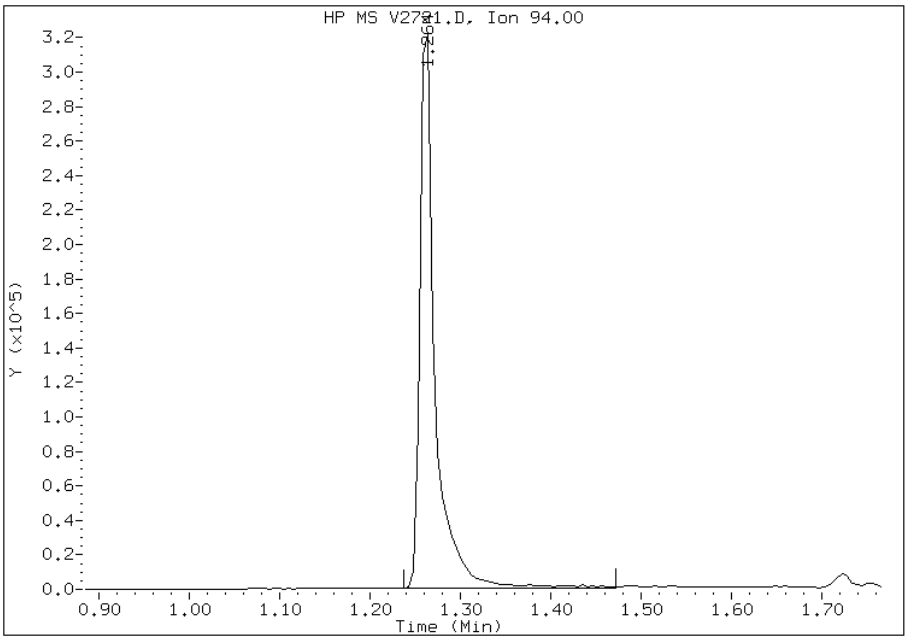
Processing Integration Results

RT: 1.26

Response: 384787

Amount: 169

Conc: 169



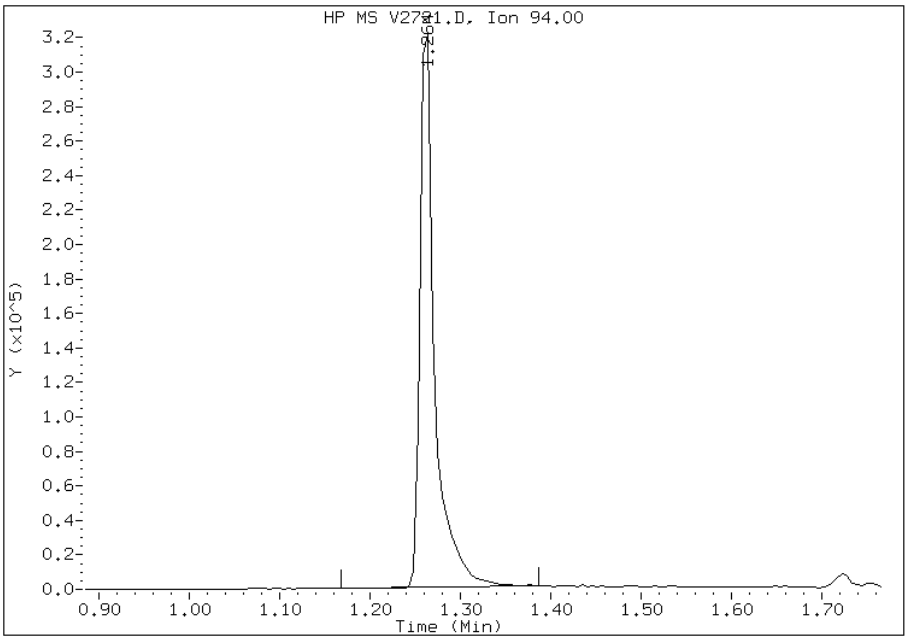
Manual Integration Results

RT: 1.26

Response: 371832

Amount: 100

Conc: 100



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2721.D
Inj. Date and Time: 23-MAR-2009 14:46
Instrument ID: msv.i
Client ID: IC;100
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/24/2009

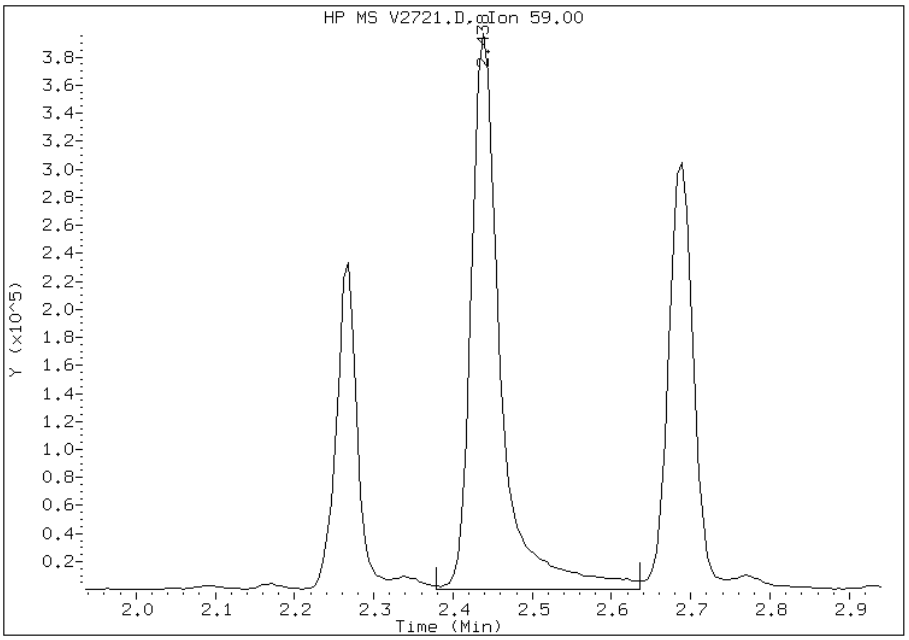
Processing Integration Results

RT: 2.44

Response: 1015543

Amount: 493

Conc: 493



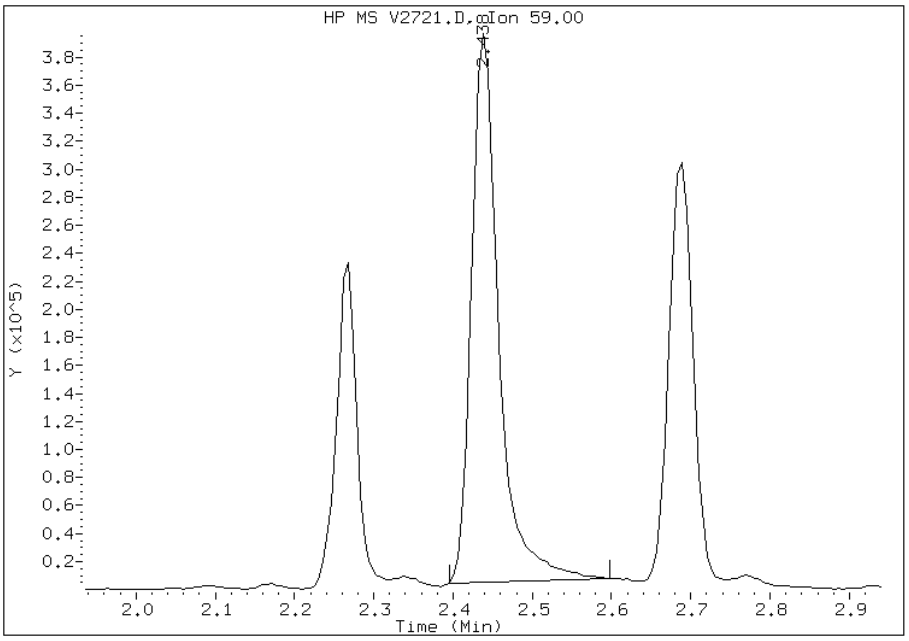
Manual Integration Results

RT: 2.44

Response: 928612

Amount: 507

Conc: 507



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V2726.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 23-MAR-2009 17:45 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;0.5
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V8260LOW.m
Meth Date : 24-Mar-2009 10:13 msv.i Quant Type: ISTD
Cal Date : 23-MAR-2009 14:46 Cal File: V2721.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.700	4.700	(1.000)	1989977	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.198)	2787	0.50000	-0.1(M)
3	Chloromethane	50	1.055	1.055	(0.225)	7403	0.50000	2(M)
4	Vinyl Chloride	62	1.082	1.082	(0.230)	5942	0.50000	0.5
5	Bromomethane	94	1.263	1.263	(0.269)	1792	0.50000	2(M)
6	Chloroethane	64	1.333	1.333	(0.284)	3213	0.50000	0.5(M)
7	Trichlorofluoromethane	101	1.418	1.418	(0.302)	6655	0.50000	-0.9
8	Dichlorofluoromethane	67	1.450	1.450	(0.309)	12159	0.50000	0.6(M)
9	Ethyl Ether	45	1.605	1.605	(0.342)	5206	0.50000	0.5
10	Ethanol	45	1.658	1.658	(0.353)	3240	5.00000	-4
11	Freon 141	81	1.658	1.658	(0.353)	10361	0.50000	0.5
12	Freon 123	67	1.765	1.765	(0.376)	2356	0.50000	0.3
13	Trichlorotrifluoroethane	101	1.754	1.754	(0.373)	4340	0.50000	-0.002
14	1,1-Dichloroethene	96	1.728	1.728	(0.368)	6416	0.50000	0.5
15	Carbon Disulfide	76	1.738	1.738	(0.370)	22926	0.50000	0.5
16	Iodomethane	142	1.813	1.813	(0.386)	8819	0.50000	3
17	Acrolein	56	1.952	1.952	(0.415)	8549	2.50000	3
18	2-Propanol	45	2.085	2.085	(0.444)	933	0.50000	0.8
19	3-Chloro-1-Propene	41	2.048	2.048	(0.436)	8344	0.50000	0.4
20	Methylene Chloride	84	2.123	2.123	(0.452)	29397	0.50000	0.4
21	Acetone	43	2.165	2.165	(0.461)	12804	0.50000	-0.3
22	trans-1,2-Dichloroethene	96	2.251	2.251	(0.479)	7393	0.50000	0.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.267	2.267	(0.482)	20046	0.50000	0.5
	24 Methyl tert-Butyl Ether	73	2.347	2.347	(0.499)	23811	0.50000	0.5
	25 tert-Butyl alcohol	59	2.432	2.432	(0.517)	6408	2.50000	7
	26 Acetonitrile	41	2.539	2.539	(0.540)	11077	5.00000	8
	27 Isopropyl ether	45	2.688	2.688	(0.572)	22586	0.50000	0.5
	28 tert-Butyl ethyl ether	59	3.051	3.051	(0.649)	23760	0.50000	0.5
	29 2-Chloro-1,3-Butadiene	88	2.758	2.758	(0.587)	5259	0.50000	0.5
	30 Acrylonitrile	53	2.827	2.827	(0.602)	7668	1.00000	1
	31 1,1-Dichloroethane	63	2.774	2.774	(0.590)	12579	0.50000	0.5
	32 Vinyl Acetate	43	3.057	3.057	(0.650)	14685	0.50000	0.4
	33 cis-1,2-Dichloroethene	96	3.318	3.318	(0.706)	9033	0.50000	0.5
	34 2,2-Dichloropropane	77	3.436	3.436	(0.731)	7681	0.50000	0.4
	35 Bromochloromethane	128	3.521	3.521	(0.749)	4350	0.50000	0.5
	36 1-Bromopropane	43	3.505	3.505	(0.746)	11716	0.50000	0.6
	37 Cyclohexane	84	3.526	3.526	(0.750)	7872	0.50000	0.02(M)
	38 Chloroform	83	3.628	3.628	(0.772)	14778	0.50000	0.6
	39 Ethyl Acetate	43	3.804	3.804	(0.809)	6209	1.00000	0.9
	40 Methyl Acrylate	55	3.788	3.788	(0.806)	6462	0.50000	0.4
$	41 Dibromofluoromethane	111	3.814	3.814	(0.812)	9239	0.50000	0.5
	42 Tetrahydrofuran	42	3.782	3.782	(0.805)	7408	1.00000	1
	43 Carbon Tetrachloride	117	3.745	3.745	(0.797)	6516	0.50000	0.4
	44 1,1,1-Trichloroethane	97	3.820	3.820	(0.813)	9359	0.50000	0.5
	45 2-Butanone	43	3.964	3.964	(0.843)	4295	0.50000	0.6
	46 1,1-Dichloropropene	75	3.959	3.959	(0.842)	9304	0.50000	0.5
	47 tert-Amyl methyl ether	73	4.407	4.407	(0.938)	21178	0.50000	0.5
	49 1-Chlorobutane	56	4.028	4.028	(0.857)	11816	0.50000	0.4
	50 Heptane	43	4.252	4.252	(0.905)	4636	0.50000	0.2(M)
	51 Propionitrile	54	4.268	4.268	(0.908)	11210	5.00000	4
	52 Benzene	78	4.225	4.225	(0.899)	29909	0.50000	0.5
	53 2-Methyl-2-Propenenitrile	41	4.289	4.289	(0.913)	4492	0.50000	0.4(M)
$	55 1,2-Dichloroethane-d4	65	4.375	4.375	(0.931)	10589	0.50000	0.5
	56 1,2-Dichloroethane	62	4.450	4.450	(0.947)	9957	0.50000	0.5
	59 Methyl Cyclohexane	83	4.871	4.871	(1.036)	7285	0.50000	0.3
	60 Trichloroethene	130	4.887	4.887	(1.040)	7847	0.50000	0.5
	61 Isopropyl Acetate	43	4.828	4.828	(1.027)	15833	1.00000	0.8
	62 n-Butanol	56	5.394	5.394	(1.148)	1814	5.00000	17(M)
	63 Dibromomethane	93	5.346	5.346	(1.137)	5368	0.50000	0.5
	64 1,2-Dichloropropane	63	5.469	5.469	(1.163)	8134	0.50000	0.5(T)
	65 Bromodichloromethane	83	5.576	5.576	(1.186)	9617	0.50000	0.5
	66 Methyl Methacrylate	69	5.821	5.821	(1.238)	4863	0.50000	0.4
	67 1,4-Dioxane	58	5.832	5.832	(1.241)	514	5.00000	4(M)
	68 n-Propyl Acetate	43	6.013	6.013	(1.279)	6456	1.00000	0.8(M)
	69 2-Chloroethylvinylether	63	6.307	6.307	(1.342)	4238	0.50000	0.4
	70 cis-1,3-Dichloropropene	75	6.323	6.323	(1.345)	10225	0.50000	0.4
	71 Chloroacetonitrile	48	6.824	6.824	(1.452)	1567	5.00000	5(M)
	72 2-Nitropropane	41	6.878	6.878	(1.463)	3957	1.00000	1
	73 trans-1,3-Dichloropropene	75	7.134	7.134	(1.518)	9083	0.50000	0.4
	74 1,1,2-Trichloroethane	97	7.321	7.321	(1.557)	7722	0.50000	0.5
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1488080	25.0000	
	76 Toluene	91	6.600	6.600	(0.782)	28746	0.50000	0.4
$	77 Toluene-d8	98	6.542	6.542	(0.775)	31902	0.50000	0.4
	78 1,1-Dichloro-2-propanone	43	6.894	6.894	(0.817)	14120	2.50000	5
	79 4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	6693	0.50000	0.5(M)
	80 Tetrachloroethene	164	7.054	7.054	(0.836)	5759	0.50000	0.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	7.417	7.417	(0.879)	8689	0.50000	0.4(M)
82	Dibromochloromethane	129	7.518	7.518	(0.891)	7305	0.50000	0.4
83	1,3-Dichloropropane	76	7.636	7.636	(0.905)	11954	0.50000	0.4
84	1,2-Dibromoethane	107	7.758	7.758	(0.919)	7218	0.50000	0.4
85	n-Butyl Acetate	56	8.522	8.522	(1.009)	2947	0.50000	0.4(M)
86	2-Hexanone	43	8.180	8.180	(0.969)	5007	0.50000	0.4
87	1-Chlorohexane	91	8.516	8.516	(1.009)	5903	0.50000	1(M)
88	Chlorobenzene	112	8.463	8.463	(1.003)	19951	0.50000	0.4
89	1,1,1,2-Tetrachloroethane	131	8.570	8.570	(1.015)	5896	0.50000	0.4(T)
90	Ethylbenzene	106	8.548	8.548	(1.013)	9605	0.50000	0.4
91	Xylene (total)mp	106	8.746	8.746	(1.036)	22909	1.00000	0.8
92	Xylene (total)o	106	9.279	9.279	(1.099)	11599	0.50000	0.4
93	Styrene	104	9.349	9.349	(1.107)	19548	0.50000	0.4
94	Bromoform	173	9.322	9.322	(1.104)	4619	0.50000	0.4
* 95	1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	789336	25.0000	
96	Isopropylbenzene	105	9.658	9.658	(0.882)	24225	0.50000	-0.06
97	Bromobenzene	156	9.995	9.995	(0.913)	8944	0.50000	0.4
98	1,1,2,2-Tetrachloroethane	83	10.165	10.165	(0.929)	8877	0.50000	0.5
99	4-Ethyltoluene	105	10.203	10.203	(0.932)	23257	0.50000	-0.04
100	1,2,3-Trichloropropane	110	10.256	10.256	(0.937)	3093	0.50000	0.5
101	trans-1,4-Dichloro-2-Butene	53	10.325	10.325	(0.943)	3072	1.00000	0.8
102	n-Propylbenzene	91	10.085	10.085	(0.921)	27856	0.50000	-0.10
103	2-Chlorotoluene	91	10.197	10.197	(0.932)	22245	0.50000	0.4
104	4-Chlorotoluene	91	10.363	10.363	(0.947)	20929	0.50000	0.4
105	1,3,5-Trimethylbenzene	105	10.293	10.293	(0.941)	19186	0.50000	0.1
106	tert-Butylbenzene	119	10.571	10.571	(0.966)	15720	0.50000	0.3
107	1,2,4-Trimethylbenzene	105	10.640	10.640	(0.972)	20189	0.50000	0.4
108	sec-Butylbenzene	105	10.731	10.731	(0.980)	21164	0.50000	0.2
109	4-Isopropyltoluene	119	10.870	10.870	(0.993)	16841	0.50000	0.3
110	1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	14968	0.50000	0.4
111	1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	15514	0.50000	0.4
112	1,2-Dichlorobenzene	146	11.291	11.291	(1.032)	14999	0.50000	0.4
113	Benzyl Chloride	126	11.174	11.174	(1.021)	2839	0.50000	1
114	1,4-Diethylbenzene	119	11.169	11.169	(1.020)	9453	0.50000	0.7
115	n-Butylbenzene	91	11.211	11.211	(1.024)	15345	0.50000	0.5
118	1,2,4,5-Tetramethylbenzene	119	11.798	11.798	(1.078)	16850	0.50000	0.6
119	1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	1690	0.50000	0.5
120	Nitrobenzene	77	12.321	12.321	(1.126)	4225	5.00000	34
121	1,2,4-Trichlorobenzene	180	12.418	12.418	(1.135)	10534	0.50000	0.4
122	Hexachlorobutadiene	225	12.412	12.412	(1.134)	7485	0.50000	1
123	Naphthalene	128	12.642	12.642	(1.155)	31728	0.50000	0.4
124	1,2,3-Trichlorobenzene	180	12.775	12.775	(1.167)	10304	0.50000	0.4
$ 125	Bromofluorobenzene	95	9.920	9.920	(0.906)	12432	0.50000	0.5
M 126	1,2-Dichloroethene (total)	100				16426	1.00000	1.0
M 127	Xylene (total)	100				34508	1.50000	1

QC Flag Legend

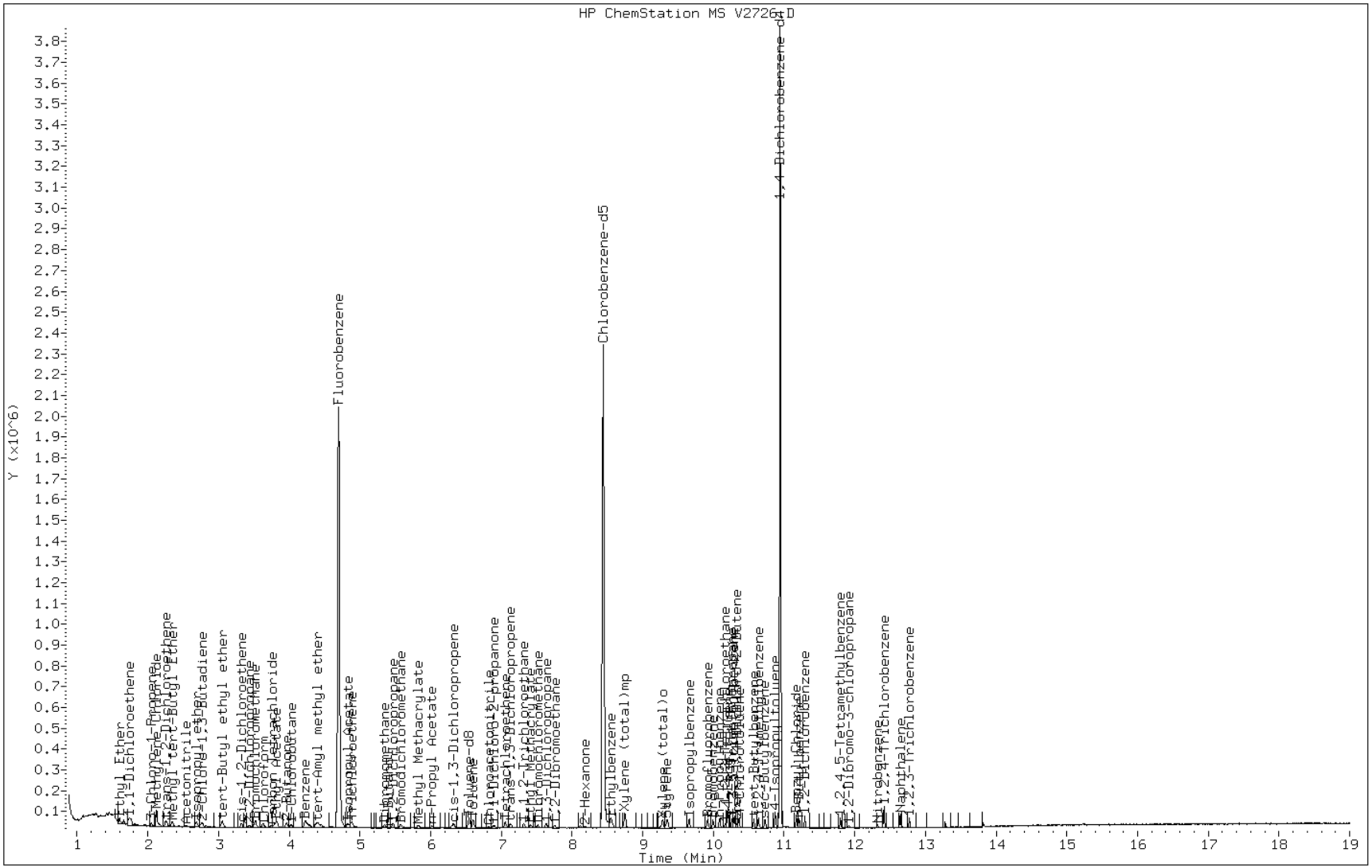
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: V2726.D

Date: 23-MAR-2009 17:45

Client ID: IC;0.5 Instrument: msv.i

Sample Info: IC;0.5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/24/2009

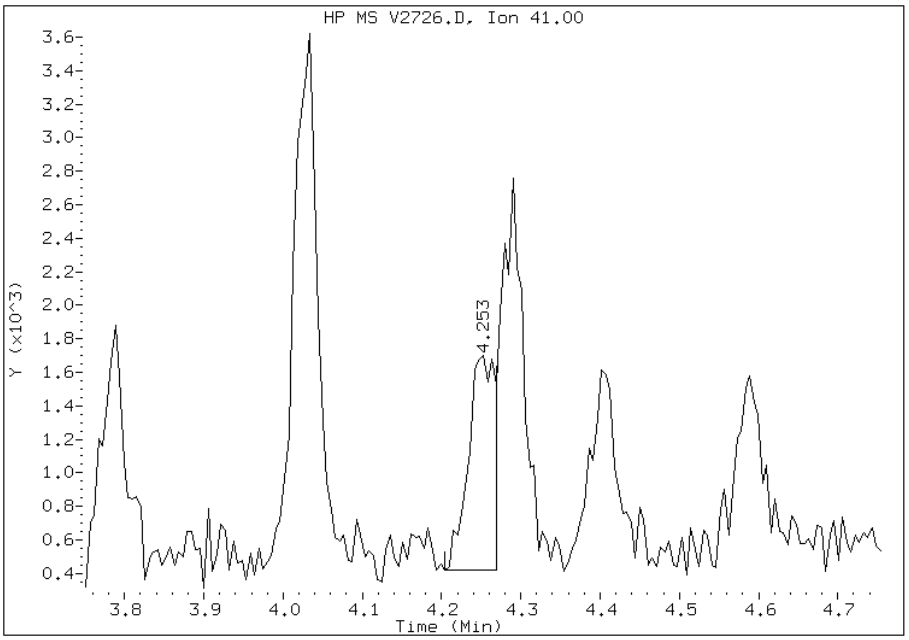
Processing Integration Results

RT: 4.25

Response: 2980

Amount: 0

Conc: 0



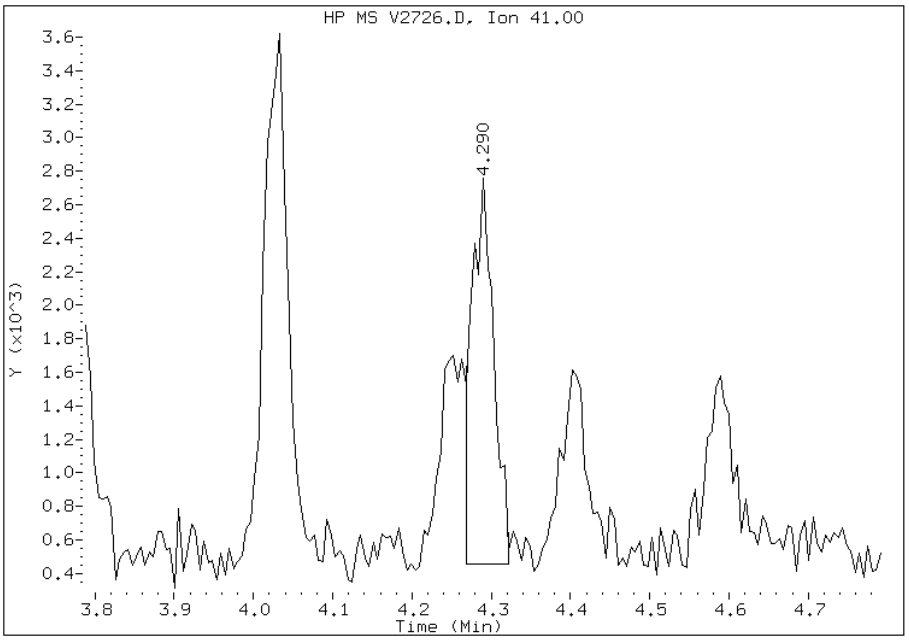
Manual Integration Results

RT: 4.29

Response: 4492

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 03/24/2009

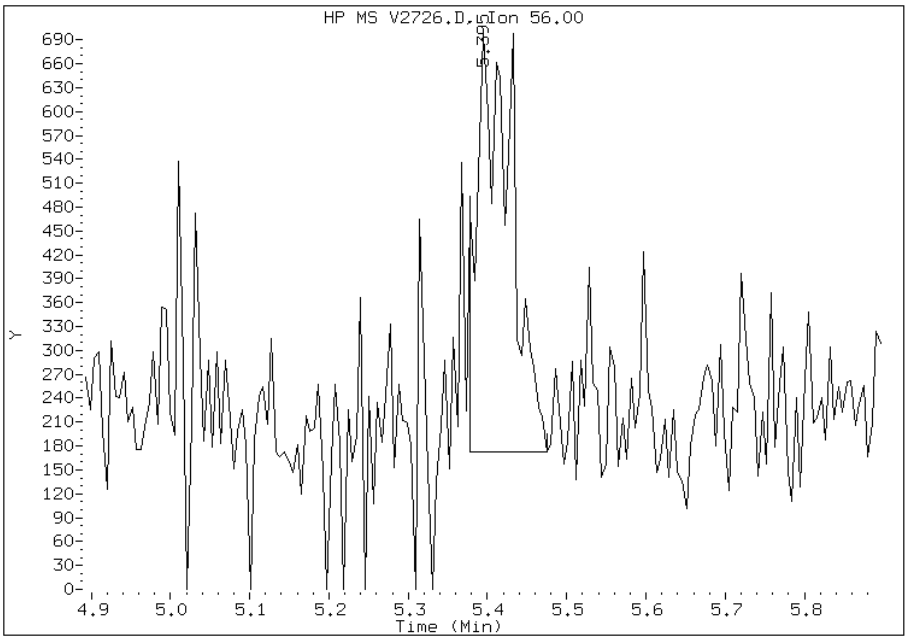
Processing Integration Results

RT: 5.39

Response: 1617

Amount: 4

Conc: 4



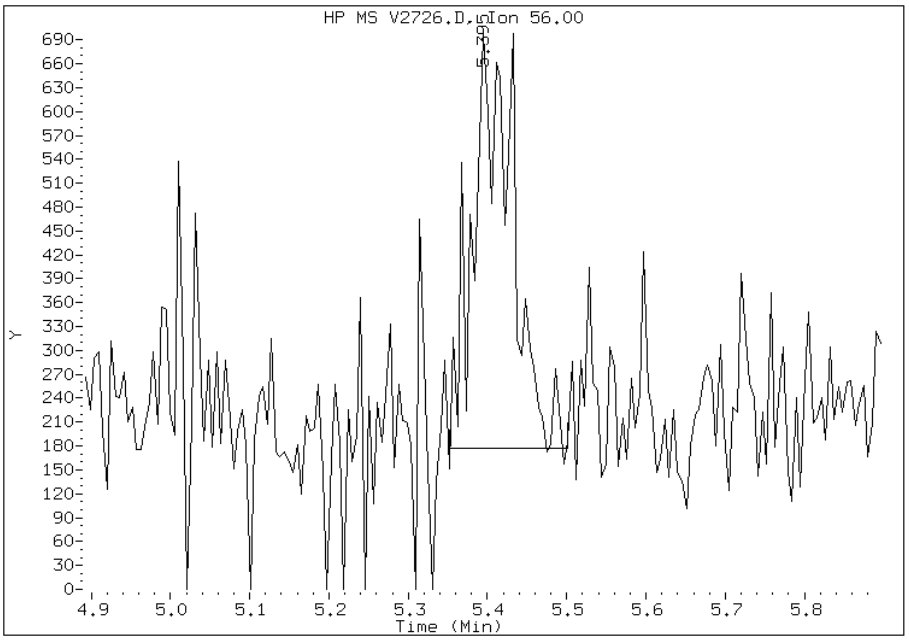
Manual Integration Results

RT: 5.39

Response: 1814

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 03/24/2009

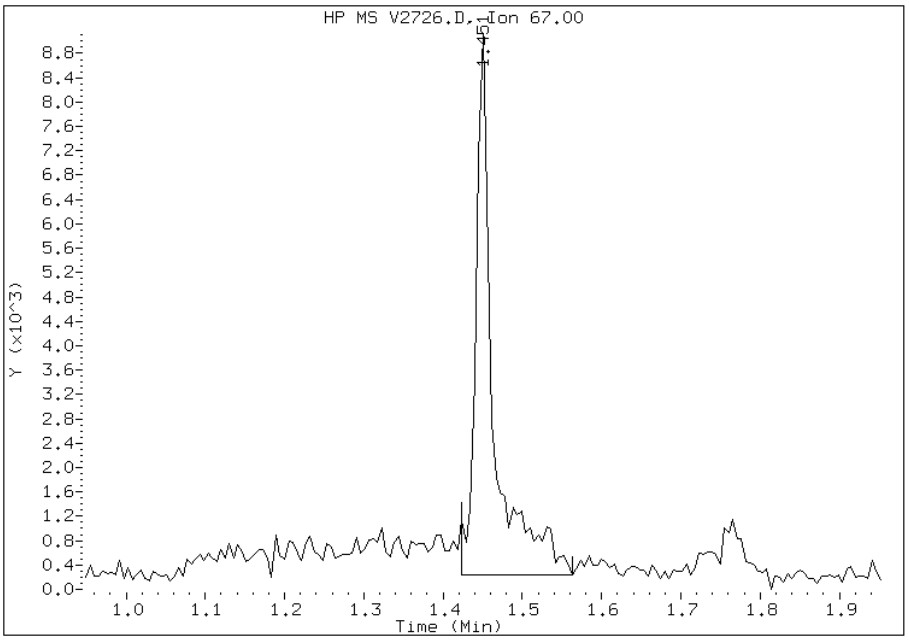
Processing Integration Results

RT: 1.45

Response: 13888

Amount: 1

Conc: 1



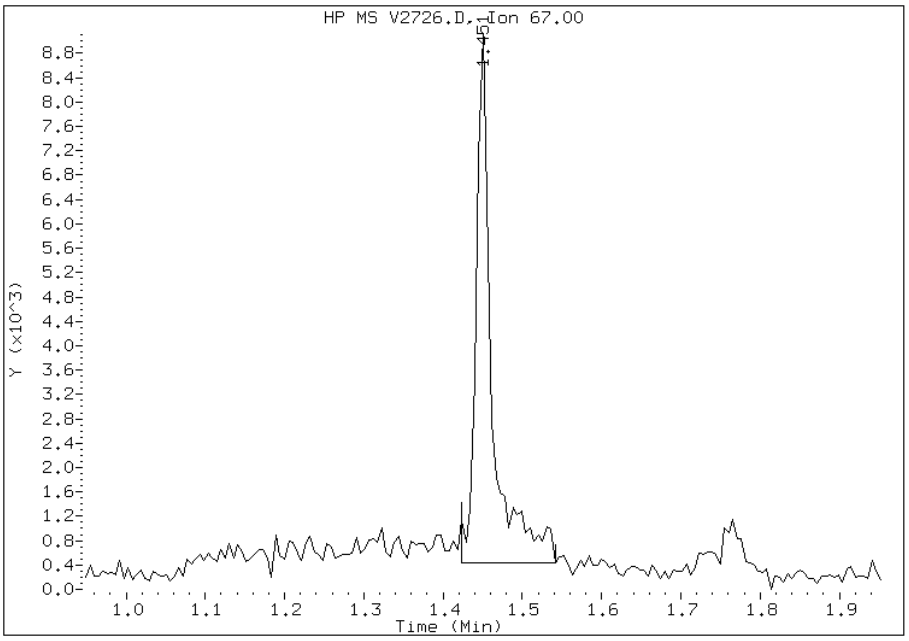
Manual Integration Results

RT: 1.45

Response: 12159

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 79 4-Methyl-2-Pentanone
CAS #: 108-10-1
Report Date: 03/24/2009

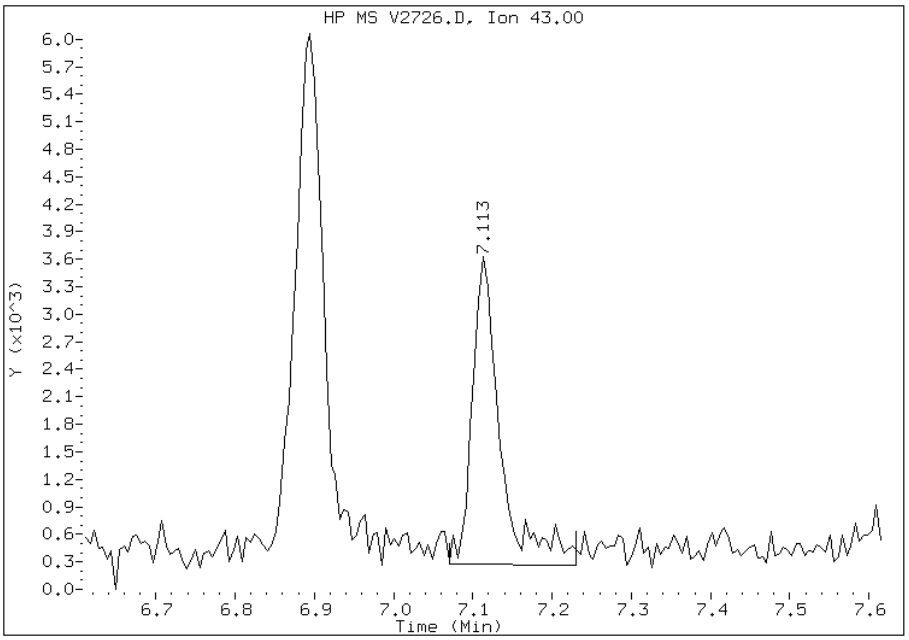
Processing Integration Results

RT: 7.11

Response: 8170

Amount: 1

Conc: 1



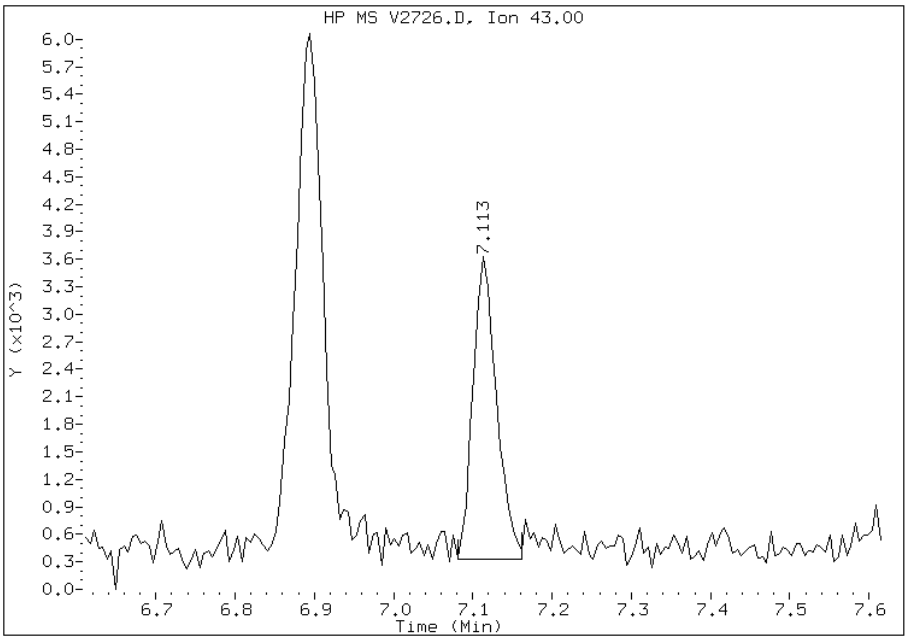
Manual Integration Results

RT: 7.11

Response: 6693

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 03/24/2009

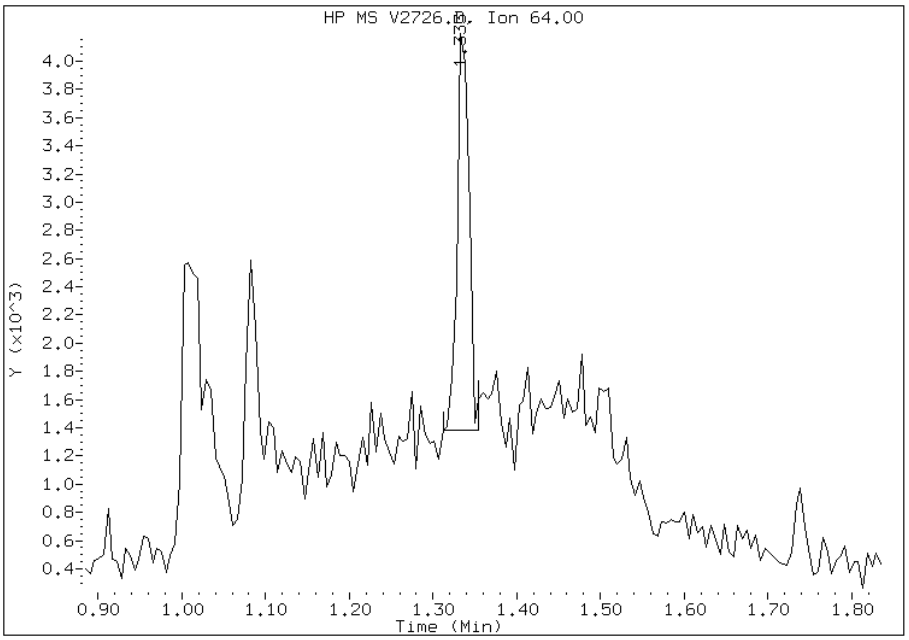
Processing Integration Results

RT: 1.33

Response: 2784

Amount: 0

Conc: 0



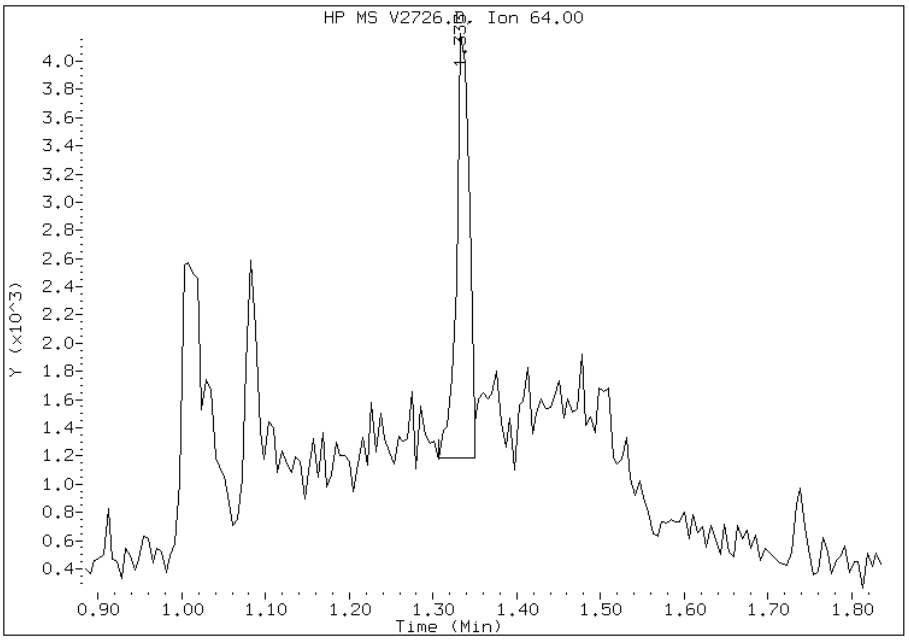
Manual Integration Results

RT: 1.33

Response: 3213

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 37 Cyclohexane
CAS #: 110-82-7
Report Date: 03/24/2009

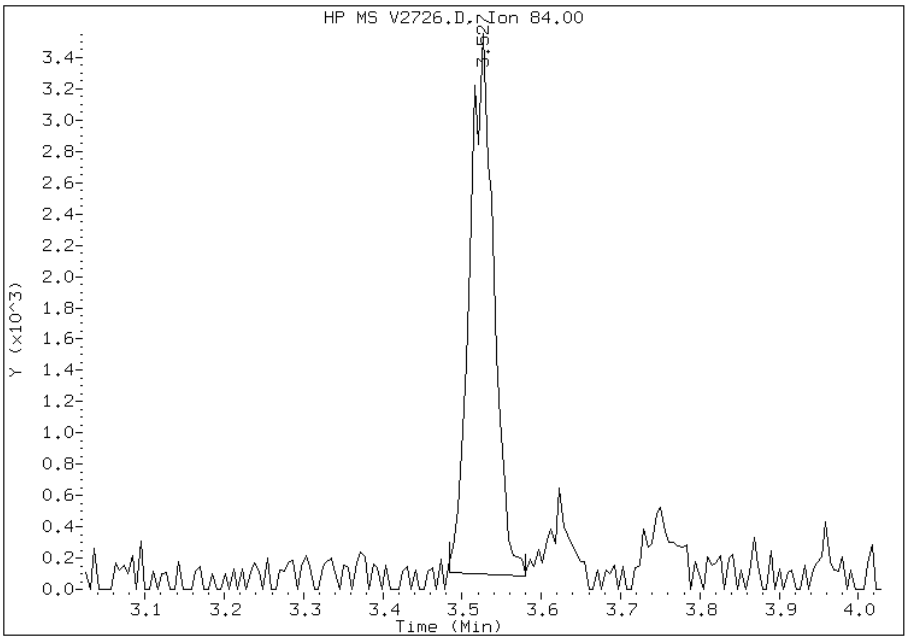
Processing Integration Results

RT: 3.53

Response: 7259

Amount: 0

Conc: 0



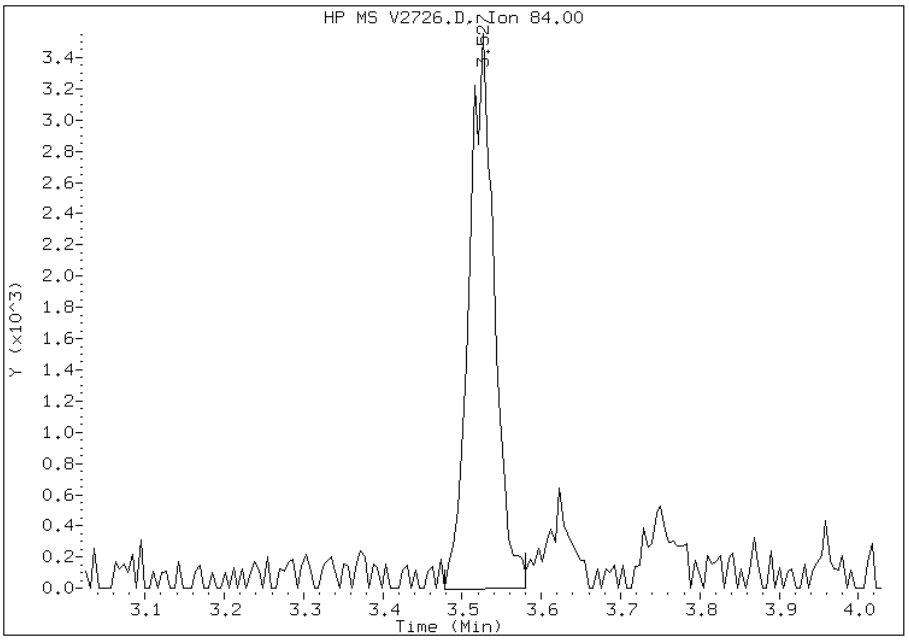
Manual Integration Results

RT: 3.53

Response: 7872

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/24/2009

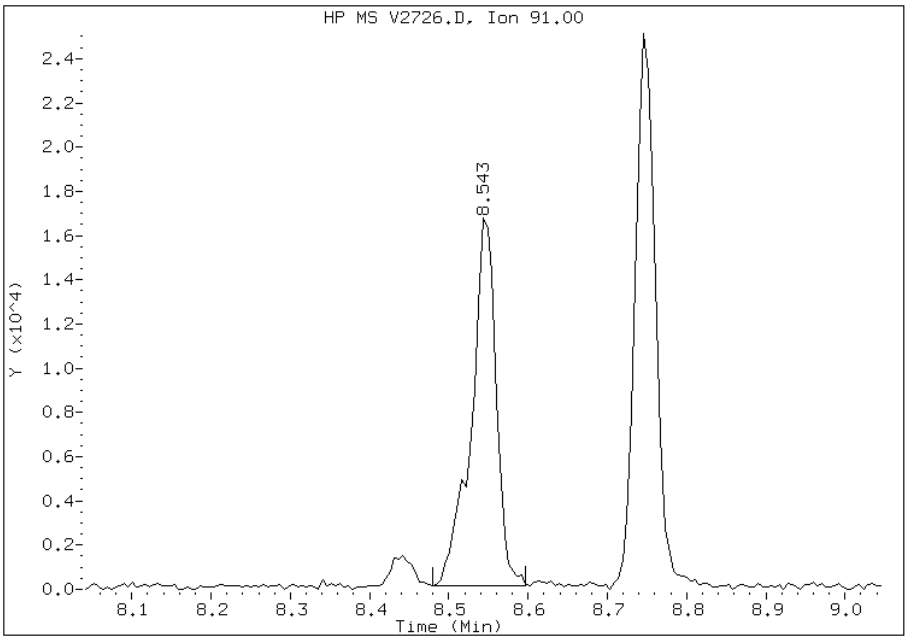
Processing Integration Results

RT: 8.54

Response: 35818

Amount: 1

Conc: 1



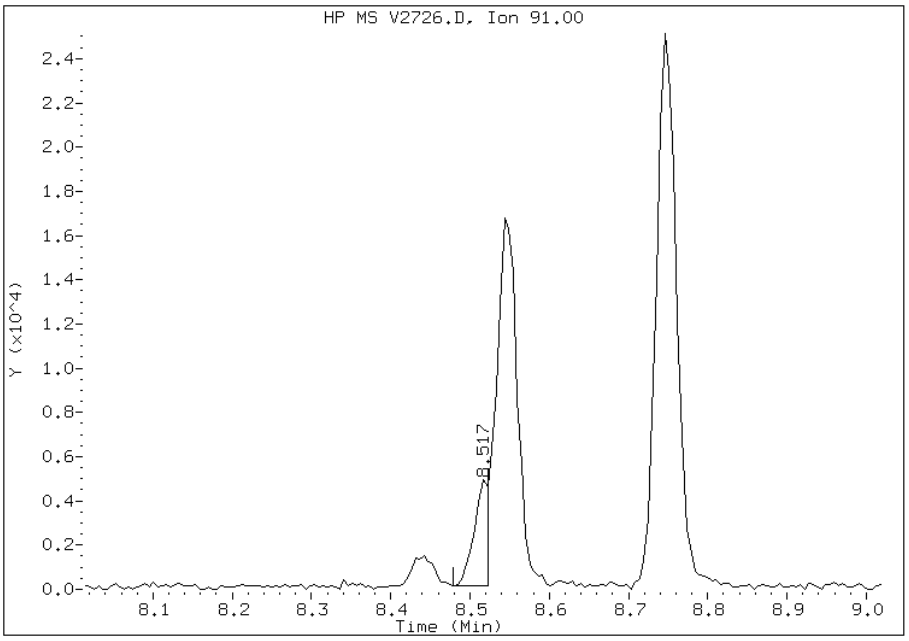
Manual Integration Results

RT: 8.52

Response: 5903

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/24/2009

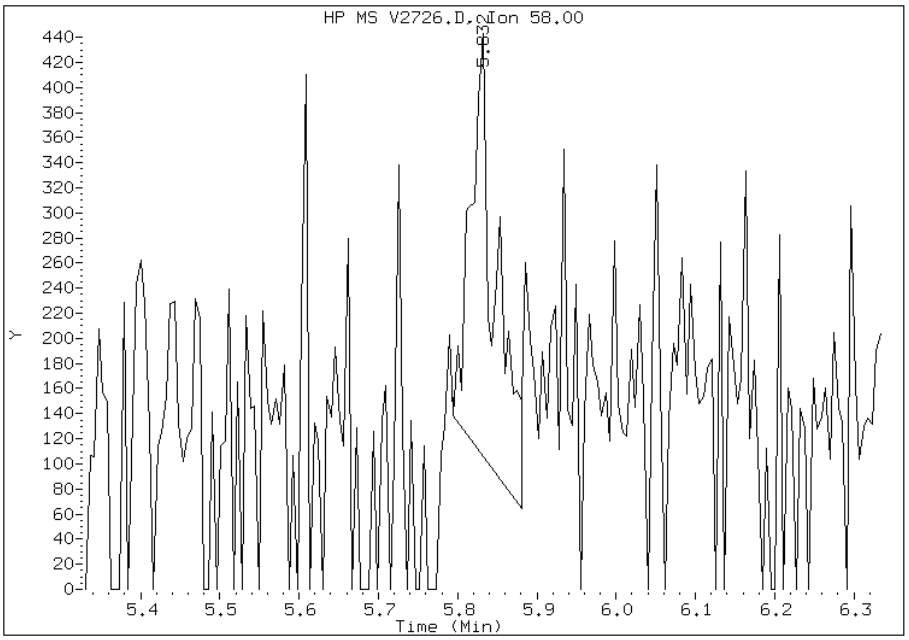
Processing Integration Results

RT: 5.83

Response: 743

Amount: 5

Conc: 5



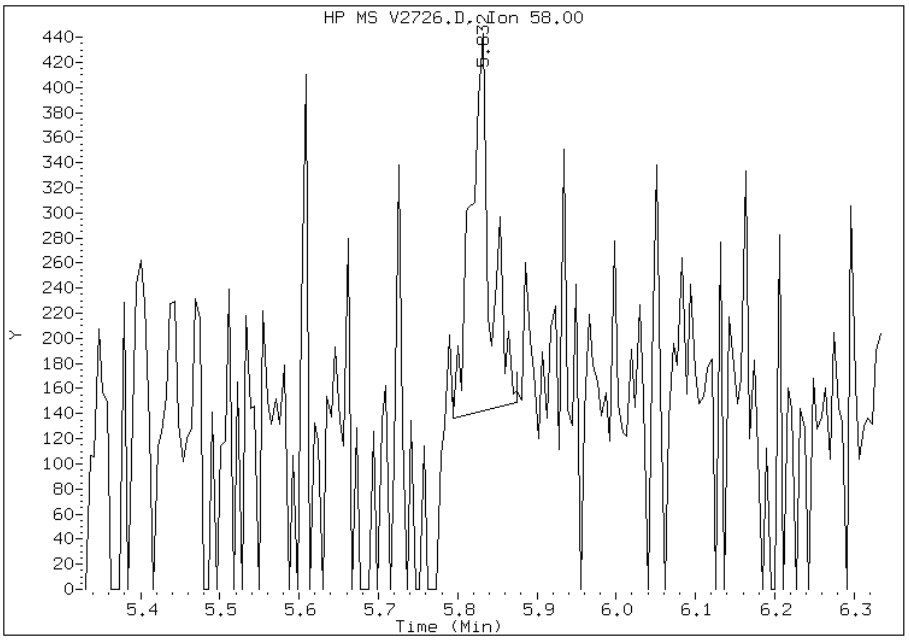
Manual Integration Results

RT: 5.83

Response: 514

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 03/24/2009

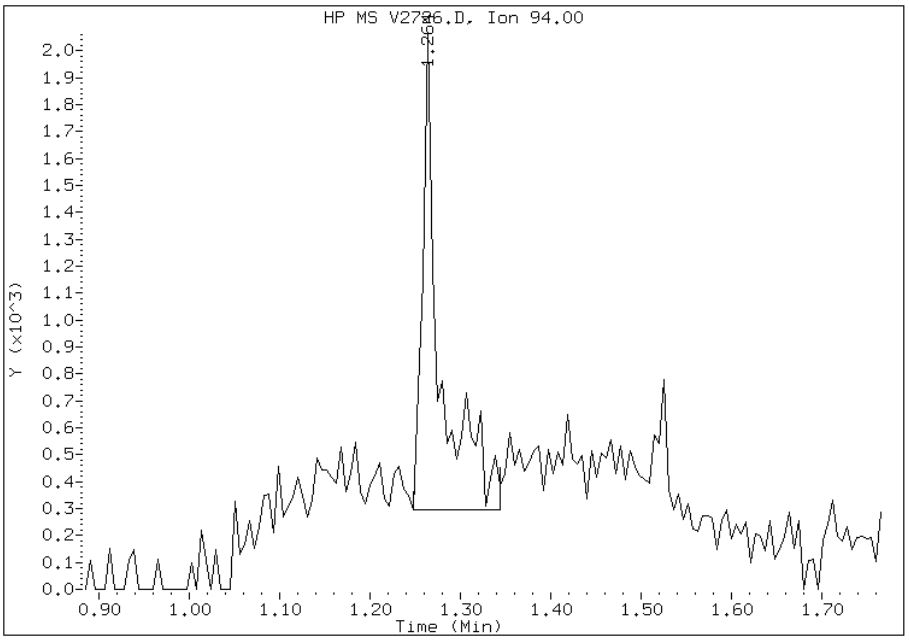
Processing Integration Results

RT: 1.26

Response: 2423

Amount: 1

Conc: 1



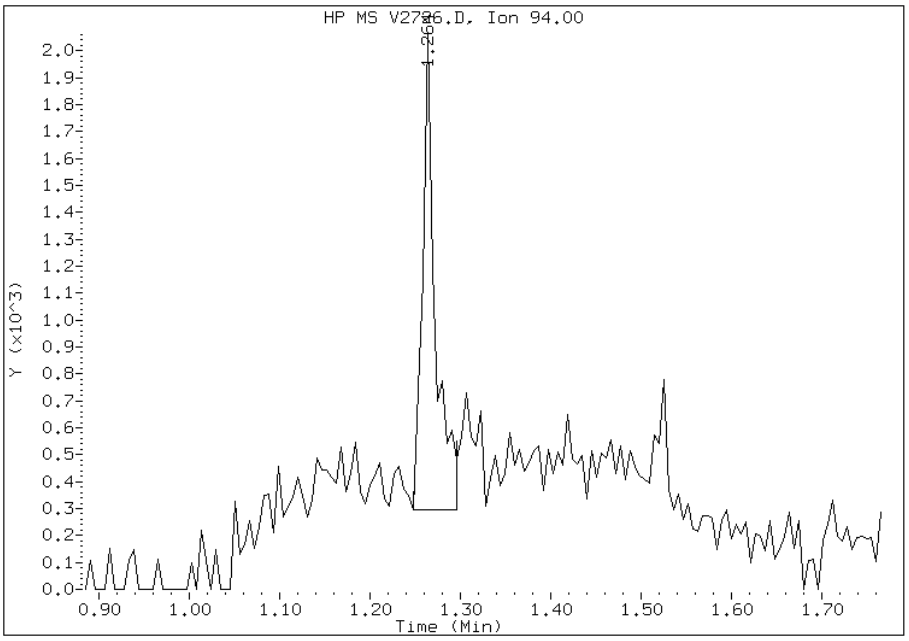
Manual Integration Results

RT: 1.26

Response: 1792

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/24/2009

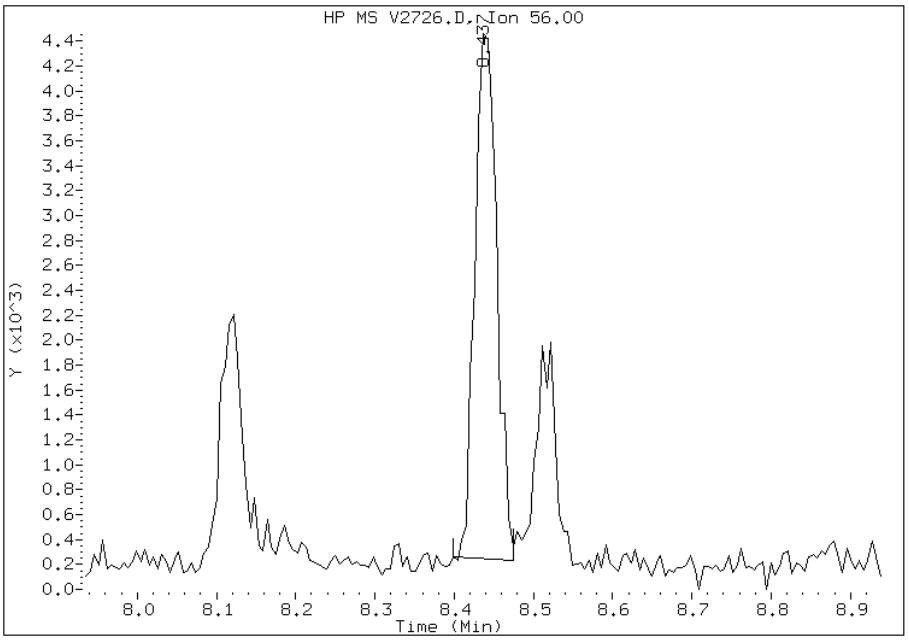
Processing Integration Results

RT: 8.44

Response: 8031

Amount: 1

Conc: 1



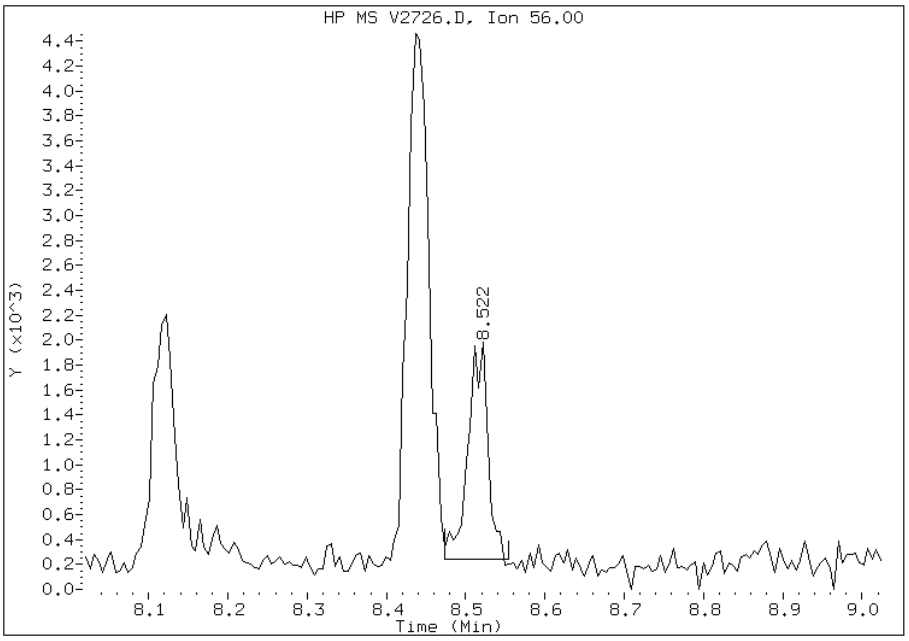
Manual Integration Results

RT: 8.52

Response: 2947

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 03/24/2009

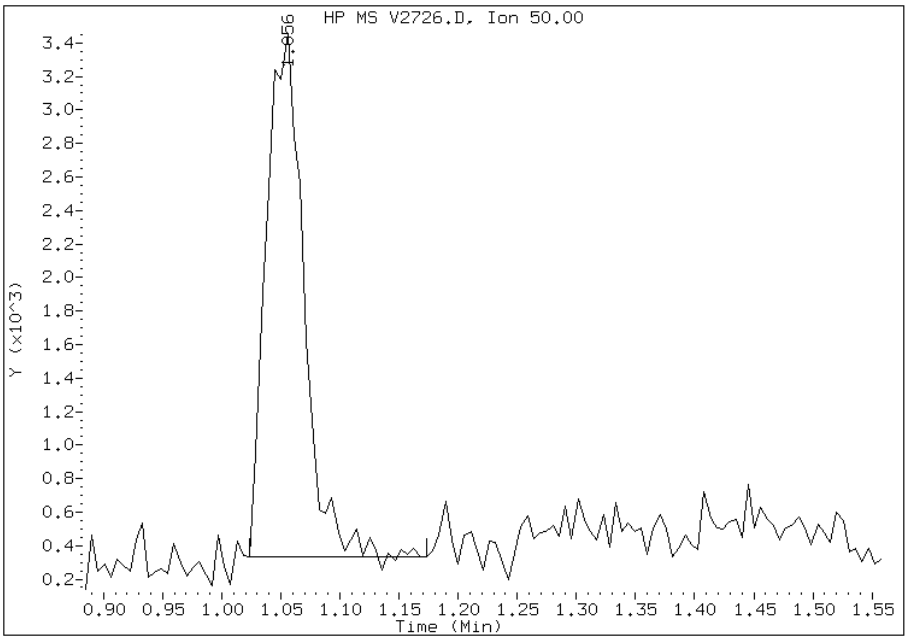
Processing Integration Results

RT: 1.06

Response: 6892

Amount: 1

Conc: 1



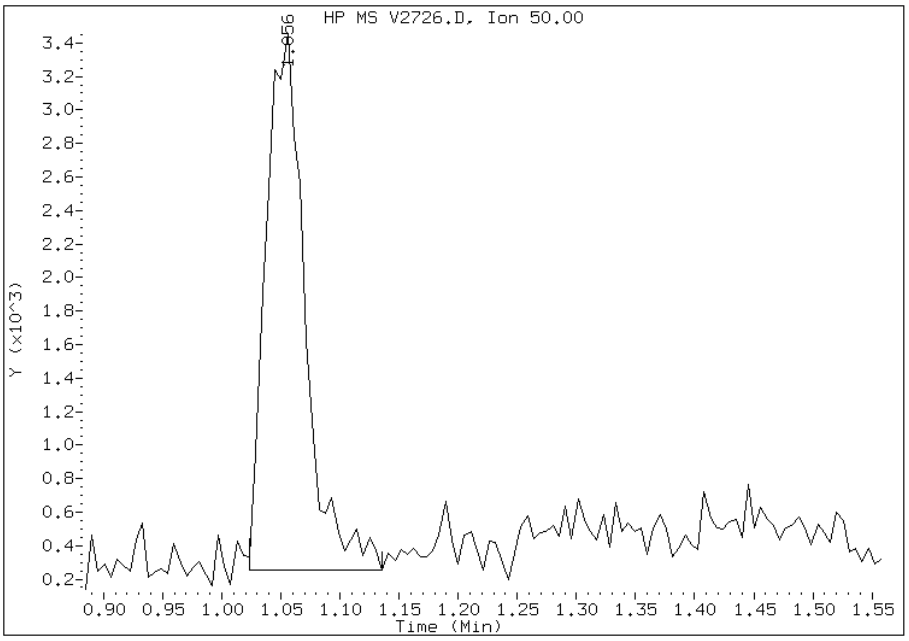
Manual Integration Results

RT: 1.06

Response: 7403

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 81 Ethyl Methacrylate
CAS #: 97-63-2
Report Date: 03/24/2009

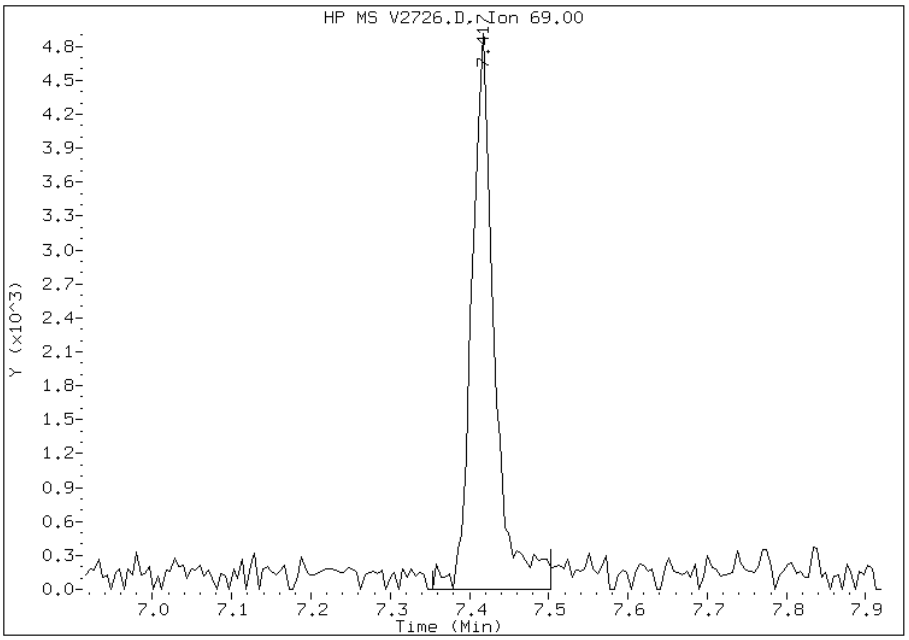
Processing Integration Results

RT: 7.42

Response: 9730

Amount: 0

Conc: 0



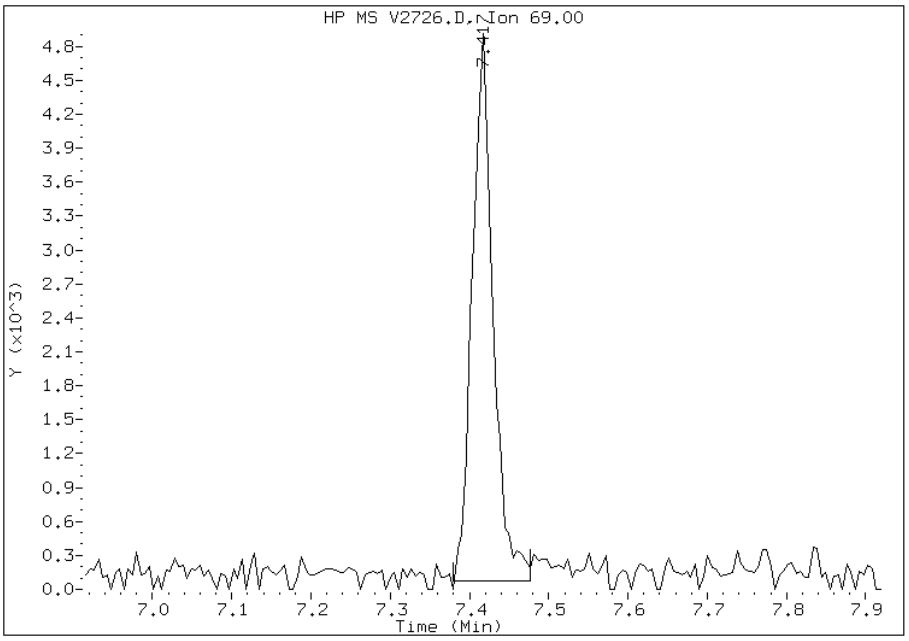
Manual Integration Results

RT: 7.42

Response: 8689

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 50 Heptane
CAS #: 142-82-5
Report Date: 03/24/2009

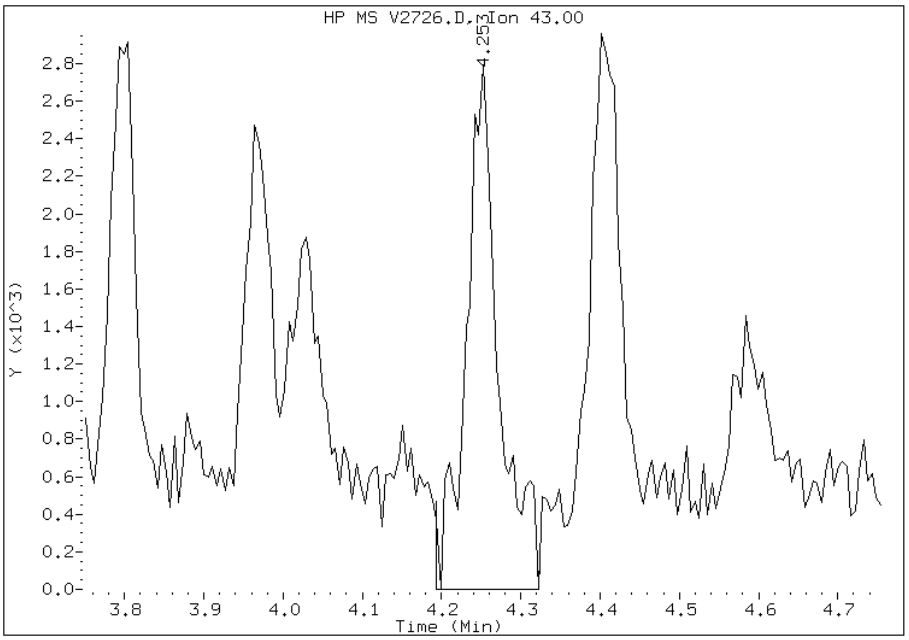
Processing Integration Results

RT: 4.25

Response: 7960

Amount: 1

Conc: 1



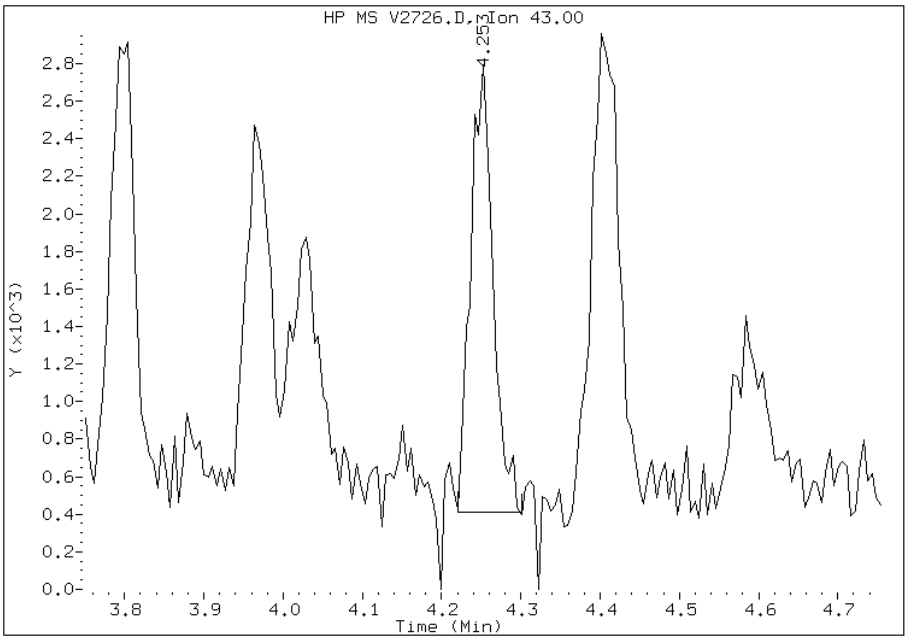
Manual Integration Results

RT: 4.25

Response: 4636

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 68 n-Propyl Acetate
CAS #: 109-60-4
Report Date: 03/24/2009

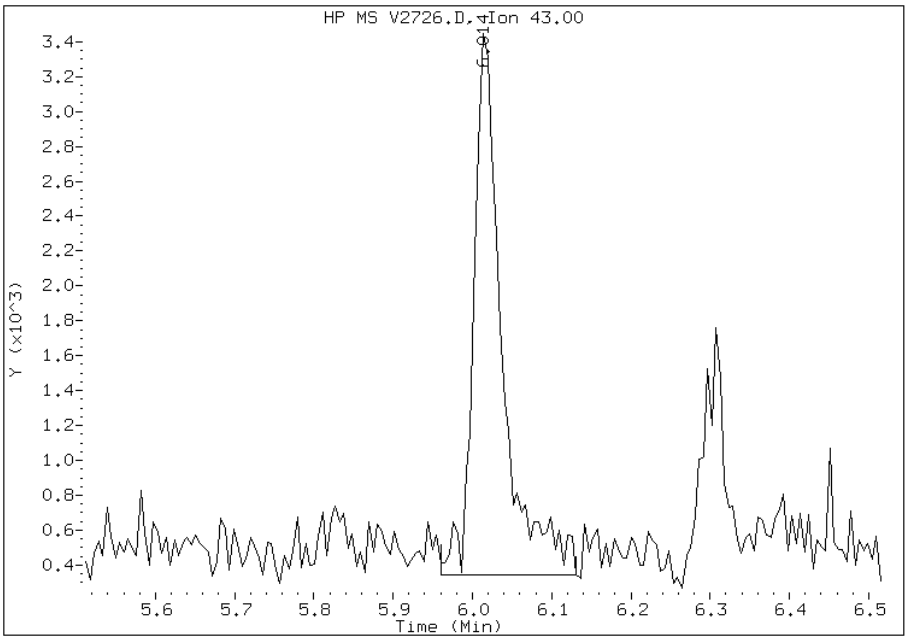
Processing Integration Results

RT: 6.01

Response: 7796

Amount: 1

Conc: 1



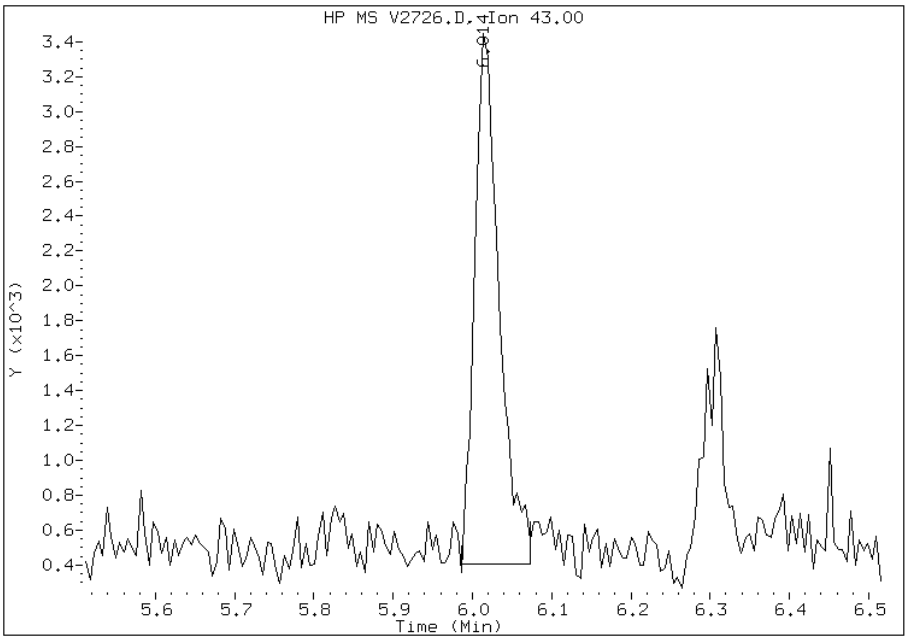
Manual Integration Results

RT: 6.01

Response: 6456

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 03/24/2009

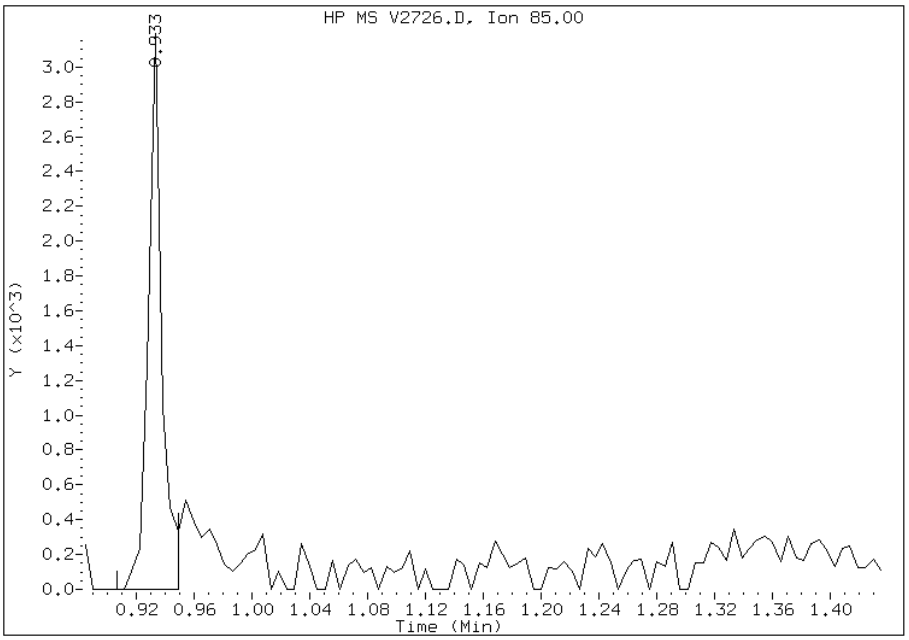
Processing Integration Results

RT: 0.93

Response: 2140

Amount: 0

Conc: 0



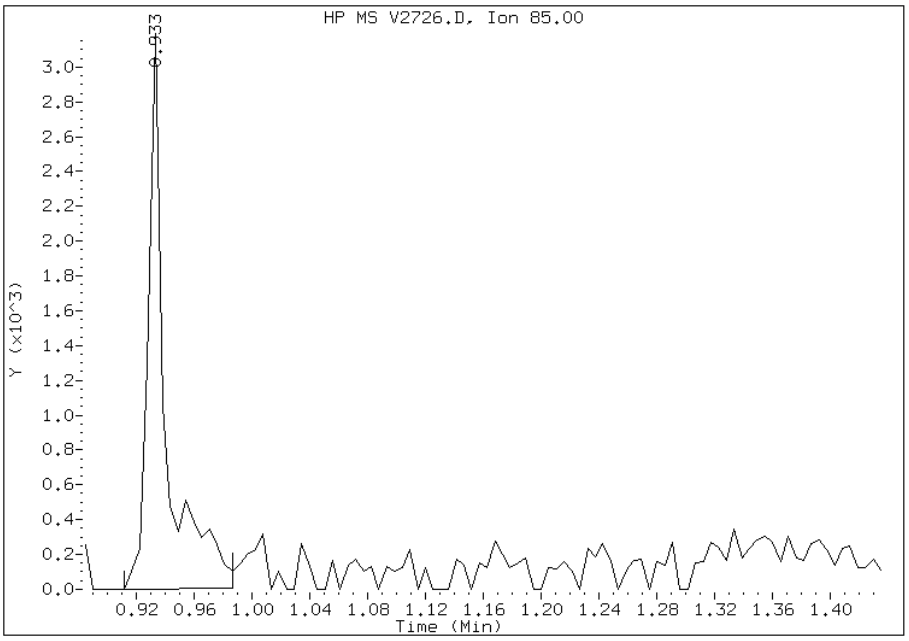
Manual Integration Results

RT: 0.93

Response: 2787

Amount: -0

Conc: -0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2726.D
Inj. Date and Time: 23-MAR-2009 17:45
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 03/24/2009

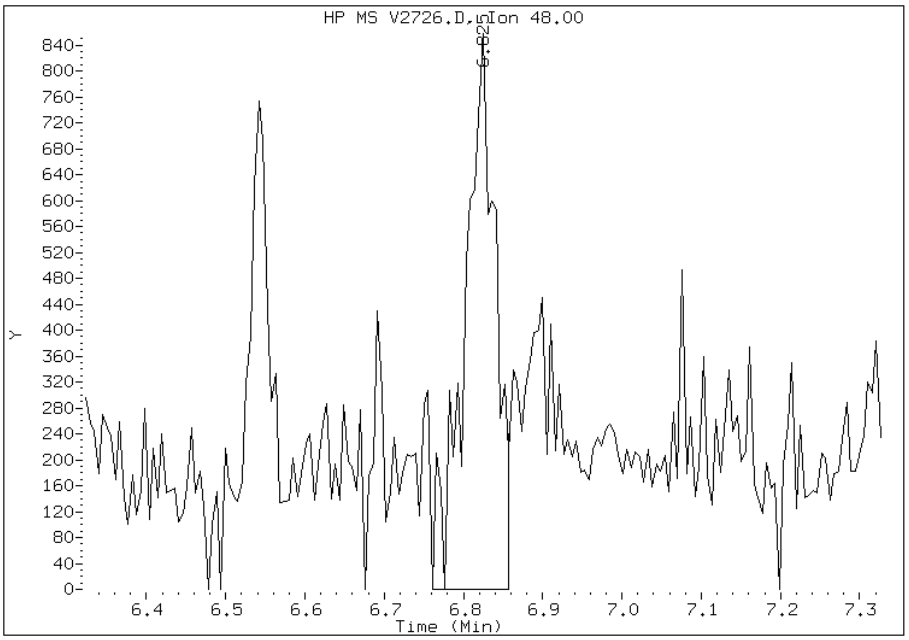
Processing Integration Results

RT: 6.82

Response: 2322

Amount: 5

Conc: 5



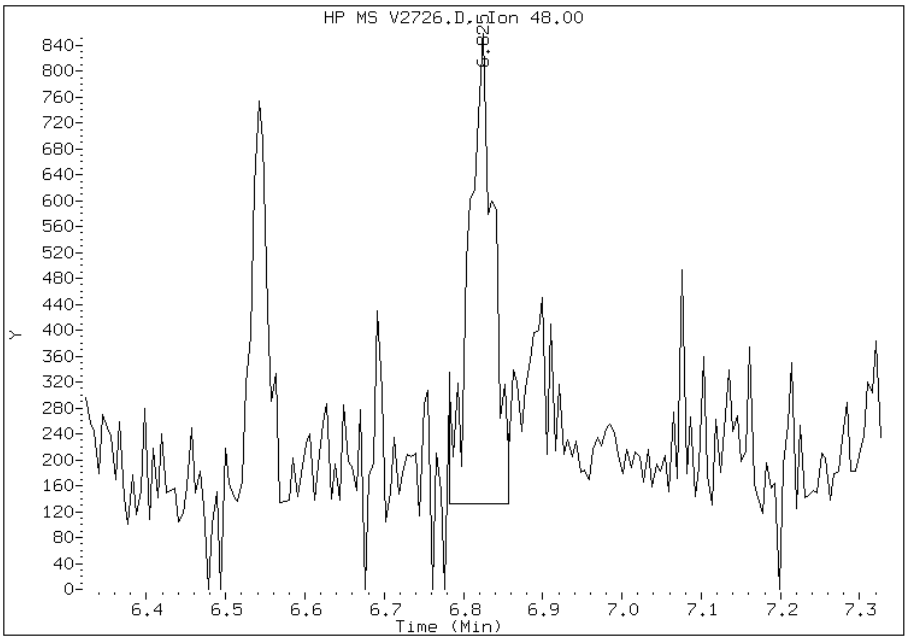
Manual Integration Results

RT: 6.82

Response: 1567

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V2727.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 23-MAR-2009 18:11 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;2
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092716.b\V8260LOW.m
Meth Date : 24-Mar-2009 10:13 msv.i Quant Type: ISTD
Cal Date : 23-MAR-2009 17:45 Cal File: V2726.D
Als bottle: 11 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.701	4.701	(1.000)	1998930	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.199)	8549	2.00000	0.4(M)
3	Chloromethane	50	1.055	1.055	(0.225)	22604	2.00000	3
4	Vinyl Chloride	62	1.082	1.082	(0.230)	20938	2.00000	2
5	Bromomethane	94	1.264	1.264	(0.269)	5619	2.00000	4(M)
6	Chloroethane	64	1.338	1.338	(0.285)	12571	2.00000	2
7	Trichlorofluoromethane	101	1.418	1.418	(0.302)	22353	2.00000	0.2
8	Dichlorofluoromethane	67	1.450	1.450	(0.309)	37433	2.00000	2
9	Ethyl Ether	45	1.605	1.605	(0.342)	19798	2.00000	2
10	Ethanol	45	1.658	1.658	(0.353)	8617	20.0000	8
11	Freon 141	81	1.658	1.658	(0.353)	36185	2.00000	2
12	Freon 123	67	1.765	1.765	(0.376)	5124	2.00000	1
13	Trichlorotrifluoroethane	101	1.755	1.755	(0.373)	14178	2.00000	0.8
14	1,1-Dichloroethene	96	1.728	1.728	(0.368)	22279	2.00000	2
15	Carbon Disulfide	76	1.739	1.739	(0.370)	80192	2.00000	2
16	Iodomethane	142	1.819	1.819	(0.387)	23927	2.00000	4(M)
17	Acrolein	56	1.952	1.952	(0.415)	28385	10.0000	9
18	2-Propanol	45	2.080	2.080	(0.443)	1866	2.00000	2(M)
19	3-Chloro-1-Propene	41	2.048	2.048	(0.436)	31390	2.00000	2
20	Methylene Chloride	84	2.128	2.128	(0.453)	52879	2.00000	2
21	Acetone	43	2.165	2.165	(0.461)	21906	2.00000	2
22	trans-1,2-Dichloroethene	96	2.251	2.251	(0.479)	27503	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.267	2.267	(0.482)	77375	2.00000	2
	24 Methyl tert-Butyl Ether	73	2.347	2.347	(0.499)	97541	2.00000	2
	25 tert-Butyl alcohol	59	2.432	2.432	(0.518)	17682	10.0000	14
	26 Acetonitrile	41	2.427	2.427	(0.516)	5194	20.0000	5
	27 Isopropyl ether	45	2.689	2.689	(0.572)	90255	2.00000	2
	28 tert-Butyl ethyl ether	59	3.051	3.051	(0.649)	88768	2.00000	2
	29 2-Chloro-1,3-Butadiene	88	2.758	2.758	(0.587)	18164	2.00000	2
	30 Acrylonitrile	53	2.827	2.827	(0.602)	26448	4.00000	4
	31 1,1-Dichloroethane	63	2.774	2.774	(0.590)	48249	2.00000	2
	32 Vinyl Acetate	43	3.051	3.051	(0.649)	60737	2.00000	2
	33 cis-1,2-Dichloroethene	96	3.318	3.318	(0.706)	31719	2.00000	2
	34 2,2-Dichloropropane	77	3.430	3.430	(0.730)	26423	2.00000	2
	35 Bromochloromethane	128	3.526	3.526	(0.750)	17212	2.00000	2
	36 1-Bromopropane	43	3.510	3.510	(0.747)	36545	2.00000	2
	37 Cyclohexane	84	3.521	3.521	(0.749)	25853	2.00000	1
	38 Chloroform	83	3.628	3.628	(0.772)	49402	2.00000	2
	39 Ethyl Acetate	43	3.799	3.799	(0.808)	27341	4.00000	4
	40 Methyl Acrylate	55	3.788	3.788	(0.806)	26409	2.00000	2
$	41 Dibromofluoromethane	111	3.815	3.815	(0.812)	36781	2.00000	2
	42 Tetrahydrofuran	42	3.788	3.788	(0.806)	24399	4.00000	4
	43 Carbon Tetrachloride	117	3.745	3.745	(0.797)	24440	2.00000	2
	44 1,1,1-Trichloroethane	97	3.820	3.820	(0.813)	37238	2.00000	2
	45 2-Butanone	43	3.964	3.964	(0.843)	15306	2.00000	2
	46 1,1-Dichloropropene	75	3.964	3.964	(0.843)	32713	2.00000	2
	47 tert-Amyl methyl ether	73	4.407	4.407	(0.938)	85395	2.00000	2
	48 tert-Butyl formate	57	4.583	4.583	(0.975)	1860	2.00000	2
	49 1-Chlorobutane	56	4.028	4.028	(0.857)	45853	2.00000	2
	50 Heptane	43	4.252	4.252	(0.905)	12899	2.00000	1
	51 Propionitrile	54	4.263	4.263	(0.907)	51026	20.0000	20
	52 Benzene	78	4.226	4.226	(0.899)	111699	2.00000	2
	53 2-Methyl-2-Propenenitrile	41	4.290	4.290	(0.913)	19382	2.00000	2(M)
	54 Isobutyl alcohol	42	4.407	4.407	(0.938)	5474	20.0000	16
$	55 1,2-Dichloroethane-d4	65	4.375	4.375	(0.931)	41476	2.00000	2
	56 1,2-Dichloroethane	62	4.450	4.450	(0.947)	39007	2.00000	2
	59 Methyl Cyclohexane	83	4.866	4.866	(1.035)	22134	2.00000	1
	60 Trichloroethene	130	4.893	4.893	(1.041)	28532	2.00000	2
	61 Isopropyl Acetate	43	4.829	4.829	(1.027)	70237	4.00000	4
	62 n-Butanol	56	5.394	5.394	(1.148)	6384	20.0000	26(M)
	63 Dibromomethane	93	5.346	5.346	(1.137)	19527	2.00000	2
	64 1,2-Dichloropropane	63	5.469	5.469	(1.163)	30295	2.00000	2
	65 Bromodichloromethane	83	5.576	5.576	(1.186)	37418	2.00000	2
	66 Methyl Methacrylate	69	5.827	5.827	(1.240)	21255	2.00000	2
	67 1,4-Dioxane	58	5.816	5.816	(1.237)	2442	20.0000	19(M)
	68 n-Propyl Acetate	43	6.013	6.013	(1.279)	27395	4.00000	3
	69 2-Chloroethylvinylether	63	6.307	6.307	(1.342)	15406	2.00000	2
	70 cis-1,3-Dichloropropene	75	6.323	6.323	(1.345)	41902	2.00000	2
	71 Chloroacetonitrile	48	6.814	6.814	(1.450)	6686	20.0000	14
	72 2-Nitropropane	41	6.878	6.878	(1.463)	13492	4.00000	3
	73 trans-1,3-Dichloropropene	75	7.139	7.139	(1.519)	35970	2.00000	2
	74 1,1,2-Trichloroethane	97	7.321	7.321	(1.557)	28862	2.00000	2
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1492515	25.0000	
	76 Toluene	91	6.600	6.600	(0.782)	113278	2.00000	2
$	77 Toluene-d8	98	6.542	6.542	(0.775)	123106	2.00000	2
	78 1,1-Dichloro-2-propanone	43	6.894	6.894	(0.817)	60146	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	79 4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	25168	2.00000	2
	80 Tetrachloroethene	164	7.054	7.054	(0.836)	20600	2.00000	2
	81 Ethyl Methacrylate	69	7.417	7.417	(0.879)	35817	2.00000	2
	82 Dibromochloromethane	129	7.513	7.513	(0.890)	28727	2.00000	2
	83 1,3-Dichloropropane	76	7.636	7.636	(0.905)	48736	2.00000	2
	84 1,2-Dibromoethane	107	7.759	7.759	(0.919)	29227	2.00000	2
	85 n-Butyl Acetate	56	8.516	8.516	(1.009)	10387	2.00000	2(M)
	86 2-Hexanone	43	8.175	8.175	(0.968)	20566	2.00000	2
	87 1-Chlorohexane	91	8.522	8.522	(1.009)	22114	2.00000	2(M)
	88 Chlorobenzene	112	8.458	8.458	(1.002)	78910	2.00000	2
	89 1,1,1,2-Tetrachloroethane	131	8.570	8.570	(1.015)	26615	2.00000	2
	90 Ethylbenzene	106	8.543	8.543	(1.012)	38221	2.00000	2
	91 Xylene (total)mp	106	8.746	8.746	(1.036)	94895	4.00000	3
	92 Xylene (total)o	106	9.280	9.280	(1.099)	46291	2.00000	2
	93 Styrene	104	9.349	9.349	(1.107)	76519	2.00000	2
	94 Bromoform	173	9.328	9.328	(1.105)	19239	2.00000	2
*	95 1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	784169	25.0000	
	96 Isopropylbenzene	105	9.658	9.658	(0.882)	95699	2.00000	1
	97 Bromobenzene	156	9.995	9.995	(0.913)	34464	2.00000	2
	98 1,1,2,2-Tetrachloroethane	83	10.166	10.166	(0.929)	36054	2.00000	2
	99 4-Ethyltoluene	105	10.203	10.203	(0.932)	92553	2.00000	1
	100 1,2,3-Trichloropropane	110	10.262	10.262	(0.938)	12261	2.00000	2
	101 trans-1,4-Dichloro-2-Butene	53	10.326	10.326	(0.943)	12400	4.00000	3
	102 n-Propylbenzene	91	10.085	10.085	(0.921)	105390	2.00000	1
	103 2-Chlorotoluene	91	10.198	10.198	(0.932)	87025	2.00000	2
	104 4-Chlorotoluene	91	10.363	10.363	(0.947)	83624	2.00000	2
	105 1,3,5-Trimethylbenzene	105	10.294	10.294	(0.941)	80457	2.00000	1
	106 tert-Butylbenzene	119	10.571	10.571	(0.966)	63167	2.00000	1
	107 1,2,4-Trimethylbenzene	105	10.640	10.640	(0.972)	84140	2.00000	2
	108 sec-Butylbenzene	105	10.726	10.726	(0.980)	81451	2.00000	1
	109 4-Isopropyltoluene	119	10.870	10.870	(0.993)	70424	2.00000	1
	110 1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	58011	2.00000	2
	111 1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	60860	2.00000	2
	112 1,2-Dichlorobenzene	146	11.292	11.292	(1.032)	61201	2.00000	2
	113 Benzyl Chloride	126	11.174	11.174	(1.021)	10865	2.00000	2
	114 1,4-Diethylbenzene	119	11.169	11.169	(1.020)	38090	2.00000	2
	115 n-Butylbenzene	91	11.212	11.212	(1.024)	62323	2.00000	2
	118 1,2,4,5-Tetramethylbenzene	119	11.799	11.799	(1.078)	69734	2.00000	2
	119 1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	6814	2.00000	2
	120 Nitrobenzene	77	12.322	12.322	(1.126)	15775	20.0000	40
	121 1,2,4-Trichlorobenzene	180	12.418	12.418	(1.135)	38929	2.00000	2
	122 Hexachlorobutadiene	225	12.412	12.412	(1.134)	15660	2.00000	2
	123 Naphthalene	128	12.642	12.642	(1.155)	122553	2.00000	2
	124 1,2,3-Trichlorobenzene	180	12.770	12.770	(1.167)	39289	2.00000	2
$	125 Bromofluorobenzene	95	9.920	9.920	(0.906)	48125	2.00000	2
M	126 1,2-Dichloroethene (total)	100				59222	4.00000	4
M	127 Xylene (total)	100				141186	6.00000	5

QC Flag Legend

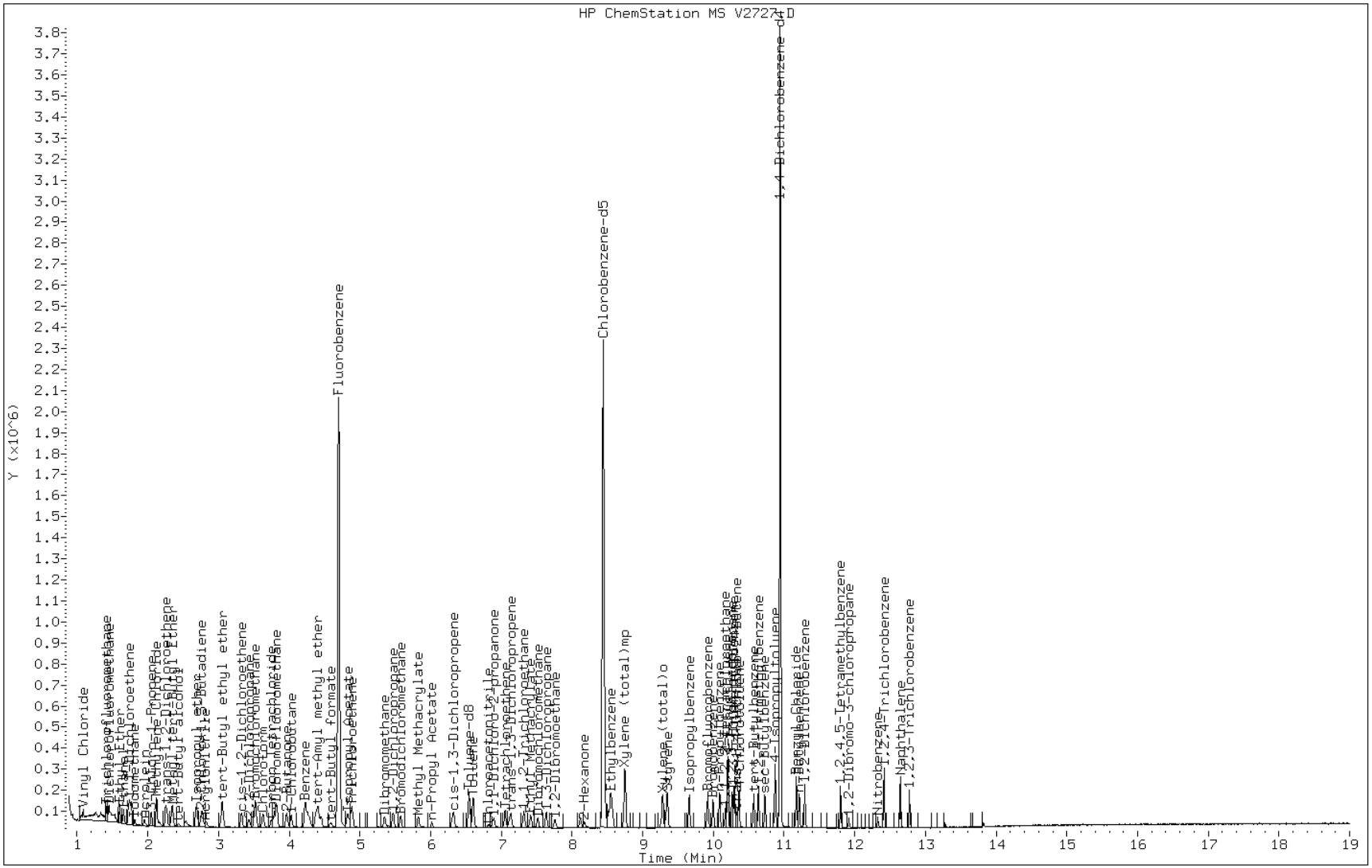
M - Compound response manually integrated.

Data File: V2727.D

Date: 23-MAR-2009 18:11

Client ID: IC;2 Instrument: msv.i

Sample Info: IC;2 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/24/2009

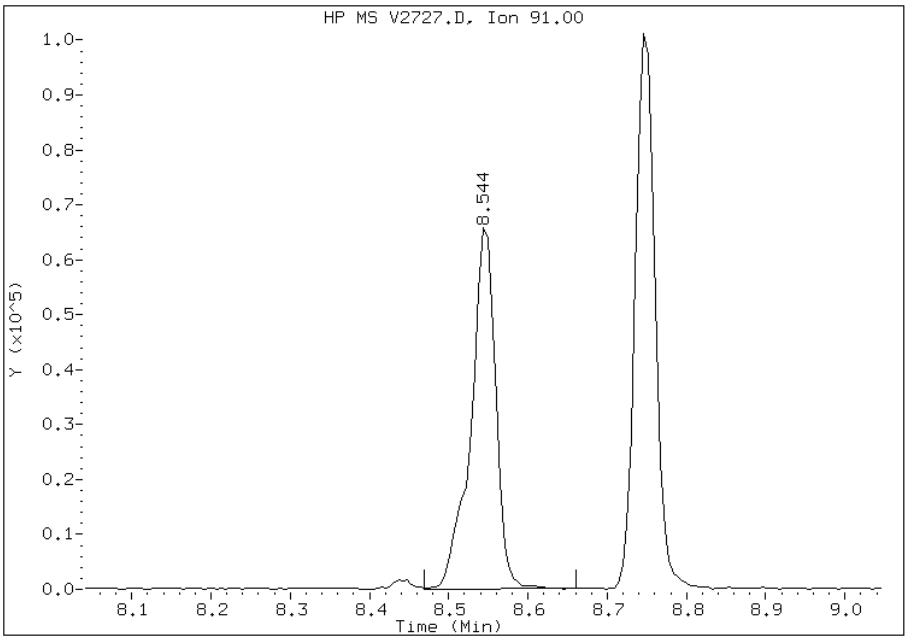
Processing Integration Results

RT: 8.54

Response: 141767

Amount: 5

Conc: 5



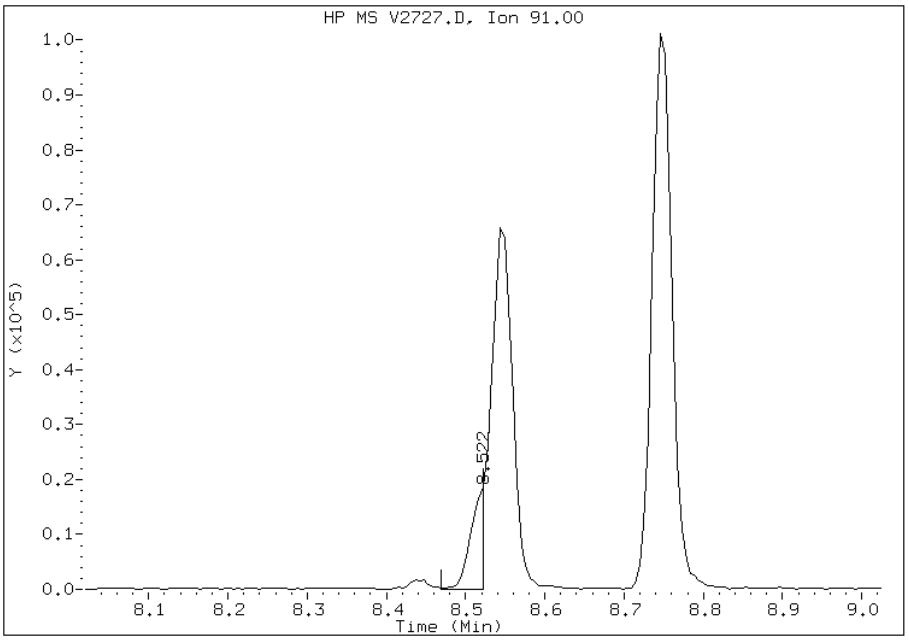
Manual Integration Results

RT: 8.52

Response: 22114

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/24/2009

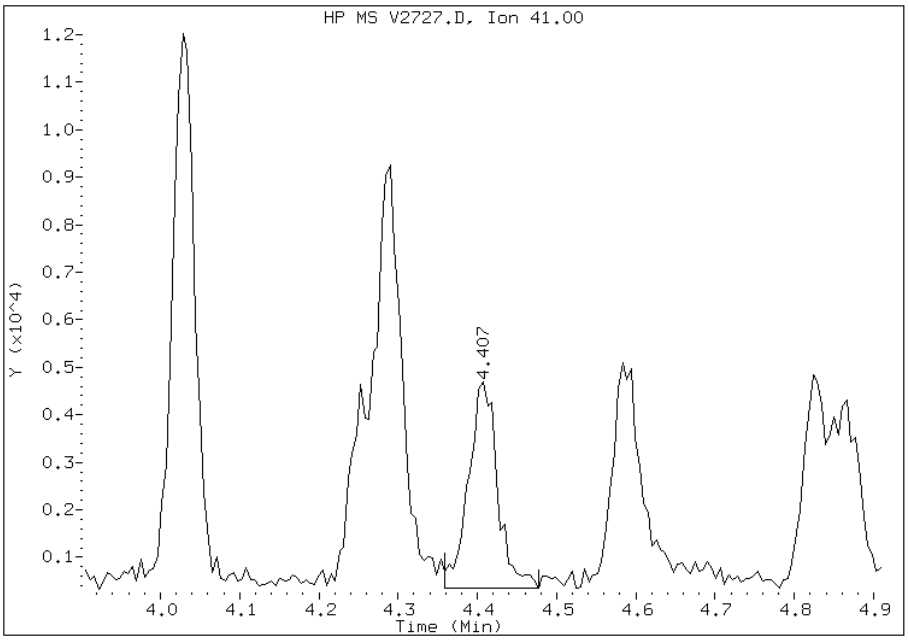
Processing Integration Results

RT: 4.41

Response: 10890

Amount: 1

Conc: 1



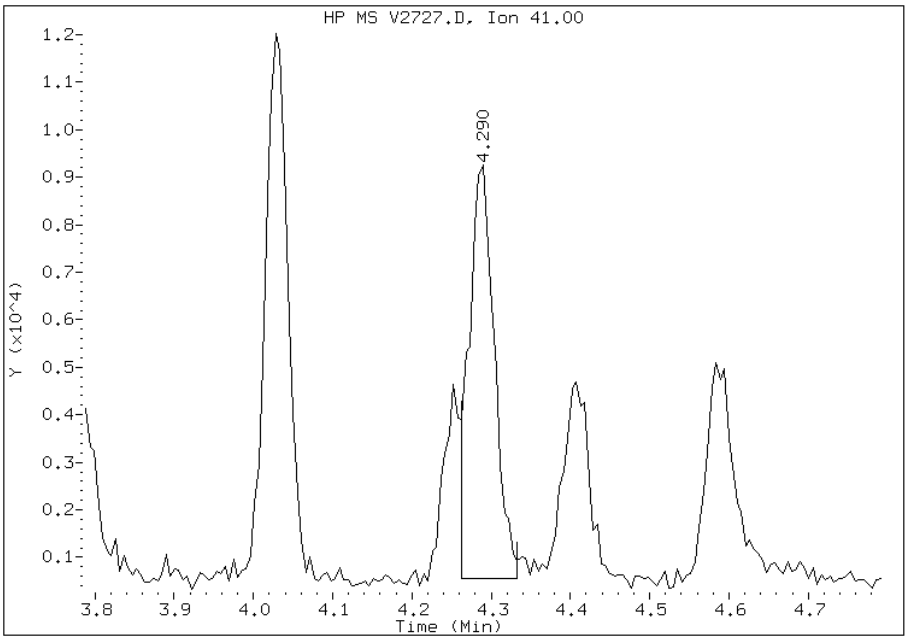
Manual Integration Results

RT: 4.29

Response: 19382

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 03/24/2009

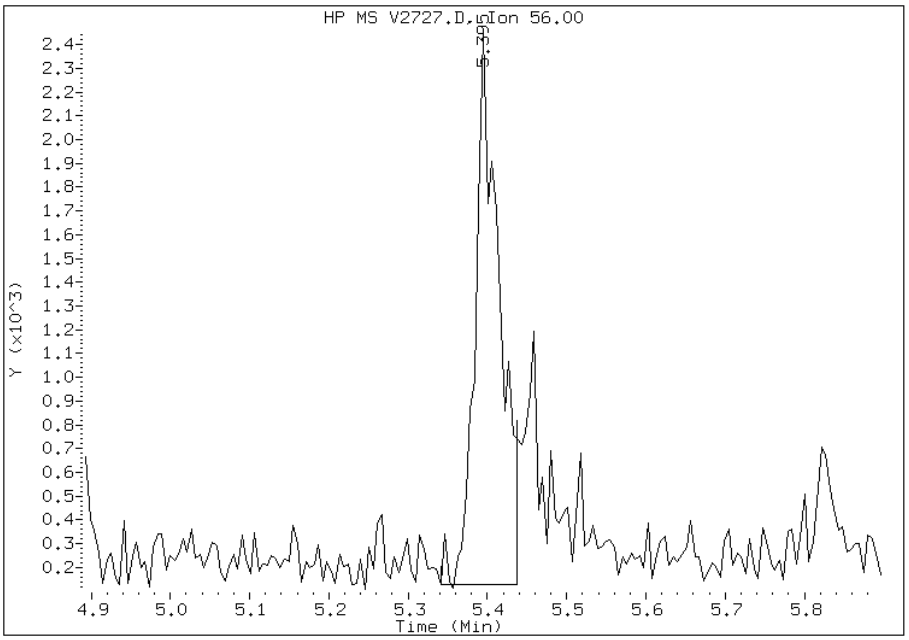
Processing Integration Results

RT: 5.39

Response: 4950

Amount: 13

Conc: 13



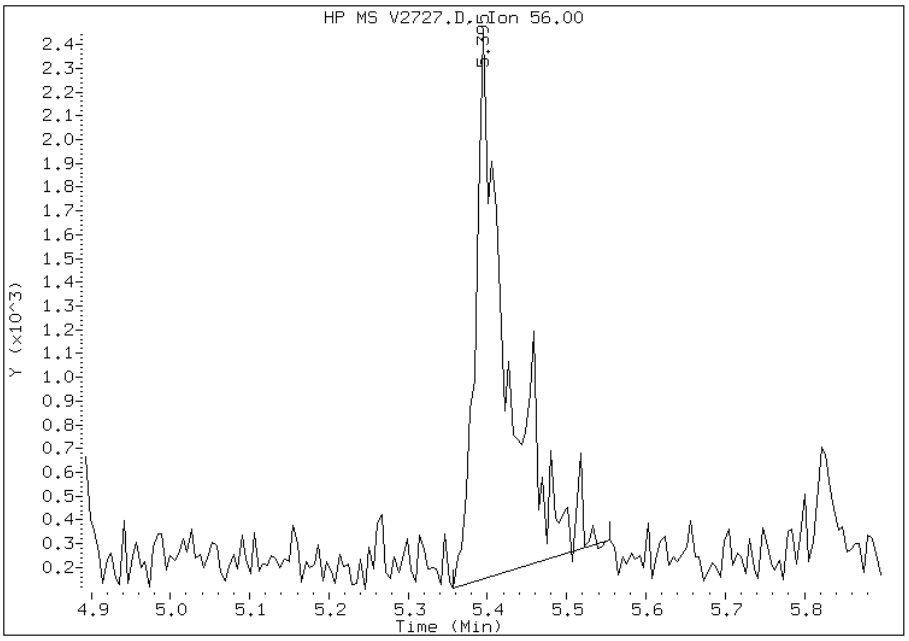
Manual Integration Results

RT: 5.39

Response: 6384

Amount: 26

Conc: 26



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 03/24/2009

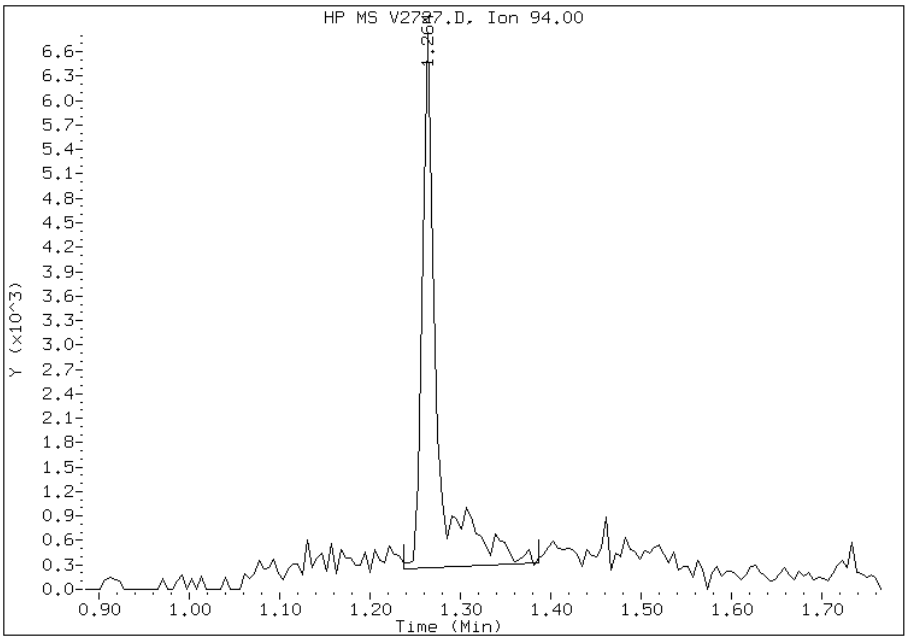
Processing Integration Results

RT: 1.26

Response: 7626

Amount: 3

Conc: 3



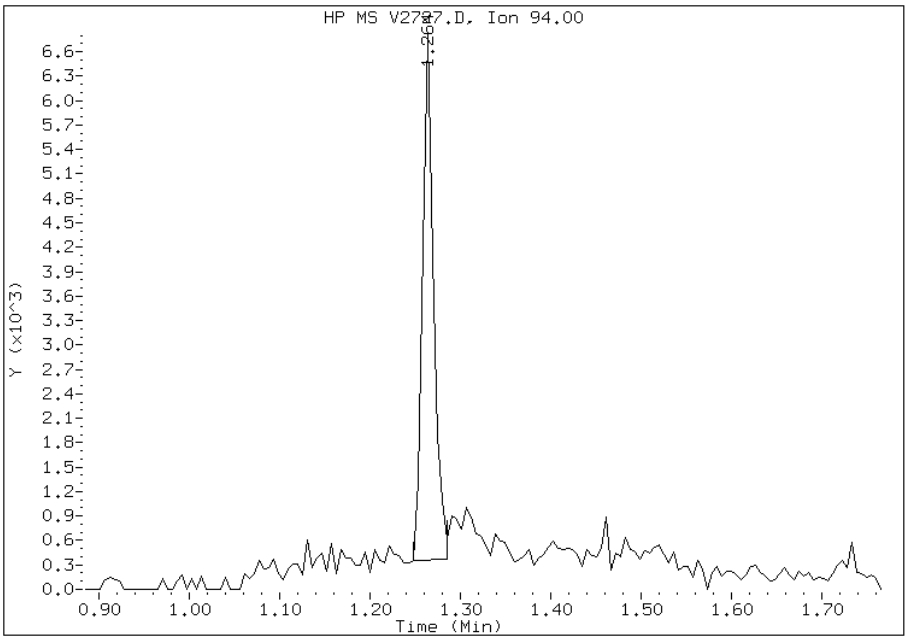
Manual Integration Results

RT: 1.26

Response: 5619

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 03/24/2009

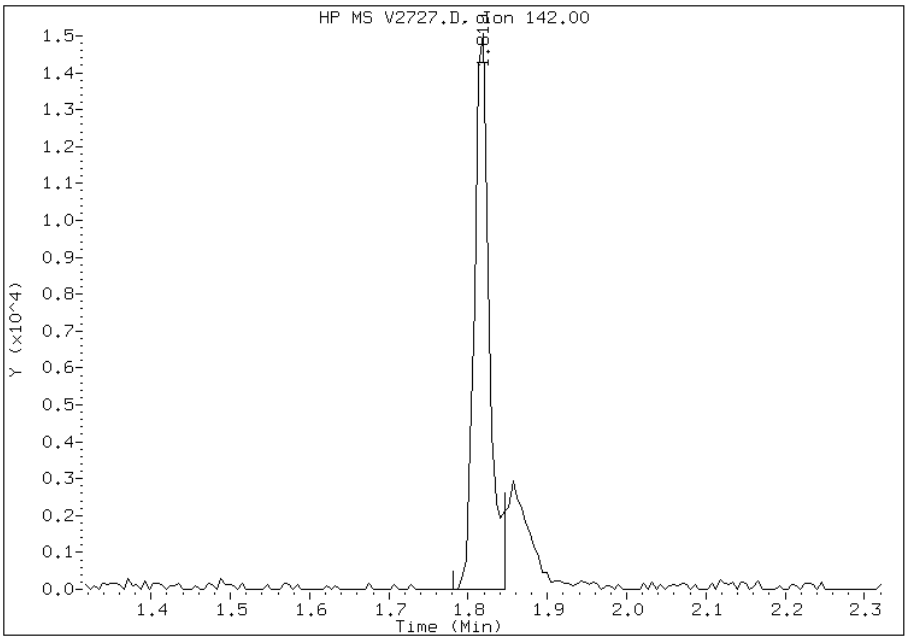
Processing Integration Results

RT: 1.82

Response: 19591

Amount: 2

Conc: 2



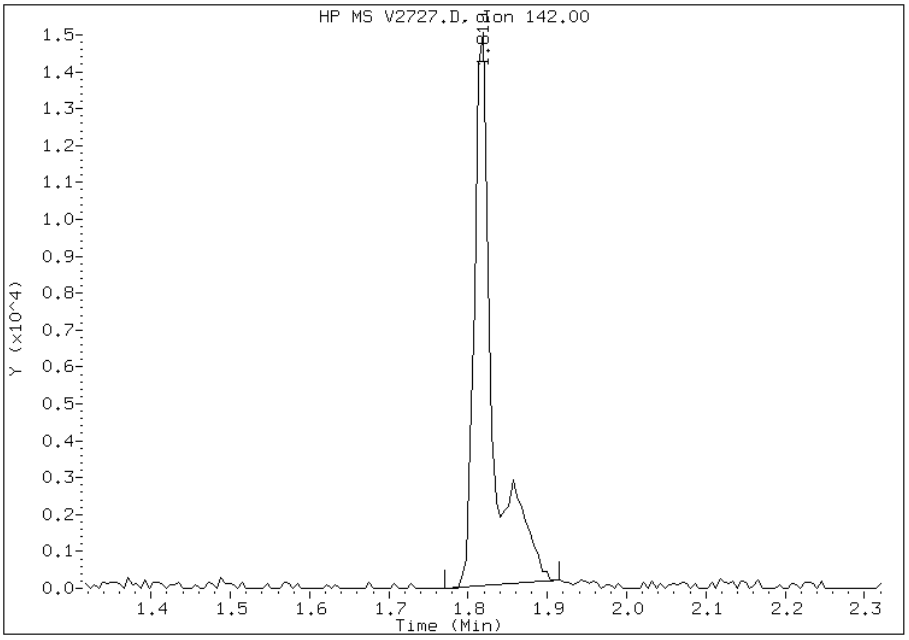
Manual Integration Results

RT: 1.82

Response: 23927

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/24/2009

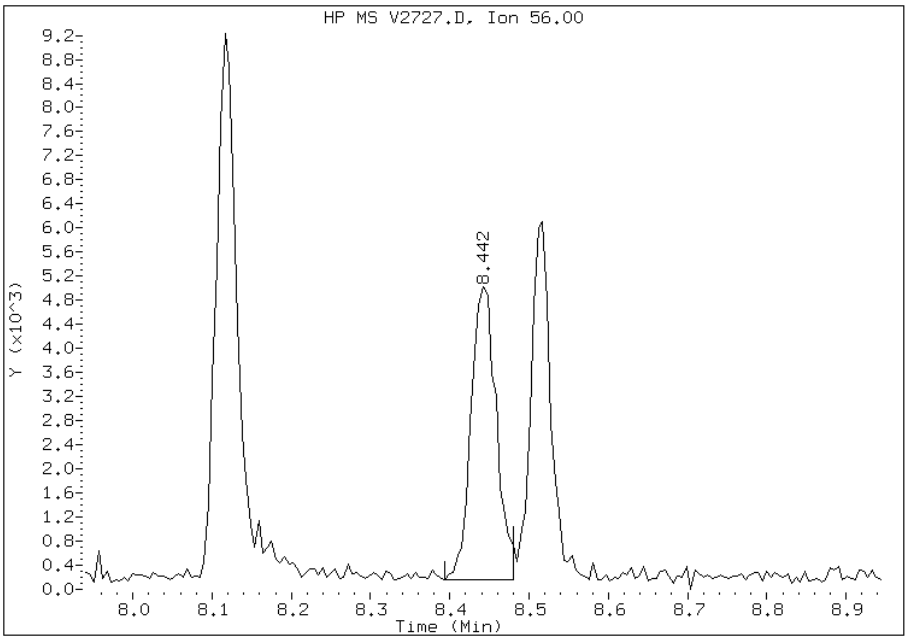
Processing Integration Results

RT: 8.44

Response: 10726

Amount: 1

Conc: 1



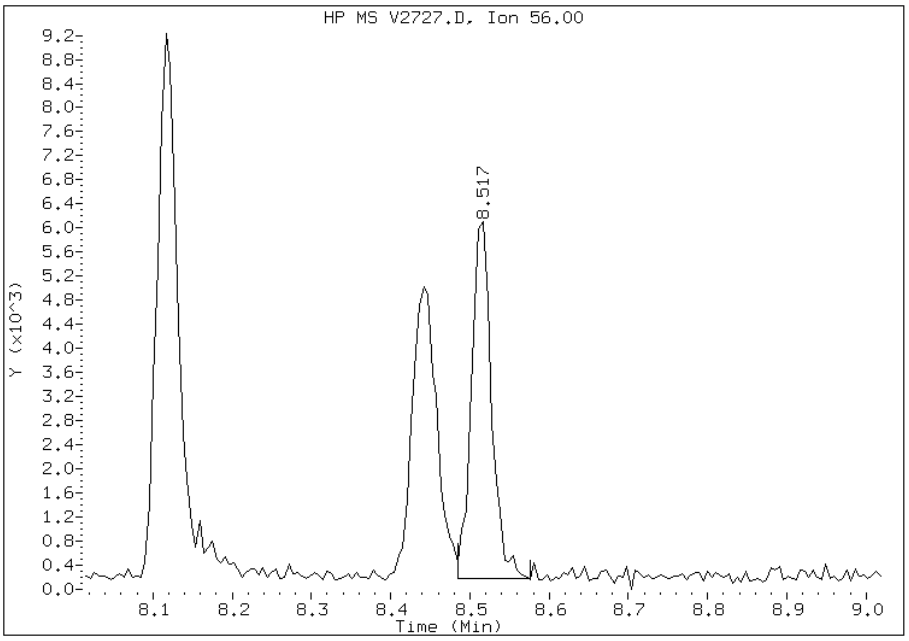
Manual Integration Results

RT: 8.52

Response: 10387

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 03/24/2009

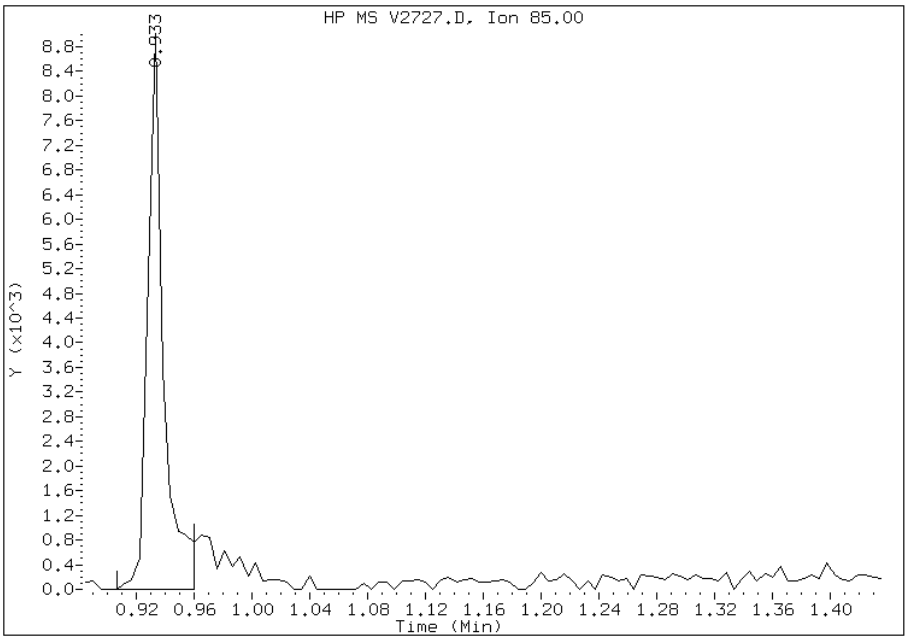
Processing Integration Results

RT: 0.93

Response: 7010

Amount: 1

Conc: 1



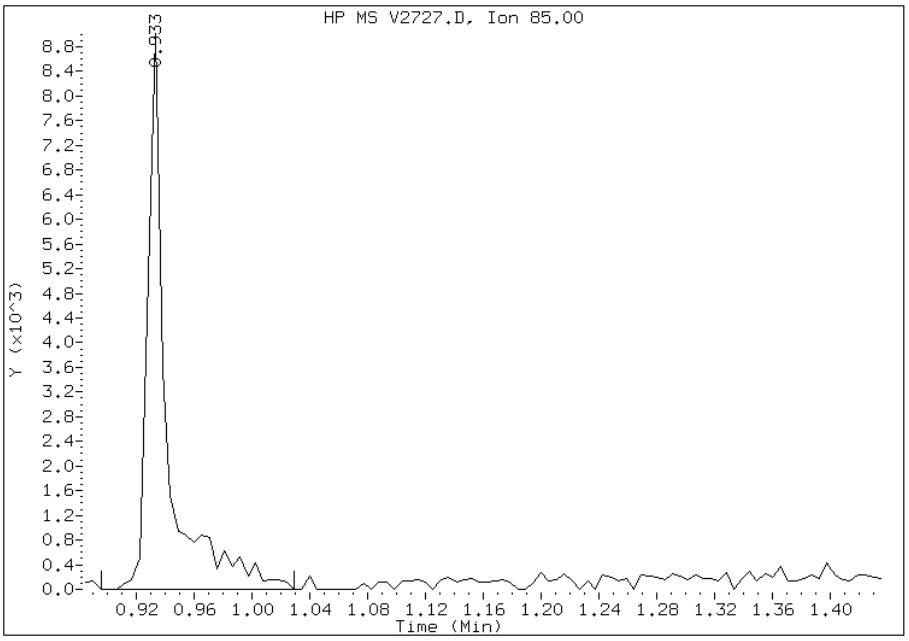
Manual Integration Results

RT: 0.93

Response: 8549

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/24/2009

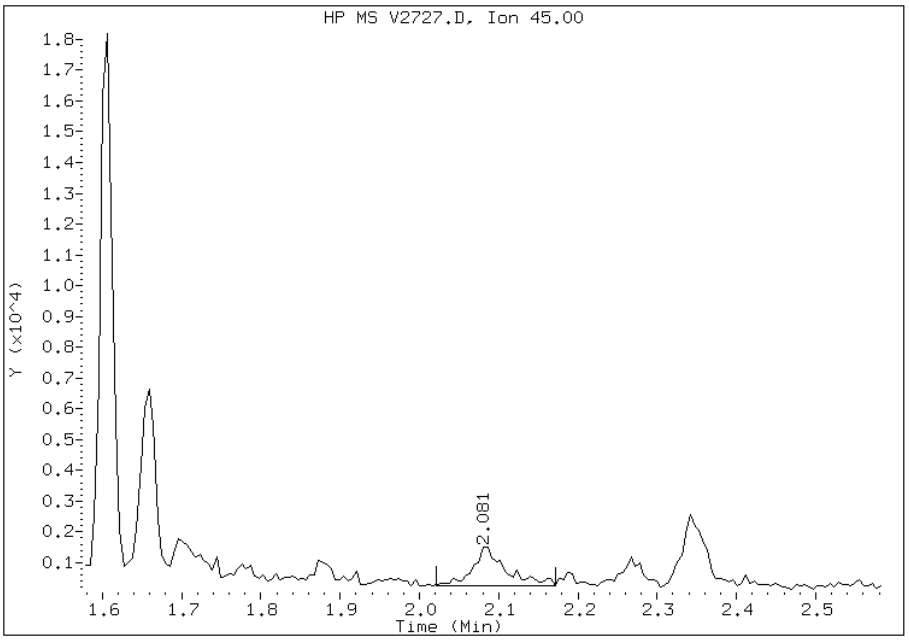
Processing Integration Results

RT: 2.08

Response: 3696

Amount: 3

Conc: 3



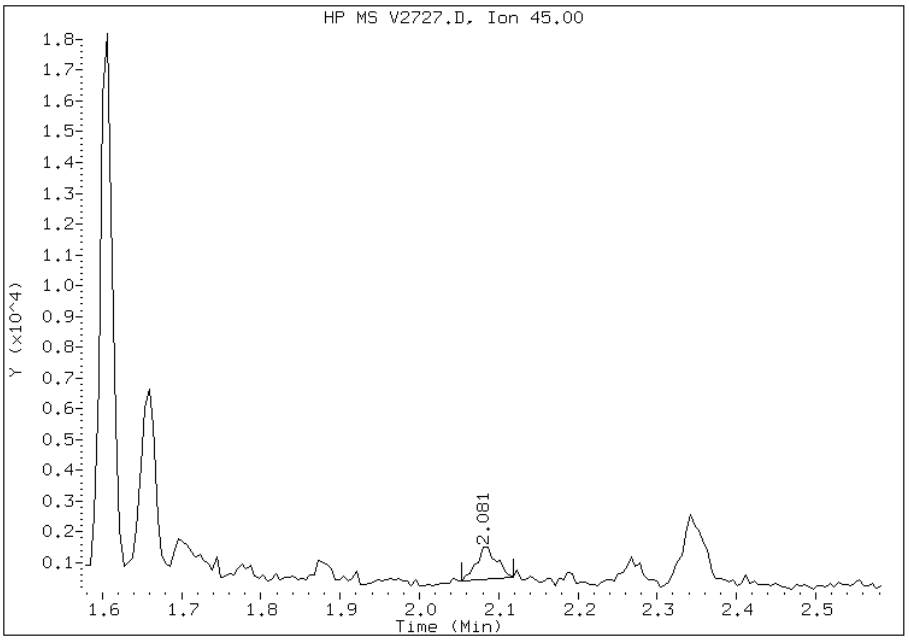
Manual Integration Results

RT: 2.08

Response: 1866

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2727.D
Inj. Date and Time: 23-MAR-2009 18:11
Instrument ID: msv.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/24/2009

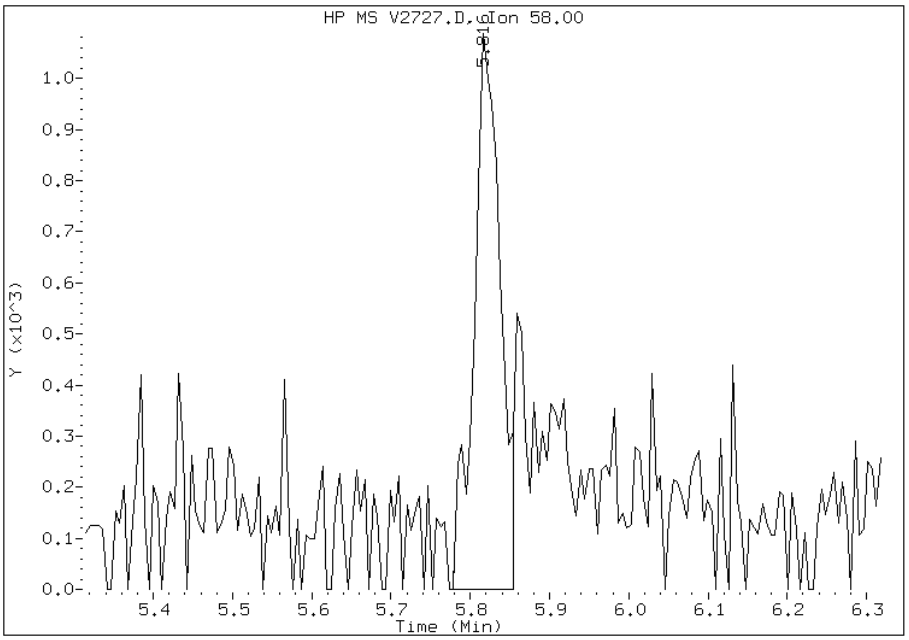
Processing Integration Results

RT: 5.82

Response: 2500

Amount: 19

Conc: 19



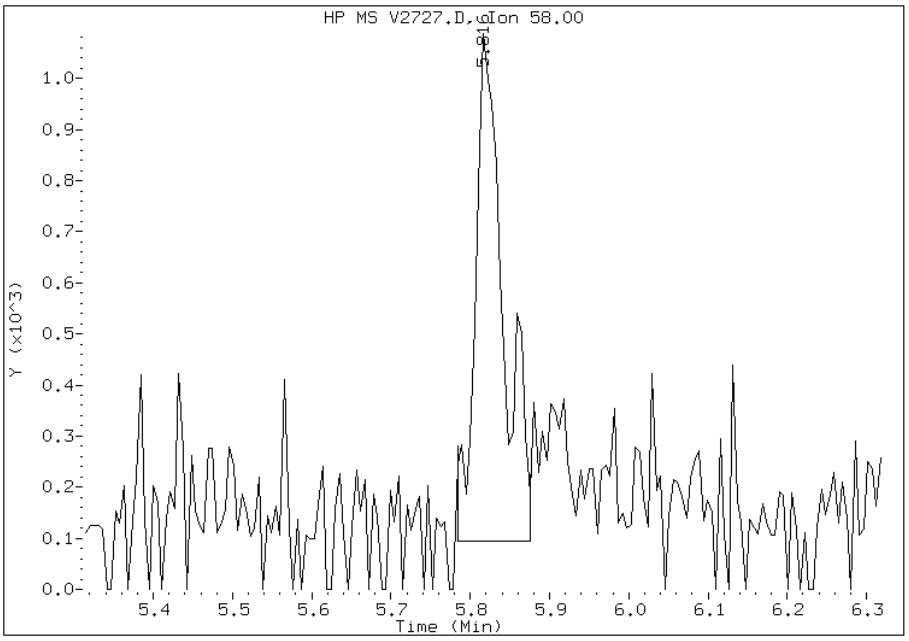
Manual Integration Results

RT: 5.82

Response: 2442

Amount: 19

Conc: 19



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-25415/1	W3872.D
Level 2	IC 220-25415/2	W3873.D
Level 3	IC 220-25415/3	W3874.D
Level 4	ICIS 220-25415/4	W3875.D
Level 5	IC 220-25415/5	W3876.D
Level 6	IC 220-25415/6	W3877.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachloroethane	0 0	0	0	0	0	Ave								15.0			
Pentachloroethane	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.0873 0.1811	0.2630	0.2413	0.1986	0.1860	Lin	-0.045	0.1800							0.9995		
Chloromethane	0.2795 0.3315	0.3795	0.3495	0.3390	0.3341	Ave		0.3355			0.1000	9.7		15.0			
Vinyl chloride	0.1921 0.2729	0.3218	0.2968	0.2777	0.2734	Lin	-0.010	0.2723							1.0000		
Bromomethane	0.1310 0.1344	0.1701	0.1592	0.1345	0.1344	Ave		0.1439				11.4		15.0			
Chloroethane	0.1685 0.1056	0.1857	0.1862	0.1613	0.1415	Qua	0.0465	3.1603	14.489						0.9980		
Trichlorofluoromethane	0.1980 0.3011	0.4281	0.4252	0.3676	0.3284	Lin	-0.077	0.3013							0.9971		
Dichlorofluoromethane	0.3735 0.4445	0.5254	0.5065	0.4765	0.4647	Ave		0.4652				11.5		15.0			
Ethyl ether	0.2634 0.2970	0.3001	0.3040	0.2945	0.2992	Ave		0.2930				5.1		15.0			
1,1-Dichloro-1-fluoroethane	0.2972 0.4728	0.5546	0.5400	0.5048	0.4944	Lin	-0.027	0.4738							0.9994		
Ethanol	0.0106 0.0104	0.0143	0.0133	0.0129	0.0125	Ave		0.0123				12.5		15.0			
1,1-Dichloroethene	0.1821 0.2755	0.2978	0.2918	0.2782	0.2751	Lin	-0.004	0.2751							1.0000		
Carbon disulfide	0.7241 1.0153	1.1145	1.1192	1.0474	1.0278	Ave		1.0081				14.5		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1072 0.2198	0.2740	0.2664	0.2272	0.2220	Lin	-0.021	0.2190							0.9999		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.0440 0.0659	0.0804	0.0714	0.0653	0.0651	Lin	-0.003	0.0657							0.9999		
Iodomethane	0.1351 0.4426	0.2311	0.3060	0.3982	0.4411	Lin	0.0472	0.4479							0.9997		
Acrolein	0.0659 0.0803	0.0652	0.0649	0.0692	0.0735	Ave		0.0698				8.7		15.0			
3-Chloro-1-propene	0.4746 0.6703	0.6760	0.6777	0.6627	0.6758	Ave		0.6395				12.7		15.0			
Isopropyl alcohol	0.0507 0.0428	0.0344	0.0439	0.0375	0.0405	Ave		0.0416				13.6		15.0			
Methylene Chloride	 0.3971	0.7403	0.5433	0.4223	0.4049	Lin	-0.073	0.3900							1.0000		
Acetone	 0.1680	0.2309	0.1792	0.1723	0.1676	Ave		0.1836				14.6		15.0			
trans-1,2-Dichloroethene	0.2502 0.3703	0.3754	0.3748	0.3643	0.3711	Ave		0.3510				14.1		15.0			
Methyl acetate	1.2505 1.4808	1.4666	1.4447	1.5003	1.4779	Ave		1.4368				6.5		15.0			
Methyl tert-butyl ether	1.0515 1.3607	1.3135	1.3337	1.3320	1.3439	Ave		1.2892				9.1		15.0			
2-Methyl-2-propanol	0.0758 0.0602	0.0617	0.0549	0.0575	0.0582	Ave		0.0614				12.1		15.0			
Acetonitrile	0.0694 0.0830	0.0802	0.0759	0.0823	0.0815	Ave		0.0787				6.6		15.0			
Isopropyl ether	1.0700 1.4641	1.4261	1.4338	1.4433	1.4637	Ave		1.3835				11.2		15.0			
2-Chloro-1,3-butadiene	0.1553 0.2735	0.2612	0.2582	0.2663	0.2672	Lin	0.0148	0.2734							0.9999		
1,1-Dichloroethane	0.5429 0.7132	0.7005	0.7234	0.7057	0.7148	Ave		0.6834			0.1000	10.1		15.0			
Acrylonitrile	0.1231 0.2179	0.1722	0.1938	0.2132	0.2122	Lin	0.0421	0.2182							0.9999		
Tert-butyl ethyl ether	1.0214 1.3668	1.3085	1.3541	1.3405	1.3635	Ave		1.2924				10.4		15.0			
Vinyl acetate	0.7829 1.2570	1.0700	1.1229	1.2105	1.2399	Lin	0.0194	1.2604							1.0000		
cis-1,2-Dichloroethene	0.3511 0.4473	0.4206	0.4288	0.4355	0.4446	Ave		0.4213				8.5		15.0			
2,2-Dichloropropane	0.3539 0.4808	0.5218	0.5004	0.4671	0.4693	Ave		0.4656				12.6		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1-Bromopropane	0.4139 0.6193	0.6315	0.6247	0.6092	0.6145	Ave		0.5855				14.4		15.0			
Chlorobromomethane	0.1837 0.2259	0.2298	0.2382	0.2337	0.2328	Ave		0.2240				9.0		15.0			
Cyclohexane	0.1932 0.3570	0.3732	0.4185	0.3749	0.3597	Lin	-0.017	0.3562							0.9998		
Chloroform	0.5839 0.6803	0.6966	0.6873	0.6633	0.6733	Ave		0.6641				6.2		30.0			
Carbon tetrachloride	0.2766 0.4269	0.4348	0.4443	0.4197	0.4156	Lin	0.0071	0.4256							0.9998		
Tetrahydrofuran	0.1614 0.2223	0.2007	0.2035	0.2162	0.2208	Ave		0.2041				11.2		15.0			
Methyl acrylate	0.2765 0.4959	0.3859	0.4162	0.4730	0.4770	Lin	0.0303	0.4966							0.9997		
Ethyl acetate	0.1741 0.2565	0.2234	0.2277	0.2494	0.2522	Ave		0.2306				13.4		15.0			
1,1,1-Trichloroethane	0.3469 0.5146	0.5210	0.5333	0.5060	0.5053	Ave		0.4878				14.3		15.0			
2-Butanone (MEK)	 0.2433	0.2064	0.1876	0.2252	0.2306	Ave		0.2186				10.0		15.0			
1,1-Dichloropropene	0.2998 0.4592	0.4656	0.4896	0.4644	0.4576	Lin	-0.003	0.4587							1.0000		
1-Chlorobutane	0.4356 0.6971	0.7101	0.7372	0.7004	0.6980	Lin	-0.002	0.6969							1.0000		
Benzene	1.1901 1.5224	1.5785	1.6320	1.5445	1.5389	Ave		1.5011				10.5		15.0			
n-Heptane	0.1401 0.2663	0.2443	0.3035	0.2755	0.2805	Lin	-0.017	0.2679							0.9993		
Propionitrile	0.0539 0.0816	0.0741	0.0766	0.0820	0.0816	Ave		0.0750				14.4		15.0			
Methacrylonitrile	0.2553 0.3961	0.3448	0.3576	0.3954	0.3887	Lin	0.0135	0.3964							0.9999		
Isobutyl alcohol	0.0064 0.0061	0.0072	0.0072	0.0064	0.0062	Ave		0.0066				7.7		15.0			
Tert-amyl methyl ether	0.9478 1.2939	1.1848	1.2021	1.2365	1.2714	Ave		1.1894				10.5		15.0			
1,2-Dichloroethane	0.4441 0.5784	0.5600	0.5699	0.5651	0.5698	Ave		0.5479				9.3		15.0			
tert-Butyl Formate	0.0455 0.0534	0.0386	0.0349	0.0427	0.0479	Lin	0.0797	0.0535							0.9969		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl acetate	0.4462 0.7001	0.5885	0.6304	0.6665	0.6909	Lin	0.0416	0.7021							0.9999		
Methylcyclohexane	0.1576 0.3540	0.3377	0.4008	0.3594	0.3622	Lin	-0.009	0.3547							0.9998		
Trichloroethene	0.3012 0.4077	0.3999	0.4284	0.4079	0.4061	Ave		0.3919				11.6		15.0			
Dibromomethane	0.1982 0.2774	0.2530	0.2663	0.2662	0.2731	Ave		0.2557				11.5		15.0			
n-Butanol	0.0079 0.0144	0.0067	0.0083	0.0111	0.0132	Lin	0.9093	0.0146							0.9975		
1,2-Dichloropropane	0.3441 0.4262	0.4208	0.4308	0.4183	0.4231	Ave		0.4105				8.0		30.0			
Dichlorobromomethane	0.3962 0.5260	0.4678	0.4961	0.5016	0.5112	Ave		0.4831				9.7		15.0			
Methyl methacrylate	0.2028 0.3721	0.2618	0.2938	0.3282	0.3557	Lin	0.0476	0.3737							0.9994		
1,4-Dioxane	0.0036 0.0043	0.0047	0.0042	0.0042	0.0042	Ave		0.0042				8.6		15.0			
n-Propyl acetate	0.1579 0.2976	0.2325	0.2427	0.2776	0.2874	Lin	0.0686	0.2984							0.9997		
2-Chloroethyl vinyl ether	0.1956 0.3145	0.2355	0.2624	0.2903	0.3056	Lin	0.0339	0.3156							0.9998		
cis-1,3-Dichloropropene	0.4749 0.6805	0.5866	0.6283	0.6501	0.6709	Ave		0.6152				12.4		15.0			
Toluene	1.4401 1.8913	1.8512	1.9355	1.9109	1.9223	Ave		1.8252				10.5		30.0			
Chloroacetonitrile	0.0075 0.0209	0.0142	0.0151	0.0192	0.0201	Lin	0.4632	0.0210							0.9996		
2-Nitropropane	0.0913 0.1531	0.1196	0.1303	0.1430	0.1496	Lin	0.0597	0.1537							0.9998		
1,1-Dichloroacetone	0.2090 0.3535	0.2730	0.3056	0.3449	0.3584	Lin	0.0795	0.3561							0.9999		
Tetrachloroethene	0.2373 0.3513	0.3395	0.3849	0.3566	0.3555	Lin	-0.007	0.3515							0.9999		
4-Methyl-2-pentanone (MIBK)	0.3804 0.6142	0.4795	0.5130	0.5877	0.6115	Lin	0.0232	0.6175							0.9999		
trans-1,3-Dichloropropene	0.3887 0.6580	0.5259	0.5846	0.6231	0.6447	Lin	0.0248	0.6598							0.9999		
1,1,2-Trichloroethane	0.2828 0.3880	0.3608	0.3785	0.3770	0.3832	Ave		0.3617				11.0		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.3567 0.7587	0.5200	0.5789	0.6741	0.7431	Lin	0.0441	0.7644							0.9996		
Chlorodibromomethane	0.3602 0.5445	0.4491	0.4884	0.5131	0.5434	Ave		0.4831				14.5		15.0			
1,3-Dichloropropane	0.6469 0.8166	0.8053	0.8469	0.8168	0.8335	Ave		0.7943				9.3		15.0			
Ethylene Dibromide	0.3461 0.4918	0.4556	0.4790	0.4836	0.4988	Ave		0.4592				12.5		15.0			
2-Hexanone	0.2589 0.4509	0.3442	0.3921	0.4328	0.4534	Lin	0.0199	0.4538							0.9999		
Chlorobenzene	1.0438 1.2905	1.2606	1.3401	1.2983	1.3148	Ave		1.2580			0.3000	8.6		15.0			
n-Butyl acetate	0.1422 0.2002	0.1657	0.2006	0.1939	0.1878	Ave		0.1817				12.8		15.0			
1-Chlorohexane	0.2788 0.4454	0.3908	0.3698	0.3601	0.4749	Lin	0.0360	0.4547							0.9971		
Ethylbenzene	0.4501 0.6496	0.5927	0.6802	0.6492	0.6578	Ave		0.6133				13.9		30.0			
1,1,1,2-Tetrachloroethane	0.3434 0.4797	0.4371	0.4577	0.4653	0.4813	Ave		0.4441				11.7		15.0			
m-Xylene & p-Xylene	0.5209 0.7897	0.7003	0.7925	0.7908	0.8073	Lin	0.0004	0.7933							0.9999		
o-Xylene	0.5454 0.7750	0.6702	0.7756	0.7728	0.7917	Ave		0.7218				13.4		15.0			
Bromoform	0.2387 0.4056	0.2934	0.3324	0.3660	0.3962	Lin	0.0379	0.4078							0.9997		
Styrene	0.7375 1.3358	0.9382	1.1426	1.2630	1.3459	Lin	0.0240	1.3462							0.9999		
Isopropylbenzene	1.9563 3.1068	2.5897	3.1077	3.0487	3.1482	Lin	0.0064	3.1199							0.9999		
Bromobenzene	0.7437 1.0631	0.9405	1.0630	1.0430	1.0686	Ave		0.9870				13.0		15.0			
N-Propylbenzene	2.0781 3.4324	2.7404	3.4811	3.4140	3.4958	Lin	0.0036	3.4485							0.9999		
1,1,2,2-Tetrachloroethane	0.8641 1.0888	0.9471	1.0465	1.0821	1.0921	Ave		1.0201			0.3000	9.2		15.0			
4-Ethyltoluene	1.6867 3.0575	2.4287	3.0593	3.0731	3.1162	Lin	0.0029	3.0724							0.9999		
2-Chlorotoluene	1.8576 2.5967	2.2943	2.7064	2.6373	2.6522	Ave		2.4574				13.3		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichloropropane	0.3028 0.3676	0.3663	0.3748	0.3729	0.3728	Ave		0.3595				7.8		15.0			
1,3,5-Trimethylbenzene	1.5654 2.5738	2.0335	2.6227	2.5822	2.6286	Lin	0.0017	2.5863							0.9999		
trans-1,4-Dichloro-2-butene	0.1718 0.2682	0.2244	0.2399	0.2704	0.2697	Lin	0.0176	0.2693							1.0000		
4-Chlorotoluene	1.7607 2.4571	2.1068	2.5408	2.4750	2.5033	Ave		2.3073				13.5		15.0			
tert-Butylbenzene	1.2834 2.0896	1.5963	2.1077	2.0538	2.1229	Lin	0.0069	2.0999							0.9999		
1,2,4-Trimethylbenzene	1.5741 2.6792	2.1177	2.6392	2.6430	2.7103	Lin	0.0079	2.6912							0.9999		
sec-Butylbenzene	1.5595 2.7489	2.1069	2.8285	2.7456	2.8160	Lin	0.0021	2.7640							0.9998		
4-Isopropyltoluene	1.3050 2.4858	1.7606	2.4291	2.3965	2.5090	Lin	0.0144	2.4997							0.9999		
1,3-Dichlorobenzene	1.2579 1.7031	1.4325	1.7353	1.6775	1.7001	Ave		1.5844				12.3		15.0			
1,4-Dichlorobenzene	1.3747 1.7695	1.5775	1.8207	1.7395	1.7832	Ave		1.6775				10.2		15.0			
p-Diethylbenzene	0.6486 1.3808	0.9677	1.2711	1.2799	1.3775	Lin	0.0260	1.3892							0.9999		
Benzyl chloride	0.3059 0.4900	0.3579	0.4033	0.4566	0.4816	Lin	0.0314	0.4925							0.9999		
n-Butylbenzene	1.2192 2.1367	1.6441	2.2082	2.0966	2.1572	Lin	0.0071	2.1447							0.9999		
1,2-Dichlorobenzene	1.2679 1.7259	1.4983	1.7445	1.6663	1.7143	Ave		1.6029				11.7		15.0			
1,2,4,5-Tetramethylbenzene	1.1533 2.5285	1.5726	2.1314	2.2325	2.4470	Lin	0.0445	2.5420							0.9995		
1,2-Dibromo-3-Chloropropane	0.1947 0.2431	0.2014	0.1997	0.2188	0.2314	Ave		0.2148				9.1		15.0			
Nitrobenzene	0.0462 0.1288	0.0505	0.0540	0.0819	0.1117	Lin	1.3594	0.1305							0.9935		
Hexachlorobutadiene	0.5982 0.4934	0.4015	0.4897	0.4572	0.4871	Ave		0.4879				13.2		15.0			
1,2,4-Trichlorobenzene	0.8410 1.2012	0.8518	1.1430	1.0953	1.1779	Lin	0.0286	1.2052							0.9997		
Naphthalene	2.6093 3.8334	2.8068	3.5521	3.6642	3.8381	Lin	0.0184	3.8526							0.9999		

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.8187 1.1827	0.8298	1.1181	1.1007	1.1651	Lin	0.0251	1.1868							0.9998		
Dibromofluoromethane	0.2491 0.3231	0.3118	0.3080	0.3101	0.3196	Ave		0.3036				9.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3013 0.3787	0.3855	0.3773	0.3664	0.3771	Ave		0.3644				8.6		15.0			
Toluene-d8 (Surr)	1.0874 1.3153	1.3253	1.3950	1.3232	1.3423	Ave		1.2981				8.3		15.0			
4-Bromofluorobenzene	0.9807 0.8841	0.8602	0.9050	0.8776	0.8872	Ave		0.8991				4.7		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-25415/1	W3872.D
Level 2	IC 220-25415/2	W3873.D
Level 3	IC 220-25415/3	W3874.D
Level 4	ICIS 220-25415/4	W3875.D
Level 5	IC 220-25415/5	W3876.D
Level 6	IC 220-25415/6	W3877.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Pentachloroethane	DCB	Ave	0 0	0	0	0	0	0.500 100	2.00	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Lin	1886 691185	19888	45184	150874	353639	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Ave	6041 1265300	28704	65432	257560	635270	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Lin	4152 1041710	24340	55563	211025	519710	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Ave	2830 513002	12864	29813	102184	255547	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Qua	3642 402898	14042	34867	122573	269082	0.500 100	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Lin	4279 1149390	32382	79614	279323	624416	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	8072 1696520	39736	94827	362075	883514	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Ave	5692 1133550	22698	56921	223813	568796	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloro-1-fluoroethane	FB	Lin	6423 1804760	41943	101096	383537	939960	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Ave	2295 396948	10793	24991	98264	237762	5.00 1000	20.0	50.0	200	500
1,1-Dichloroethene	FB	Lin	3936 1051550	22525	54635	211422	522957	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Ave	15649 3875380	84292	209552	795894	1954060	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Lin	2317 839051	20723	49881	172664	422043	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Lin	950 251617	6082	13360	49598	123719	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Iodomethane	FB	Lin	2920 1689270	17482	57291	302554	838528	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Ave	7120 1532540	24675	60750	262990	698273	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Ave	10256 2558390	51125	126882	503532	1284800	0.500 100	2.00	5.00	20.0	50.0
Isopropyl alcohol	FB	Ave	1096 163359	2602	8214	28461	76977	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Lin	 1515510	55989	101726	320876	769868	 100	2.00	5.00	20.0	50.0
Acetone	FB	Ave	 641252	17462	33549	130917	318683	 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	5408 1413410	28394	70181	276782	705629	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	27023 5651990	110927	270497	1140010	2809750	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	22724 5193730	99342	249703	1012150	2555110	0.500 100	2.00	5.00	20.0	50.0
2-Methyl-2-propanol	FB	Ave	8185 1148380	23330	51360	218639	553256	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Ave	14993 3167600	60678	142052	625481	1549120	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Ave	23123 5588200	107864	268445	1096700	2782720	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Lin	3356 1043900	19759	48336	202368	507966	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	11732 2722170	52984	135451	536236	1358990	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Lin	5320 1663560	26054	72553	324067	806817	1.00 200	4.00	10.0	40.0	100
Tert-butyl ethyl ether	FB	Ave	22073 5216660	98968	253523	1018580	2592200	0.500 100	2.00	5.00	20.0	50.0
Vinyl acetate	FB	Lin	16918 4797800	80927	210241	919781	2357370	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	7588 1707080	31810	80288	330908	845205	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	7648 1835140	39463	93698	354910	892296	0.500 100	2.00	5.00	20.0	50.0
1-Bromopropane	FB	Ave	8944 2363590	47762	116967	462921	1168240	0.500 100	2.00	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	3970 862154	17381	44600	177551	442631	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Cyclohexane	FB	Lin	4176 1362560	28226	78355	284847	683871	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	12619 2596520	52686	128680	503974	1280050	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Lin	5978 1629220	32884	83178	318905	790054	0.500 100	2.00	5.00	20.0	50.0
Tetrahydrofuran	FB	Ave	6976 1696730	30358	76200	328619	839513	1.00 200	4.00	10.0	40.0	100
Methyl acrylate	FB	Lin	5976 1892820	29188	77923	359396	906821	0.500 100	2.00	5.00	20.0	50.0
Ethyl acetate	FB	Ave	7524 1958150	33800	85275	379007	958857	1.00 200	4.00	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	7497 1964020	39403	99857	384505	960587	0.500 100	2.00	5.00	20.0	50.0
2-Butanone (MEK)	FB	Ave	 928556	15607	35116	171105	438463	 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Lin	6479 1752860	35216	91662	352900	869983	0.500 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Lin	9414 2660640	53707	138021	532164	1327110	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	25719 5810700	119388	305555	1173550	2925790	0.500 100	2.00	5.00	20.0	50.0
n-Heptane	FB	Lin	3027 1016280	18476	56824	209316	533285	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	11644 3113580	56075	143341	623382	1551710	5.00 1000	20.0	50.0	200	500
Methacrylonitrile	FB	Lin	5517 1511720	26078	66945	300470	738973	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Ave	1377 233035	5483	13502	48868	117430	5.00 1000	20.0	50.0	200	500
Tert-amyl methyl ether	FB	Ave	20483 4938650	89608	225075	939529	2417250	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	9598 2207590	42353	106696	429419	1083250	0.500 100	2.00	5.00	20.0	50.0
tert-Butyl Formate	FB	Lin	983 203902	2923	6528	32409	91008	0.500 100	2.00	5.00	20.0	50.0
Isopropyl acetate	FB	Lin	19286 5344090	89028	236074	1012930	2627180	1.00 200	4.00	10.0	40.0	100
Methylcyclohexane	FB	Lin	3405 1351110	25545	75043	273127	688597	0.500 100	2.00	5.00	20.0	50.0
Trichloroethene	FB	Ave	6510 1556140	30243	80213	309951	771992	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	4284 1058970	19139	49868	202285	519267	0.500 100	2.00	5.00	20.0	50.0
n-Butanol	FB	Lin	1704 551151	5104	15514	84332	251702	5.00 1000	20.0	50.0	200	500
1,2-Dichloropropane	FB	Ave	7436 1626920	31824	80652	317868	804340	0.500 100	2.00	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	8561 2007610	35383	92878	381162	971858	0.500 100	2.00	5.00	20.0	50.0
Methyl methacrylate	FB	Lin	4383 1420400	19800	55016	249390	676202	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Ave	778 162321	3575	7772	31763	80355	5.00 1000	20.0	50.0	200	500
n-Propyl acetate	FB	Lin	6825 2271880	35167	90892	421884	1092750	1.00 200	4.00	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Lin	4227 1200250	17813	49133	220603	581053	0.500 100	2.00	5.00	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	10262 2597270	44365	117638	494006	1275480	0.500 100	2.00	5.00	20.0	50.0
Toluene	CBZ	Ave	25413 6211180	114673	296524	1211150	3046760	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Lin	1631 798901	10713	28339	145784	381272	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Lin	3947 1168980	18087	48787	217279	568756	1.00 200	4.00	10.0	40.0	100
1,1-Dichloroacetone	CBZ	Lin	18438 5805250	84562	234064	1092990	2840310	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Lin	4187 1153690	21028	58972	225994	563416	0.500 100	2.00	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	CBZ	Lin	6712 2017010	29706	78598	372517	969193	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Lin	8401 2511590	39776	109461	473462	1225720	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	6111 1480840	27290	70871	286481	728594	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Lin	6295 2491830	32214	88689	427235	1177830	0.500 100	2.00	5.00	20.0	50.0
Chlorodibromomethane	CBZ	Ave	6357 1788050	27819	74827	325225	861241	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	11416 2681840	49885	129753	517666	1321100	0.500 100	2.00	5.00	20.0	50.0
Ethylene Dibromide	CBZ	Ave	6108 1615170	28224	73391	306516	790497	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Hexanone	CBZ	Lin	4568 1480890	21322	60077	274315	718583	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	18419 4238040	78089	205310	822862	2083850	0.500 100	2.00	5.00	20.0	50.0
n-Butyl acetate	CBZ	Ave	2510 657548	10263	30725	122870	297636	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Lin	4919 1462730	24211	56656	228212	752658	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	7942 2133470	36715	104215	411463	1042640	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	6060 1575280	27078	70126	294926	762800	0.500 100	2.00	5.00	20.0	50.0
m-Xylene & p-Xylene	CBZ	Lin	18385 5187170	86765	242831	1002440	2559110	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Ave	9625 2545090	41518	118832	489796	1254720	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Lin	4213 1332150	18175	50931	231978	627997	0.500 100	2.00	5.00	20.0	50.0
Styrene	CBZ	Lin	13015 4386790	58116	175057	800500	2133120	0.500 100	2.00	5.00	20.0	50.0
Isopropylbenzene	DCB	Lin	17903 5410500	85004	255195	1043980	2693880	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	6806 1851430	30871	87288	357160	914396	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Lin	19018 5977590	89951	285859	1169060	2991370	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	7908 1896070	31086	85934	370551	934546	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Lin	15436 5324650	79720	251219	1052350	2666510	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	17000 4522140	75307	222239	903091	2269480	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	2771 640216	12024	30778	127692	319006	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Lin	14326 4482300	66748	215367	884219	2249300	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Lin	3145 934047	14734	39396	185154	461531	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Ave	16113 4279060	69153	208642	847535	2142070	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Lin	11745 3639060	52398	173081	703282	1816610	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trimethylbenzene	DCB	Lin	14405 4665870	69512	216722	905038	2319220	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Lin	14272 4787260	69155	232266	940179	2409610	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Lin	11943 4329090	57790	199470	820643	2146960	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	11512 2965880	47019	142498	574428	1454730	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	12580 3081570	51778	149508	595662	1525860	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Lin	5936 2404690	31764	104383	438285	1178710	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Lin	2799 853343	11746	33121	156360	412080	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Lin	11157 3721050	53966	181331	717958	1845940	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	11603 3005680	49181	143256	570598	1466920	0.500 100	2.00	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCB	Lin	10554 4403330	51617	175029	764494	2093910	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	1782 423291	6610	16396	74928	198042	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Lin	4224 2243500	16572	44324	280564	955764	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Ave	5474 859334	13180	40213	156550	416846	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Lin	7696 2091900	27960	93856	375056	1007930	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Lin	23879 6675800	92130	291690	1254740	3284290	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Lin	7492 2059640	27238	91819	376906	997000	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	5384 1233070	23585	57658	235654	607682	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	6512 1445480	29153	70642	278402	717006	0.500 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	19188 4319530	82099	213725	838671	2127450	0.500 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	8975 1539600	28235	74315	300531	759209	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1 Analy Batch No.: 25415

SDG No.: 220-8385

Instrument ID: MSW GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/20/2009 20:10 Calibration End Date: 03/20/2009 22:22 Calibration ID: 3302

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W3872.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 20-MAR-2009 20:10 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;0.5
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W8260LOW.M
Meth Date : 21-Mar-2009 14:57 msw.i Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	1080522	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.204)	1886	0.50000	0.0(M)
3	Chloromethane	50	1.137	1.137	(0.230)	6041	0.50000	0.0
4	Vinyl Chloride	62	1.175	1.175	(0.237)	4152	0.50000	0.0(M)
5	Bromomethane	94	1.367	1.367	(0.276)	2830	0.50000	0.0
6	Chloroethane	64	1.448	1.448	(0.292)	3642	0.50000	0.0
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	4279	0.50000	0.0
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	8072	0.50000	0.0(T)
9	Ethyl Ether	45	1.737	1.737	(0.350)	5692	0.50000	0.0
10	Ethanol	45	1.795	1.795	(0.362)	2295	5.00000	0.0(M)
11	Freon 141	81	1.795	1.795	(0.362)	6423	0.50000	0.0
12	Freon 123	67	1.913	1.913	(0.386)	950	0.50000	0.0(M)
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	2317	0.50000	0.0
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	3936	0.50000	0.0
15	Carbon Disulfide	76	1.886	1.886	(0.381)	15649	0.50000	0.0
16	Iodomethane	142	1.967	1.967	(0.397)	2920	0.50000	0.0
17	Acrolein	56	2.111	2.111	(0.426)	7120	2.50000	0.0
18	2-Propanol	45	2.255	2.255	(0.455)	1096	0.50000	0.0(M)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.448)	10256	0.50000	0.0
20	Methylene Chloride	84	2.298	2.298	(0.464)	28456	0.50000	0.0
21	Acetone	43	2.341	2.341	(0.472)	8430	0.50000	0.0
22	trans-1,2-Dichloroethene	96	2.432	2.432	(0.491)	5408	0.50000	0.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.496)	27023	0.50000	0.0
	24 Methyl tert-Butyl Ether	73	2.534	2.534	(0.511)	22724	0.50000	0.0
	25 tert-Butyl alcohol	59	2.630	2.630	(0.531)	8185	2.50000	0.0(M)
	27 Isopropyl ether	45	2.908	2.908	(0.587)	23123	0.50000	0.0
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	22073	0.50000	0.0
	29 2-Chloro-1,3-Butadiene	88	2.994	2.994	(0.604)	3356	0.50000	0.0
	30 Acrylonitrile	53	3.063	3.063	(0.618)	5320	1.00000	0.0
	31 1,1-Dichloroethane	63	3.004	3.004	(0.606)	11732	0.50000	0.0
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	16918	0.50000	0.0(M)
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	7588	0.50000	0.0
	34 2,2-Dichloropropane	77	3.678	3.678	(0.742)	7648	0.50000	0.0
	35 Bromochloromethane	128	3.775	3.775	(0.762)	3970	0.50000	0.0
	36 1-Bromopropane	43	3.764	3.764	(0.759)	8944	0.50000	0.0
	37 Cyclohexane	84	3.775	3.775	(0.762)	4176	0.50000	0.0
	38 Chloroform	83	3.876	3.876	(0.782)	12619	0.50000	0.0
	39 Ethyl Acetate	43	4.048	4.048	(0.817)	7524	1.00000	0.0
	40 Methyl Acrylate	55	4.048	4.048	(0.817)	5976	0.50000	0.0(M)
$	41 Dibromofluoromethane	111	4.064	4.064	(0.820)	5384	0.50000	0.0
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	6976	1.00000	0.0
	43 Carbon Tetrachloride	117	3.999	3.999	(0.807)	5978	0.50000	0.0
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.823)	7497	0.50000	0.0
	45 2-Butanone	43	4.229	4.229	(0.853)	3977	0.50000	0.0
	46 1,1-Dichloropropene	75	4.219	4.219	(0.851)	6479	0.50000	0.0
	47 tert-Amyl methyl ether	73	4.657	4.657	(0.940)	20483	0.50000	0.0
	48 tert-Butyl formate	57	4.823	4.823	(0.973)	983	0.50000	0.0(M)
	49 1-Chlorobutane	56	4.288	4.288	(0.865)	9414	0.50000	0.0
	50 Heptane	43	4.502	4.502	(0.908)	3027	0.50000	0.0
	51 Propionitrile	54	4.524	4.524	(0.913)	11644	5.00000	0.0
	52 Benzene	78	4.486	4.486	(0.905)	25719	0.50000	0.0
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.917)	5517	0.50000	0.0
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	6512	0.50000	0.0
	56 1,2-Dichloroethane	62	4.711	4.711	(0.950)	9598	0.50000	0.0
	59 Methyl Cyclohexane	83	5.134	5.134	(1.036)	3405	0.50000	0.0
	60 Trichloroethene	130	5.155	5.155	(1.040)	6510	0.50000	0.0
	61 Isopropyl Acetate	43	5.080	5.080	(1.025)	19286	1.00000	0.0
	62 n-Butanol	56	5.658	5.658	(1.141)	1704	5.00000	0.0(M)
	63 Dibromomethane	93	5.610	5.610	(1.132)	4284	0.50000	0.0
	64 1,2-Dichloropropane	63	5.727	5.727	(1.155)	7436	0.50000	0.0(T)
	65 Bromodichloromethane	83	5.834	5.834	(1.177)	8561	0.50000	0.0
	66 Methyl Methacrylate	69	6.080	6.080	(1.227)	4383	0.50000	0.0
	67 1,4-Dioxane	58	6.091	6.091	(1.229)	778	5.00000	0.0(M)
	68 n-Propyl Acetate	43	6.273	6.273	(1.265)	6825	1.00000	0.0(T)
	69 2-Chloroethylvinylether	63	6.562	6.562	(1.324)	4227	0.50000	0.0
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	10262	0.50000	0.0
	71 Chloroacetonitrile	48	7.086	7.086	(1.429)	1631	5.00000	0.0
	72 2-Nitropropane	41	7.134	7.134	(1.439)	3947	1.00000	0.0(T)
	73 trans-1,3-Dichloropropene	75	7.402	7.402	(1.493)	8401	0.50000	0.0
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	6111	0.50000	0.0
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	882325	25.0000	
	76 Toluene	91	6.867	6.867	(0.789)	25413	0.50000	0.0
$	77 Toluene-d8	98	6.803	6.803	(0.782)	19188	0.50000	0.0
	78 1,1-Dichloro-2-propanone	43	7.156	7.156	(0.822)	18438	2.50000	0.0
	79 4-Methyl-2-Pentanone	43	7.370	7.370	(0.847)	6712	0.50000	0.0(T)
	80 Tetrachloroethene	164	7.322	7.322	(0.841)	4187	0.50000	0.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	81 Ethyl Methacrylate	69	7.664	7.664	(0.881)	6295	0.50000	0.0
	82 Dibromochloromethane	129	7.776	7.776	(0.894)	6357	0.50000	0.0(T)
	83 1,3-Dichloropropane	76	7.889	7.889	(0.907)	11416	0.50000	0.0
	84 1,2-Dibromoethane	107	8.022	8.022	(0.922)	6108	0.50000	0.0
	85 n-Butyl Acetate	56	8.777	8.777	(1.009)	2510	0.50000	0.0(M)
	86 2-Hexanone	43	8.429	8.429	(0.969)	4568	0.50000	0.0(TM)
	87 1-Chlorohexane	91	8.782	8.782	(1.009)	4919	0.50000	0.0(M)
	88 Chlorobenzene	112	8.723	8.723	(1.002)	18419	0.50000	0.0
	89 1,1,1,2-Tetrachloroethane	131	8.825	8.825	(1.014)	6060	0.50000	0.0(T)
	90 Ethylbenzene	106	8.809	8.809	(1.012)	7942	0.50000	0.0
	91 Xylene (total)mp	106	9.007	9.007	(1.035)	18385	1.00000	0.0
	92 Xylene (total)o	106	9.504	9.504	(1.092)	9625	0.50000	0.0
	93 Styrene	104	9.574	9.574	(1.100)	13015	0.50000	0.0
	94 Bromoform	173	9.563	9.563	(1.099)	4213	0.50000	0.0
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	457572	25.0000	
	96 Isopropylbenzene	105	9.863	9.863	(0.887)	17903	0.50000	0.0
	97 Bromobenzene	156	10.194	10.194	(0.917)	6806	0.50000	0.0
	98 1,1,2,2-Tetrachloroethane	83	10.350	10.350	(0.931)	7908	0.50000	0.0
	99 4-Ethyltoluene	105	10.387	10.387	(0.935)	15436	0.50000	0.0
	100 1,2,3-Trichloropropane	110	10.451	10.451	(0.940)	2771	0.50000	0.0
	101 trans-1,4-Dichloro-2-Butene	53	10.510	10.510	(0.946)	3145	1.00000	0.0
	102 n-Propylbenzene	91	10.280	10.280	(0.925)	19018	0.50000	0.0
	103 2-Chlorotoluene	91	10.392	10.392	(0.935)	17000	0.50000	0.0
	104 4-Chlorotoluene	91	10.547	10.547	(0.949)	16113	0.50000	0.0(M)
	105 1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	14326	0.50000	0.0
	106 tert-Butylbenzene	119	10.745	10.745	(0.967)	11745	0.50000	0.0
	107 1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	14405	0.50000	0.0
	108 sec-Butylbenzene	105	10.901	10.901	(0.981)	14272	0.50000	0.0
	109 4-Isopropyltoluene	119	11.034	11.034	(0.993)	11943	0.50000	0.0
	110 1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	11512	0.50000	0.0
	111 1,4-Dichlorobenzene	146	11.131	11.131	(1.001)	12580	0.50000	0.0
	112 1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	11603	0.50000	0.0
	113 Benzyl Chloride	126	11.345	11.345	(1.021)	2799	0.50000	0.0
	114 1,4-Diethylbenzene	119	11.334	11.334	(1.020)	5936	0.50000	0.0
	115 n-Butylbenzene	91	11.377	11.377	(1.024)	11157	0.50000	0.0(M)
	118 1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	10554	0.50000	0.0
	119 1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	1782	0.50000	0.0
	120 Nitrobenzene	77	12.484	12.484	(1.123)	4224	5.00000	0.0
	121 1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	7696	0.50000	0.0
	122 Hexachlorobutadiene	225	12.564	12.564	(1.130)	5474	0.50000	0.0
	123 Naphthalene	128	12.800	12.800	(1.152)	23879	0.50000	0.0
	124 1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	7492	0.50000	0.0
$	125 Bromofluorobenzene	95	10.120	10.120	(0.910)	8975	0.50000	0.0
M	126 1,2-Dichloroethene (total)	100				12996	1.00000	0.0
M	127 Xylene (total)	100				28010	1.50000	0.0

QC Flag Legend

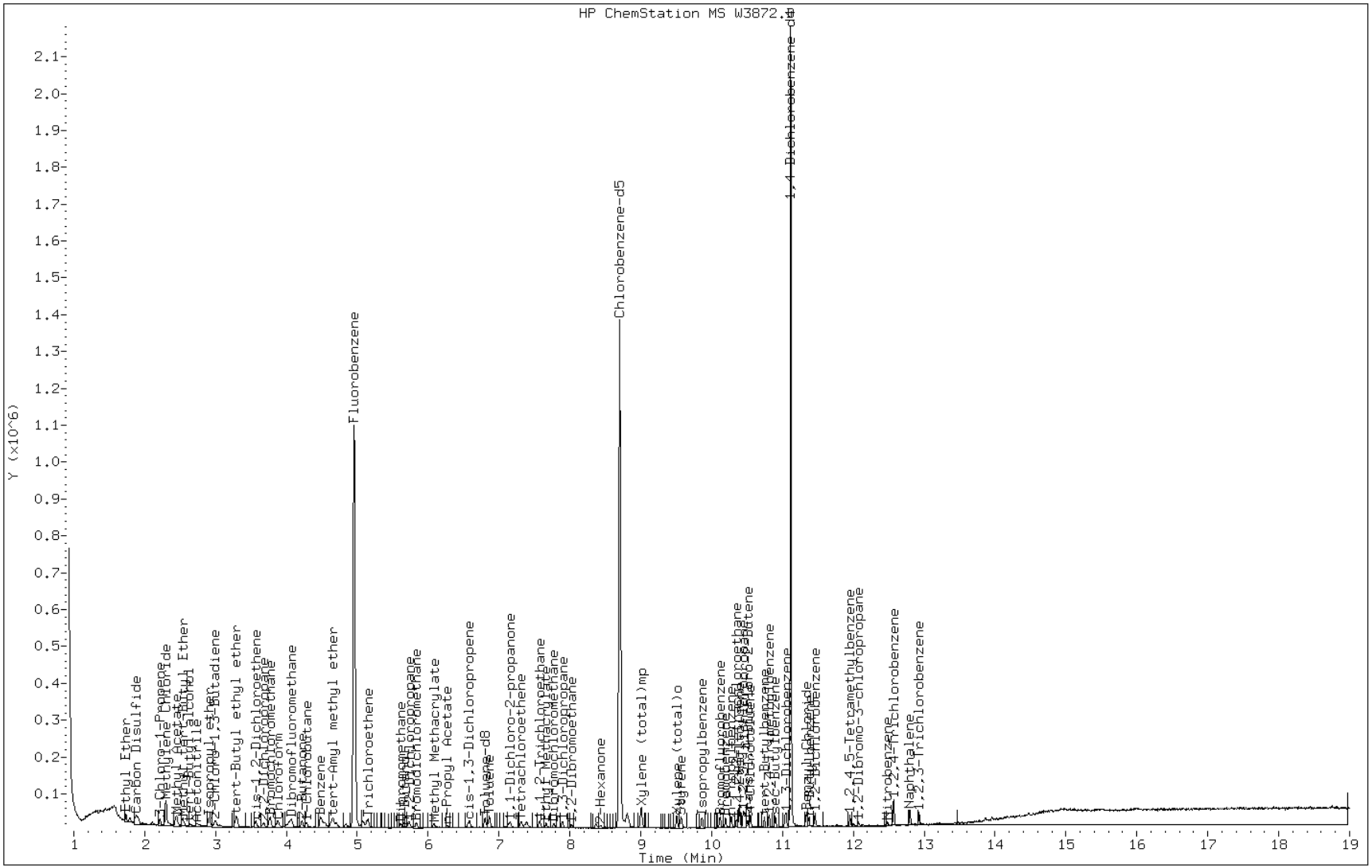
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: W3872.D

Date: 20-MAR-2009 20:10

Client ID: IC;0.5 Instrument: msw.i

Sample Info: IC;0.5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 40 Methyl Acrylate
CAS #: 96-33-3
Report Date: 03/23/2009

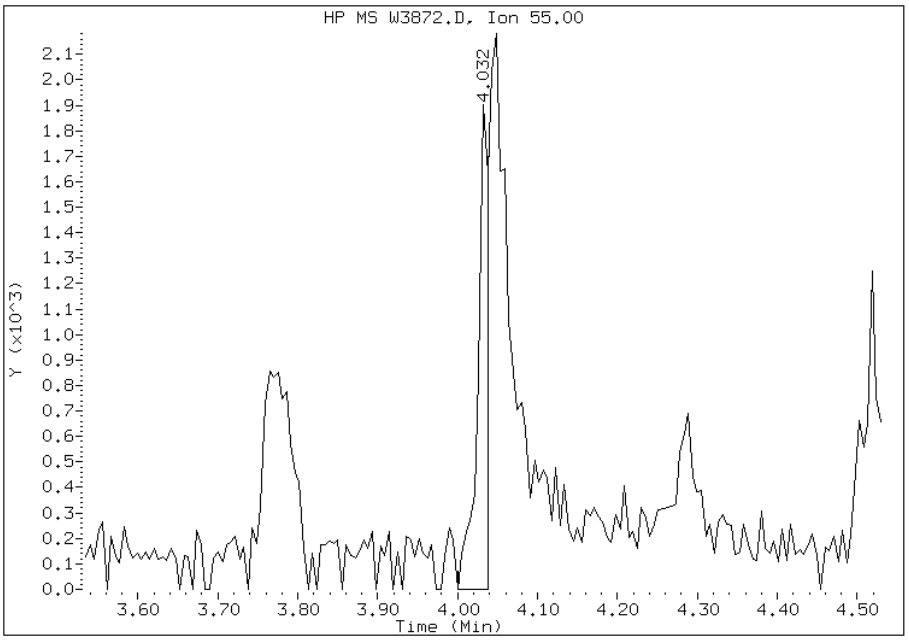
Processing Integration Results

RT: 4.03

Response: 1726

Amount: 0

Conc: 0



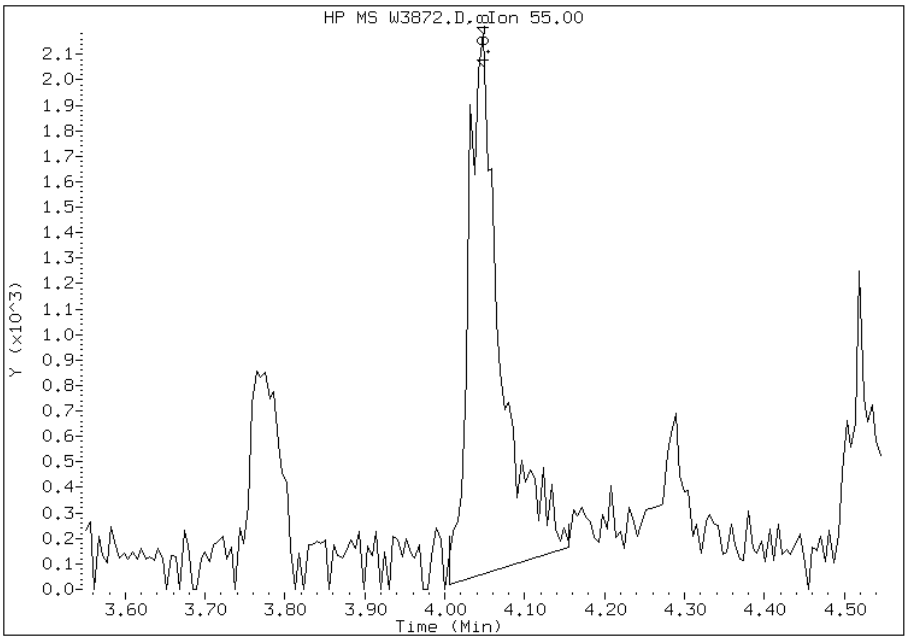
Manual Integration Results

RT: 4.05

Response: 5976

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/23/2009

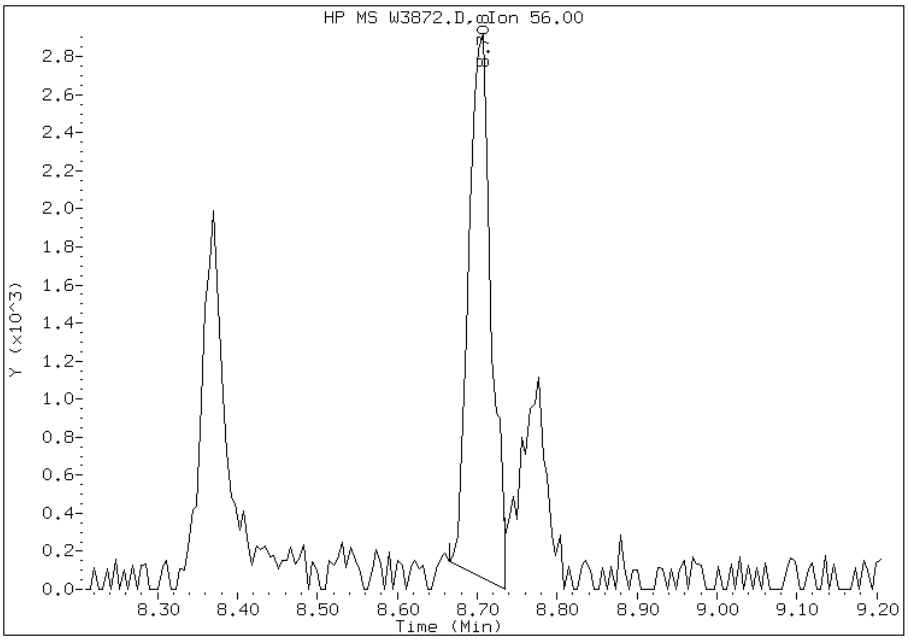
Processing Integration Results

RT: 8.71

Response: 5572

Amount: 1

Conc: 1



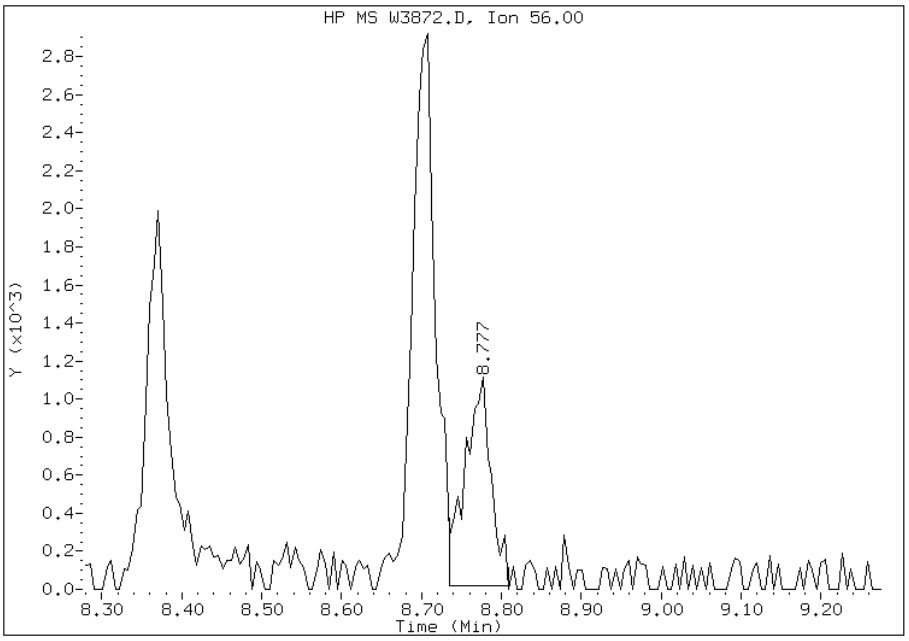
Manual Integration Results

RT: 8.78

Response: 2510

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

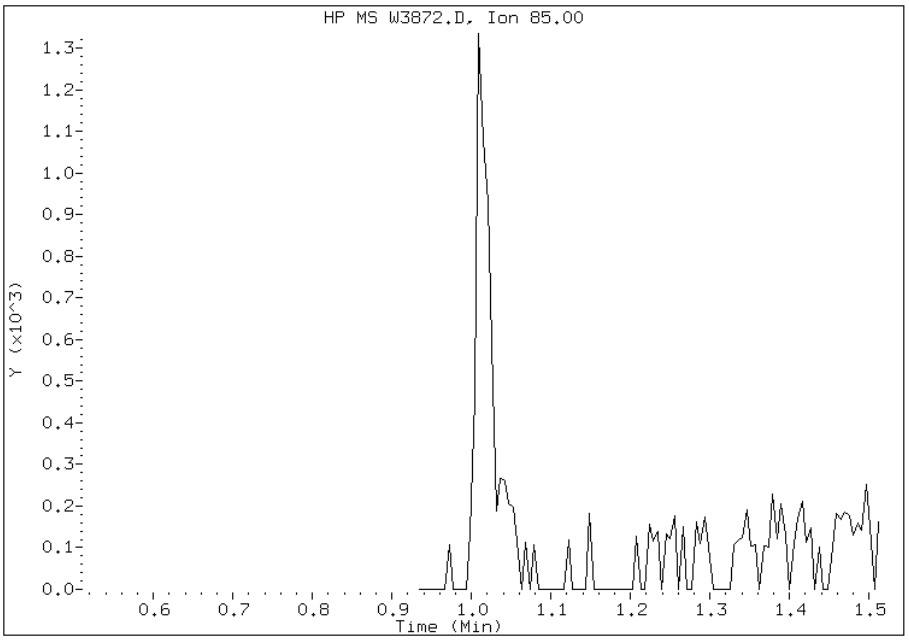
Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 03/23/2009

Processing Integration Results

Not Detected

Expected RT: 1.01



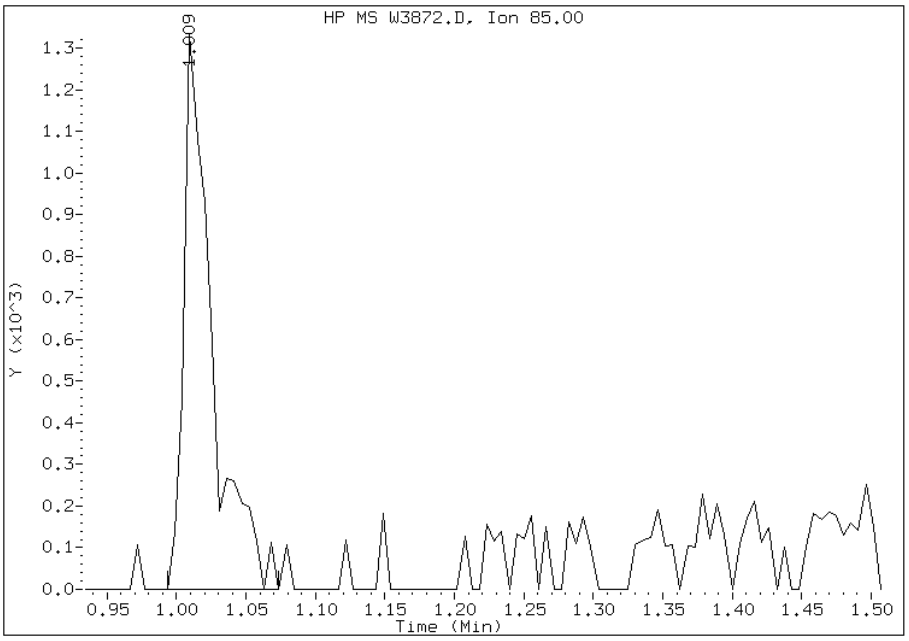
Manual Integration Results

RT: 1.01

Response: 1886

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 03/23/2009

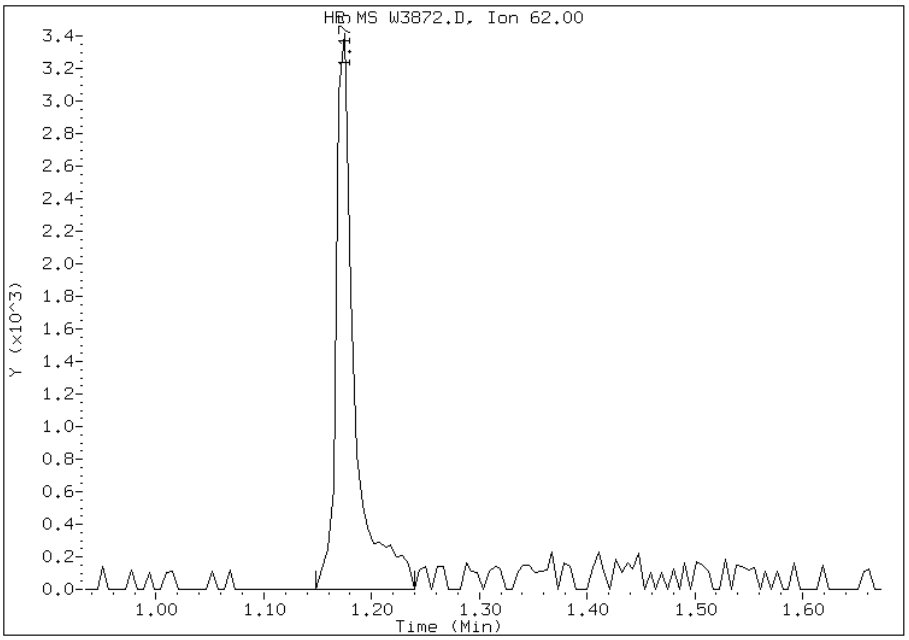
Processing Integration Results

RT: 1.18

Response: 4070

Amount: 0

Conc: 0



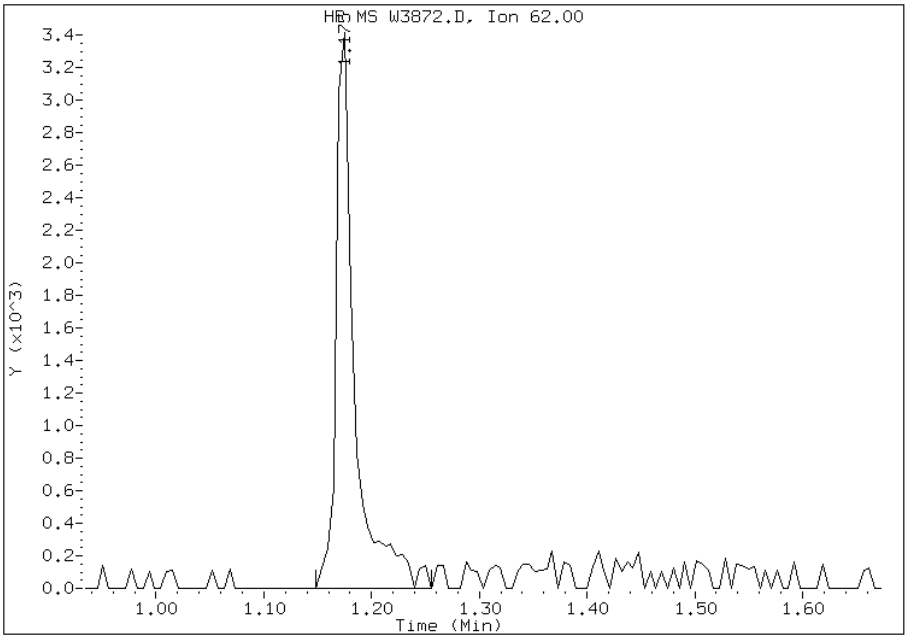
Manual Integration Results

RT: 1.18

Response: 4152

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

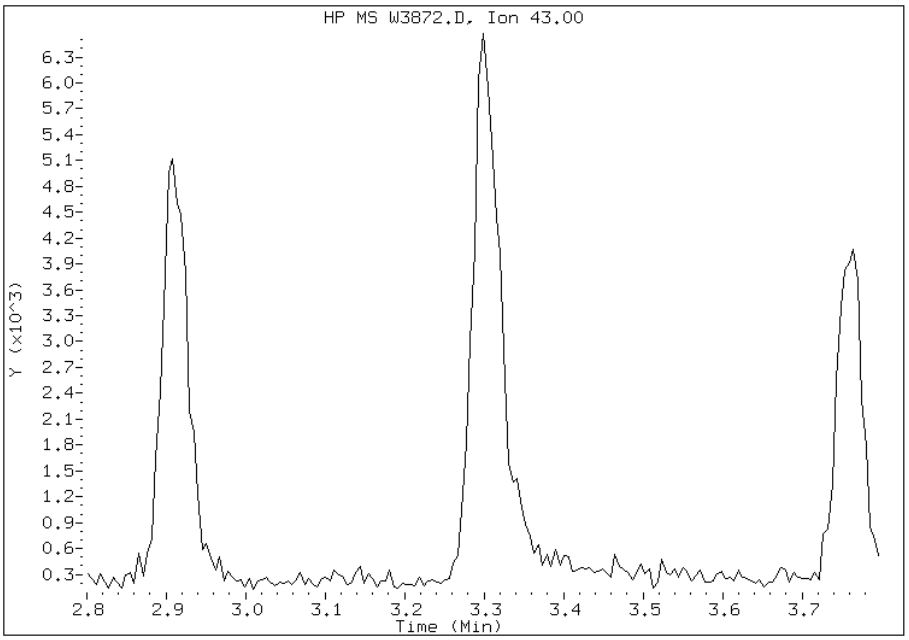
Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 32 Vinyl Acetate
CAS #: 108-05-4
Report Date: 03/23/2009

Processing Integration Results

Not Detected

Expected RT: 3.30



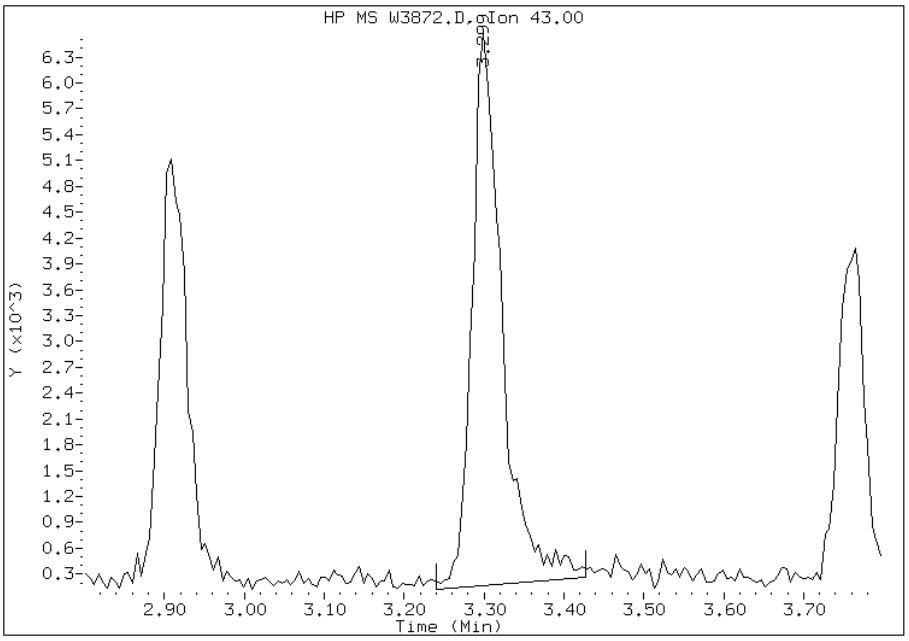
Manual Integration Results

RT: 3.30

Response: 16918

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

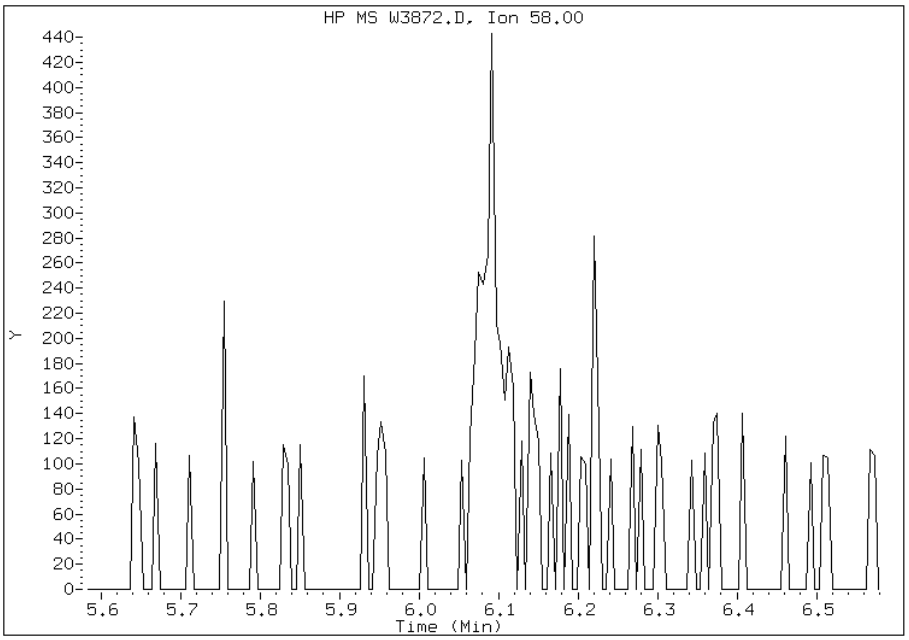
Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/23/2009

Processing Integration Results

Not Detected

Expected RT: 6.08



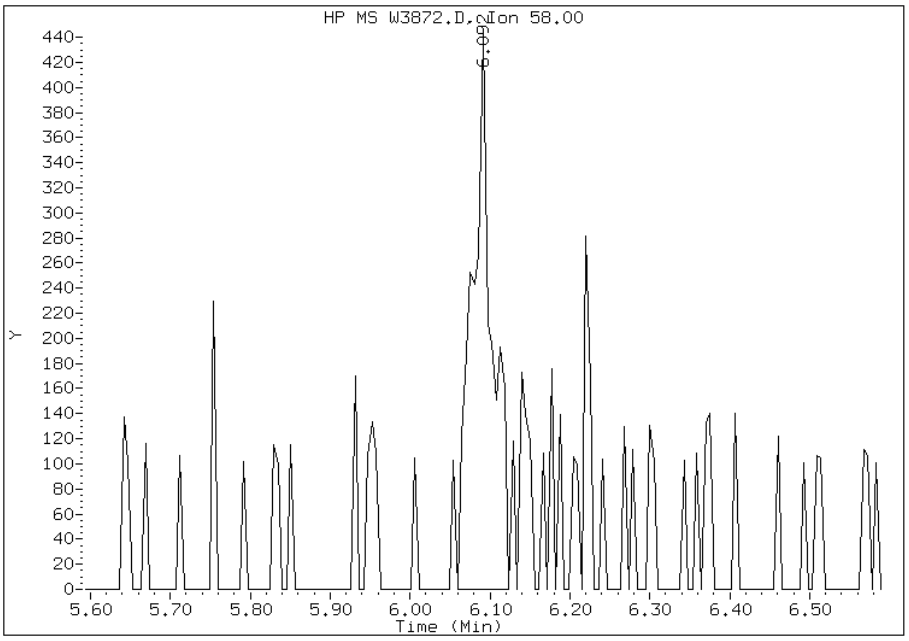
Manual Integration Results

RT: 6.09

Response: 778

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/23/2009

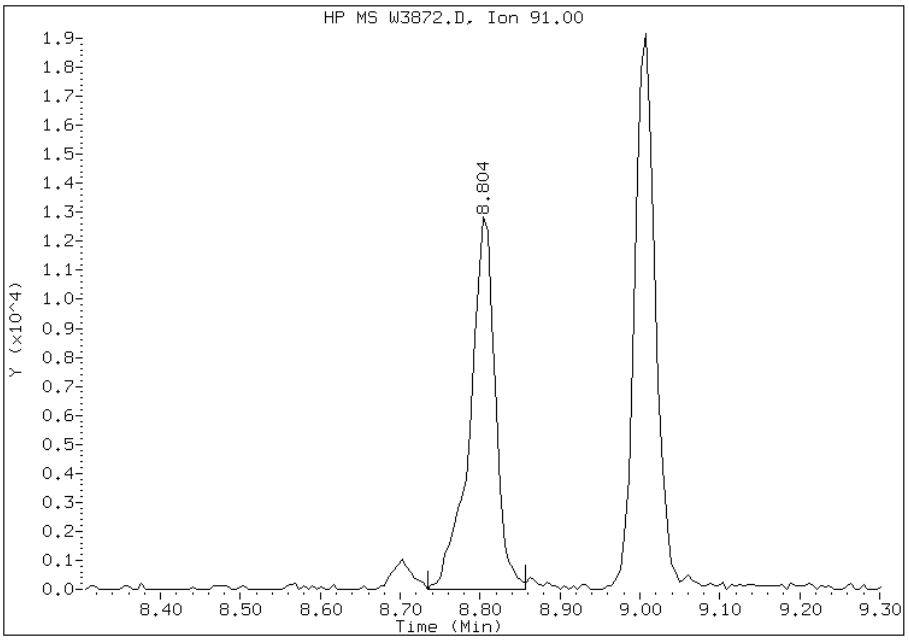
Processing Integration Results

RT: 8.80

Response: 28315

Amount: 0

Conc: 0



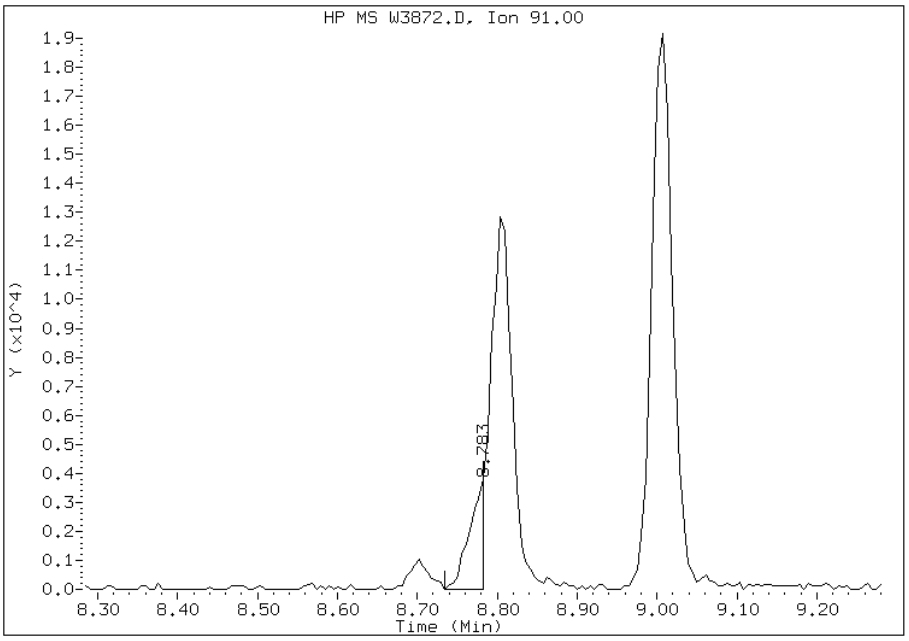
Manual Integration Results

RT: 8.78

Response: 4919

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

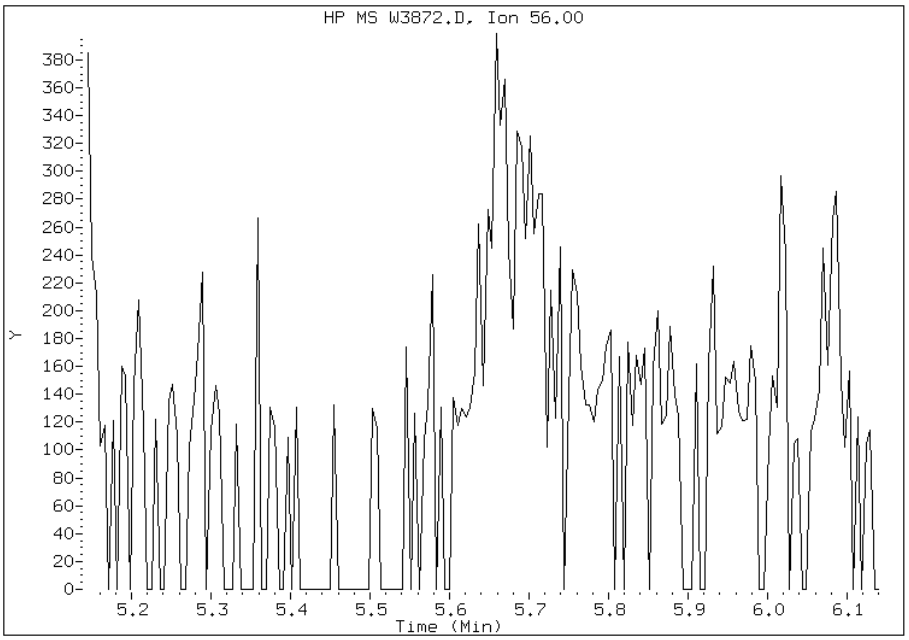
Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 62 n-Butanol
CAS #: 71-36-3
Report Date: 03/23/2009

Processing Integration Results

Not Detected

Expected RT: 5.64



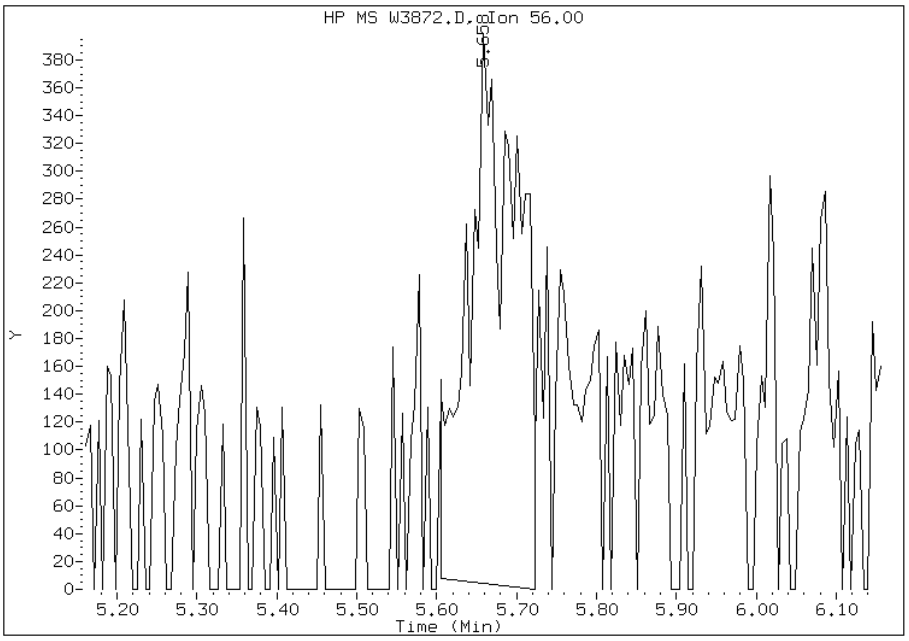
Manual Integration Results

RT: 5.66

Response: 1704

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/23/2009

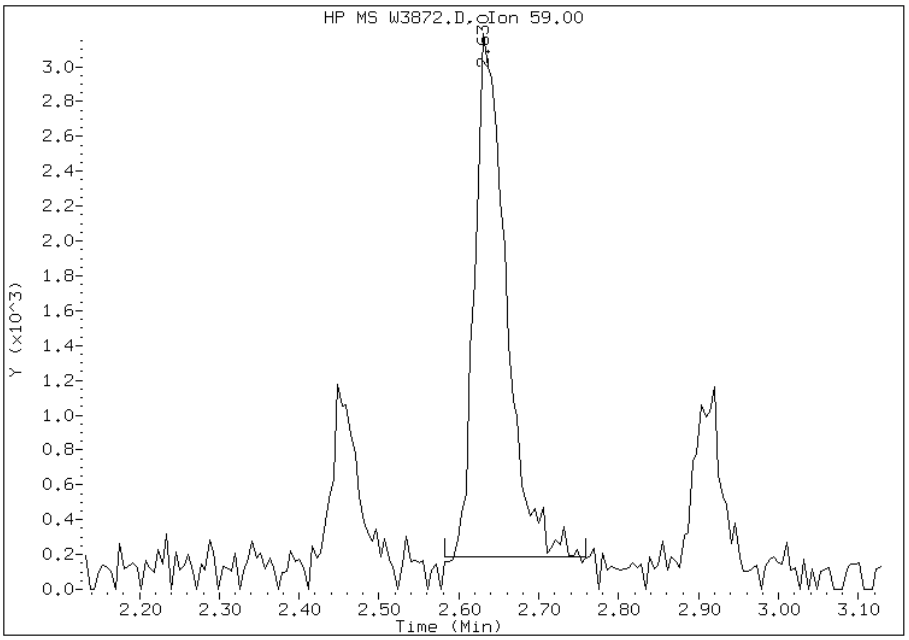
Processing Integration Results

RT: 2.63

Response: 8185

Amount: 0

Conc: 0



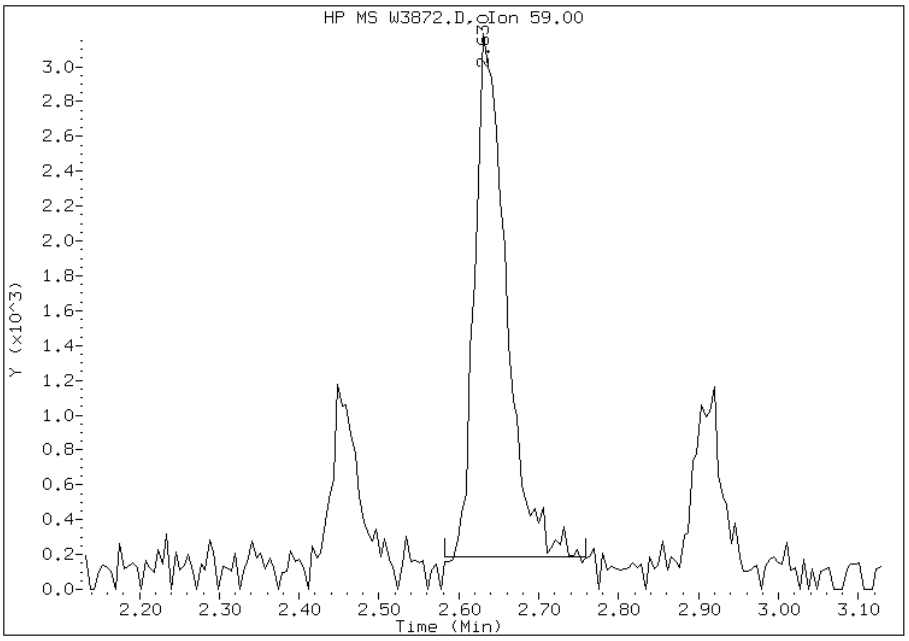
Manual Integration Results

RT: 2.63

Response: 8185

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 48 tert-Butyl formate
CAS #: 762-75-4
Report Date: 03/23/2009

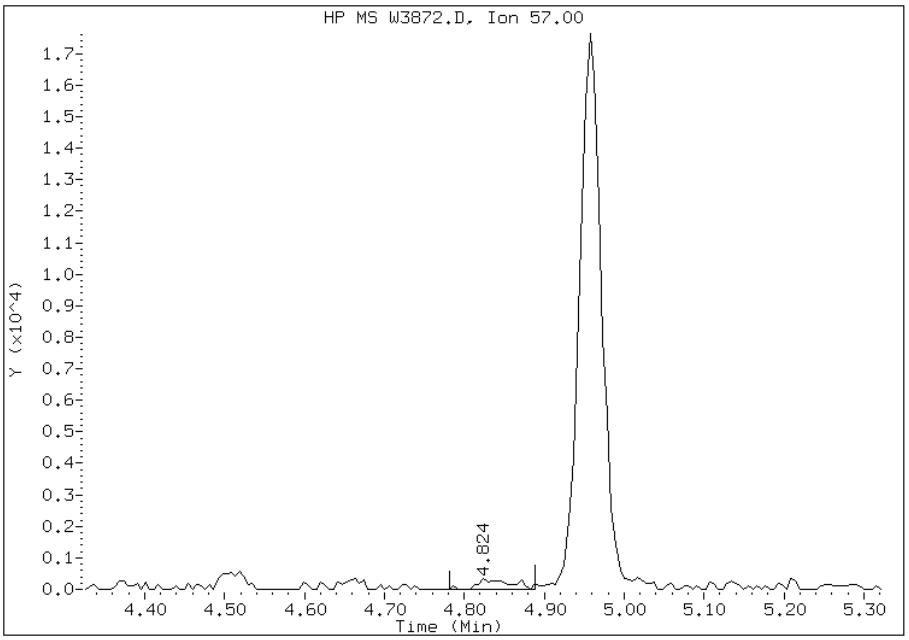
Processing Integration Results

RT: 4.82

Response: 983

Amount: 0

Conc: 0



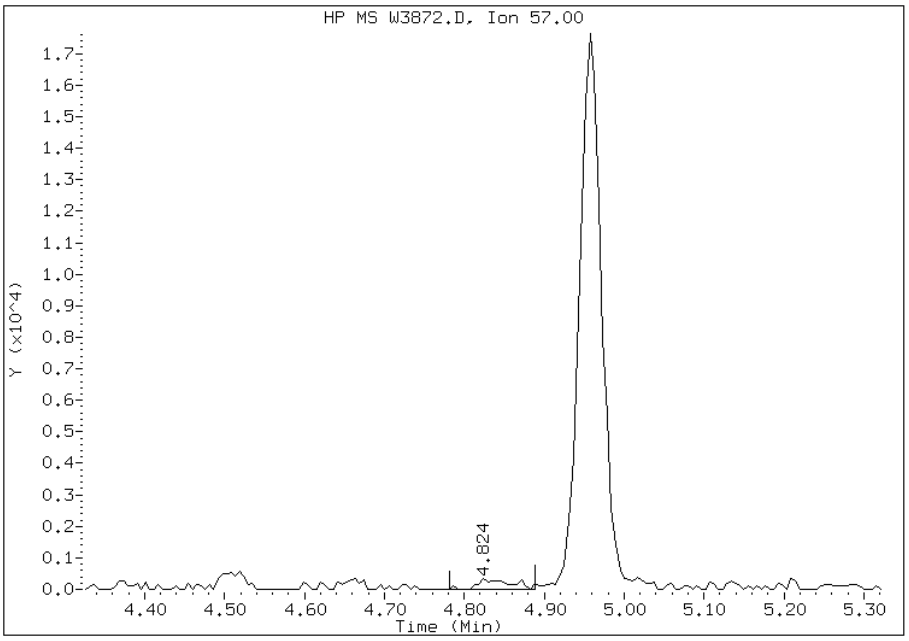
Manual Integration Results

RT: 4.82

Response: 983

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 03/23/2009

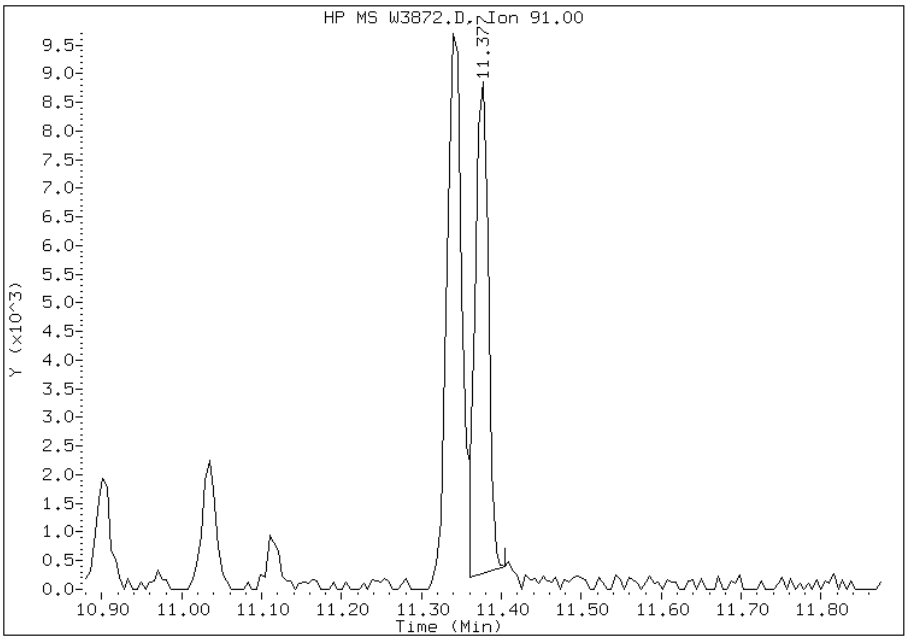
Processing Integration Results

RT: 11.38

Response: 9908

Amount: 0

Conc: 0



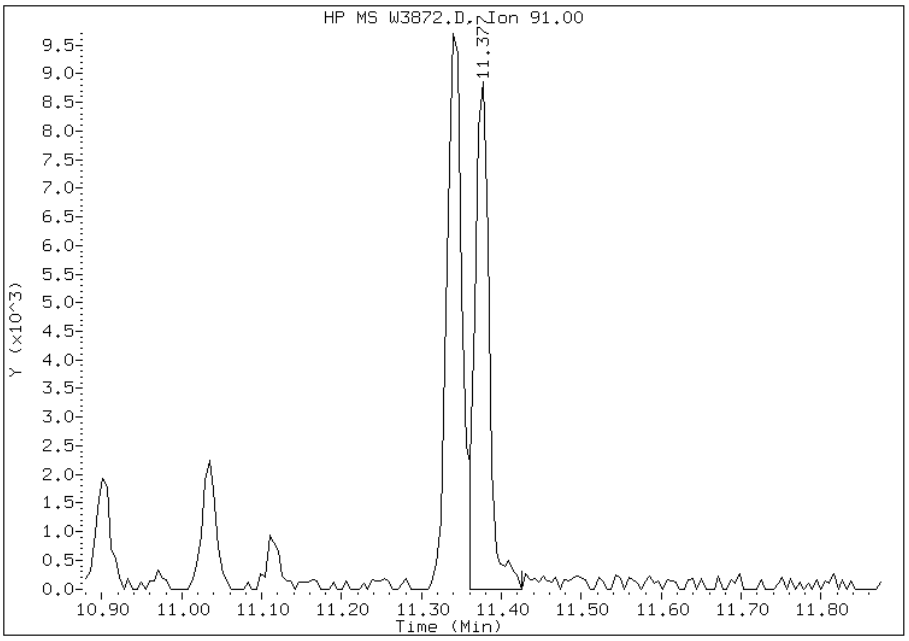
Manual Integration Results

RT: 11.38

Response: 11157

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 104 4-Chlorotoluene
CAS #: 106-43-4
Report Date: 03/23/2009

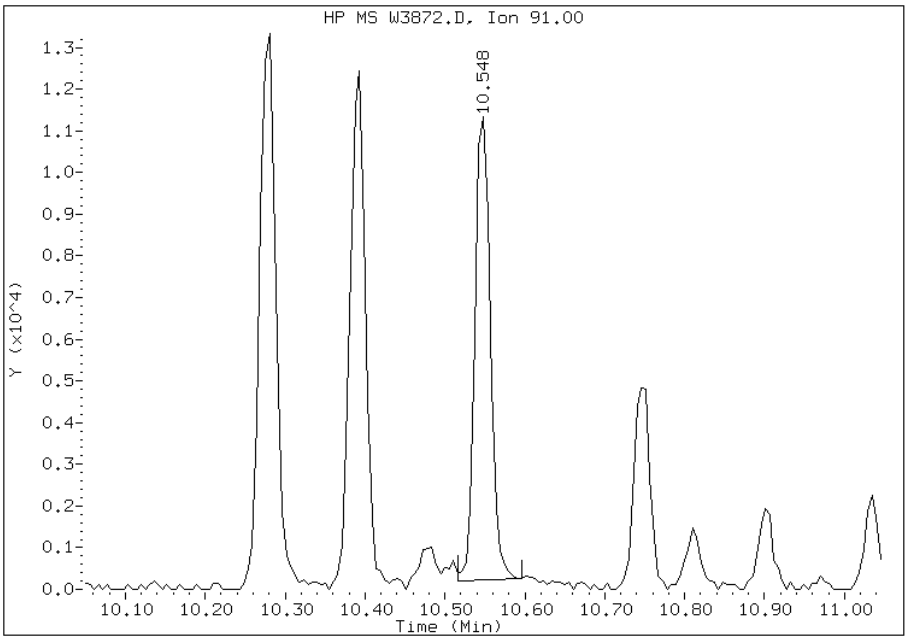
Processing Integration Results

RT: 10.55

Response: 14904

Amount: 0

Conc: 0



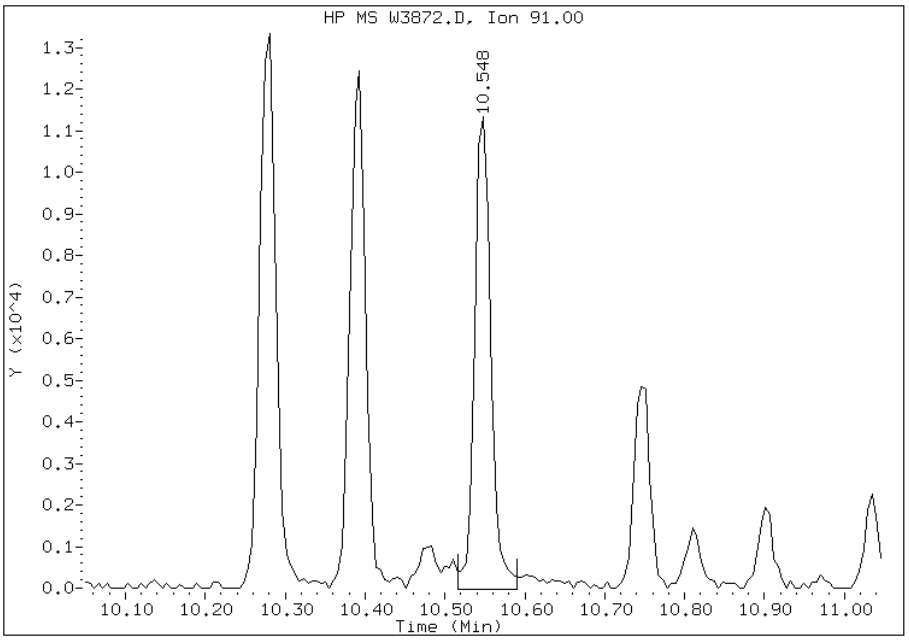
Manual Integration Results

RT: 10.55

Response: 16113

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 86 2-Hexanone
CAS #: 591-78-6
Report Date: 03/23/2009

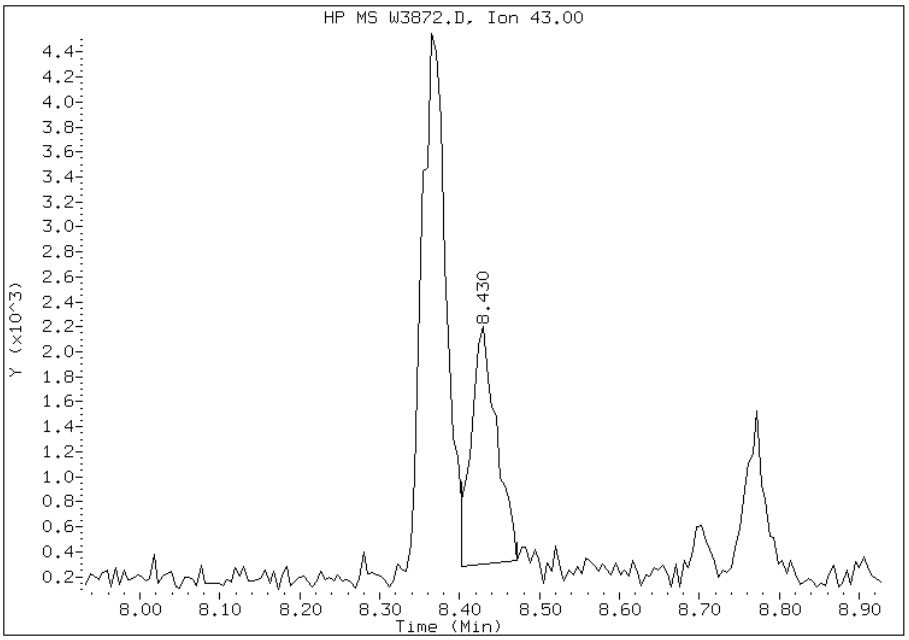
Processing Integration Results

RT: 8.43

Response: 4207

Amount: 0

Conc: 0



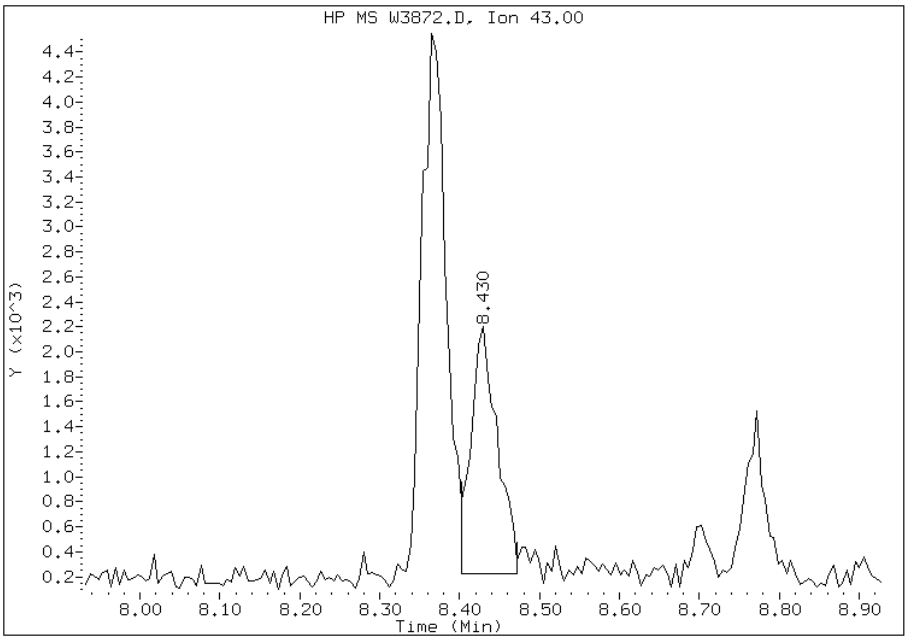
Manual Integration Results

RT: 8.43

Response: 4568

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

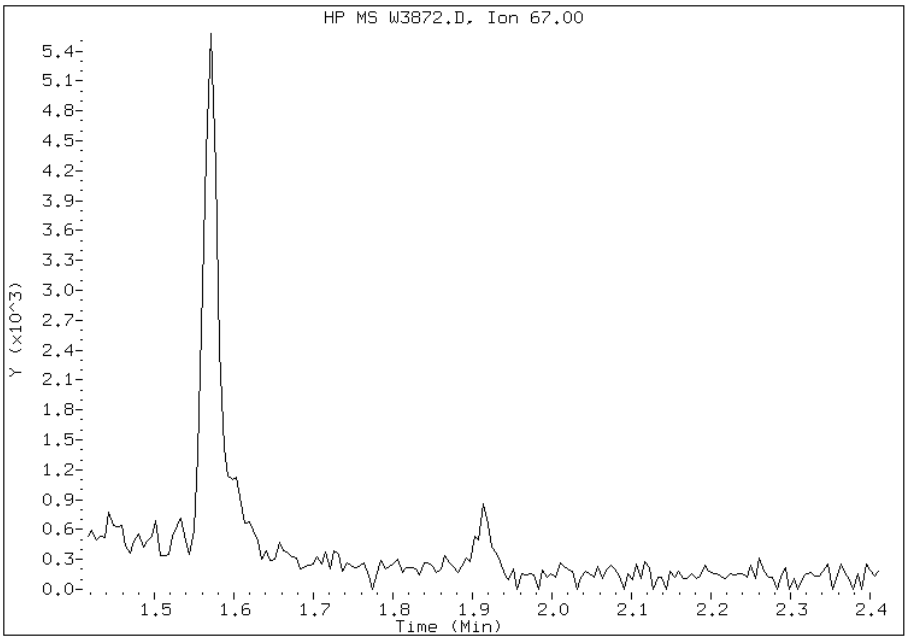
Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 12 Freon 123
CAS #: 306-83-2
Report Date: 03/23/2009

Processing Integration Results

Not Detected

Expected RT: 1.91



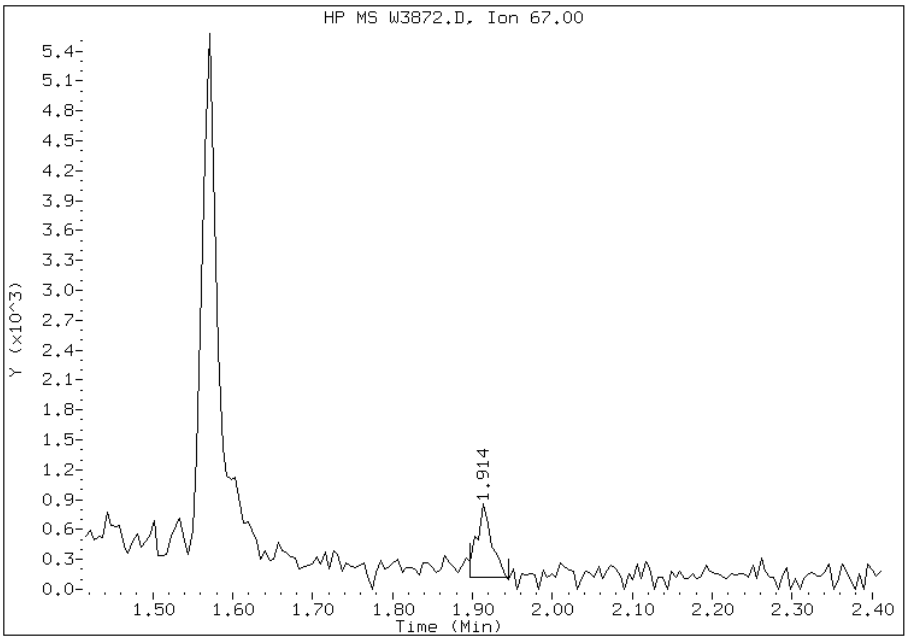
Manual Integration Results

RT: 1.91

Response: 950

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/23/2009

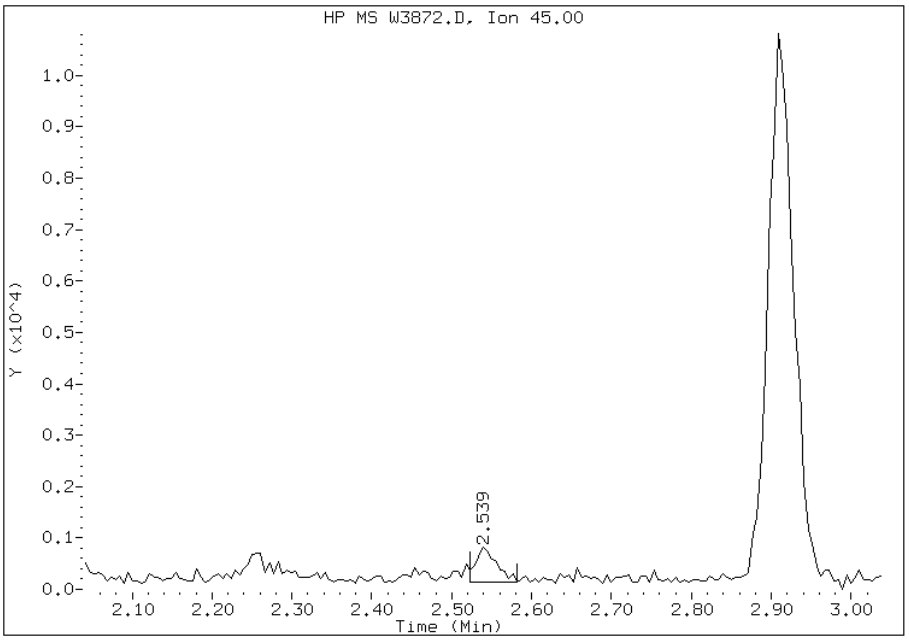
Processing Integration Results

RT: 2.54

Response: 1280

Amount: 0

Conc: 0



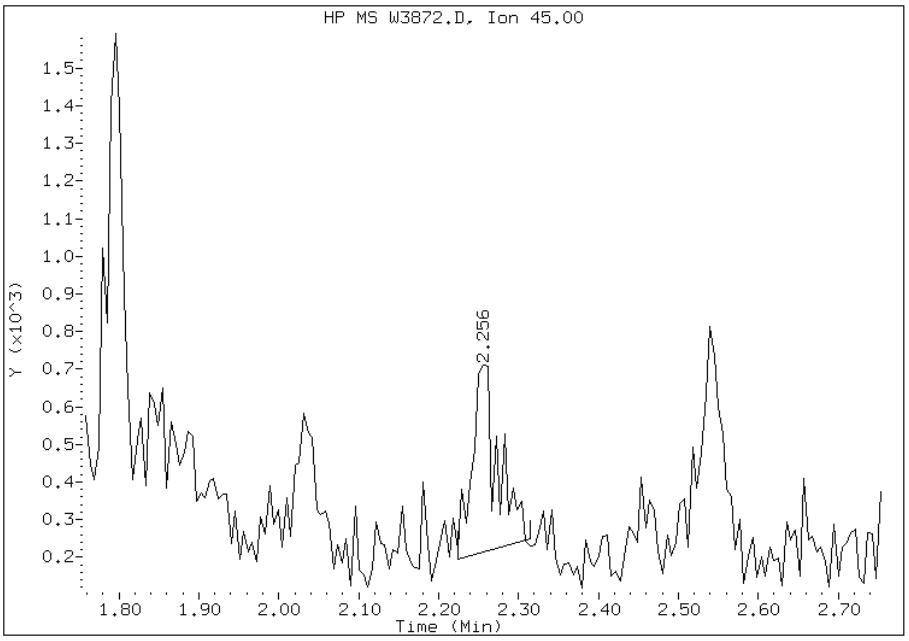
Manual Integration Results

RT: 2.26

Response: 1096

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

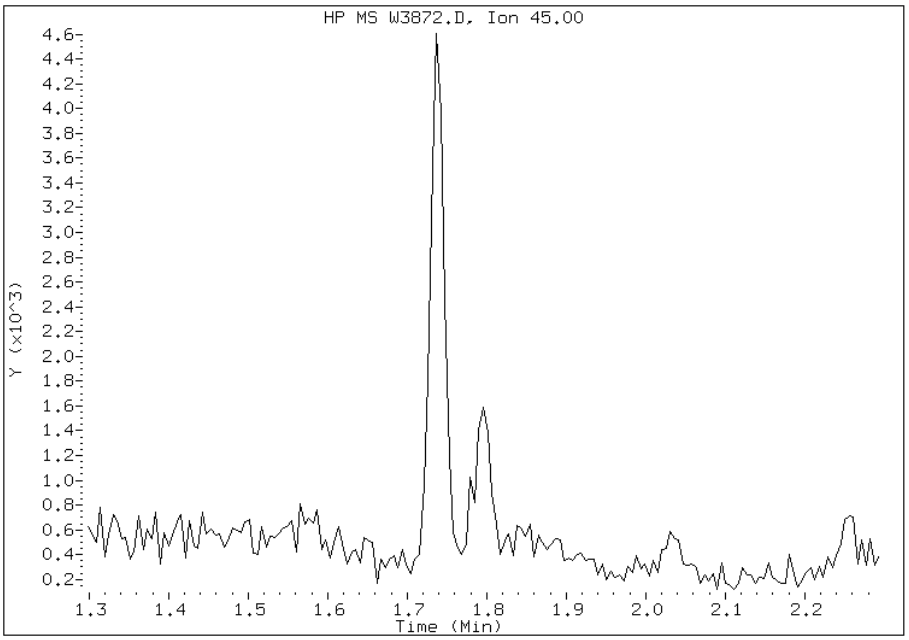
Manual Integration Report

Data File: W3872.D
Inj. Date and Time: 20-MAR-2009 20:10
Instrument ID: msw.i
Client ID: IC;0.5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 03/23/2009

Processing Integration Results

Not Detected

Expected RT: 1.80



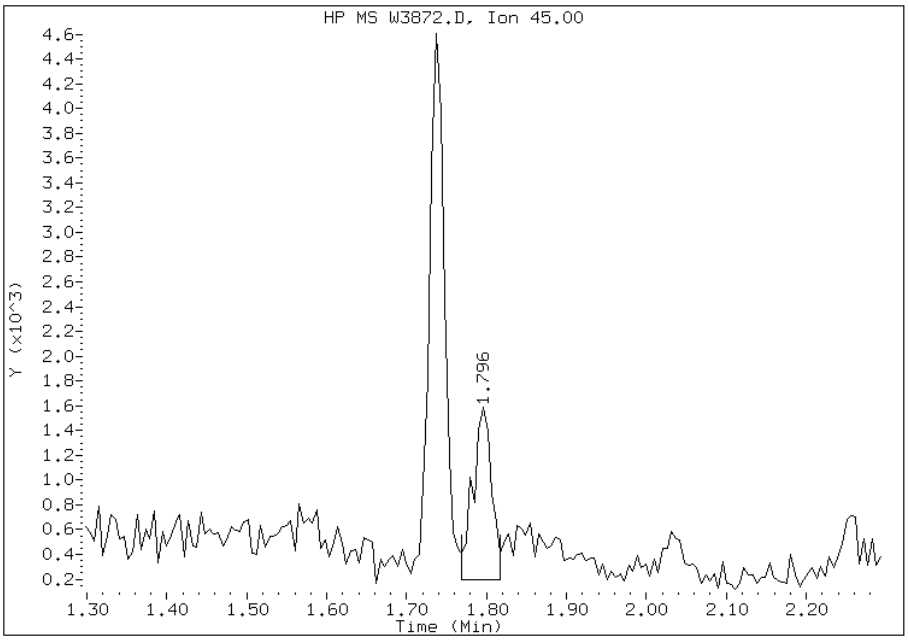
Manual Integration Results

RT: 1.80

Response: 2295

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W3873.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 20-MAR-2009 20:36 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;2
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W8260LOW.M
Meth Date : 21-Mar-2009 14:57 msw.i Quant Type: ISTD
Cal Date : 20-MAR-2009 20:10 Cal File: W3872.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	945422	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.204)	19888	2.00000	6(M)
3	Chloromethane	50	1.137	1.137	(0.230)	28704	2.00000	3
4	Vinyl Chloride	62	1.175	1.175	(0.237)	24340	2.00000	3(M)
5	Bromomethane	94	1.368	1.368	(0.276)	12864	2.00000	2
6	Chloroethane	64	1.448	1.448	(0.292)	14042	2.00000	2
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	32382	2.00000	4
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	39736	2.00000	3
9	Ethyl Ether	45	1.737	1.737	(0.350)	22698	2.00000	2
10	Ethanol	45	1.795	1.795	(0.362)	10793	20.0000	27
11	Freon 141	81	1.795	1.795	(0.362)	41943	2.00000	4
12	Freon 123	67	1.913	1.913	(0.386)	6082	2.00000	4
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	20723	2.00000	5
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	22525	2.00000	3
15	Carbon Disulfide	76	1.886	1.886	(0.381)	84292	2.00000	3
16	Iodomethane	142	1.967	1.967	(0.397)	17482	2.00000	3
17	Acrolein	56	2.111	2.111	(0.426)	24675	10.0000	10
18	2-Propanol	45	2.261	2.261	(0.456)	2602	2.00000	1(M)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.448)	51125	2.00000	3
20	Methylene Chloride	84	2.304	2.304	(0.465)	55989	2.00000	0.0
21	Acetone	43	2.347	2.347	(0.473)	17462	2.00000	0.0
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	28394	2.00000	3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.453	2.453	(0.495)	110927	2.00000	2
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	99342	2.00000	2
	25 tert-Butyl alcohol	59	2.641	2.641	(0.533)	23330	10.0000	8(M)
	26 Acetonitrile	41	2.748	2.748	(0.554)	60678	20.0000	23
	27 Isopropyl ether	45	2.914	2.914	(0.588)	107864	2.00000	3
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	98968	2.00000	2
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.603)	19759	2.00000	3
	30 Acrylonitrile	53	3.058	3.058	(0.617)	26054	4.00000	6
	31 1,1-Dichloroethane	63	3.005	3.005	(0.606)	52984	2.00000	2
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	80927	2.00000	3
	33 cis-1,2-Dichloroethene	96	3.572	3.572	(0.721)	31810	2.00000	2
	34 2,2-Dichloropropane	77	3.684	3.684	(0.743)	39463	2.00000	3
	35 Bromochloromethane	128	3.775	3.775	(0.762)	17381	2.00000	2
	36 1-Bromopropane	43	3.759	3.759	(0.758)	47762	2.00000	3
	37 Cyclohexane	84	3.770	3.770	(0.760)	28226	2.00000	4
	38 Chloroform	83	3.877	3.877	(0.782)	52686	2.00000	2
	39 Ethyl Acetate	43	4.048	4.048	(0.817)	33800	4.00000	5
	40 Methyl Acrylate	55	4.042	4.042	(0.815)	29188	2.00000	3
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	23585	2.00000	2
	42 Tetrahydrofuran	42	4.037	4.037	(0.814)	30358	4.00000	5
	43 Carbon Tetrachloride	117	4.005	4.005	(0.808)	32884	2.00000	3
	44 1,1,1-Trichloroethane	97	4.074	4.074	(0.822)	39403	2.00000	3
	45 2-Butanone	43	4.219	4.219	(0.851)	15607	2.00000	0.0
	46 1,1-Dichloropropene	75	4.214	4.214	(0.850)	35216	2.00000	3
	47 tert-Amyl methyl ether	73	4.663	4.663	(0.941)	89608	2.00000	2
	48 tert-Butyl formate	57	4.839	4.839	(0.976)	2923	2.00000	2
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	53707	2.00000	3
	50 Heptane	43	4.508	4.508	(0.909)	18476	2.00000	3
	51 Propionitrile	54	4.518	4.518	(0.912)	56075	20.0000	28
	52 Benzene	78	4.486	4.486	(0.905)	119388	2.00000	3
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.917)	26078	2.00000	3(M)
	54 Isobutyl alcohol	42	4.663	4.663	(0.941)	5483	20.0000	23
$	55 1,2-Dichloroethane-d4	65	4.636	4.636	(0.935)	29153	2.00000	2
	56 1,2-Dichloroethane	62	4.706	4.706	(0.949)	42353	2.00000	2
	59 Methyl Cyclohexane	83	5.134	5.134	(1.036)	25545	2.00000	4
	60 Trichloroethene	130	5.150	5.150	(1.039)	30243	2.00000	3
	61 Isopropyl Acetate	43	5.080	5.080	(1.025)	89028	4.00000	5
	62 n-Butanol	56	5.658	5.658	(1.141)	5104	20.0000	17
	63 Dibromomethane	93	5.610	5.610	(1.132)	19139	2.00000	2
	64 1,2-Dichloropropane	63	5.728	5.728	(1.155)	31824	2.00000	2(T)
	65 Bromodichloromethane	83	5.829	5.829	(1.176)	35383	2.00000	2
	66 Methyl Methacrylate	69	6.086	6.086	(1.228)	19800	2.00000	2
	67 1,4-Dioxane	58	6.086	6.086	(1.228)	3575	20.0000	26(M)
	68 n-Propyl Acetate	43	6.268	6.268	(1.264)	35167	4.00000	6
	69 2-Chloroethylvinylether	63	6.557	6.557	(1.323)	17813	2.00000	2
	70 cis-1,3-Dichloropropene	75	6.589	6.589	(1.329)	44365	2.00000	2
	71 Chloroacetonitrile	48	7.070	7.070	(1.426)	10713	20.0000	38
	72 2-Nitropropane	41	7.134	7.134	(1.439)	18087	4.00000	5
	73 trans-1,3-Dichloropropene	75	7.397	7.397	(1.492)	39776	2.00000	3
	74 1,1,2-Trichloroethane	97	7.579	7.579	(1.529)	27290	2.00000	2
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	774332	25.0000	
	76 Toluene	91	6.862	6.862	(0.789)	114673	2.00000	2
$	77 Toluene-d8	98	6.803	6.803	(0.782)	82099	2.00000	2
	78 1,1-Dichloro-2-propanone	43	7.151	7.151	(0.822)	84562	10.0000	13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.370	7.370	(0.847)	29706	2.00000	2
80	Tetrachloroethene	164	7.316	7.316	(0.841)	21028	2.00000	3(M)
81	Ethyl Methacrylate	69	7.664	7.664	(0.881)	32214	2.00000	3
82	Dibromochloromethane	129	7.776	7.776	(0.894)	27819	2.00000	2
83	1,3-Dichloropropane	76	7.899	7.899	(0.908)	49885	2.00000	2
84	1,2-Dibromoethane	107	8.023	8.023	(0.922)	28224	2.00000	3
85	n-Butyl Acetate	56	8.771	8.771	(1.008)	10263	2.00000	2(M)
86	2-Hexanone	43	8.424	8.424	(0.968)	21322	2.00000	3
87	1-Chlorohexane	91	8.782	8.782	(1.009)	24211	2.00000	3(M)
88	Chlorobenzene	112	8.723	8.723	(1.002)	78089	2.00000	2
89	1,1,1,2-Tetrachloroethane	131	8.830	8.830	(1.015)	27078	2.00000	2
90	Ethylbenzene	106	8.804	8.804	(1.012)	36715	2.00000	3
91	Xylene (total)mp	106	9.007	9.007	(1.035)	86765	4.00000	5
92	Xylene (total)o	106	9.510	9.510	(1.093)	41518	2.00000	2
93	Styrene	104	9.574	9.574	(1.100)	58116	2.00000	2
94	Bromoform	173	9.558	9.558	(1.098)	18175	2.00000	2
* 95	1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	410298	25.0000	
96	Isopropylbenzene	105	9.868	9.868	(0.888)	85004	2.00000	3
97	Bromobenzene	156	10.195	10.195	(0.917)	30871	2.00000	2
98	1,1,2,2-Tetrachloroethane	83	10.355	10.355	(0.932)	31086	2.00000	2
99	4-Ethyltoluene	105	10.387	10.387	(0.935)	79720	2.00000	3
100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	12024	2.00000	2
101	trans-1,4-Dichloro-2-Butene	53	10.510	10.510	(0.946)	14734	4.00000	5
102	n-Propylbenzene	91	10.280	10.280	(0.925)	89951	2.00000	3
103	2-Chlorotoluene	91	10.392	10.392	(0.935)	75307	2.00000	2
104	4-Chlorotoluene	91	10.548	10.548	(0.949)	69153	2.00000	2
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	66748	2.00000	2
106	tert-Butylbenzene	119	10.746	10.746	(0.967)	52398	2.00000	2
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	69512	2.00000	3
108	sec-Butylbenzene	105	10.901	10.901	(0.981)	69155	2.00000	3
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	57790	2.00000	3
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	47019	2.00000	2
111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	51778	2.00000	2
112	1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	49181	2.00000	2
113	Benzyl Chloride	126	11.339	11.339	(1.020)	11746	2.00000	2
114	1,4-Diethylbenzene	119	11.329	11.329	(1.019)	31764	2.00000	3
115	n-Butylbenzene	91	11.377	11.377	(1.024)	53966	2.00000	3
118	1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	51617	2.00000	3
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	6610	2.00000	2
120	Nitrobenzene	77	12.479	12.479	(1.123)	16572	20.0000	22
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	27960	2.00000	2
122	Hexachlorobutadiene	225	12.570	12.570	(1.131)	13180	2.00000	1
123	Naphthalene	128	12.800	12.800	(1.152)	92130	2.00000	2
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	27238	2.00000	2
$ 125	Bromofluorobenzene	95	10.120	10.120	(0.910)	28235	2.00000	2
M 126	1,2-Dichloroethene (total)	100				60204	4.00000	5
M 127	Xylene (total)	100				128283	6.00000	8

QC Flag Legend

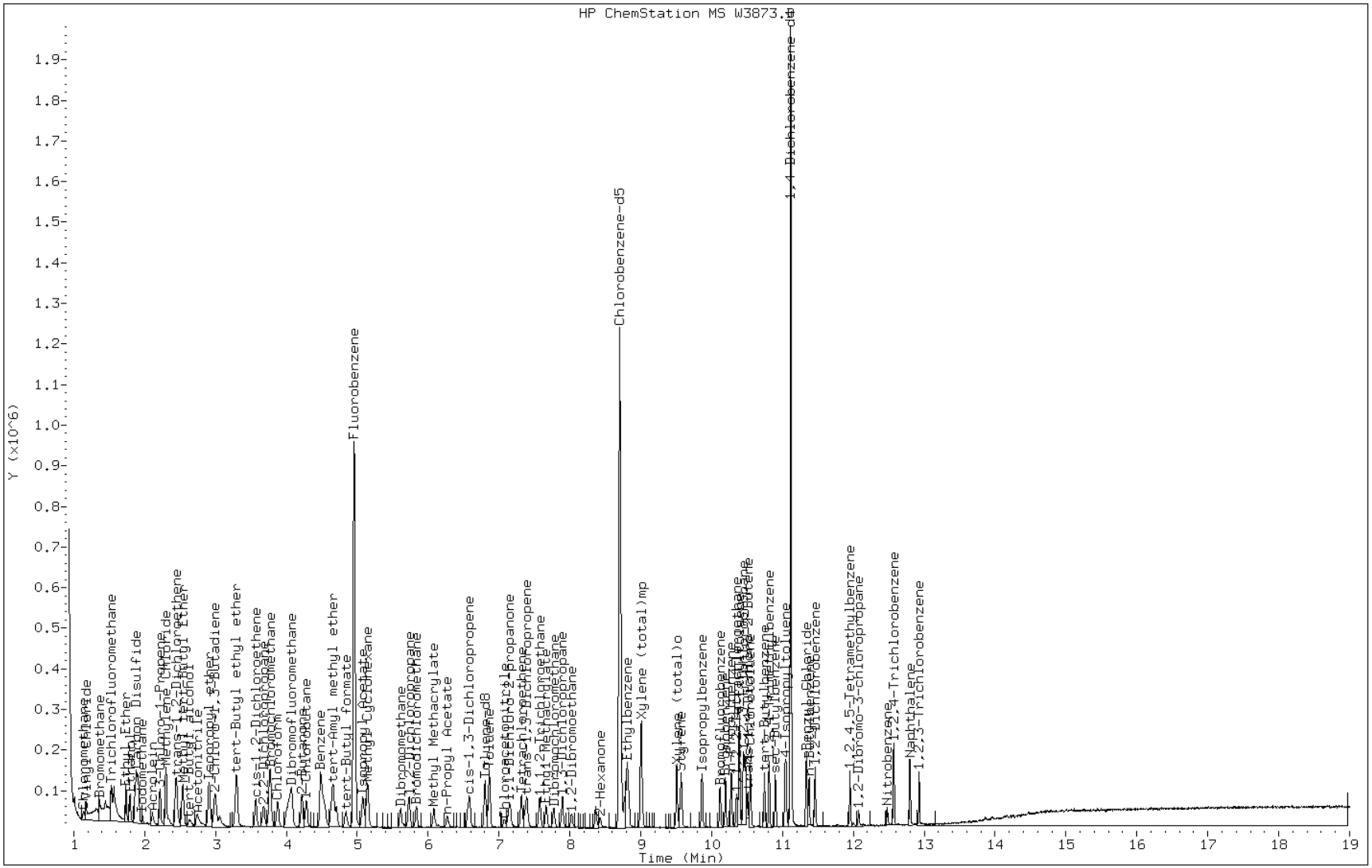
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: W3873.D

Date: 20-MAR-2009 20:36

Client ID: IC;2 Instrument: msw.i

Sample Info: IC;2 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 80 Tetrachloroethene
CAS #: 127-18-4
Report Date: 03/23/2009

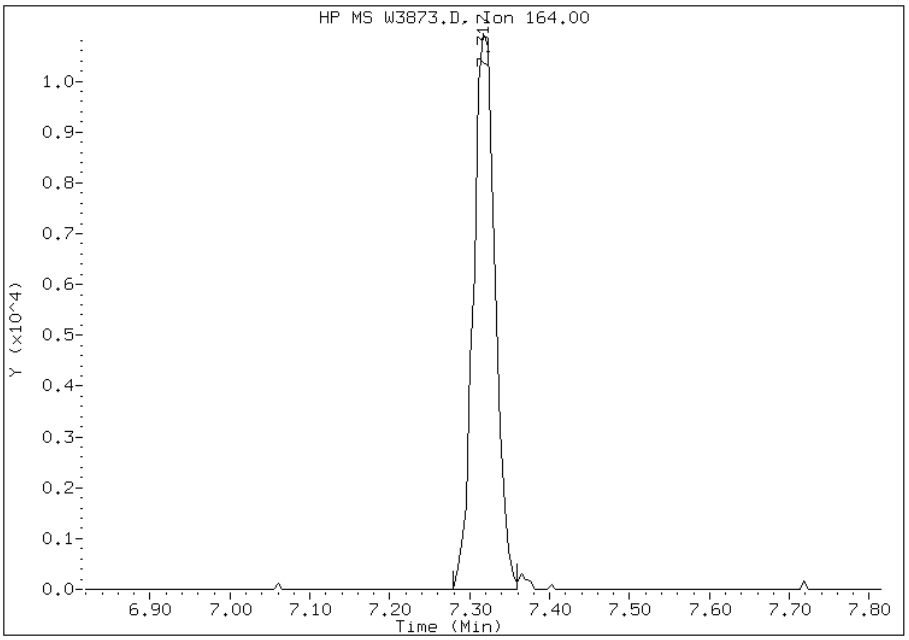
Processing Integration Results

RT: 7.32

Response: 20783

Amount: 2

Conc: 2



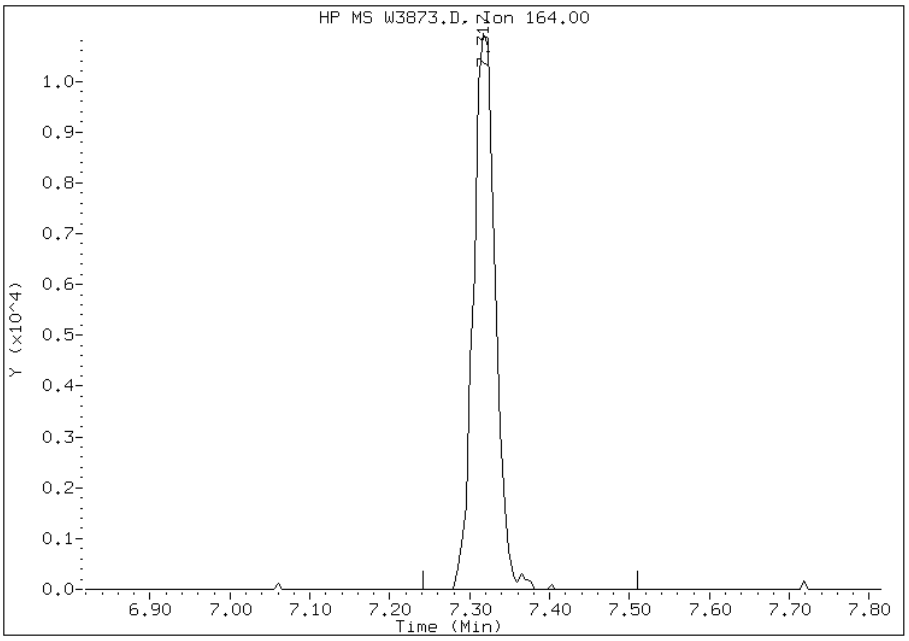
Manual Integration Results

RT: 7.32

Response: 21028

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 03/23/2009

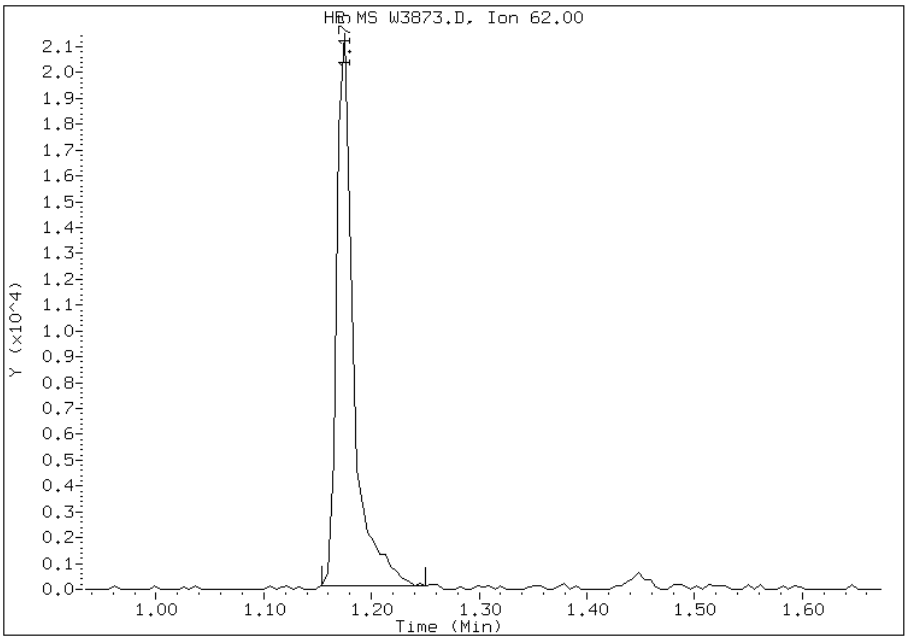
Processing Integration Results

RT: 1.18

Response: 23418

Amount: 2

Conc: 2



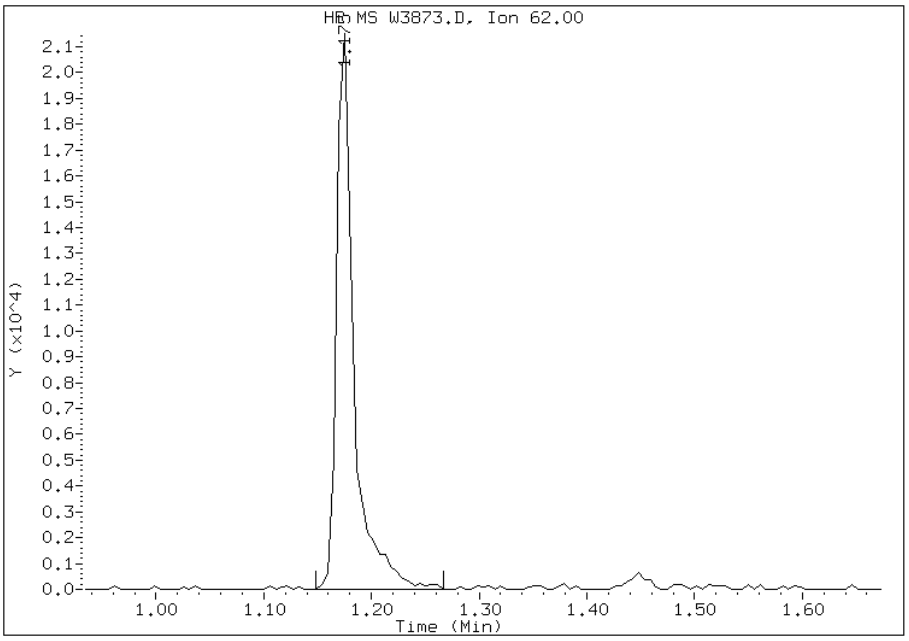
Manual Integration Results

RT: 1.18

Response: 24340

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 03/23/2009

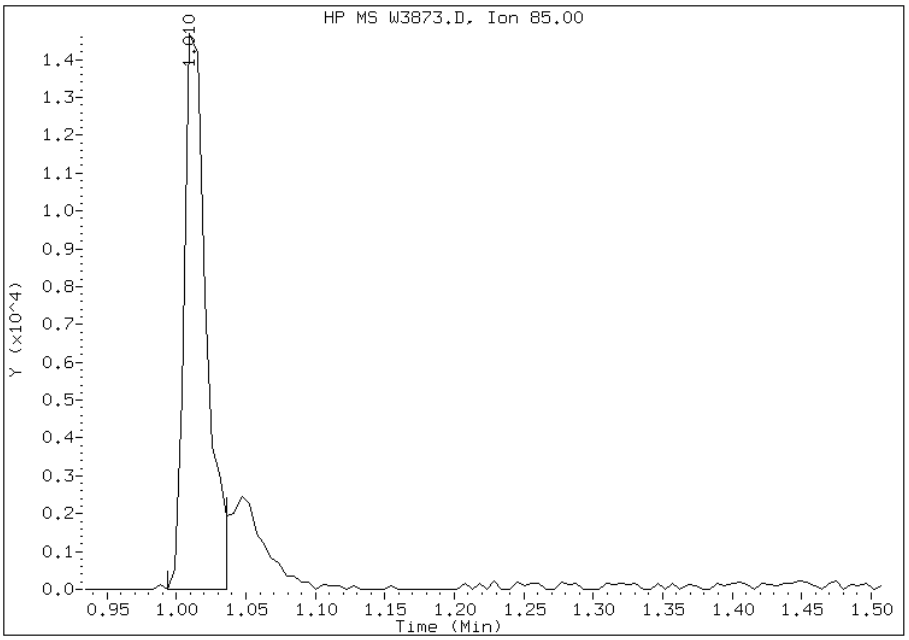
Processing Integration Results

RT: 1.01

Response: 16379

Amount: 2

Conc: 2



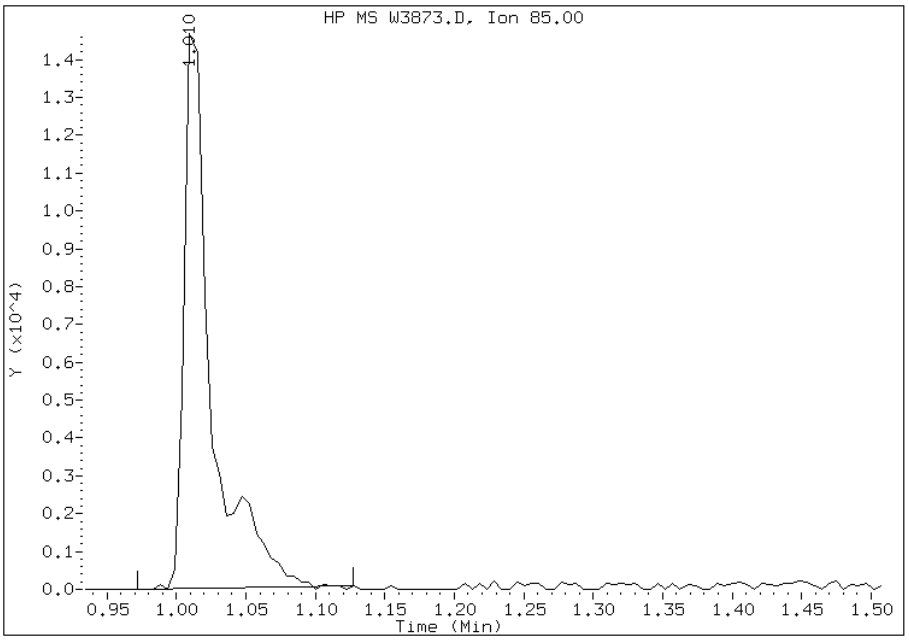
Manual Integration Results

RT: 1.01

Response: 19888

Amount: 6

Conc: 6



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/23/2009

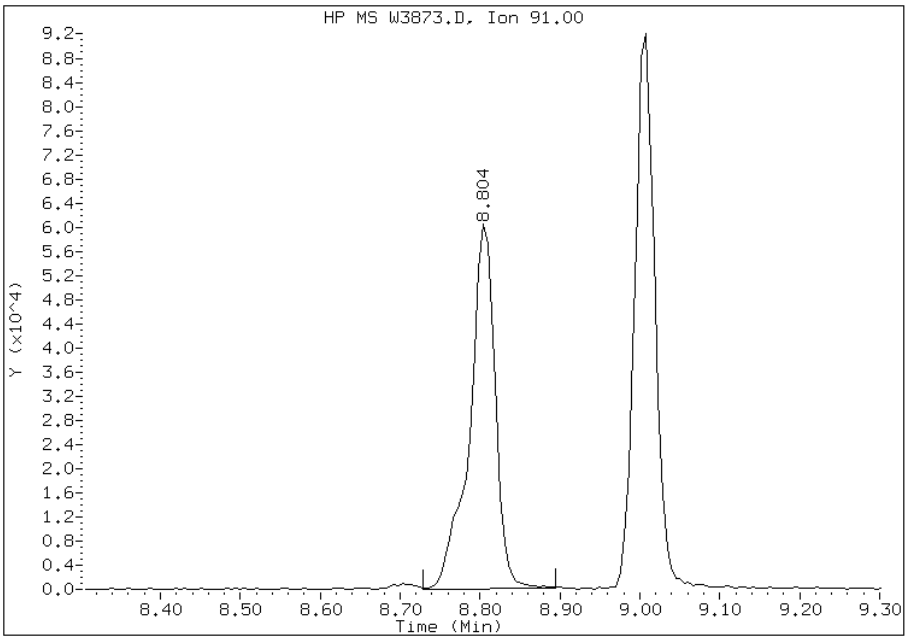
Processing Integration Results

RT: 8.80

Response: 134598

Amount: 3

Conc: 3



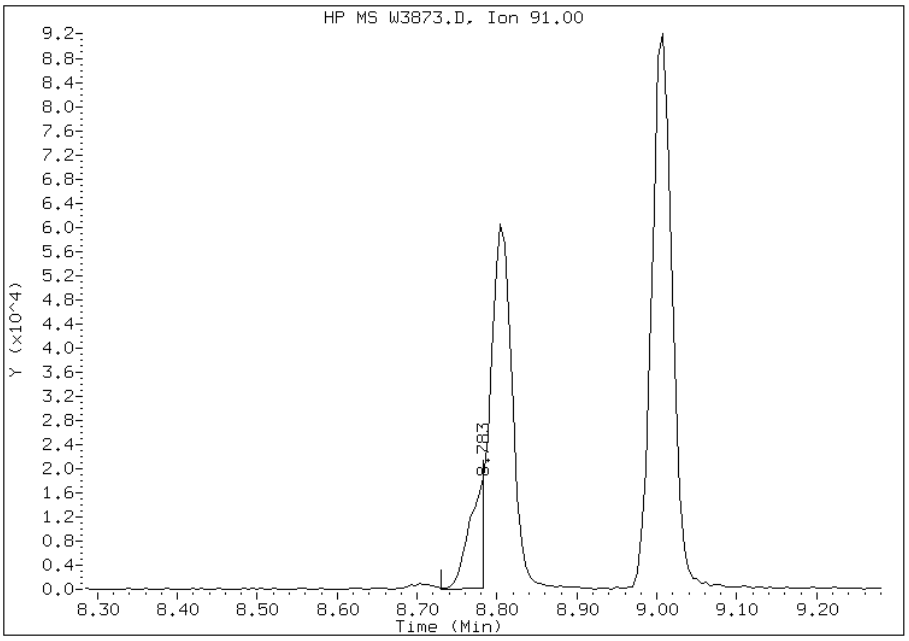
Manual Integration Results

RT: 8.78

Response: 24211

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/23/2009

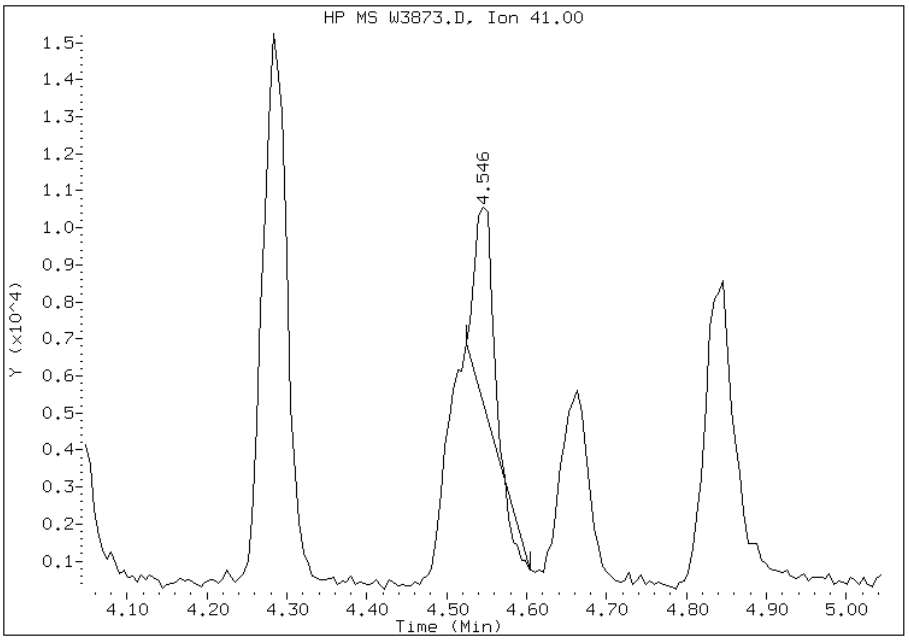
Processing Integration Results

RT: 4.55

Response: 7127

Amount: 1

Conc: 1



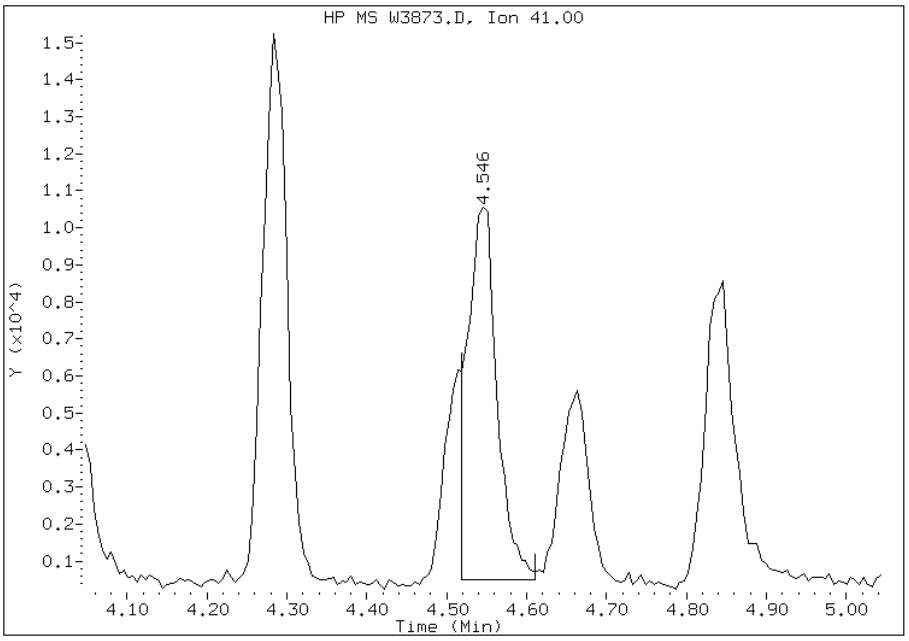
Manual Integration Results

RT: 4.55

Response: 26078

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 03/23/2009

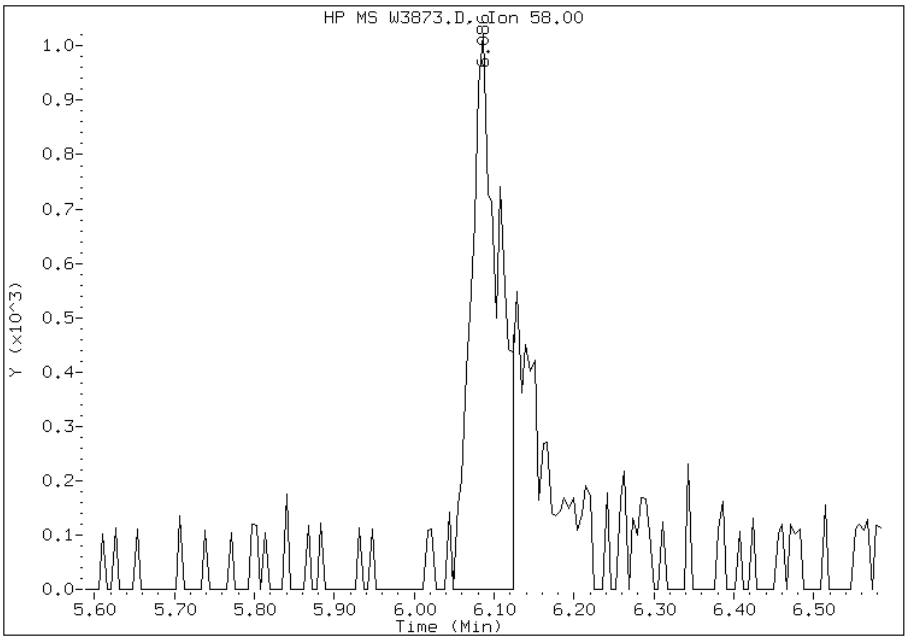
Processing Integration Results

RT: 6.09

Response: 2569

Amount: 17

Conc: 17



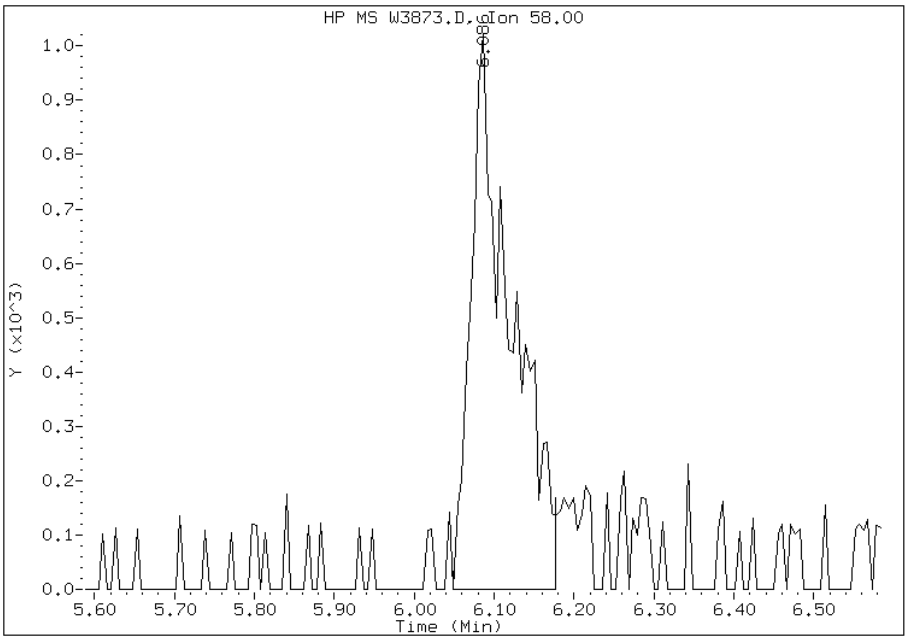
Manual Integration Results

RT: 6.09

Response: 3575

Amount: 26

Conc: 26



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 03/23/2009

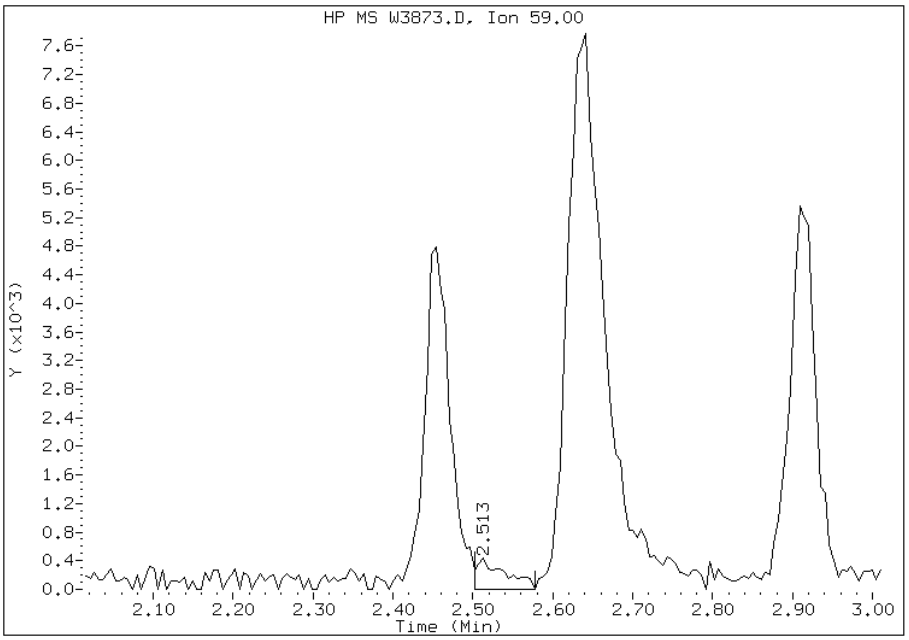
Processing Integration Results

RT: 2.51

Response: 1102

Amount: 1

Conc: 1



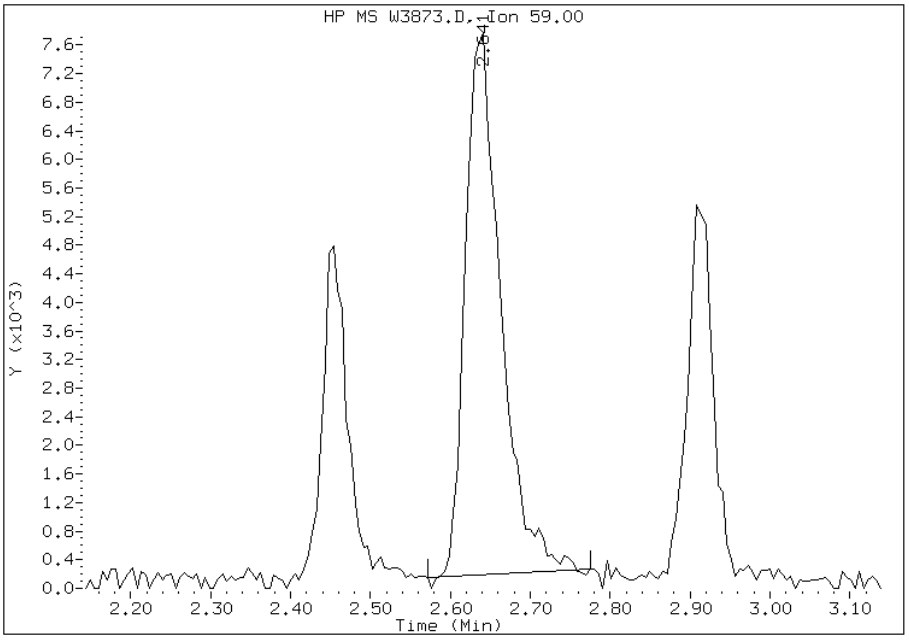
Manual Integration Results

RT: 2.64

Response: 23330

Amount: 8

Conc: 8



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/23/2009

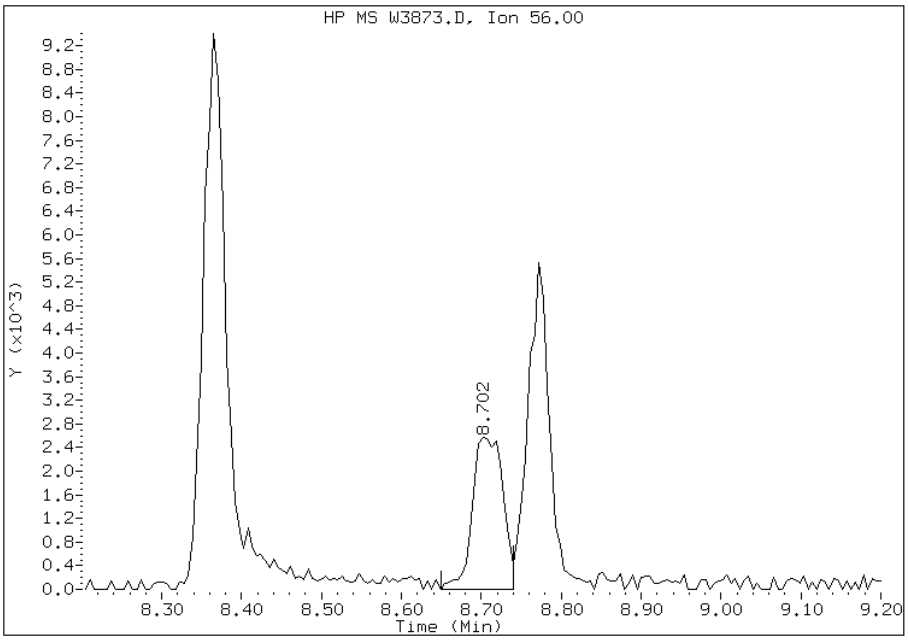
Processing Integration Results

RT: 8.70

Response: 6872

Amount: 2

Conc: 2



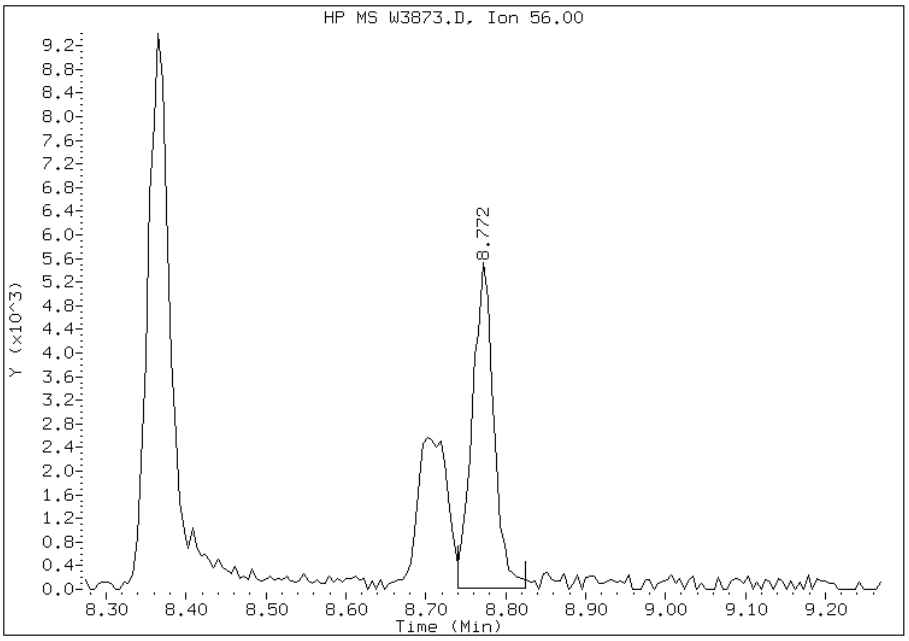
Manual Integration Results

RT: 8.77

Response: 10263

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3873.D
Inj. Date and Time: 20-MAR-2009 20:36
Instrument ID: msw.i
Client ID: IC;2
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/23/2009

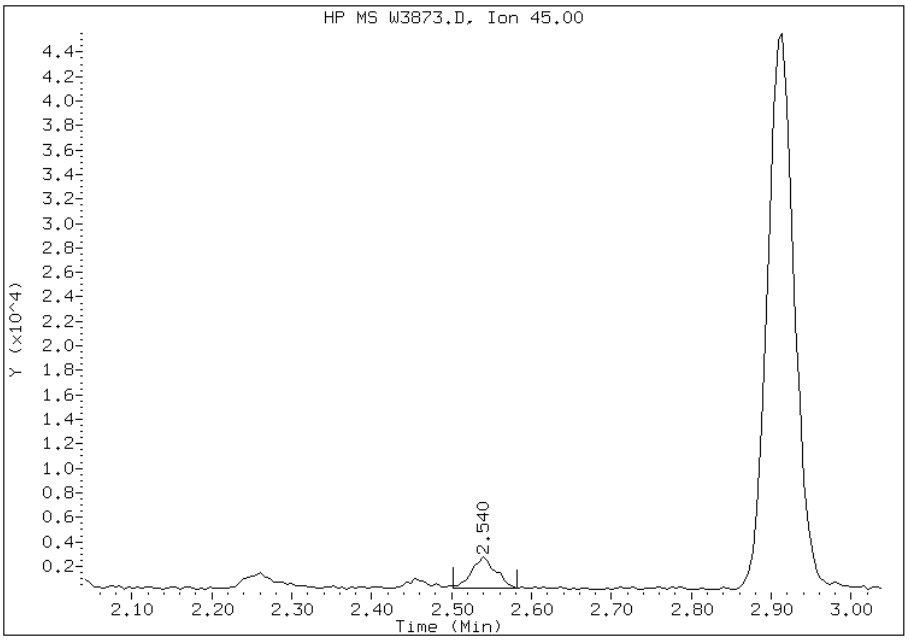
Processing Integration Results

RT: 2.54

Response: 5294

Amount: 2

Conc: 2



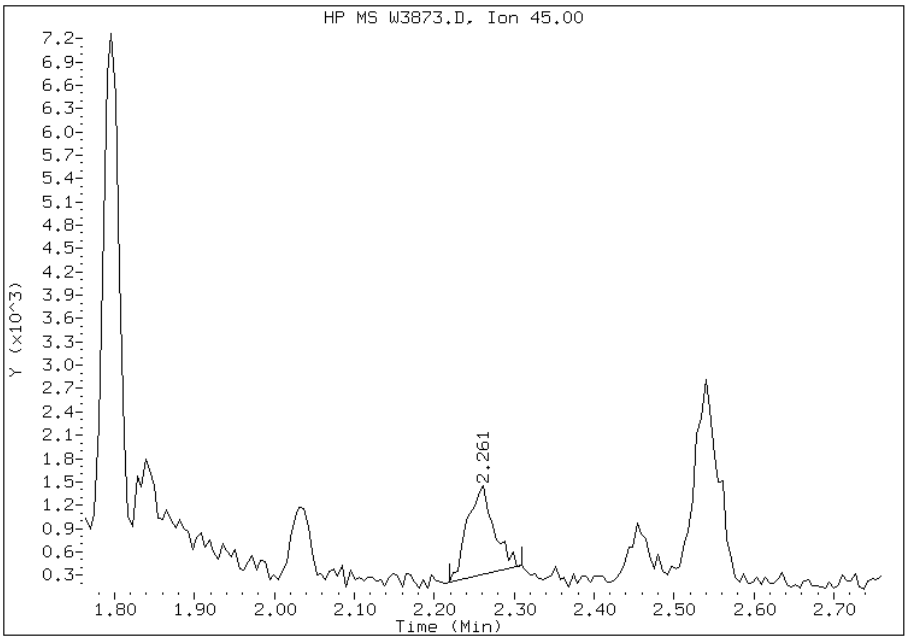
Manual Integration Results

RT: 2.26

Response: 2602

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W3874.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 20-MAR-2009 21:03 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W8260LOW.M
Meth Date : 21-Mar-2009 14:57 msw.i Quant Type: ISTD
Cal Date : 20-MAR-2009 20:36 Cal File: W3873.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	936155	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.205)	45184	5.00000	4
3	Chloromethane	50	1.143	1.143	(0.231)	65432	5.00000	5
4	Vinyl Chloride	62	1.175	1.175	(0.237)	55563	5.00000	4
5	Bromomethane	94	1.367	1.367	(0.276)	29813	5.00000	5
6	Chloroethane	64	1.448	1.448	(0.292)	34867	5.00000	5
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	79614	5.00000	4
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	94827	5.00000	6
9	Ethyl Ether	45	1.736	1.736	(0.350)	56921	5.00000	5
10	Ethanol	45	1.795	1.795	(0.362)	24991	50.0000	54
11	Freon 141	81	1.795	1.795	(0.362)	101096	5.00000	4
12	Freon 123	67	1.913	1.913	(0.386)	13360	5.00000	4
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	49881	5.00000	4
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	54635	5.00000	4
15	Carbon Disulfide	76	1.886	1.886	(0.381)	209552	5.00000	6
16	Iodomethane	142	1.966	1.966	(0.397)	57291	5.00000	6
17	Acrolein	56	2.111	2.111	(0.426)	60750	25.0000	25
18	2-Propanol	45	2.261	2.261	(0.456)	8214	5.00000	5(H)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	126882	5.00000	6
20	Methylene Chloride	84	2.304	2.304	(0.465)	101726	5.00000	4
21	Acetone	43	2.346	2.346	(0.473)	33549	5.00000	4
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	70181	5.00000	6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.453	2.453	(0.495)	270497	5.00000	5
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	249703	5.00000	6
	25 tert-Butyl alcohol	59	2.635	2.635	(0.532)	51360	25.0000	20
	26 Acetonitrile	41	2.748	2.748	(0.554)	142052	50.0000	51
	27 Isopropyl ether	45	2.913	2.913	(0.588)	268445	5.00000	6
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	253523	5.00000	6
	29 2-Chloro-1,3-Butadiene	88	2.983	2.983	(0.602)	48336	5.00000	4
	30 Acrylonitrile	53	3.058	3.058	(0.617)	72553	10.0000	11
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	135451	5.00000	6
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	210241	5.00000	5
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	80288	5.00000	6
	34 2,2-Dichloropropane	77	3.684	3.684	(0.743)	93698	5.00000	6
	35 Bromochloromethane	128	3.775	3.775	(0.762)	44600	5.00000	6
	36 1-Bromopropane	43	3.759	3.759	(0.758)	116967	5.00000	6
	37 Cyclohexane	84	3.775	3.775	(0.762)	78355	5.00000	5
	38 Chloroform	83	3.876	3.876	(0.782)	128680	5.00000	5
	39 Ethyl Acetate	43	4.048	4.048	(0.817)	85275	10.0000	11
	40 Methyl Acrylate	55	4.042	4.042	(0.815)	77923	5.00000	5
$	41 Dibromofluoromethane	111	4.064	4.064	(0.820)	57658	5.00000	5
	42 Tetrahydrofuran	42	4.031	4.031	(0.813)	76200	10.0000	11
	43 Carbon Tetrachloride	117	3.999	3.999	(0.807)	83178	5.00000	5
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.823)	99857	5.00000	6
	45 2-Butanone	43	4.219	4.219	(0.851)	35116	5.00000	4
	46 1,1-Dichloropropene	75	4.219	4.219	(0.851)	91662	5.00000	5
	47 tert-Amyl methyl ether	73	4.663	4.663	(0.941)	225075	5.00000	6
	48 tert-Butyl formate	57	4.839	4.839	(0.976)	6528	5.00000	5
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	138021	5.00000	5
	50 Heptane	43	4.508	4.508	(0.909)	56824	5.00000	6
	51 Propionitrile	54	4.518	4.518	(0.912)	143341	50.0000	60
	52 Benzene	78	4.481	4.481	(0.904)	305555	5.00000	6
	53 2-Methyl-2-Propenenitrile	41	4.540	4.540	(0.916)	66945	5.00000	5(M)
	54 Isobutyl alcohol	42	4.663	4.663	(0.941)	13502	50.0000	53
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	70642	5.00000	5
	56 1,2-Dichloroethane	62	4.711	4.711	(0.950)	106696	5.00000	6
	59 Methyl Cyclohexane	83	5.128	5.128	(1.035)	75043	5.00000	5
	60 Trichloroethene	130	5.155	5.155	(1.040)	80213	5.00000	6
	61 Isopropyl Acetate	43	5.075	5.075	(1.024)	236074	10.0000	10
	62 n-Butanol	56	5.647	5.647	(1.139)	15514	50.0000	64
	63 Dibromomethane	93	5.615	5.615	(1.133)	49868	5.00000	6
	64 1,2-Dichloropropane	63	5.733	5.733	(1.156)	80652	5.00000	6
	65 Bromodichloromethane	83	5.834	5.834	(1.177)	92878	5.00000	6
	66 Methyl Methacrylate	69	6.080	6.080	(1.227)	55016	5.00000	5
	67 1,4-Dioxane	58	6.080	6.080	(1.227)	7772	50.0000	50
	68 n-Propyl Acetate	43	6.268	6.268	(1.264)	90892	10.0000	10
	69 2-Chloroethylvinylether	63	6.562	6.562	(1.324)	49133	5.00000	5
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	117638	5.00000	6
	71 Chloroacetonitrile	48	7.070	7.070	(1.426)	28339	50.0000	49
	72 2-Nitropropane	41	7.129	7.129	(1.438)	48787	10.0000	10
	73 trans-1,3-Dichloropropene	75	7.396	7.396	(1.492)	109461	5.00000	5
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	70871	5.00000	6
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	766017	25.0000	
	76 Toluene	91	6.861	6.861	(0.789)	296524	5.00000	6
$	77 Toluene-d8	98	6.803	6.803	(0.782)	213725	5.00000	6
	78 1,1-Dichloro-2-propanone	43	7.150	7.150	(0.822)	234064	25.0000	27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.364	7.364	(0.846)	78598	5.00000	5
80	Tetrachloroethene	164	7.316	7.316	(0.841)	58972	5.00000	5
81	Ethyl Methacrylate	69	7.664	7.664	(0.881)	88689	5.00000	5
82	Dibromochloromethane	129	7.776	7.776	(0.894)	74827	5.00000	6
83	1,3-Dichloropropane	76	7.894	7.894	(0.907)	129753	5.00000	6
84	1,2-Dibromoethane	107	8.022	8.022	(0.922)	73391	5.00000	6
85	n-Butyl Acetate	56	8.771	8.771	(1.008)	30725	5.00000	6(M)
86	2-Hexanone	43	8.429	8.429	(0.969)	60077	5.00000	5
87	1-Chlorohexane	91	8.777	8.777	(1.009)	56656	5.00000	4(M)
88	Chlorobenzene	112	8.723	8.723	(1.002)	205310	5.00000	6
89	1,1,1,2-Tetrachloroethane	131	8.825	8.825	(1.014)	70126	5.00000	6
90	Ethylbenzene	106	8.803	8.803	(1.012)	104215	5.00000	6
91	Xylene (total)mp	106	9.007	9.007	(1.035)	242831	10.0000	11
92	Xylene (total)o	106	9.510	9.510	(1.093)	118832	5.00000	6
93	Styrene	104	9.574	9.574	(1.100)	175057	5.00000	6
94	Bromoform	173	9.558	9.558	(1.098)	50931	5.00000	5
* 95	1,4-Dichlorobenzene-d4	152	11.114	11.114	(1.000)	410588	25.0000	
96	Isopropylbenzene	105	9.868	9.868	(0.888)	255195	5.00000	6
97	Bromobenzene	156	10.194	10.194	(0.917)	87288	5.00000	6
98	1,1,2,2-Tetrachloroethane	83	10.349	10.349	(0.931)	85934	5.00000	6
99	4-Ethyltoluene	105	10.387	10.387	(0.935)	251219	5.00000	6
100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	30778	5.00000	6
101	trans-1,4-Dichloro-2-Butene	53	10.510	10.510	(0.946)	39396	10.0000	10
102	n-Propylbenzene	91	10.275	10.275	(0.924)	285859	5.00000	6
103	2-Chlorotoluene	91	10.392	10.392	(0.935)	222239	5.00000	6
104	4-Chlorotoluene	91	10.547	10.547	(0.949)	208642	5.00000	6
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	215367	5.00000	6
106	tert-Butylbenzene	119	10.745	10.745	(0.967)	173081	5.00000	6
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	216722	5.00000	6
108	sec-Butylbenzene	105	10.900	10.900	(0.981)	232266	5.00000	6
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	199470	5.00000	6
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	142498	5.00000	6
111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	149508	5.00000	6
112	1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	143256	5.00000	6
113	Benzyl Chloride	126	11.339	11.339	(1.020)	33121	5.00000	5
114	1,4-Diethylbenzene	119	11.334	11.334	(1.020)	104383	5.00000	6
115	n-Butylbenzene	91	11.377	11.377	(1.024)	181331	5.00000	6
118	1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	175029	5.00000	6
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	16396	5.00000	5
120	Nitrobenzene	77	12.479	12.479	(1.123)	44324	50.0000	52
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	93856	5.00000	7
122	Hexachlorobutadiene	225	12.570	12.570	(1.131)	40213	5.00000	5
123	Naphthalene	128	12.800	12.800	(1.152)	291690	5.00000	6
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	91819	5.00000	7
$ 125	Bromofluorobenzene	95	10.119	10.119	(0.910)	74315	5.00000	5
M 126	1,2-Dichloroethene (total)	100				150469	10.0000	12
M 127	Xylene (total)	100				361663	15.0000	17

QC Flag Legend

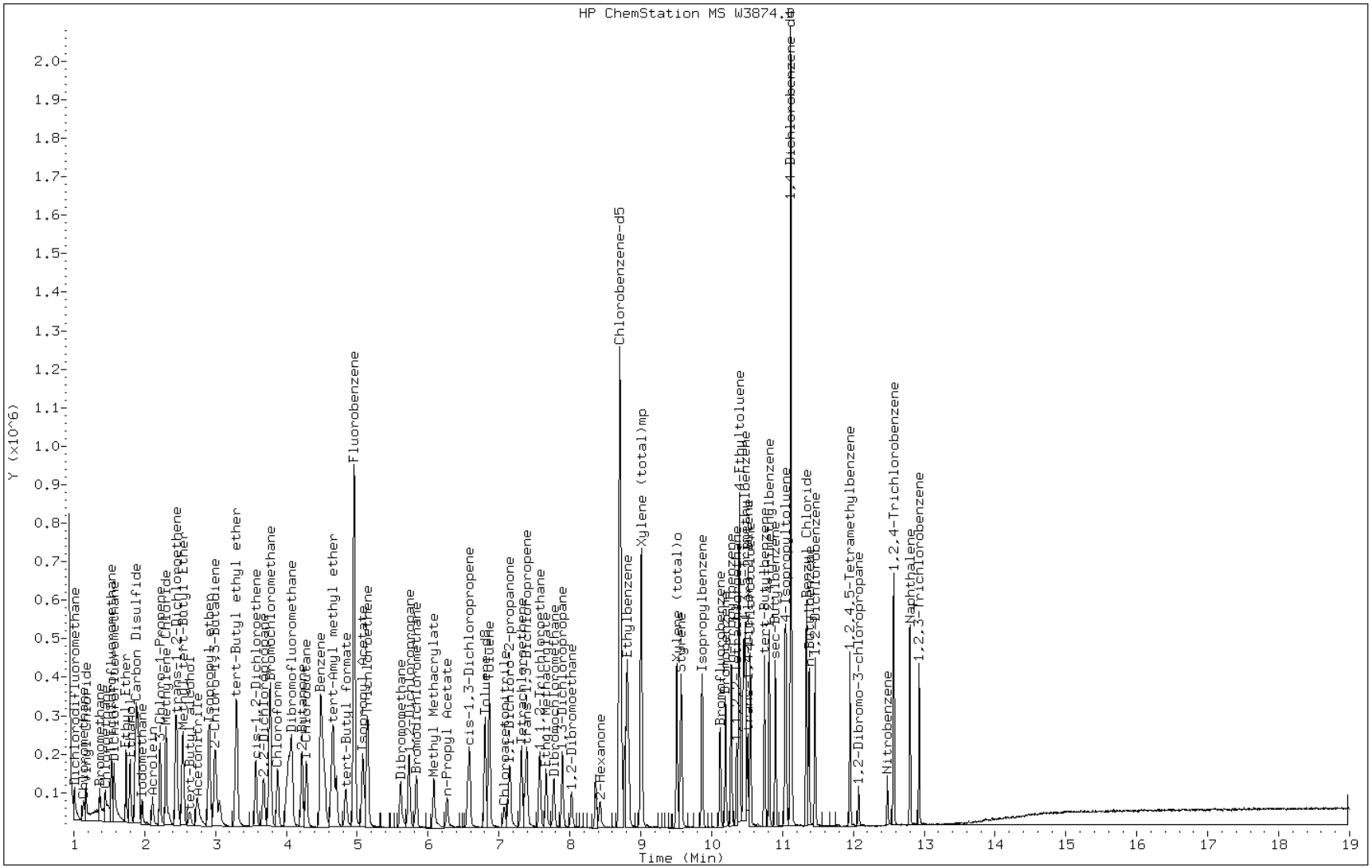
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3874.D

Date: 20-MAR-2009 21:03

Client ID: IC;5 Instrument: msw.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3874.D
Inj. Date and Time: 20-MAR-2009 21:03
Instrument ID: msw.i
Client ID: IC;5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/23/2009

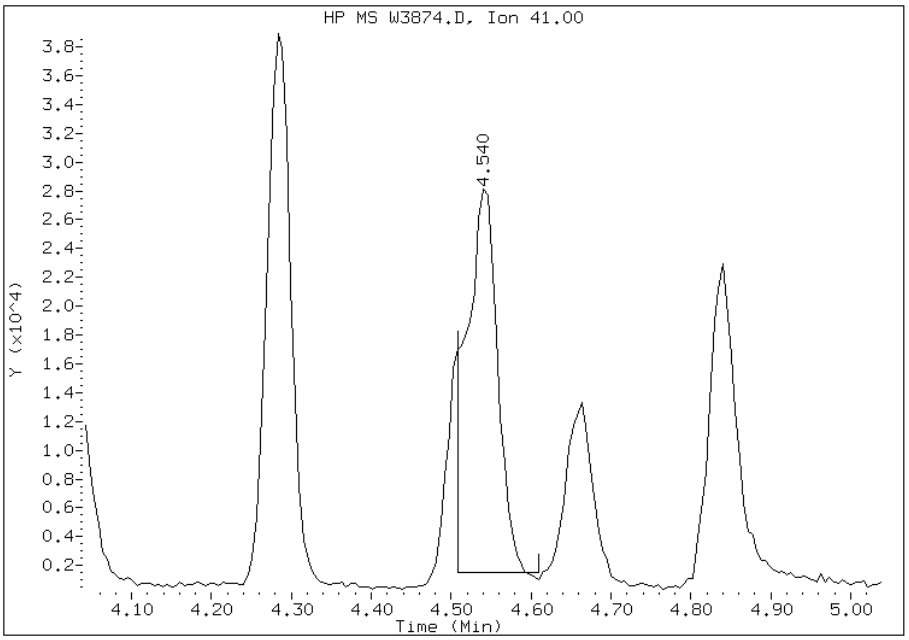
Processing Integration Results

RT: 4.54

Response: 72698

Amount: 6

Conc: 6



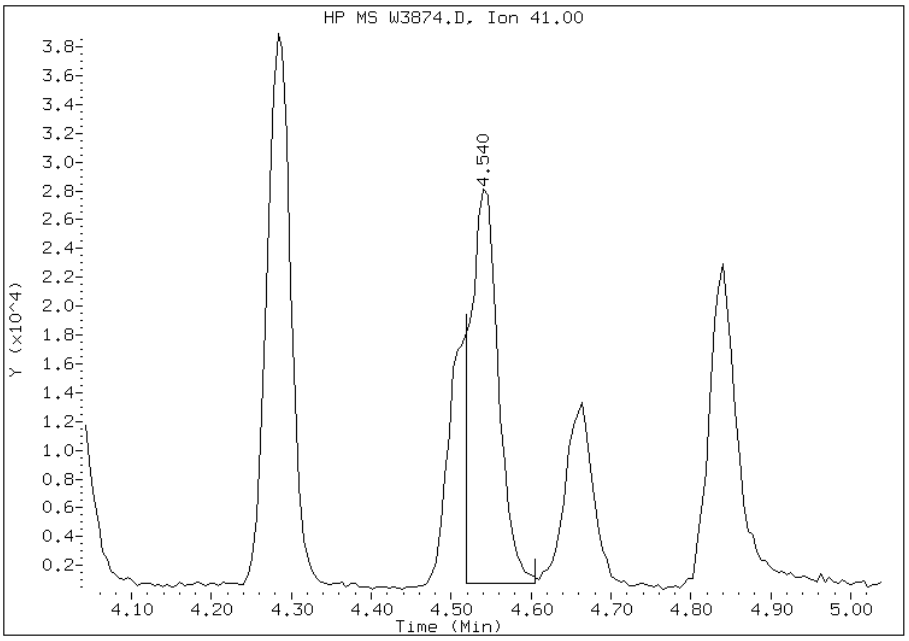
Manual Integration Results

RT: 4.54

Response: 66945

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3874.D
Inj. Date and Time: 20-MAR-2009 21:03
Instrument ID: msw.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/23/2009

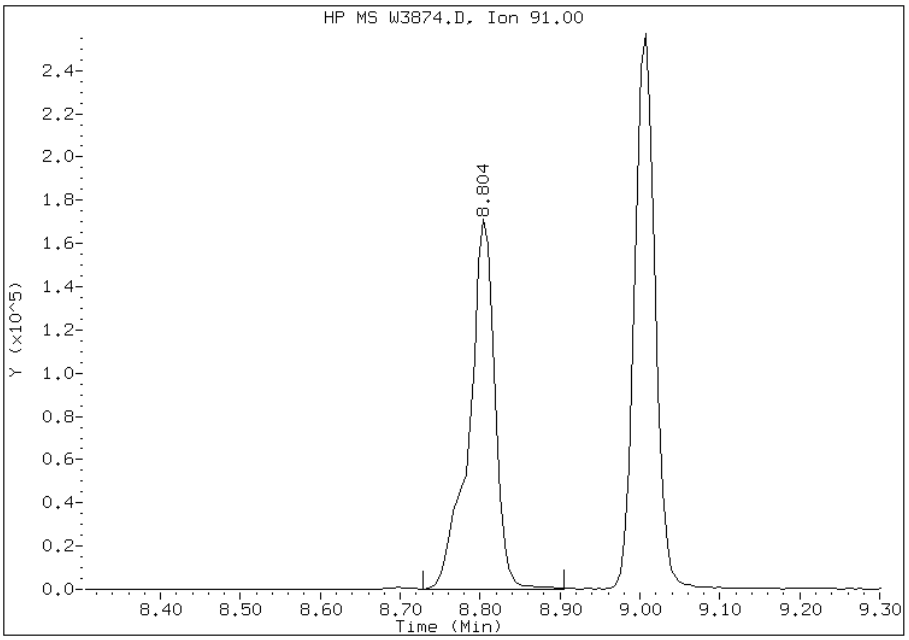
Processing Integration Results

RT: 8.80

Response: 381030

Amount: 9

Conc: 9



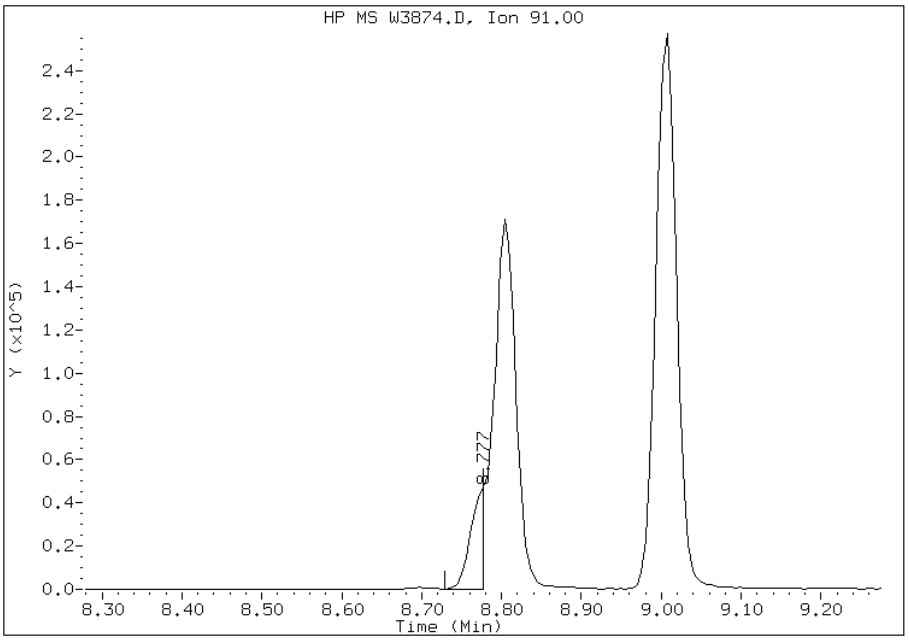
Manual Integration Results

RT: 8.78

Response: 56656

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3874.D
Inj. Date and Time: 20-MAR-2009 21:03
Instrument ID: msw.i
Client ID: IC;5
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/23/2009

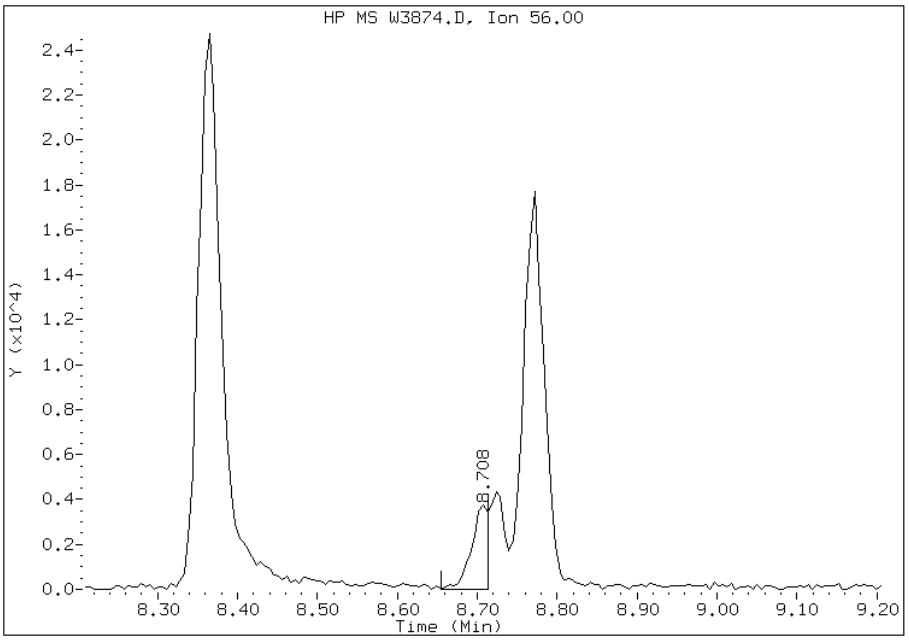
Processing Integration Results

RT: 8.71

Response: 5489

Amount: 2

Conc: 2



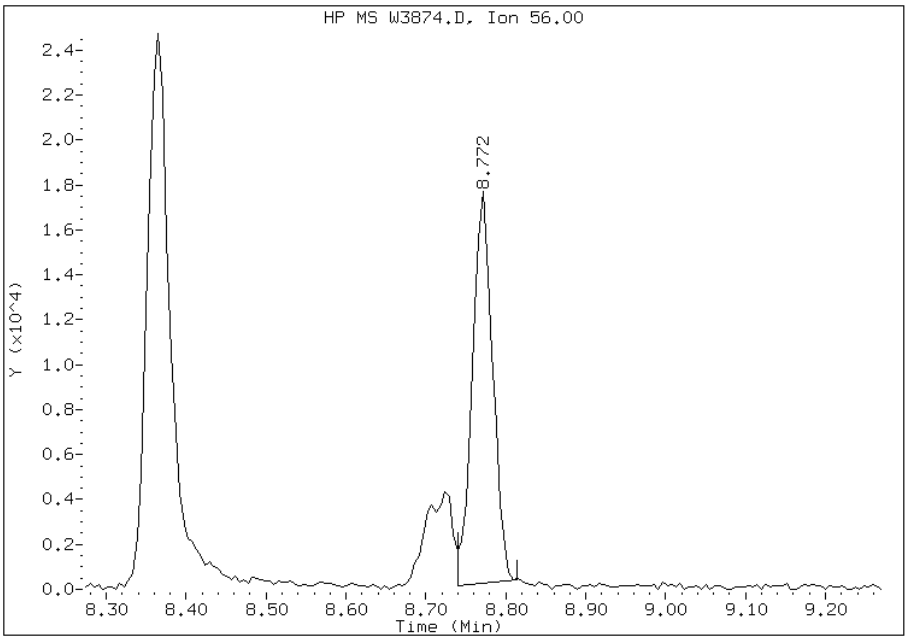
Manual Integration Results

RT: 8.77

Response: 30725

Amount: 7

Conc: 7



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W3875.D
Lab Smp Id: ICIS Client Smp ID: ICIS
Inj Date : 20-MAR-2009 21:29 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : ICIS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W8260LOW.M
Meth Date : 23-Mar-2009 08:22 msw.i Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	949815	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.205)	150874	20.0000	21
3	Chloromethane	50	1.143	1.143	(0.231)	257560	20.0000	20
4	Vinyl Chloride	62	1.175	1.175	(0.237)	211025	20.0000	20
5	Bromomethane	94	1.367	1.367	(0.276)	102184	20.0000	19
6	Chloroethane	64	1.448	1.448	(0.292)	122573	20.0000	17
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	279323	20.0000	22
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	362075	20.0000	20
9	Ethyl Ether	45	1.737	1.737	(0.350)	223813	20.0000	20
10	Ethanol	45	1.795	1.795	(0.362)	98264	200.000	210
11	Freon 141	81	1.795	1.795	(0.362)	383537	20.0000	21
12	Freon 123	67	1.913	1.913	(0.386)	49598	20.0000	20
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	172664	20.0000	20
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	211422	20.0000	20
15	Carbon Disulfide	76	1.886	1.886	(0.381)	795894	20.0000	21
16	Iodomethane	142	1.967	1.967	(0.397)	302554	20.0000	19
17	Acrolein	56	2.111	2.111	(0.426)	262990	100.000	99
18	2-Propanol	45	2.255	2.255	(0.455)	28461	20.0000	18(MH)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	503532	20.0000	21
20	Methylene Chloride	84	2.304	2.304	(0.465)	320876	20.0000	20
21	Acetone	43	2.346	2.346	(0.473)	130917	20.0000	19
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	276782	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.453	2.453	(0.495)	1140010	20.0000	21
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	1012152	20.0000	21
	25 tert-Butyl alcohol	59	2.635	2.635	(0.532)	218639	100.000	94
	26 Acetonitrile	41	2.742	2.742	(0.553)	625481	200.000	210
	27 Isopropyl ether	45	2.913	2.913	(0.588)	1096699	20.0000	21
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	1018578	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.603)	202368	20.0000	20
	30 Acrylonitrile	53	3.053	3.053	(0.616)	324067	40.0000	40
	31 1,1-Dichloroethane	63	3.004	3.004	(0.606)	536236	20.0000	21
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	919781	20.0000	20
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	330908	20.0000	21
	34 2,2-Dichloropropane	77	3.684	3.684	(0.743)	354910	20.0000	20
	35 Bromochloromethane	128	3.775	3.775	(0.762)	177551	20.0000	21
	36 1-Bromopropane	43	3.759	3.759	(0.758)	462921	20.0000	21
	37 Cyclohexane	84	3.780	3.780	(0.763)	284847	20.0000	21
	38 Chloroform	83	3.876	3.876	(0.782)	503974	20.0000	20
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	379007	40.0000	43
	40 Methyl Acrylate	55	4.037	4.037	(0.814)	359396	20.0000	20
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	235654	20.0000	20
	42 Tetrahydrofuran	42	4.032	4.032	(0.813)	328619	40.0000	42
	43 Carbon Tetrachloride	117	3.999	3.999	(0.807)	318905	20.0000	20
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.823)	384505	20.0000	21
	45 2-Butanone	43	4.213	4.213	(0.850)	171105	20.0000	21
	46 1,1-Dichloropropene	75	4.219	4.219	(0.851)	352900	20.0000	20
	47 tert-Amyl methyl ether	73	4.657	4.657	(0.940)	939529	20.0000	21
	48 tert-Butyl formate	57	4.839	4.839	(0.976)	32409	20.0000	18
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	532164	20.0000	20
	50 Heptane	43	4.508	4.508	(0.909)	209316	20.0000	20
	51 Propionitrile	54	4.513	4.513	(0.910)	623382	200.000	220
	52 Benzene	78	4.481	4.481	(0.904)	1173554	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.540	4.540	(0.916)	300470	20.0000	20(M)
	54 Isobutyl alcohol	42	4.652	4.652	(0.938)	48868	200.000	200
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	278402	20.0000	20
	56 1,2-Dichloroethane	62	4.706	4.706	(0.949)	429419	20.0000	21
	59 Methyl Cyclohexane	83	5.128	5.128	(1.035)	273127	20.0000	20
	60 Trichloroethene	130	5.150	5.150	(1.039)	309951	20.0000	21
	61 Isopropyl Acetate	43	5.075	5.075	(1.024)	1012931	40.0000	39
	62 n-Butanol	56	5.642	5.642	(1.138)	84332	200.000	180
	63 Dibromomethane	93	5.610	5.610	(1.132)	202285	20.0000	21
	64 1,2-Dichloropropane	63	5.733	5.733	(1.156)	317868	20.0000	20
	65 Bromodichloromethane	83	5.834	5.834	(1.177)	381162	20.0000	21
	66 Methyl Methacrylate	69	6.080	6.080	(1.227)	249390	20.0000	19
	67 1,4-Dioxane	58	6.080	6.080	(1.227)	31763	200.000	200
	68 n-Propyl Acetate	43	6.268	6.268	(1.264)	421884	40.0000	39
	69 2-Chloroethylvinylether	63	6.557	6.557	(1.323)	220603	20.0000	19
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	494006	20.0000	21
	71 Chloroacetonitrile	48	7.070	7.070	(1.426)	145784	200.000	190
	72 2-Nitropropane	41	7.134	7.134	(1.439)	217279	40.0000	39
	73 trans-1,3-Dichloropropene	75	7.391	7.391	(1.491)	473462	20.0000	20
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	286481	20.0000	21
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	792256	25.0000	
	76 Toluene	91	6.862	6.862	(0.789)	1211151	20.0000	21
$	77 Toluene-d8	98	6.803	6.803	(0.782)	838671	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.150	7.150	(0.822)	1092993	100.000	99

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.364	7.364	(0.846)	372517	20.0000	20
80	Tetrachloroethene	164	7.316	7.316	(0.841)	225994	20.0000	20
81	Ethyl Methacrylate	69	7.664	7.664	(0.881)	427235	20.0000	19
82	Dibromochloromethane	129	7.776	7.776	(0.894)	325225	20.0000	21
83	1,3-Dichloropropane	76	7.894	7.894	(0.907)	517666	20.0000	20
84	1,2-Dibromoethane	107	8.022	8.022	(0.922)	306516	20.0000	21
85	n-Butyl Acetate	56	8.771	8.771	(1.008)	122870	20.0000	21(H)
86	2-Hexanone	43	8.424	8.424	(0.968)	274315	20.0000	20
87	1-Chlorohexane	91	8.777	8.777	(1.009)	228212	20.0000	17(M)
88	Chlorobenzene	112	8.723	8.723	(1.002)	822862	20.0000	21
89	1,1,1,2-Tetrachloroethane	131	8.830	8.830	(1.015)	294926	20.0000	21
90	Ethylbenzene	106	8.803	8.803	(1.012)	411463	20.0000	21
91	Xylene (total)mp	106	9.007	9.007	(1.035)	1002437	40.0000	40
92	Xylene (total)o	106	9.510	9.510	(1.093)	489796	20.0000	21
93	Styrene	104	9.569	9.569	(1.100)	800500	20.0000	19
94	Bromoform	173	9.558	9.558	(1.098)	231978	20.0000	19
* 95	1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	428043	25.0000	
96	Isopropylbenzene	105	9.863	9.863	(0.887)	1043983	20.0000	20
97	Bromobenzene	156	10.194	10.194	(0.917)	357160	20.0000	21
98	1,1,2,2-Tetrachloroethane	83	10.355	10.355	(0.932)	370551	20.0000	21
99	4-Ethyltoluene	105	10.387	10.387	(0.935)	1052346	20.0000	20
100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	127692	20.0000	21
101	trans-1,4-Dichloro-2-Butene	53	10.510	10.510	(0.946)	185154	40.0000	40
102	n-Propylbenzene	91	10.275	10.275	(0.924)	1169064	20.0000	20
103	2-Chlorotoluene	91	10.392	10.392	(0.935)	903091	20.0000	21
104	4-Chlorotoluene	91	10.548	10.548	(0.949)	847535	20.0000	21
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	884219	20.0000	20
106	tert-Butylbenzene	119	10.745	10.745	(0.967)	703282	20.0000	20
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	905038	20.0000	20
108	sec-Butylbenzene	105	10.901	10.901	(0.981)	940179	20.0000	20
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	820643	20.0000	20
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	574428	20.0000	21
111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	595662	20.0000	21
112	1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	570598	20.0000	21
113	Benzyl Chloride	126	11.339	11.339	(1.020)	156360	20.0000	19
114	1,4-Diethylbenzene	119	11.334	11.334	(1.020)	438285	20.0000	19
115	n-Butylbenzene	91	11.377	11.377	(1.024)	717958	20.0000	20
118	1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	764494	20.0000	19
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	74928	20.0000	20
120	Nitrobenzene	77	12.479	12.479	(1.123)	280564	200.000	160
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	375056	20.0000	19
122	Hexachlorobutadiene	225	12.564	12.564	(1.130)	156550	20.0000	19
123	Naphthalene	128	12.800	12.800	(1.152)	1254742	20.0000	19
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	376906	20.0000	19
$ 125	Bromofluorobenzene	95	10.120	10.120	(0.910)	300531	20.0000	20
M 126	1,2-Dichloroethene (total)	100				607690	40.0000	41
M 127	Xylene (total)	100				1492233	60.0000	61

QC Flag Legend

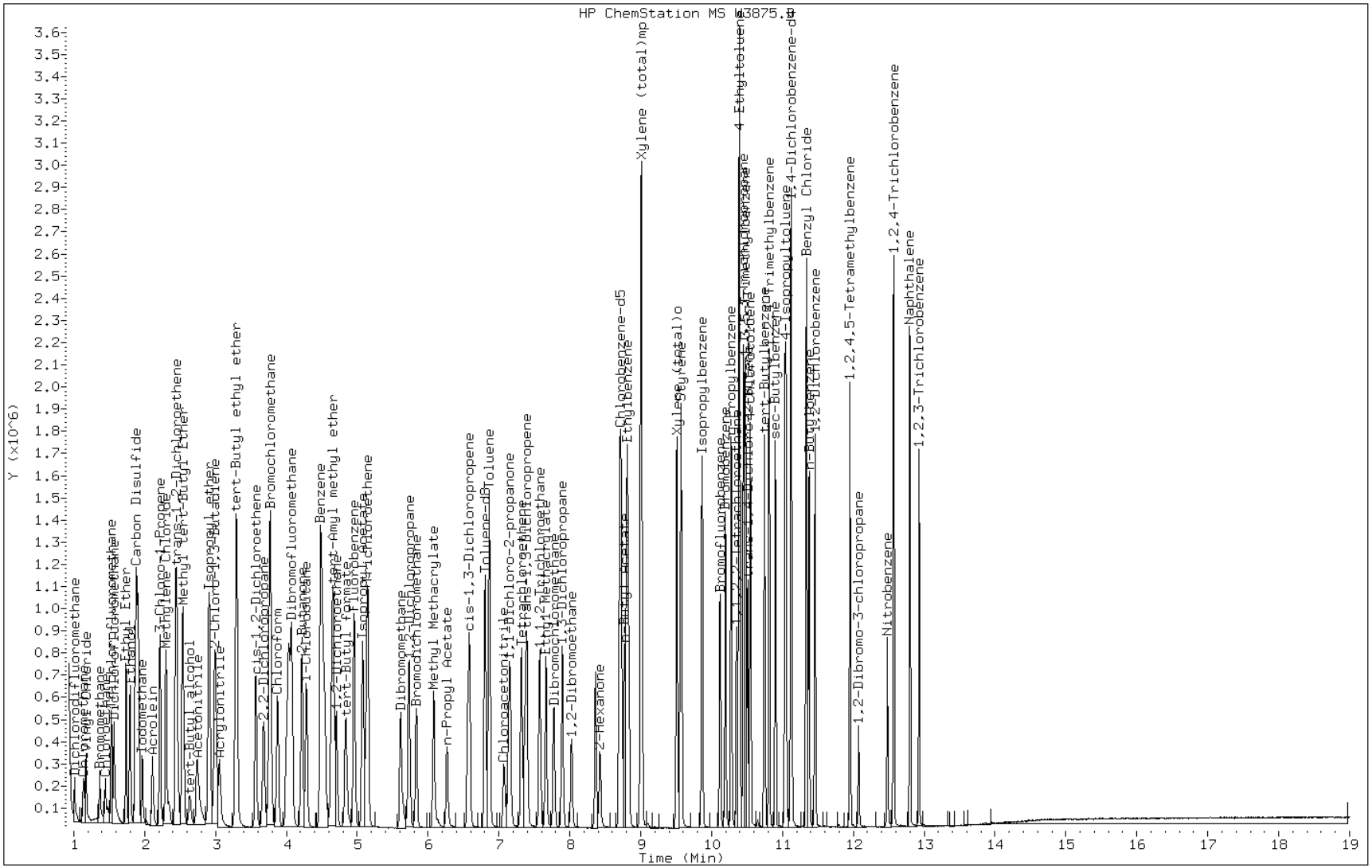
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3875.D

Date: 20-MAR-2009 21:29

Client ID: ICIS Instrument: msw.i

Sample Info: ICIS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3875.D
Inj. Date and Time: 20-MAR-2009 21:29
Instrument ID: msw.i
Client ID: ICIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/23/2009

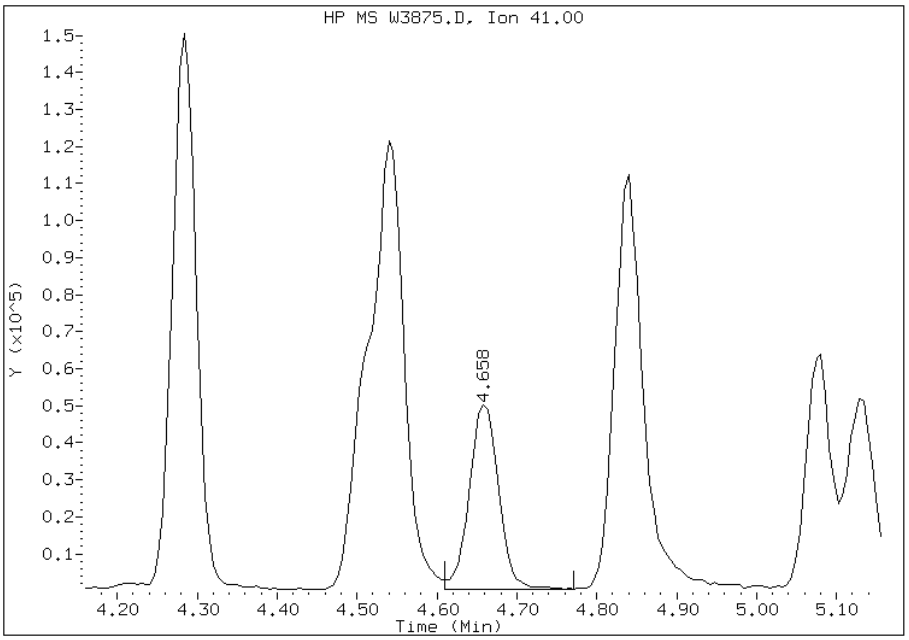
Processing Integration Results

RT: 4.66

Response: 126856

Amount: 17

Conc: 17



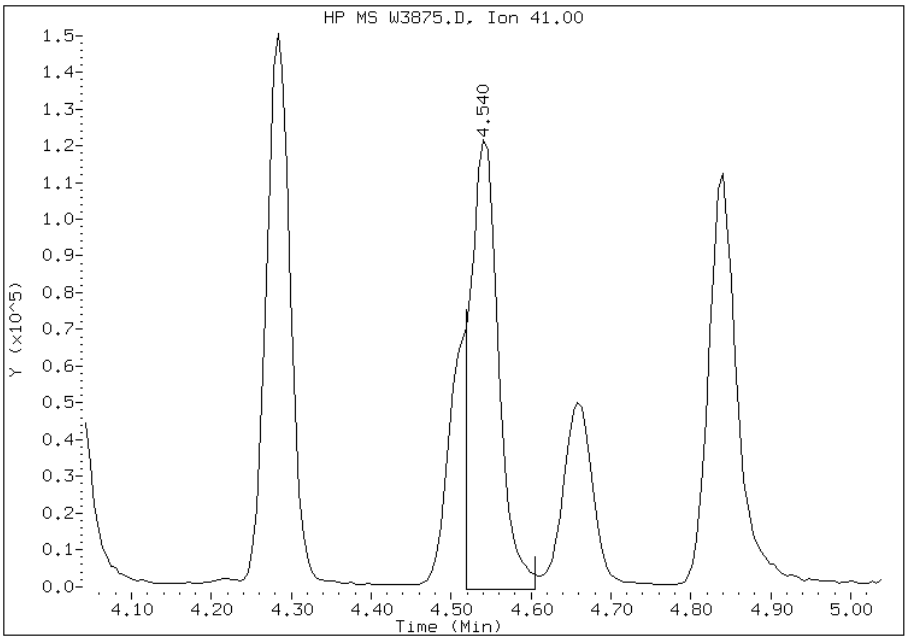
Manual Integration Results

RT: 4.54

Response: 300470

Amount: 20

Conc: 20



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3875.D
Inj. Date and Time: 20-MAR-2009 21:29
Instrument ID: msw.i
Client ID: ICIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/23/2009

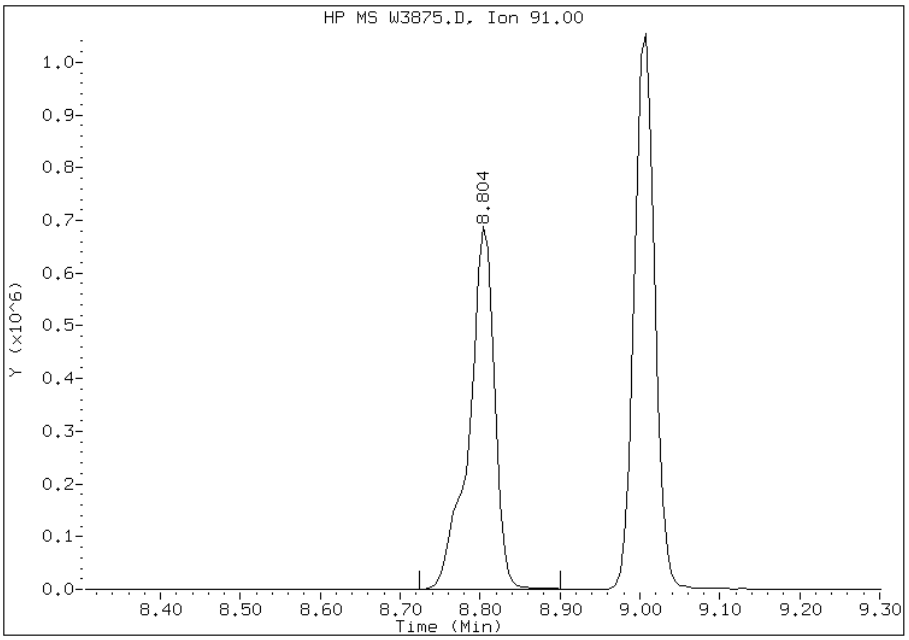
Processing Integration Results

RT: 8.80

Response: 1522525

Amount: 21

Conc: 21



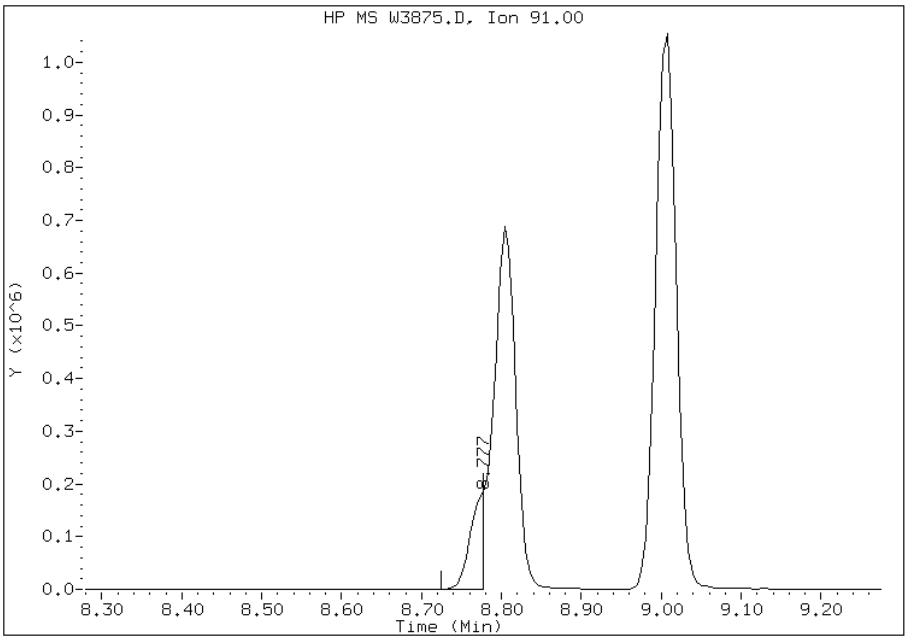
Manual Integration Results

RT: 8.78

Response: 228212

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3875.D
Inj. Date and Time: 20-MAR-2009 21:29
Instrument ID: msw.i
Client ID: ICIS
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/23/2009

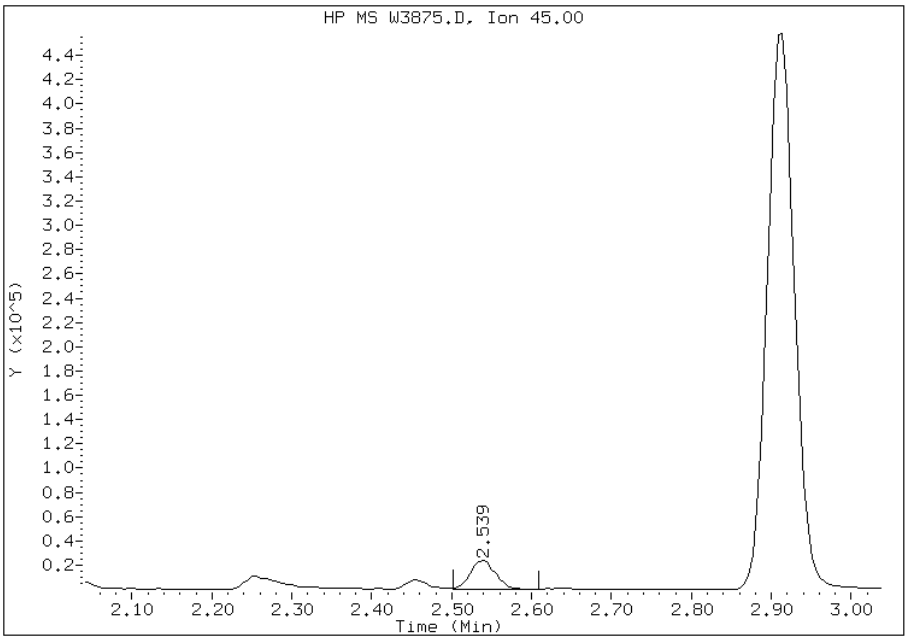
Processing Integration Results

RT: 2.54

Response: 51356

Amount: 19

Conc: 19



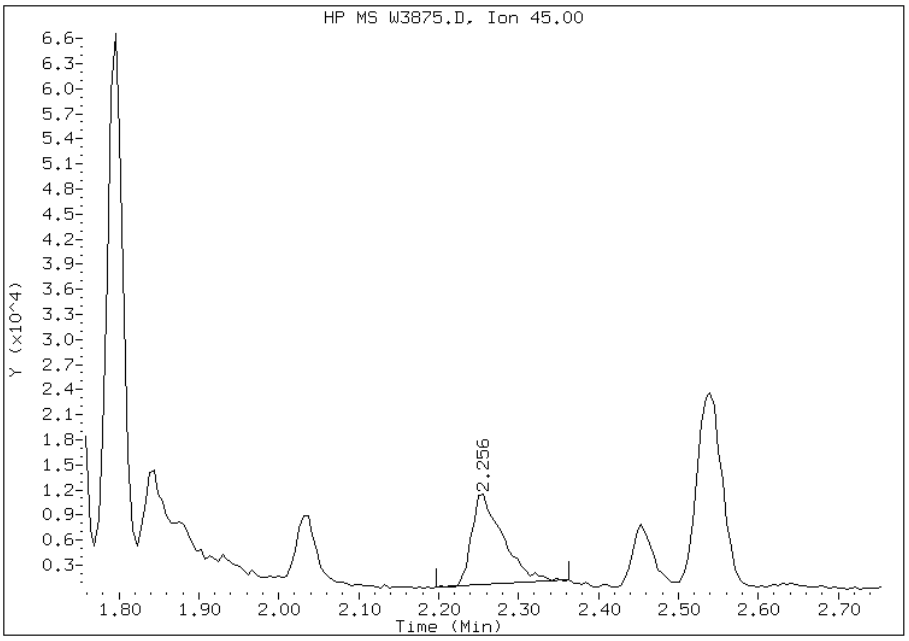
Manual Integration Results

RT: 2.26

Response: 28461

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W3876.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 20-MAR-2009 21:56 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;50
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W8260LOW.M
Meth Date : 21-Mar-2009 14:57 msw.i Quant Type: ISTD
Cal Date : 20-MAR-2009 21:29 Cal File: W3875.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	950602	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.204)	353639	50.0000	47
3	Chloromethane	50	1.143	1.143	(0.231)	635270	50.0000	50
4	Vinyl Chloride	62	1.175	1.175	(0.237)	519710	50.0000	49
5	Bromomethane	94	1.367	1.367	(0.276)	255547	50.0000	45
6	Chloroethane	64	1.442	1.442	(0.291)	269082	50.0000	54
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	624416	50.0000	45
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	883514	50.0000	49
9	Ethyl Ether	45	1.737	1.737	(0.350)	568796	50.0000	51
10	Ethanol	45	1.795	1.795	(0.362)	237762	500.000	490
11	Freon 141	81	1.795	1.795	(0.362)	939960	50.0000	49
12	Freon 123	67	1.913	1.913	(0.386)	123719	50.0000	50
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	422043	50.0000	49
14	1,1-Dichloroethene	96	1.865	1.865	(0.376)	522957	50.0000	49
15	Carbon Disulfide	76	1.886	1.886	(0.381)	1954064	50.0000	51
16	Iodomethane	142	1.967	1.967	(0.397)	838528	50.0000	54
17	Acrolein	56	2.111	2.111	(0.426)	698273	250.000	280
18	2-Propanol	45	2.256	2.256	(0.455)	76977	50.0000	49(MH)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.448)	1284800	50.0000	54
20	Methylene Chloride	84	2.304	2.304	(0.465)	769868	50.0000	51
21	Acetone	43	2.346	2.346	(0.473)	318683	50.0000	43
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	705629	50.0000	54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.453	2.453	(0.495)	2809754	50.0000	52
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	2555107	50.0000	53
	25 tert-Butyl alcohol	59	2.641	2.641	(0.533)	553256	250.000	230
	26 Acetonitrile	41	2.742	2.742	(0.553)	1549118	500.000	530
	27 Isopropyl ether	45	2.914	2.914	(0.588)	2782723	50.0000	54
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	2592201	50.0000	54
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.603)	507966	50.0000	50
	30 Acrylonitrile	53	3.053	3.053	(0.616)	806817	100.000	98
	31 1,1-Dichloroethane	63	3.004	3.004	(0.606)	1358988	50.0000	53
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	2357365	50.0000	51
	33 cis-1,2-Dichloroethene	96	3.572	3.572	(0.721)	845205	50.0000	54
	34 2,2-Dichloropropane	77	3.679	3.679	(0.742)	892296	50.0000	51
	35 Bromochloromethane	128	3.775	3.775	(0.762)	442631	50.0000	52
	36 1-Bromopropane	43	3.759	3.759	(0.758)	1168240	50.0000	54
	37 Cyclohexane	84	3.775	3.775	(0.762)	683871	50.0000	48
	38 Chloroform	83	3.876	3.876	(0.782)	1280052	50.0000	51
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	958857	100.000	120
	40 Methyl Acrylate	55	4.037	4.037	(0.814)	906821	50.0000	50
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	607682	50.0000	54
	42 Tetrahydrofuran	42	4.026	4.026	(0.812)	839513	100.000	110
	43 Carbon Tetrachloride	117	4.005	4.005	(0.808)	790054	50.0000	49
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.823)	960587	50.0000	53
	45 2-Butanone	43	4.214	4.214	(0.850)	438463	50.0000	56
	46 1,1-Dichloropropene	75	4.219	4.219	(0.851)	869983	50.0000	49
	47 tert-Amyl methyl ether	73	4.658	4.658	(0.940)	2417246	50.0000	56
	48 tert-Butyl formate	57	4.839	4.839	(0.976)	91008	50.0000	56
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	1327109	50.0000	50
	50 Heptane	43	4.508	4.508	(0.909)	533285	50.0000	50
	51 Propionitrile	54	4.513	4.513	(0.910)	1551706	500.000	570
	52 Benzene	78	4.486	4.486	(0.905)	2925786	50.0000	52
	53 2-Methyl-2-Propenenitrile	41	4.540	4.540	(0.916)	738973	50.0000	49(M)
	54 Isobutyl alcohol	42	4.658	4.658	(0.940)	117430	500.000	450
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	717006	50.0000	53
	56 1,2-Dichloroethane	62	4.706	4.706	(0.949)	1083253	50.0000	53
	59 Methyl Cyclohexane	83	5.134	5.134	(1.036)	688597	50.0000	50
	60 Trichloroethene	130	5.150	5.150	(1.039)	771992	50.0000	53
	61 Isopropyl Acetate	43	5.075	5.075	(1.024)	2627183	100.000	100
	62 n-Butanol	56	5.642	5.642	(1.138)	251702	500.000	580
	63 Dibromomethane	93	5.610	5.610	(1.132)	519267	50.0000	56
	64 1,2-Dichloropropane	63	5.733	5.733	(1.156)	804340	50.0000	52
	65 Bromodichloromethane	83	5.834	5.834	(1.177)	971858	50.0000	55
	66 Methyl Methacrylate	69	6.081	6.081	(1.227)	676202	50.0000	54
	67 1,4-Dioxane	58	6.086	6.086	(1.228)	80355	500.000	510
	68 n-Propyl Acetate	43	6.262	6.262	(1.263)	1092745	100.000	100
	69 2-Chloroethylvinylether	63	6.557	6.557	(1.323)	581053	50.0000	52
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	1275475	50.0000	57
	71 Chloroacetonitrile	48	7.065	7.065	(1.425)	381272	500.000	510
	72 2-Nitropropane	41	7.134	7.134	(1.439)	568756	100.000	100
	73 trans-1,3-Dichloropropene	75	7.391	7.391	(1.491)	1225715	50.0000	51
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	728594	50.0000	55
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	792471	25.0000	
	76 Toluene	91	6.862	6.862	(0.789)	3046763	50.0000	54
$	77 Toluene-d8	98	6.803	6.803	(0.782)	2127447	50.0000	52
	78 1,1-Dichloro-2-propanone	43	7.151	7.151	(0.822)	2840313	250.000	260

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.364	7.364	(0.846)	969193	50.0000	52
80	Tetrachloroethene	164	7.316	7.316	(0.841)	563416	50.0000	50
81	Ethyl Methacrylate	69	7.664	7.664	(0.881)	1177825	50.0000	54
82	Dibromochloromethane	129	7.771	7.771	(0.893)	861241	50.0000	60
83	1,3-Dichloropropane	76	7.894	7.894	(0.907)	1321097	50.0000	54
84	1,2-Dibromoethane	107	8.023	8.023	(0.922)	790497	50.0000	56
85	n-Butyl Acetate	56	8.771	8.771	(1.008)	297636	50.0000	53(M)
86	2-Hexanone	43	8.424	8.424	(0.968)	718583	50.0000	52
87	1-Chlorohexane	91	8.782	8.782	(1.009)	752658	50.0000	66(M)
88	Chlorobenzene	112	8.723	8.723	(1.002)	2083848	50.0000	53
89	1,1,1,2-Tetrachloroethane	131	8.830	8.830	(1.015)	762800	50.0000	56
90	Ethylbenzene	106	8.804	8.804	(1.012)	1042643	50.0000	55
91	Xylene (total)mp	106	9.007	9.007	(1.035)	2559112	100.000	100
92	Xylene (total)o	106	9.510	9.510	(1.093)	1254719	50.0000	57
93	Styrene	104	9.574	9.574	(1.100)	2133122	50.0000	53
94	Bromoform	173	9.558	9.558	(1.098)	627997	50.0000	54
* 95	1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	427851	25.0000	
96	Isopropylbenzene	105	9.863	9.863	(0.887)	2693876	50.0000	51
97	Bromobenzene	156	10.194	10.194	(0.917)	914396	50.0000	56
98	1,1,2,2-Tetrachloroethane	83	10.355	10.355	(0.932)	934546	50.0000	55
99	4-Ethyltoluene	105	10.387	10.387	(0.935)	2666511	50.0000	50
100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	319006	50.0000	53
101	trans-1,4-Dichloro-2-Butene	53	10.510	10.510	(0.946)	461531	100.000	99
102	n-Propylbenzene	91	10.275	10.275	(0.924)	2991369	50.0000	51
103	2-Chlorotoluene	91	10.387	10.387	(0.935)	2269482	50.0000	56
104	4-Chlorotoluene	91	10.548	10.548	(0.949)	2142068	50.0000	56
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	2249300	50.0000	50
106	tert-Butylbenzene	119	10.746	10.746	(0.967)	1816608	50.0000	51
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	2319216	50.0000	51
108	sec-Butylbenzene	105	10.901	10.901	(0.981)	2409614	50.0000	51
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	2146958	50.0000	52
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	1454732	50.0000	56
111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	1525859	50.0000	55
112	1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	1466917	50.0000	56
113	Benzyl Chloride	126	11.339	11.339	(1.020)	412080	50.0000	52
114	1,4-Diethylbenzene	119	11.334	11.334	(1.020)	1178713	50.0000	53
115	n-Butylbenzene	91	11.377	11.377	(1.024)	1845938	50.0000	51
118	1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	2093906	50.0000	54
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	198042	50.0000	57
120	Nitrobenzene	77	12.479	12.479	(1.123)	955764	500.000	660
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	1007927	50.0000	53
122	Hexachlorobutadiene	225	12.564	12.564	(1.130)	416846	50.0000	50
123	Naphthalene	128	12.800	12.800	(1.152)	3284286	50.0000	52
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	997000	50.0000	52
$ 125	Bromofluorobenzene	95	10.120	10.120	(0.910)	759209	50.0000	49
M 126	1,2-Dichloroethene (total)	100				1550834	100.000	110
M 127	Xylene (total)	100				3813831	150.000	160

QC Flag Legend

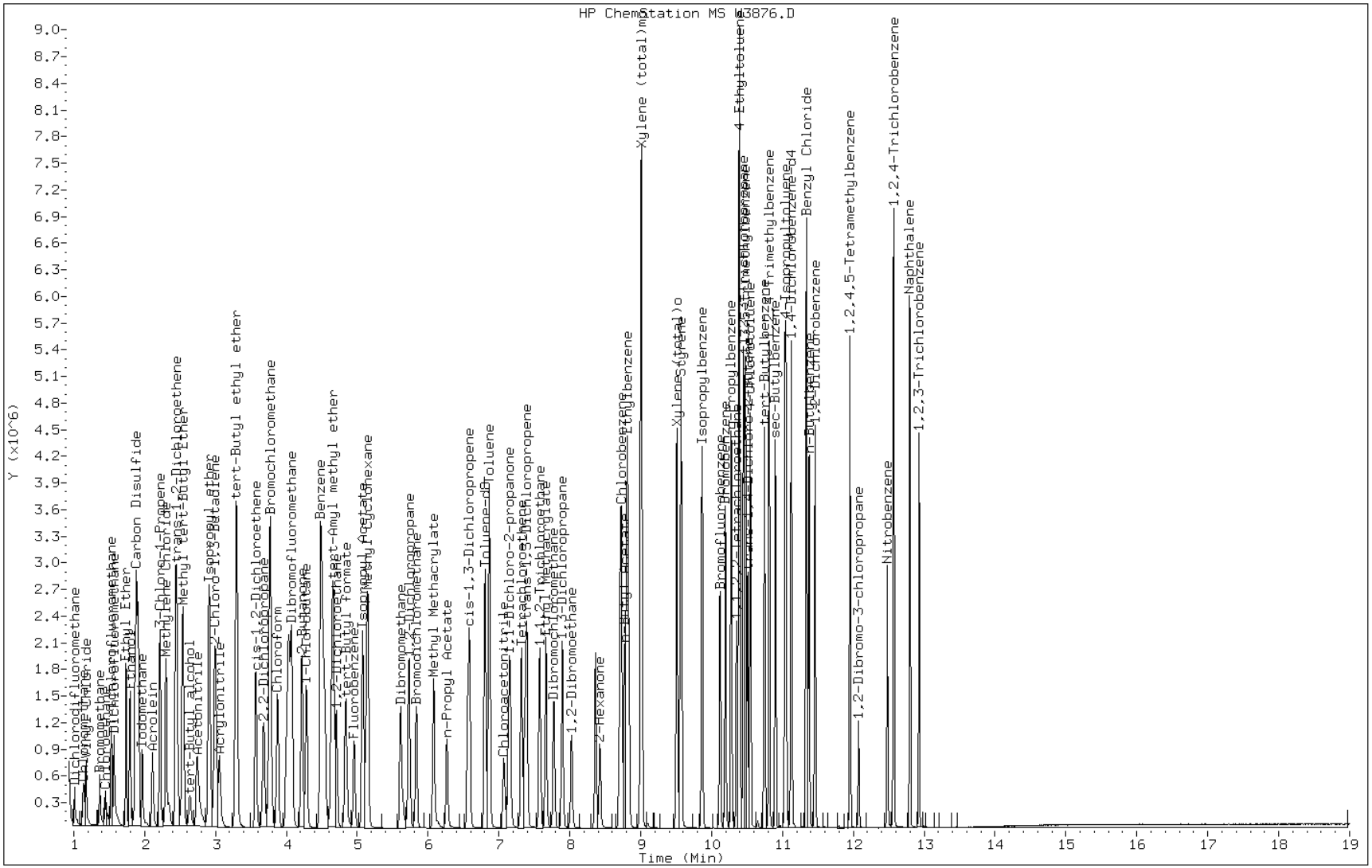
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3876.D

Date: 20-MAR-2009 21:56

Client ID: IC;50 Instrument: msw.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3876.D
Inj. Date and Time: 20-MAR-2009 21:56
Instrument ID: msw.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/23/2009

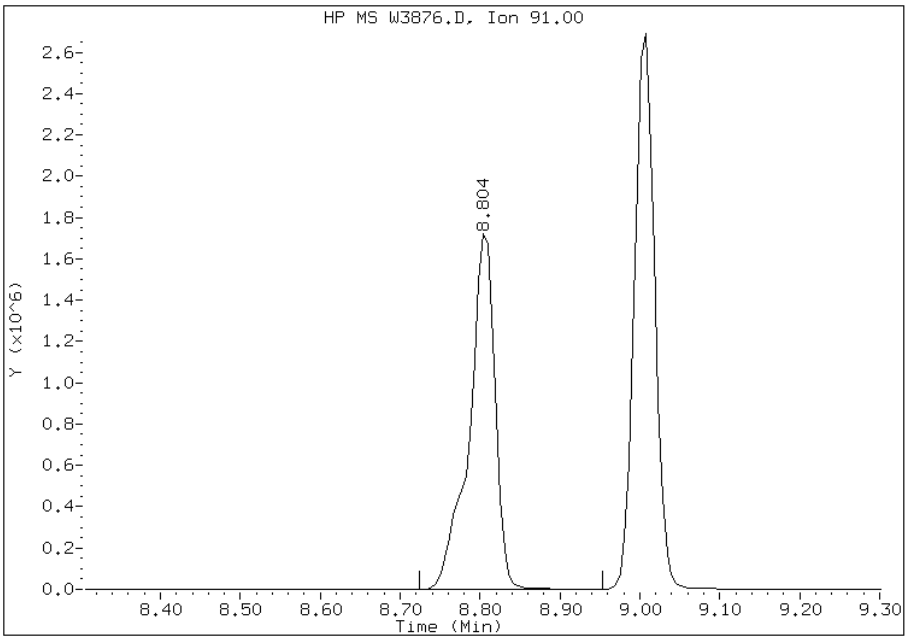
Processing Integration Results

RT: 8.80

Response: 3864527

Amount: 117

Conc: 117



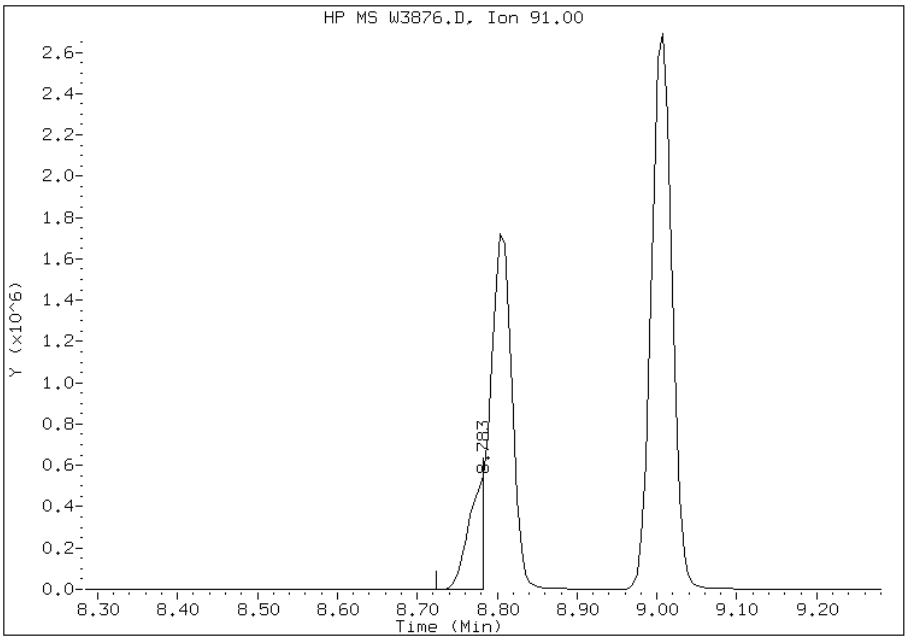
Manual Integration Results

RT: 8.78

Response: 752658

Amount: 66

Conc: 66



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3876.D
Inj. Date and Time: 20-MAR-2009 21:56
Instrument ID: msw.i
Client ID: IC;50
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/23/2009

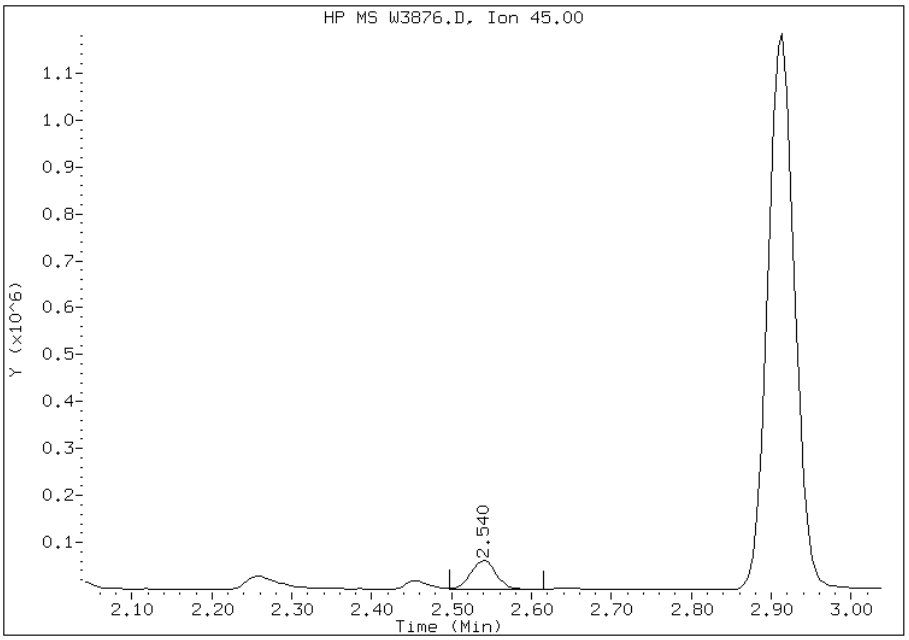
Processing Integration Results

RT: 2.54

Response: 135770

Amount: 56

Conc: 56



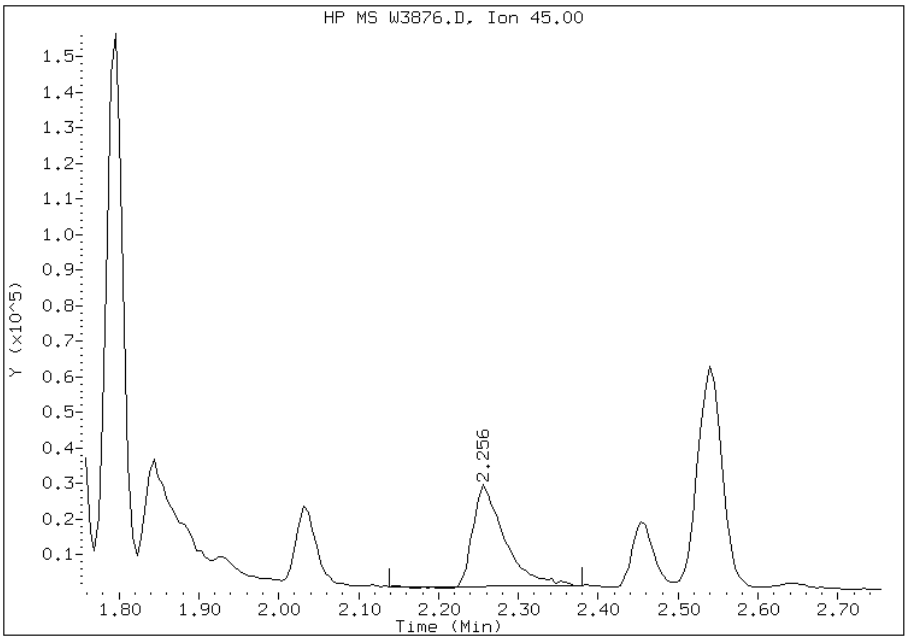
Manual Integration Results

RT: 2.26

Response: 76977

Amount: 49

Conc: 49



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3876.D
Inj. Date and Time: 20-MAR-2009 21:56
Instrument ID: msw.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/23/2009

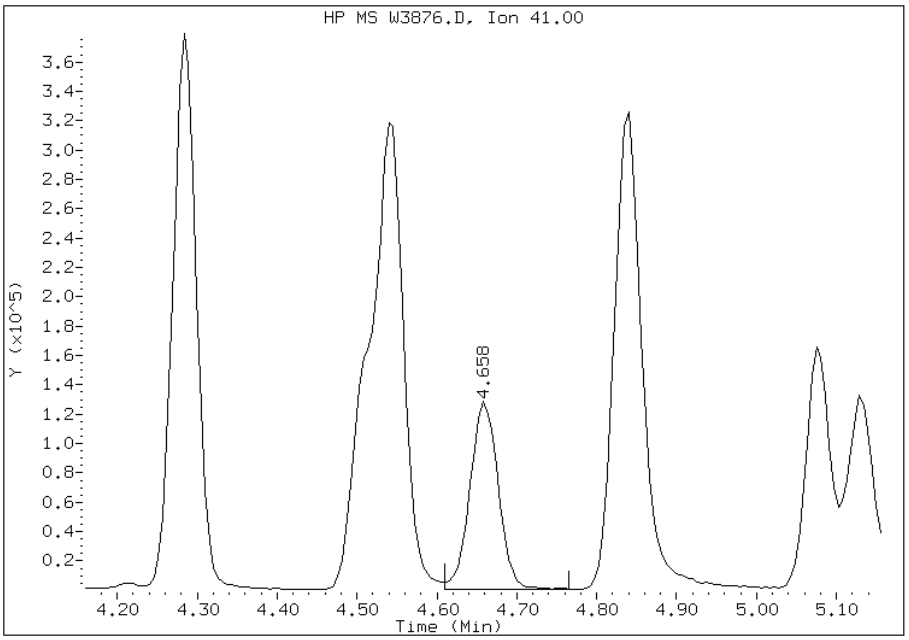
Processing Integration Results

RT: 4.66

Response: 312512

Amount: 27

Conc: 27



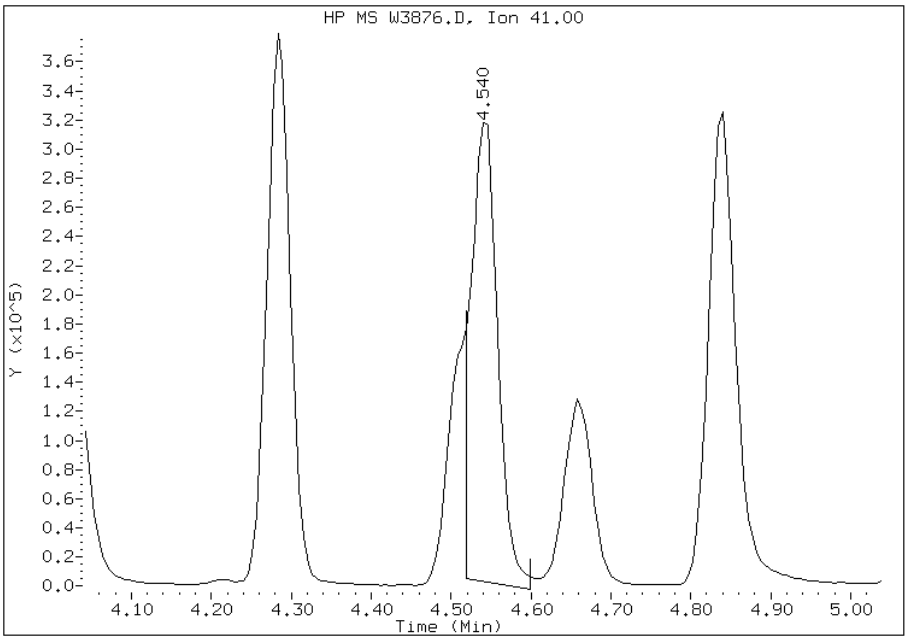
Manual Integration Results

RT: 4.54

Response: 738973

Amount: 49

Conc: 49



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3876.D
Inj. Date and Time: 20-MAR-2009 21:56
Instrument ID: msw.i
Client ID: IC;50
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/23/2009

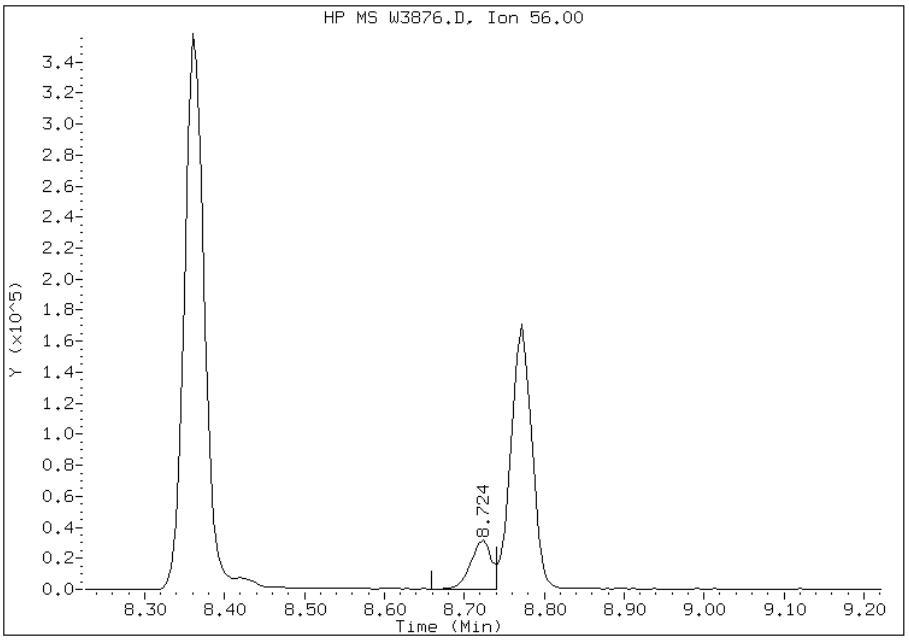
Processing Integration Results

RT: 8.72

Response: 57919

Amount: 14

Conc: 14



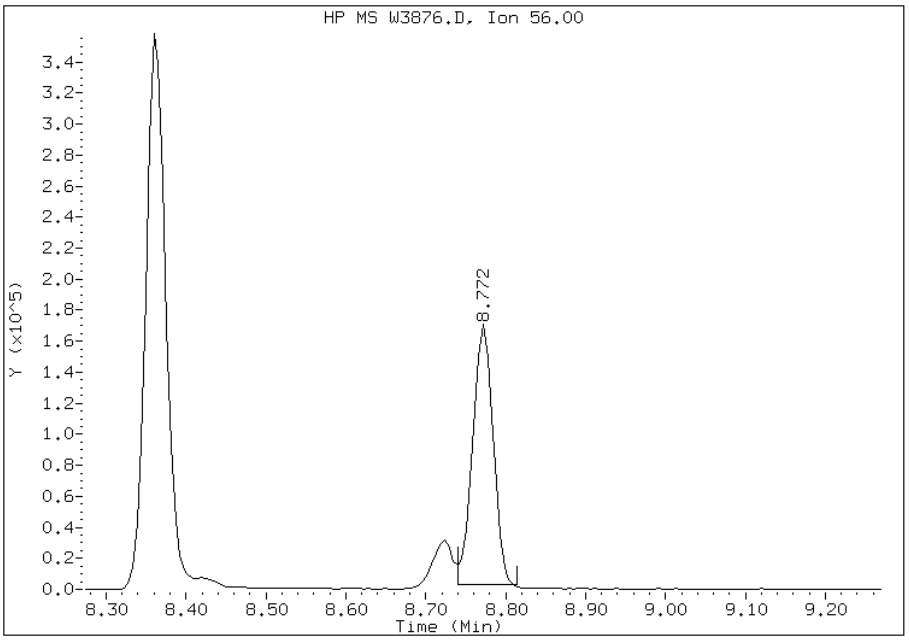
Manual Integration Results

RT: 8.77

Response: 297636

Amount: 53

Conc: 53



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W3877.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 20-MAR-2009 22:22 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093868.b\W8260LOW.M
Meth Date : 21-Mar-2009 14:57 msw.i Quant Type: ISTD
Cal Date : 20-MAR-2009 21:56 Cal File: W3876.D
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	954209	25.0000	
2	Dichlorodifluoromethane	85	1.009	1.009	(0.204)	691185	100.000	97
3	Chloromethane	50	1.143	1.143	(0.231)	1265303	100.000	98
4	Vinyl Chloride	62	1.175	1.175	(0.237)	1041711	100.000	100
5	Bromomethane	94	1.367	1.367	(0.276)	513002	100.000	92
6	Chloroethane	64	1.442	1.442	(0.291)	402898	100.000	83
7	Trichlorofluoromethane	101	1.528	1.528	(0.308)	1149392	100.000	91
8	Dichlorofluoromethane	67	1.565	1.565	(0.316)	1696524	100.000	95
9	Ethyl Ether	45	1.737	1.737	(0.350)	1133547	100.000	100(A)
10	Ethanol	45	1.795	1.795	(0.362)	396948	1000.00	820
11	Freon 141	81	1.795	1.795	(0.362)	1804763	100.000	96
12	Freon 123	67	1.913	1.913	(0.386)	251617	100.000	100(A)
13	Trichlorotrifluoroethane	101	1.897	1.897	(0.383)	839051	100.000	99
14	1,1-Dichloroethene	96	1.865	1.865	(0.376)	1051552	100.000	100(A)
15	Carbon Disulfide	76	1.886	1.886	(0.381)	3875379	100.000	100(A)
16	Iodomethane	142	1.967	1.967	(0.397)	1689268	100.000	100
17	Acrolein	56	2.111	2.111	(0.426)	1532542	500.000	590(A)
18	2-Propanol	45	2.261	2.261	(0.456)	163359	100.000	100(AM)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.448)	2558386	100.000	100(A)
20	Methylene Chloride	84	2.304	2.304	(0.465)	1515511	100.000	100
21	Acetone	43	2.346	2.346	(0.473)	641252	100.000	90
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	1413409	100.000	110(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.453	2.453	(0.495)	5651985	100.000	100(A)
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	5193730	100.000	110(A)
	25 tert-Butyl alcohol	59	2.641	2.641	(0.533)	1148383	500.000	490
	26 Acetonitrile	41	2.742	2.742	(0.553)	3167600	1000.00	1100(A)
	27 Isopropyl ether	45	2.913	2.913	(0.588)	5588197	100.000	110(A)
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	5216660	100.000	110(A)
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.603)	1043895	100.000	100(A)
	30 Acrylonitrile	53	3.058	3.058	(0.617)	1663555	200.000	200(A)
	31 1,1-Dichloroethane	63	3.004	3.004	(0.606)	2722174	100.000	100(A)
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	4797804	100.000	100(A)
	33 cis-1,2-Dichloroethene	96	3.566	3.566	(0.719)	1707084	100.000	110(A)
	34 2,2-Dichloropropane	77	3.679	3.679	(0.742)	1835139	100.000	100(A)
	35 Bromochloromethane	128	3.775	3.775	(0.762)	862154	100.000	100(A)
	36 1-Bromopropane	43	3.759	3.759	(0.758)	2363594	100.000	110(A)
	37 Cyclohexane	84	3.775	3.775	(0.762)	1362564	100.000	99
	38 Chloroform	83	3.876	3.876	(0.782)	2596520	100.000	100(A)
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	1958147	200.000	230(A)
	40 Methyl Acrylate	55	4.037	4.037	(0.814)	1892820	100.000	100(A)
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	1233073	100.000	110(A)
	42 Tetrahydrofuran	42	4.032	4.032	(0.813)	1696729	200.000	220(A)
	43 Carbon Tetrachloride	117	4.005	4.005	(0.808)	1629220	100.000	100(A)
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.823)	1964020	100.000	110(A)
	45 2-Butanone	43	4.213	4.213	(0.850)	928556	100.000	110(A)
	46 1,1-Dichloropropene	75	4.219	4.219	(0.851)	1752862	100.000	100(A)
	47 tert-Amyl methyl ether	73	4.657	4.657	(0.940)	4938647	100.000	110(A)
	48 tert-Butyl formate	57	4.839	4.839	(0.976)	203902	100.000	110(A)
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	2660641	100.000	100
	50 Heptane	43	4.508	4.508	(0.909)	1016283	100.000	95
	51 Propionitrile	54	4.518	4.518	(0.912)	3113584	1000.00	1100(A)
	52 Benzene	78	4.486	4.486	(0.905)	5810698	100.000	100(A)
	53 2-Methyl-2-Propenenitrile	41	4.540	4.540	(0.916)	1511719	100.000	100(AM)
	54 Isobutyl alcohol	42	4.657	4.657	(0.940)	233035	1000.00	910
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	1445479	100.000	100(A)
	56 1,2-Dichloroethane	62	4.706	4.706	(0.949)	2207591	100.000	110(A)
	59 Methyl Cyclohexane	83	5.128	5.128	(1.035)	1351111	100.000	98
	60 Trichloroethene	130	5.150	5.150	(1.039)	1556144	100.000	100(A)
	61 Isopropyl Acetate	43	5.075	5.075	(1.024)	5344087	200.000	200(A)
	62 n-Butanol	56	5.642	5.642	(1.138)	551151	1000.00	1100(A)
	63 Dibromomethane	93	5.610	5.610	(1.132)	1058971	100.000	110(A)
	64 1,2-Dichloropropane	63	5.733	5.733	(1.156)	1626919	100.000	100(A)
	65 Bromodichloromethane	83	5.834	5.834	(1.177)	2007613	100.000	110(A)
	66 Methyl Methacrylate	69	6.081	6.081	(1.227)	1420398	100.000	100(A)
	67 1,4-Dioxane	58	6.081	6.081	(1.227)	162321	1000.00	1000(A)
	68 n-Propyl Acetate	43	6.262	6.262	(1.263)	2271881	200.000	210(A)
	69 2-Chloroethylvinylether	63	6.557	6.557	(1.323)	1200248	100.000	100(A)
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	2597266	100.000	110(A)
	71 Chloroacetonitrile	48	7.070	7.070	(1.426)	798901	1000.00	1000(A)
	72 2-Nitropropane	41	7.134	7.134	(1.439)	1168977	200.000	200(A)
	73 trans-1,3-Dichloropropene	75	7.391	7.391	(1.491)	2511585	100.000	100(A)
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	1480835	100.000	110(A)
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	821036	25.0000	
	76 Toluene	91	6.862	6.862	(0.789)	6211182	100.000	100(A)
$	77 Toluene-d8	98	6.803	6.803	(0.782)	4319525	100.000	100(A)
	78 1,1-Dichloro-2-propanone	43	7.156	7.156	(0.822)	5805245	500.000	490

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.364	7.364	(0.846)	2017013	100.000	100(A)
80	Tetrachloroethene	164	7.316	7.316	(0.841)	1153694	100.000	99
81	Ethyl Methacrylate	69	7.664	7.664	(0.881)	2491828	100.000	100(A)
82	Dibromochloromethane	129	7.776	7.776	(0.894)	1788051	100.000	120(A)
83	1,3-Dichloropropane	76	7.894	7.894	(0.907)	2681840	100.000	100(A)
84	1,2-Dibromoethane	107	8.022	8.022	(0.922)	1615171	100.000	110(A)
85	n-Butyl Acetate	56	8.771	8.771	(1.008)	657548	100.000	110(AM)
86	2-Hexanone	43	8.424	8.424	(0.968)	1480887	100.000	99
87	1-Chlorohexane	91	8.782	8.782	(1.009)	1462733	100.000	94(M)
88	Chlorobenzene	112	8.723	8.723	(1.002)	4238043	100.000	100(A)
89	1,1,1,2-Tetrachloroethane	131	8.830	8.830	(1.015)	1575284	100.000	110(A)
90	Ethylbenzene	106	8.809	8.809	(1.012)	2133470	100.000	110(A)
91	Xylene (total)mp	106	9.007	9.007	(1.035)	5187170	200.000	200
92	Xylene (total)o	106	9.510	9.510	(1.093)	2545086	100.000	110(A)
93	Styrene	104	9.574	9.574	(1.100)	4386794	100.000	99
94	Bromoform	173	9.558	9.558	(1.098)	1332148	100.000	100(A)
* 95	1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	435377	25.0000	
96	Isopropylbenzene	105	9.868	9.868	(0.888)	5410495	100.000	99
97	Bromobenzene	156	10.194	10.194	(0.917)	1851429	100.000	110(A)
98	1,1,2,2-Tetrachloroethane	83	10.355	10.355	(0.932)	1896070	100.000	110(A)
99	4-Ethyltoluene	105	10.392	10.392	(0.935)	5324647	100.000	98
100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	640216	100.000	100(A)
101	trans-1,4-Dichloro-2-Butene	53	10.510	10.510	(0.946)	934047	200.000	200
102	n-Propylbenzene	91	10.280	10.280	(0.925)	5977594	100.000	98
103	2-Chlorotoluene	91	10.392	10.392	(0.935)	4522141	100.000	110(A)
104	4-Chlorotoluene	91	10.548	10.548	(0.949)	4279059	100.000	110(A)
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	4482302	100.000	98
106	tert-Butylbenzene	119	10.745	10.745	(0.967)	3639057	100.000	98
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	4665874	100.000	99
108	sec-Butylbenzene	105	10.901	10.901	(0.981)	4787258	100.000	97
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	4329090	100.000	99
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	2965875	100.000	110(A)
111	1,4-Dichlorobenzene	146	11.131	11.131	(1.001)	3081572	100.000	110(A)
112	1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	3005683	100.000	110(A)
113	Benzyl Chloride	126	11.339	11.339	(1.020)	853343	100.000	100(A)
114	1,4-Diethylbenzene	119	11.334	11.334	(1.020)	2404693	100.000	100(A)
115	n-Butylbenzene	91	11.377	11.377	(1.024)	3721048	100.000	99
118	1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	4403331	100.000	100(A)
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	423291	100.000	120(A)
120	Nitrobenzene	77	12.479	12.479	(1.123)	2243500	1000.00	1100(A)
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	2091899	100.000	100(A)
122	Hexachlorobutadiene	225	12.564	12.564	(1.130)	859334	100.000	100(A)
123	Naphthalene	128	12.800	12.800	(1.152)	6675803	100.000	100
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	2059638	100.000	100(A)
$ 125	Bromofluorobenzene	95	10.120	10.120	(0.910)	1539598	100.000	98
M 126	1,2-Dichloroethene (total)	100				3120493	200.000	210
M 127	Xylene (total)	100				7732256	300.000	300

QC Flag Legend

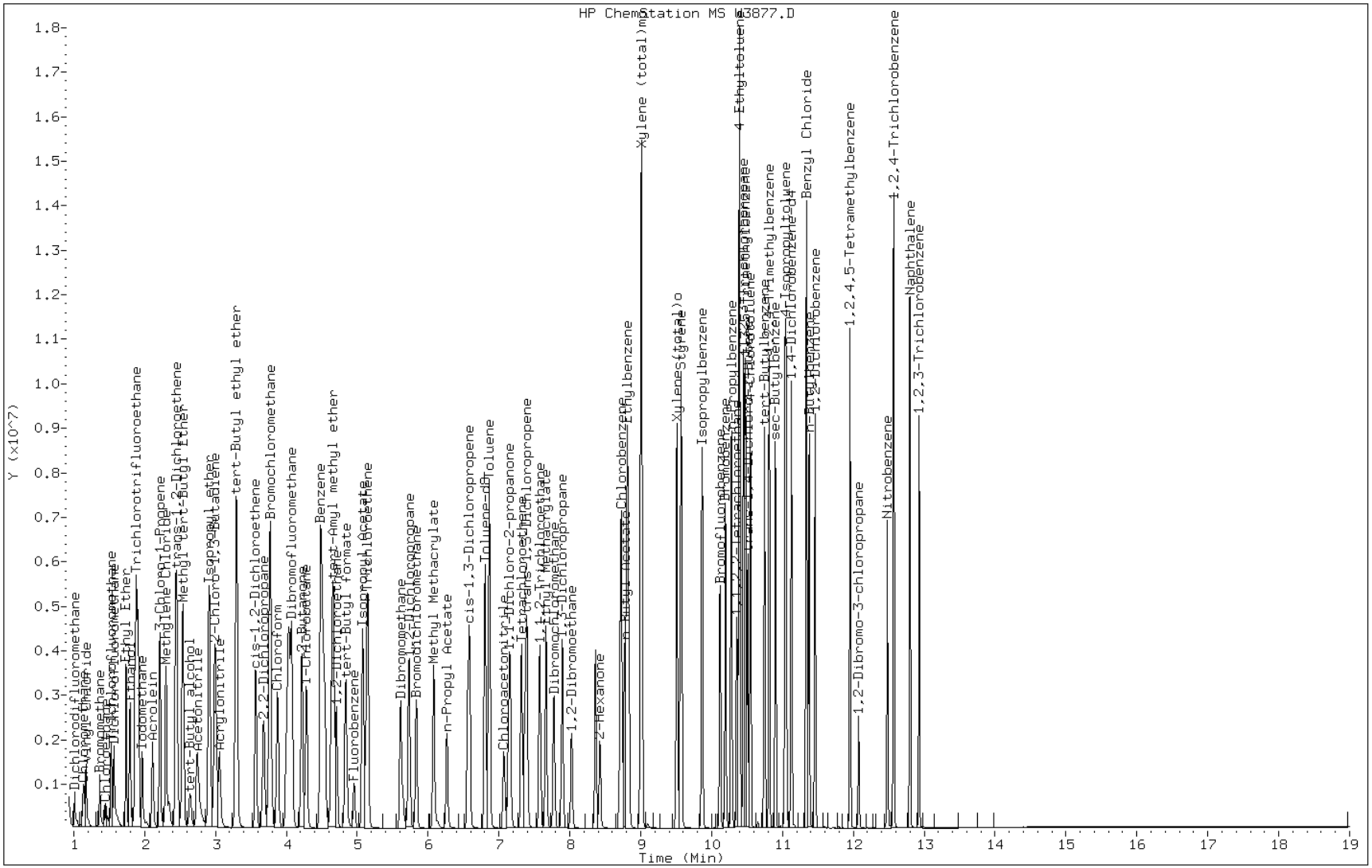
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: W3877.D

Date: 20-MAR-2009 22:22

Client ID: IC;100 Instrument: msw.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3877.D
Inj. Date and Time: 20-MAR-2009 22:22
Instrument ID: msw.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/23/2009

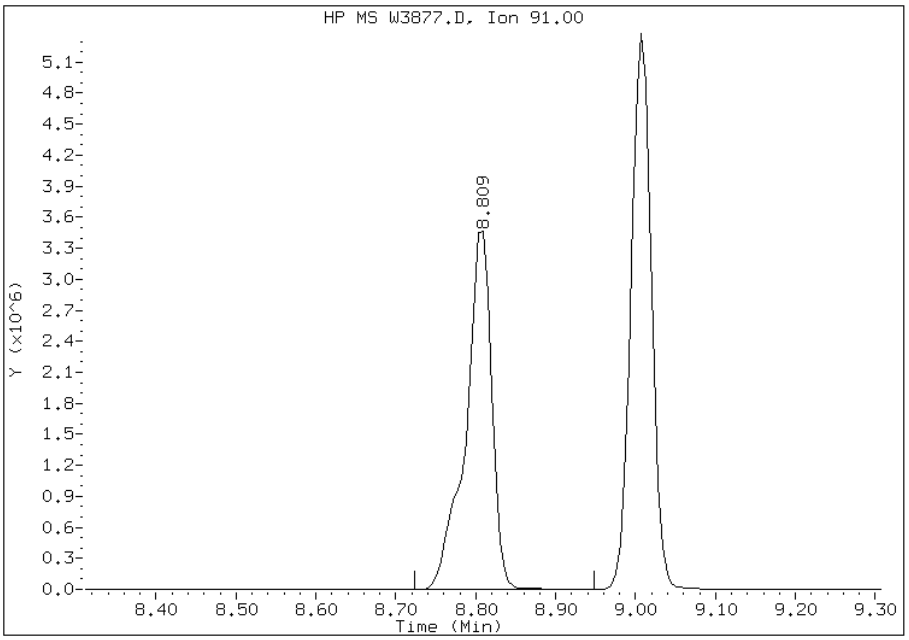
Processing Integration Results

RT: 8.81

Response: 7858174

Amount: 336

Conc: 336



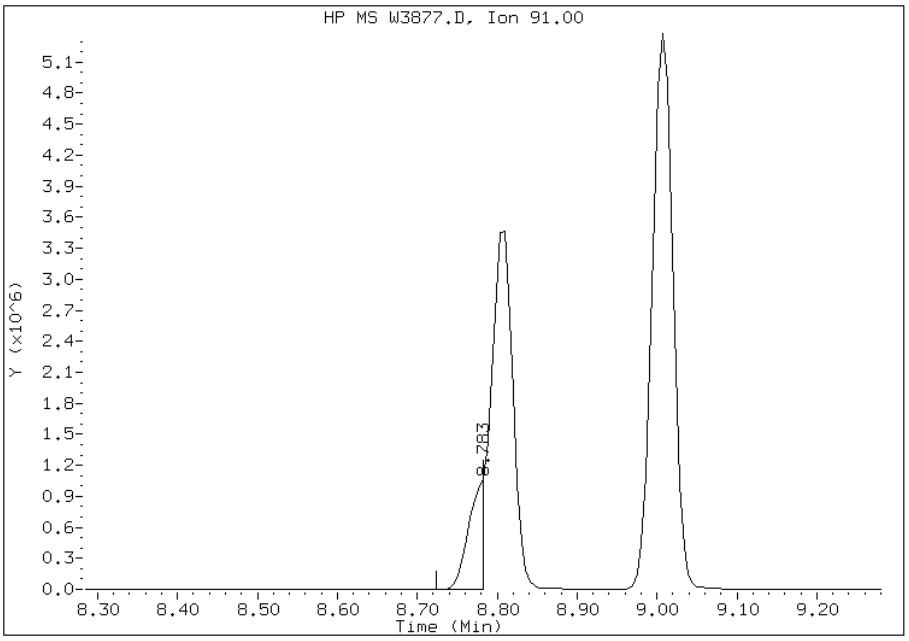
Manual Integration Results

RT: 8.78

Response: 1462733

Amount: 94

Conc: 94



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3877.D
Inj. Date and Time: 20-MAR-2009 22:22
Instrument ID: msw.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/23/2009

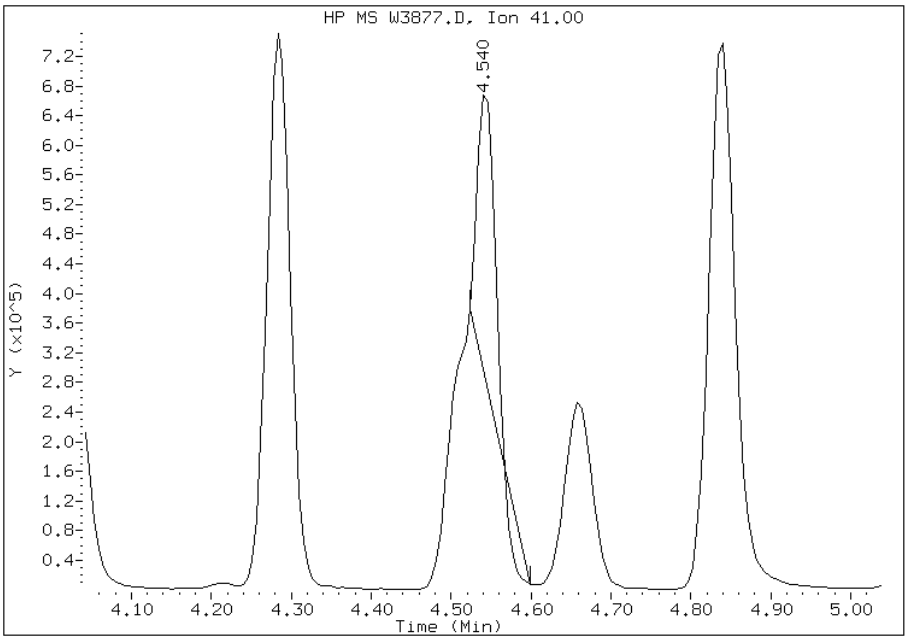
Processing Integration Results

RT: 4.54

Response: 478600

Amount: 40

Conc: 40



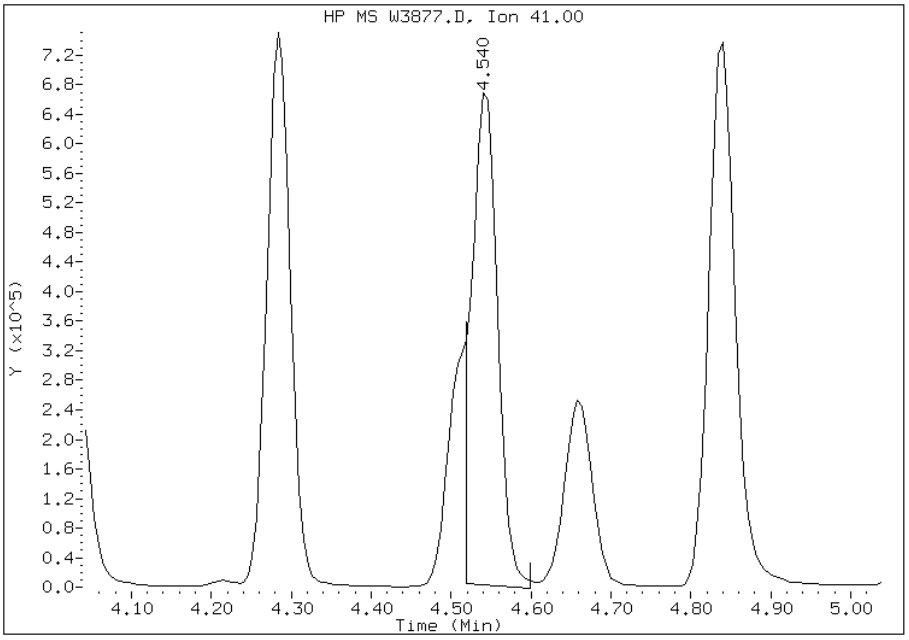
Manual Integration Results

RT: 4.54

Response: 1511719

Amount: 101

Conc: 101



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3877.D
Inj. Date and Time: 20-MAR-2009 22:22
Instrument ID: msw.i
Client ID: IC;100
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 03/23/2009

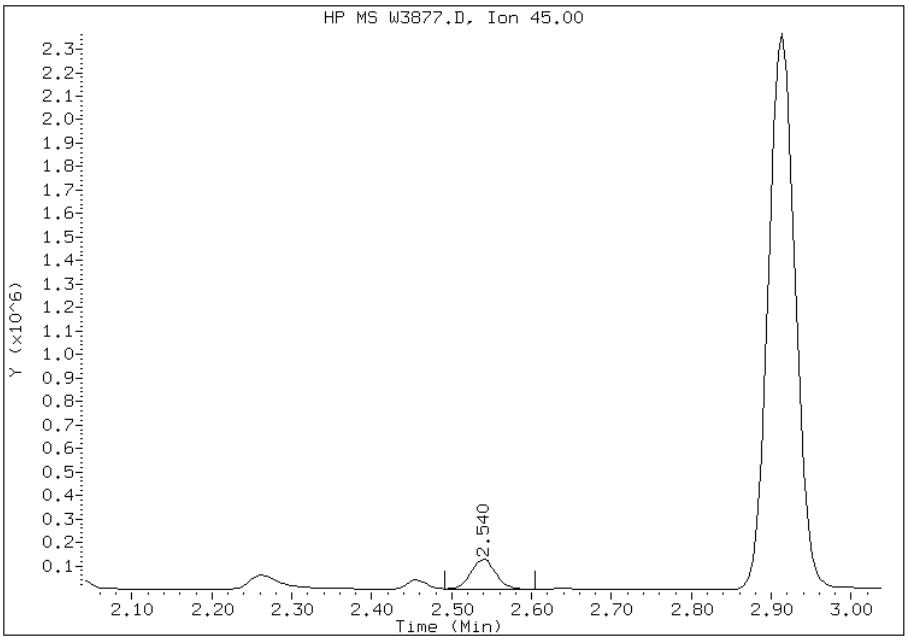
Processing Integration Results

RT: 2.54

Response: 274419

Amount: 113

Conc: 113



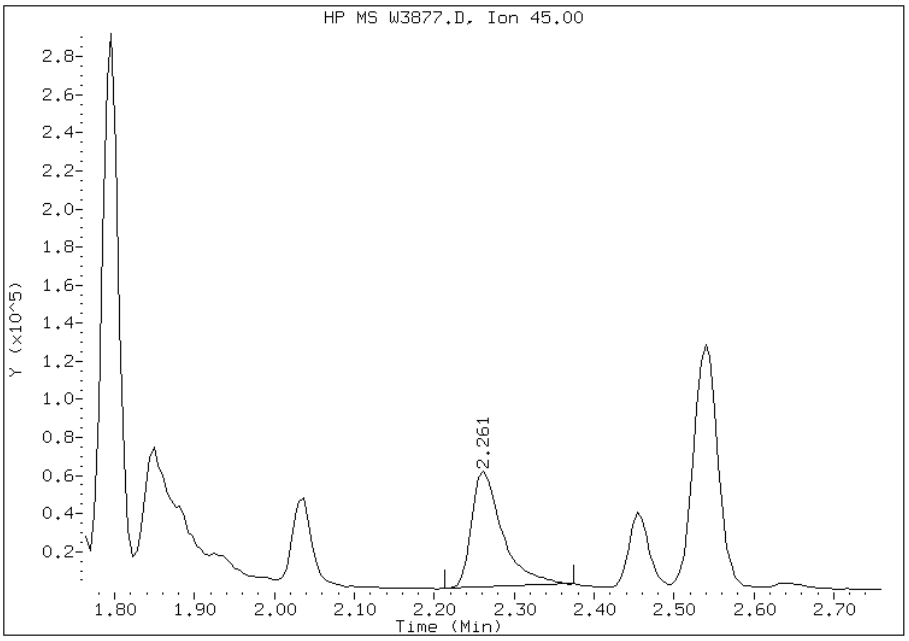
Manual Integration Results

RT: 2.26

Response: 163359

Amount: 103

Conc: 103



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3877.D
Inj. Date and Time: 20-MAR-2009 22:22
Instrument ID: msw.i
Client ID: IC;100
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/23/2009

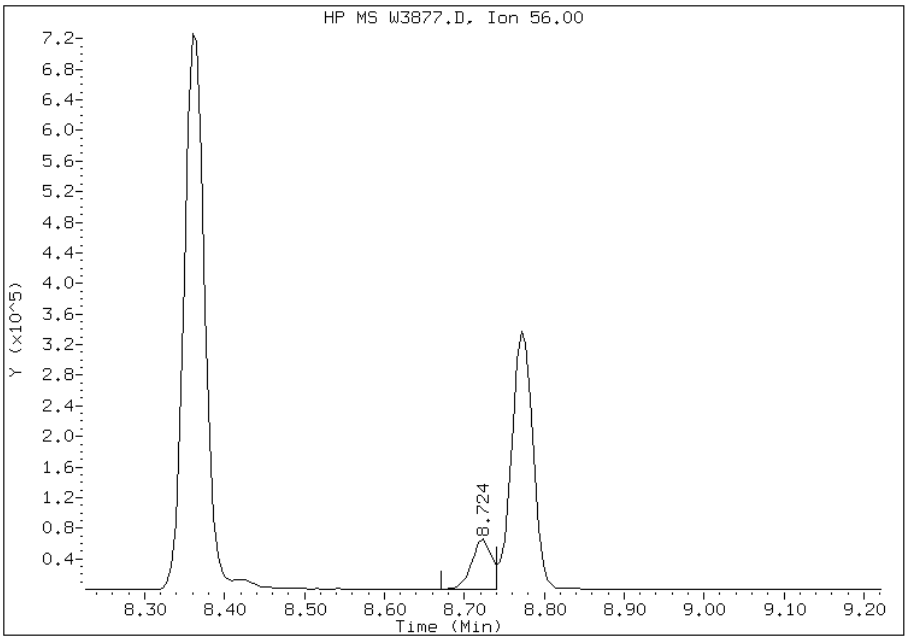
Processing Integration Results

RT: 8.72

Response: 115011

Amount: 23

Conc: 23



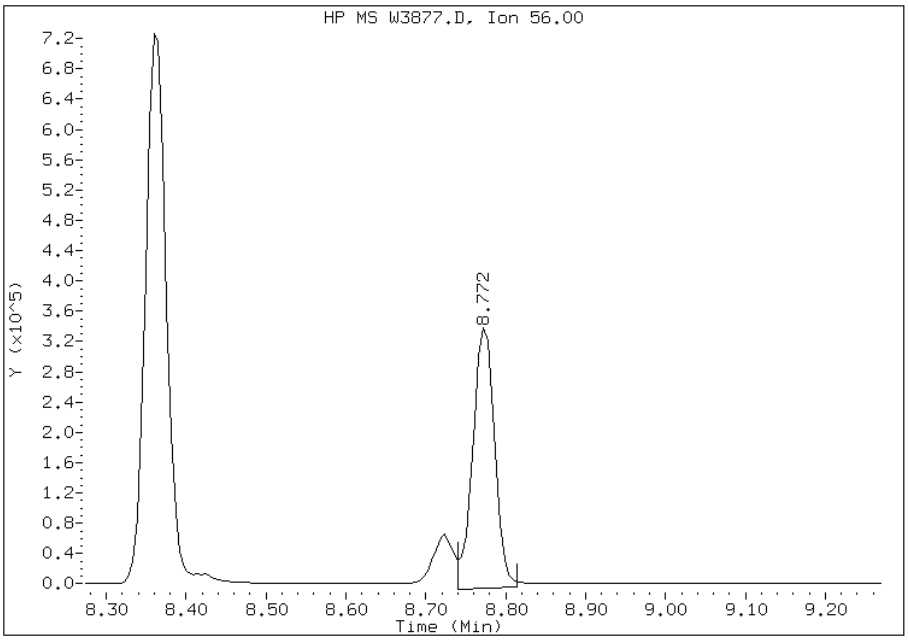
Manual Integration Results

RT: 8.77

Response: 657548

Amount: 112

Conc: 112



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25476/1 Calibration Date: 03/23/2009 19:19

Instrument ID: MSL Calib Start Date: 03/19/2009 14:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/19/2009 17:20

Lab File ID: L3580.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
tert-Butyl Formate	Ave		0.0000		5.00	50.0		30.0
Dichlorodifluoromethane	Lin	0.1605	0.1857		54.0	50.0	7.5	30.0
Chloromethane	Ave	0.2186	0.2479	0.1000	57.0	50.0	13.4	30.0
Vinyl chloride	Ave	0.2025	0.2154		53.0	50.0	6.4	20.0
Bromomethane	Lin	0.1287	0.1112		44.0	50.0	-12.1	30.0
Chloroethane	Ave	0.1442	0.1391		48.0	50.0	-3.5	30.0
Trichlorofluoromethane	Lin	0.3304	0.2747		39.0	50.0	-21.8	30.0
Dichlorofluoromethane	Ave	0.5026	0.4794		48.0	50.0	-4.6	30.0
Ethyl ether	Ave	0.1532	0.1489		49.0	50.0	-2.8	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.3937	0.3780		48.0	50.0	-4.0	30.0
Ethanol	Lin	0.0101	0.0096		440	500	-12.6	30.0
1,1-Dichloroethene	Ave	0.1777	0.1782		50.0	50.0	0.3	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.0661	0.0586		44.0	50.0	-11.4	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Lin	0.1758	0.1670		45.0	50.0	-10.6	30.0
Carbon disulfide	Ave	0.7037	0.7202		51.0	50.0	2.3	30.0
Iodomethane	Lin	0.2672	0.2291		39.0	50.0	-22.9	30.0
Isopropyl alcohol	Lin	0.0106	0.0239		98.0	50.0	95.7*	30.0
Acrolein	Ave	0.0332	0.0403		300	250	21.4	30.0
3-Chloro-1-propene	Ave	0.3934	0.4219		54.0	50.0	7.2	30.0
Methylene Chloride	Lin	0.3229	0.2950		51.0	50.0	1.7	30.0
Acetone	Ave	0.0760	0.0788		52.0	50.0	3.7	30.0
trans-1,2-Dichloroethene	Ave	0.2496	0.2587		52.0	50.0	3.6	30.0
Methyl acetate	Ave	0.7673	0.7685		50.0	50.0	0.1	30.0
Methyl tert-butyl ether	Ave	0.8898	0.8606		48.0	50.0	-3.3	30.0
2-Methyl-2-propanol	Ave	0.0246	0.0255		260	250	3.7	30.0
Acetonitrile	Ave	0.0455	0.0492		540	500	7.9	30.0
Isopropyl ether	Ave	1.023	1.067		52.0	50.0	4.3	30.0
2-Chloro-1,3-butadiene	Lin	0.1852	0.1796		46.0	50.0	-7.2	30.0
1,1-Dichloroethane	Ave	0.5235	0.5127	0.1000	49.0	50.0	-2.1	30.0
Acrylonitrile	Ave	0.1034	0.1063		100	100	2.7	30.0
Tert-butyl ethyl ether	Ave	1.094	1.037		47.0	50.0	-5.2	30.0
Vinyl acetate	Ave	0.8779	0.8663		49.0	50.0	-1.3	30.0
cis-1,2-Dichloroethene	Ave	0.3029	0.2972		49.0	50.0	-1.9	30.0
2,2-Dichloropropane	Ave	0.4550	0.4298		47.0	50.0	-5.5	30.0
1-Bromopropane	Ave	0.3948	0.3723		47.0	50.0	-5.7	30.0
Chlorobromomethane	Ave	0.1660	0.1549		47.0	50.0	-6.7	30.0
Cyclohexane	Ave	0.2166	0.2059		48.0	50.0	-4.9	30.0
Chloroform	Ave	0.5907	0.5336		45.0	50.0	-9.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25476/1 Calibration Date: 03/23/2009 19:19

Instrument ID: MSL Calib Start Date: 03/19/2009 14:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/19/2009 17:20

Lab File ID: L3580.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Carbon tetrachloride	Lin	0.3311	0.2888		41.0	50.0	-18.4	30.0
Ethyl acetate	Ave	0.1535	0.1496		97.0	100	-2.5	30.0
Methyl acrylate	Ave	0.2919	0.2886		49.0	50.0	-1.1	30.0
Tetrahydrofuran	Ave	0.1027	0.1038		100	100	1.0	30.0
1,1,1-Trichloroethane	Ave	0.4356	0.3852		44.0	50.0	-11.6	30.0
1,1-Dichloropropene	Lin	0.3804	0.3585		45.0	50.0	-10.8	30.0
2-Butanone (MEK)	Ave	0.1198	0.1251		52.0	50.0	4.4	30.0
1-Chlorobutane	Ave	0.5336	0.5231		49.0	50.0	-2.0	30.0
n-Heptane	Qua	0.2603	0.2096		29.0	50.0	-42.8*	30.0
Benzene	Ave	0.9595	0.9563		50.0	50.0	-0.3	30.0
Methacrylonitrile	Ave	0.2182	0.2087		48.0	50.0	-4.4	30.0
Propionitrile	Ave	0.0359	0.0368		510	500	2.3	30.0
Isobutyl alcohol	Ave	0.0039	0.0039		500	500	-0.7	30.0
Tert-amyl methyl ether	Ave	0.8822	0.8401		48.0	50.0	-4.8	30.0
1,2-Dichloroethane	Ave	0.5192	0.4426		43.0	50.0	-14.8	30.0
Isopropyl acetate	Ave	0.4633	0.4528		98.0	100	-2.3	30.0
Methylcyclohexane	Ave	0.2132	0.1957		46.0	50.0	-8.2	30.0
Trichloroethene	Ave	0.2511	0.2357		47.0	50.0	-6.1	30.0
Dibromomethane	Ave	0.2254	0.2138		47.0	50.0	-5.2	30.0
n-Butanol	Qua	0.0045	0.0058		410	500	-18.7	30.0
1,2-Dichloropropane	Ave	0.2822	0.2800		50.0	50.0	-0.8	20.0
Dichlorobromomethane	Ave	0.4571	0.4049		44.0	50.0	-11.4	30.0
Methyl methacrylate	Ave	0.2168	0.2204		51.0	50.0	1.7	30.0
1,4-Dioxane	Qua	0.0015	0.0008		140	500	-72.0*	30.0
n-Propyl acetate	Ave	0.1835	0.1826		99.0	100	-0.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1755	0.1870		53.0	50.0	6.6	30.0
cis-1,3-Dichloropropene	Ave	0.5110	0.4914		48.0	50.0	-3.8	30.0
Toluene	Ave	1.199	1.145		48.0	50.0	-4.5	20.0
Chloroacetonitrile	Ave	0.0089	0.0097		540	500	8.6	30.0
2-Nitropropane	Ave	0.1037	0.0904		87.0	100	-12.8	30.0
1,1-Dichloroacetone	Ave	0.2147	0.2177		250	250	1.4	30.0
Tetrachloroethene	Ave	0.1895	0.1709		45.0	50.0	-9.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4018	0.3819		48.0	50.0	-5.0	30.0
trans-1,3-Dichloropropene	Ave	0.5249	0.4812		46.0	50.0	-8.3	30.0
1,1,2-Trichloroethane	Ave	0.2547	0.2477		49.0	50.0	-2.8	30.0
Ethyl methacrylate	Ave	0.5173	0.5036		49.0	50.0	-2.6	30.0
Chlorodibromomethane	Ave	0.4281	0.3853		45.0	50.0	-10.0	30.0
1,3-Dichloropropane	Ave	0.6222	0.5765		46.0	50.0	-7.3	30.0
Ethylene Dibromide	Ave	0.3880	0.3613		47.0	50.0	-6.9	30.0
n-Butyl acetate	Ave	0.2195	0.2336		53.0	50.0	6.4	30.0
2-Hexanone	Ave	0.2719	0.2615		48.0	50.0	-3.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25476/1 Calibration Date: 03/23/2009 19:19

Instrument ID: MSL Calib Start Date: 03/19/2009 14:50

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/19/2009 17:20

Lab File ID: L3580.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Chlorobenzene	Ave	0.7928	0.7405	0.3000	47.0	50.0	-6.6	30.0
1-Chlorohexane	Qua	0.3209	0.2530		37.0	50.0	-26.6	30.0
Ethylbenzene	Ave	0.3397	0.3109		46.0	50.0	-8.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3195	0.2815		44.0	50.0	-11.9	30.0
m-Xylene & p-Xylene	Ave	0.4107	0.3742		91.0	100	-8.9	30.0
o-Xylene	Ave	0.4197	0.3816		45.0	50.0	-9.1	30.0
Bromoform	Ave	0.2609	0.2371	0.1000	45.0	50.0	-9.1	30.0
Styrene	Ave	0.7680	0.7129		46.0	50.0	-7.2	30.0
Isopropylbenzene	Ave	2.216	2.088		47.0	50.0	-5.8	30.0
Bromobenzene	Ave	0.8142	0.7478		46.0	50.0	-8.2	30.0
N-Propylbenzene	Ave	2.746	2.508		46.0	50.0	-8.7	30.0
1,1,2,2-Tetrachloroethane	Ave	1.047	1.045	0.3000	50.0	50.0	-0.2	30.0
4-Ethyltoluene	Ave	2.175	1.951		45.0	50.0	-10.3	30.0
2-Chlorotoluene	Ave	2.252	2.072		46.0	50.0	-8.0	30.0
1,2,3-Trichloropropane	Ave	0.3178	0.2897		46.0	50.0	-8.8	30.0
1,3,5-Trimethylbenzene	Ave	1.842	1.618		44.0	50.0	-12.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2674	0.2484		93.0	100	-7.1	30.0
4-Chlorotoluene	Ave	2.202	1.962		45.0	50.0	-10.9	30.0
tert-Butylbenzene	Ave	1.426	1.207		42.0	50.0	-15.4	30.0
1,2,4-Trimethylbenzene	Ave	1.920	1.654		43.0	50.0	-13.8	30.0
sec-Butylbenzene	Ave	2.134	1.766		41.0	50.0	-17.2	30.0
4-Isopropyltoluene	Ave	1.744	1.438		41.0	50.0	-17.5	30.0
1,3-Dichlorobenzene	Ave	1.165	1.014		44.0	50.0	-12.9	30.0
1,4-Dichlorobenzene	Ave	1.219	1.090		45.0	50.0	-10.6	30.0
p-Diethylbenzene	Ave	0.3082	0.2546		41.0	50.0	-17.4	30.0
Benzyl chloride	Ave	0.3254	0.3366		52.0	50.0	3.4	30.0
n-Butylbenzene	Ave	2.002	1.665		42.0	50.0	-16.9	30.0
1,2-Dichlorobenzene	Ave	1.161	1.026		44.0	50.0	-11.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	0.5382	0.3997		37.0	50.0	-25.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2062	0.1781		43.0	50.0	-13.6	30.0
Nitrobenzene	Ave	0.0580	0.0456		390	500	-21.4	30.0
Hexachlorobutadiene	Lin	0.3308	0.1733		31.0	50.0	-38.2*	30.0
1,2,4-Trichlorobenzene	Ave	0.6317	0.4632		37.0	50.0	-26.7	30.0
Naphthalene	Ave	1.636	1.293		40.0	50.0	-21.0	30.0
1,2,3-Trichlorobenzene	Ave	0.5845	0.4070		35.0	50.0	-30.4*	30.0
Dibromofluoromethane	Ave	0.2043	0.1648		20.0	25.0	-19.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2679	0.1940		18.0	25.0	-27.6	30.0
Toluene-d8 (Surr)	Ave	0.6371	0.5287		21.0	25.0	-17.0	30.0
4-Bromofluorobenzene	Ave	0.6447	0.5025		19.0	25.0	-22.1	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3580.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 23-MAR-2009 19:19 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : CCVIS
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.351	4.351	(1.000)	907638	25.0000	
2	Dichlorodifluoromethane	85	1.008	1.008	(0.232)	337006	50.0000	54
3	Chloromethane	50	1.107	1.107	(0.255)	449920	50.0000	57
4	Vinyl Chloride	62	1.137	1.137	(0.261)	391074	50.0000	53
5	Bromomethane	94	1.294	1.294	(0.298)	201934	50.0000	44
6	Chloroethane	64	1.354	1.354	(0.311)	252489	50.0000	48
7	Trichlorofluoromethane	101	1.413	1.413	(0.325)	498628	50.0000	39
8	Dichlorofluoromethane	67	1.432	1.432	(0.329)	870253	50.0000	48
9	Ethyl Ether	45	1.561	1.561	(0.359)	270316	50.0000	48
10	Ethanol	45	1.610	1.610	(0.370)	173342	500.000	440
11	Freon 141	81	1.610	1.610	(0.370)	686122	50.0000	48
12	Freon 123	67	1.679	1.679	(0.386)	106322	50.0000	44
13	Trichlorotrifluoroethane	101	1.679	1.679	(0.386)	303122	50.0000	45
14	1,1-Dichloroethene	96	1.669	1.669	(0.384)	323405	50.0000	50
15	Carbon Disulfide	76	1.699	1.699	(0.390)	1307397	50.0000	51
16	Iodomethane	142	1.758	1.758	(0.404)	415799	50.0000	38
17	Acrolein	56	1.856	1.856	(0.427)	365648	250.000	300
18	2-Propanol	45	1.787	1.787	(0.411)	43403	50.0000	98
19	3-Chloro-1-Propene	41	1.925	1.925	(0.443)	765822	50.0000	54
20	Methylene Chloride	84	1.984	1.984	(0.456)	535505	50.0000	51
21	Acetone	43	2.044	2.044	(0.470)	143082	50.0000	52
22	trans-1,2-Dichloroethene	96	2.083	2.083	(0.479)	469587	50.0000	52
23	Methyl Acetate	43	2.093	2.093	(0.481)	1394951	50.0000	50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.152	2.152	(0.495)	1562158	50.0000	48
	25 tert-Butyl alcohol	59	2.251	2.251	(0.517)	231688	250.000	260
	26 Acetonitrile	41	2.399	2.399	(0.551)	892352	500.000	540
	27 Isopropyl ether	45	2.399	2.399	(0.551)	1937255	50.0000	52
	28 tert-Butyl ethyl ether	59	2.675	2.675	(0.615)	1882516	50.0000	47
	29 2-Chloro-1,3-Butadiene	88	2.477	2.477	(0.569)	326019	50.0000	46
	30 Acrylonitrile	53	2.556	2.556	(0.588)	385757	100.000	100
	31 1,1-Dichloroethane	63	2.497	2.497	(0.574)	930680	50.0000	49
	32 Vinyl Acetate	43	2.684	2.684	(0.617)	1572509	50.0000	49
	33 cis-1,2-Dichloroethene	96	2.941	2.941	(0.676)	539473	50.0000	49
	34 2,2-Dichloropropane	77	3.029	3.029	(0.696)	780246	50.0000	47
	35 Bromochloromethane	128	3.118	3.118	(0.717)	281221	50.0000	47
	36 1-Bromopropane	43	3.108	3.108	(0.715)	675819	50.0000	47
	37 Cyclohexane	84	3.118	3.118	(0.717)	373818	50.0000	48
	38 Chloroform	83	3.187	3.187	(0.733)	968654	50.0000	45
	39 Ethyl Acetate	43	3.315	3.315	(0.762)	543257	100.000	97
	40 Methyl Acrylate	55	3.325	3.325	(0.764)	523892	50.0000	49
$	41 Dibromofluoromethane	111	3.375	3.375	(0.776)	149564	50.0000	20
	42 Tetrahydrofuran	42	3.355	3.355	(0.771)	376783	100.000	100
	43 Carbon Tetrachloride	117	3.315	3.315	(0.762)	524199	50.0000	41
	44 1,1,1-Trichloroethane	97	3.394	3.394	(0.780)	699204	50.0000	44
	45 2-Butanone	43	3.532	3.532	(0.812)	227018	50.0000	52
	46 1,1-Dichloropropene	75	3.522	3.522	(0.810)	650849	50.0000	45
	47 tert-Amyl methyl ether	73	3.976	3.976	(0.914)	1525089	50.0000	48
	49 1-Chlorobutane	56	3.591	3.591	(0.826)	949526	50.0000	49
	50 Heptane	43	3.779	3.779	(0.869)	380460	50.0000	29
	51 Propionitrile	54	3.887	3.887	(0.894)	667213	500.000	510
	52 Benzene	78	3.818	3.818	(0.878)	1735913	50.0000	50
	53 2-Methyl-2-Propenenitrile	41	3.887	3.887	(0.894)	378784	50.0000	48
	54 Isobutyl alcohol	42	3.976	3.976	(0.914)	69879	500.000	500
$	55 1,2-Dichloroethane-d4	65	3.986	3.986	(0.916)	176116	50.0000	18
	56 1,2-Dichloroethane	62	4.075	4.075	(0.937)	803346	50.0000	43
	59 Methyl Cyclohexane	83	4.528	4.528	(1.041)	355204	50.0000	46
	60 Trichloroethene	130	4.548	4.548	(1.045)	427921	50.0000	47
	61 Isopropyl Acetate	43	4.439	4.439	(1.020)	1643802	100.000	98
	62 N-Butanol	56	5.070	5.070	(1.165)	105804	500.000	410
	63 Dibromomethane	93	5.031	5.031	(1.156)	388059	50.0000	47
	64 1,2-Dichloropropane	63	5.149	5.149	(1.184)	508352	50.0000	50
	65 Bromodichloromethane	83	5.238	5.238	(1.204)	735029	50.0000	44
	66 Methyl Methacrylate	69	5.455	5.455	(1.254)	400121	50.0000	51
	67 1,4-Dioxane	58	5.622	5.622	(1.292)	13971	500.000	140
	68 N-Propyl Acetate	43	5.622	5.622	(1.292)	662916	100.000	99
	69 2-Chloroethylvinylether	63	5.889	5.889	(1.353)	339486	50.0000	53
	70 cis-1,3-Dichloropropene	75	5.918	5.918	(1.360)	892059	50.0000	48
	71 Chloroacetonitrile	48	6.342	6.342	(1.458)	175890	500.000	540
	72 2-Nitropropane	41	6.391	6.391	(1.469)	328306	100.000	87
	73 trans-1,3-Dichloropropene	75	6.579	6.579	(1.512)	873441	50.0000	46
	74 1,1,2-Trichloroethane	97	6.727	6.727	(1.546)	449601	50.0000	49
*	75 Chlorobenzene-d5	117	7.564	7.564	(1.000)	733225	25.0000	
	76 Toluene	91	6.155	6.155	(0.814)	1679009	50.0000	48
$	77 Toluene-d8	98	6.096	6.096	(0.806)	387684	50.0000	21
	78 1,1-Dichloro-2-propanone	43	6.401	6.401	(0.846)	1596098	250.000	250
	79 4-Methyl-2-Pentanone	43	6.559	6.559	(0.867)	560059	50.0000	48
	80 Tetrachloroethene	164	6.519	6.519	(0.862)	250549	50.0000	45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
81	Ethyl Methacrylate	69	6.776	6.776	(0.896)	738568	50.0000	49
82	Dibromochloromethane	129	6.884	6.884	(0.910)	564988	50.0000	45
83	1,3-Dichloropropane	76	6.973	6.973	(0.922)	845365	50.0000	46
84	1,2-Dibromoethane	107	7.081	7.081	(0.936)	529799	50.0000	46
85	n-Butyl Acetate	56	7.288	7.288	(0.964)	342509	50.0000	53
86	2-Hexanone	43	7.357	7.357	(0.973)	383524	50.0000	48
87	1-Chlorohexane	91	7.594	7.594	(1.004)	371062	50.0000	37
88	Chlorobenzene	112	7.584	7.584	(1.003)	1085864	50.0000	47
89	1,1,1,2-Tetrachloroethane	131	7.653	7.653	(1.012)	412783	50.0000	44
90	Ethylbenzene	106	7.624	7.624	(1.008)	455864	50.0000	46
91	Xylene (total)mp	106	7.762	7.762	(1.026)	1097352	100.000	91
92	Xylene (total)o	106	8.146	8.146	(1.077)	559629	50.0000	45
93	Styrene	104	8.195	8.195	(1.083)	1045476	50.0000	46
94	Bromoform	173	8.195	8.195	(1.083)	347758	50.0000	45
* 95	1,4-Dichlorobenzene-d4	152	9.635	9.635	(1.000)	282233	25.0000	
96	Isopropylbenzene	105	8.432	8.432	(0.875)	1178660	50.0000	47
97	Bromobenzene	156	8.738	8.738	(0.907)	422077	50.0000	46
98	1,1,2,2-Tetrachloroethane	83	8.866	8.866	(0.920)	589709	50.0000	50
99	4-Ethyltoluene	105	8.895	8.895	(0.923)	1101472	50.0000	45
100	1,2,3-Trichloropropane	110	8.964	8.964	(0.930)	163519	50.0000	46
101	trans-1,4-Dichloro-2-Butene	53	9.014	9.014	(0.936)	280368	100.000	93
102	n-Propylbenzene	91	8.797	8.797	(0.913)	1415788	50.0000	46
103	2-Chlorotoluene	91	8.915	8.915	(0.925)	1169408	50.0000	46
104	4-Chlorotoluene	91	9.063	9.063	(0.941)	1107453	50.0000	44
105	1,3,5-Trimethylbenzene	105	8.974	8.974	(0.931)	913228	50.0000	44
106	tert-Butylbenzene	119	9.250	9.250	(0.960)	681338	50.0000	42
107	1,2,4-Trimethylbenzene	105	9.309	9.309	(0.966)	933869	50.0000	43
108	sec-Butylbenzene	105	9.398	9.398	(0.975)	996939	50.0000	41
109	4-Isopropyltoluene	119	9.536	9.536	(0.990)	811971	50.0000	41
110	1,3-Dichlorobenzene	146	9.566	9.566	(0.993)	572630	50.0000	44
111	1,4-Dichlorobenzene	146	9.655	9.655	(1.002)	615480	50.0000	45
112	1,2-Dichlorobenzene	146	10.009	10.009	(1.039)	579178	50.0000	44
113	Benzyl Chloride	126	9.881	9.881	(1.026)	190017	50.0000	52
114	1,4-Diethylbenzene	119	9.852	9.852	(2.264)	462153	50.0000	41
115	n-Butylbenzene	91	9.901	9.901	(1.028)	939560	50.0000	42(M)
118	1,2,4,5-Tetramethylbenzene	119	10.562	10.562	(2.427)	725466	50.0000	37
119	1,2-Dibromo-3-chloropropane	75	10.709	10.709	(1.112)	100552	50.0000	43
120	Nitrobenzene	77	11.202	11.202	(1.163)	257302	500.000	390
121	1,2,4-Trichlorobenzene	180	11.311	11.311	(1.174)	261473	50.0000	37
122	Hexachlorobutadiene	225	11.301	11.301	(1.173)	97813	50.0000	31
123	Naphthalene	128	11.587	11.587	(1.203)	730121	50.0000	40
124	1,2,3-Trichlorobenzene	180	11.754	11.754	(1.220)	229738	50.0000	35
$ 125	Bromofluorobenzene	95	8.659	8.659	(0.899)	141811	50.0000	19
M 126	1,2-Dichloroethene (total)	100				1009060	100.000	100
M 127	Xylene (total)	100				1656981	150.000	140

QC Flag Legend

M - Compound response manually integrated.

Data File: L3580.D

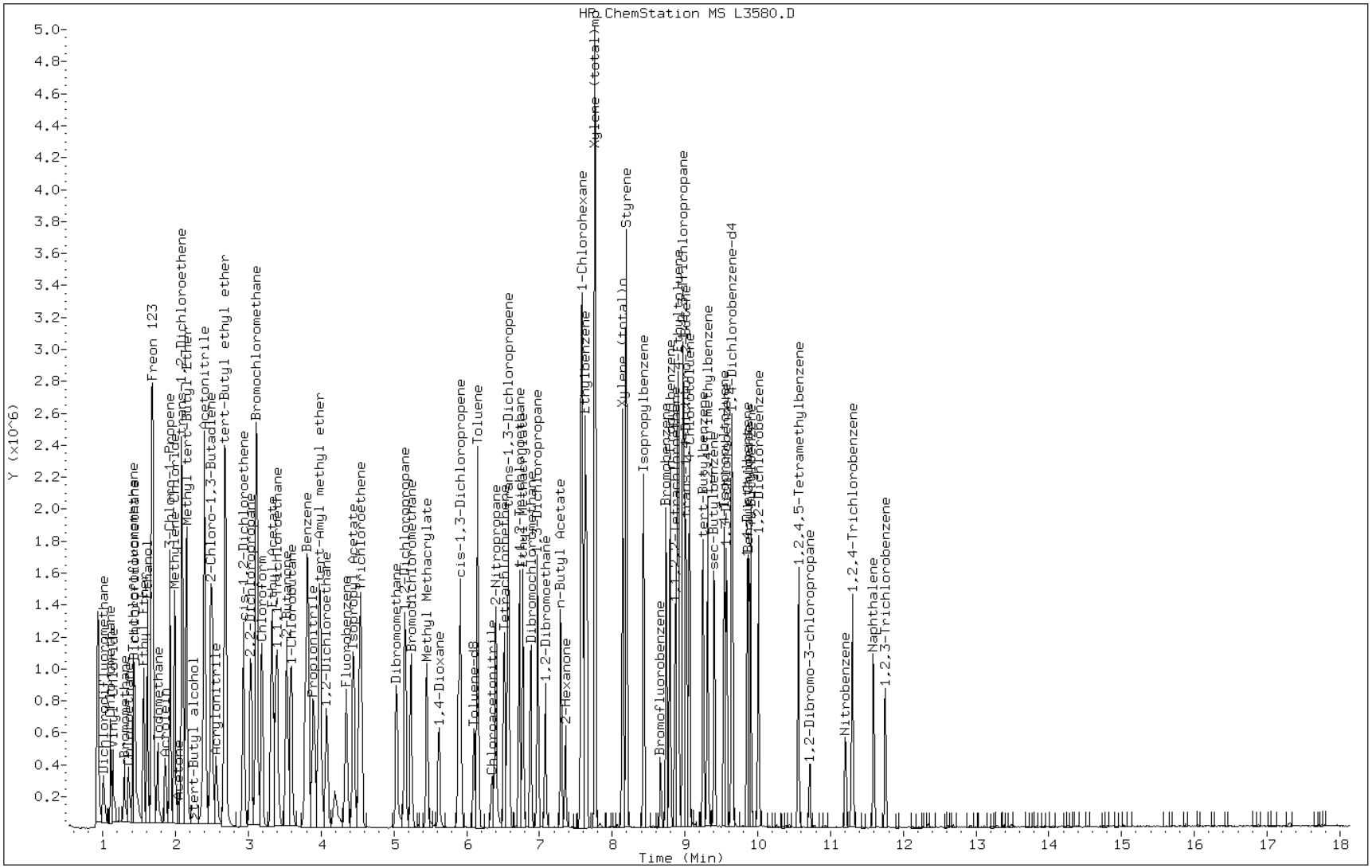
Date: 23-MAR-2009 19:19

Client ID: CCVIS

Instrument: msl.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: L3580.D
Inj. Date and Time: 23-MAR-2009 19:19
Instrument ID: msl.i
Client ID: CCVIS
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 03/24/2009

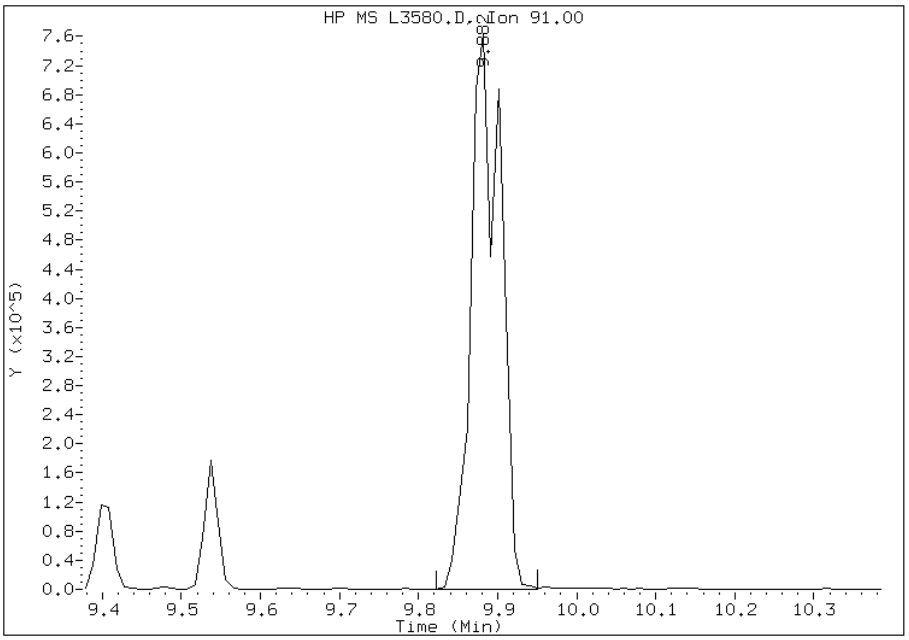
Processing Integration Results

RT: 9.88

Response: 2035818

Amount: 90

Conc: 90



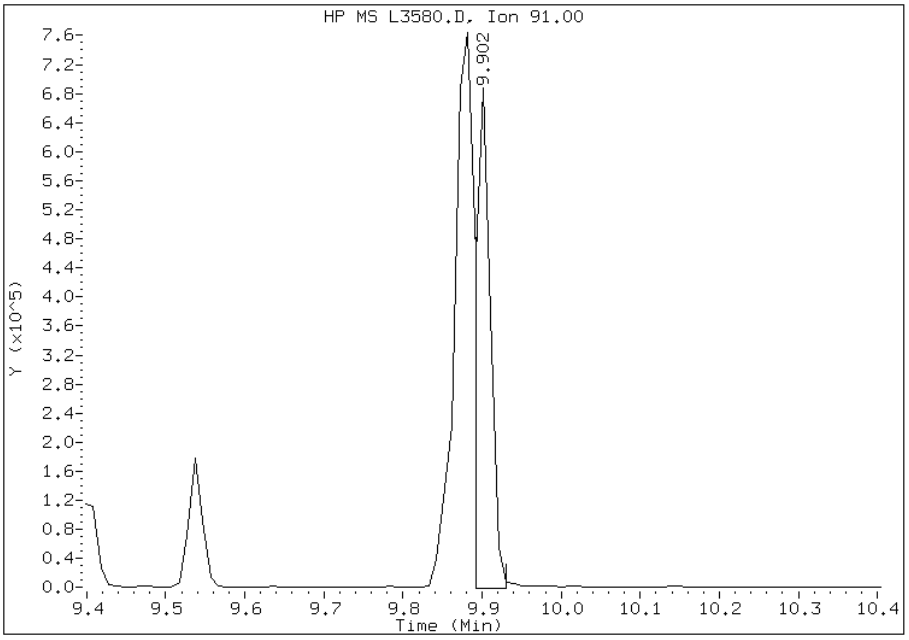
Manual Integration Results

RT: 9.90

Response: 939560

Amount: 42

Conc: 42



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25517/1 Calibration Date: 03/25/2009 09:21

Instrument ID: MSV Calib Start Date: 03/23/2009 13:26

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/23/2009 18:11

Lab File ID: V2777.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Lin	0.1101	0.1259		20.0	20.0	-1.0	30.0
Chloromethane	Lin	0.1580	0.1480	0.1000	19.0	20.0	-3.2	30.0
Vinyl chloride	Ave	0.1450	0.1440		20.0	20.0	-0.6	20.0
Bromomethane	Qua	0.0320	0.0656		46.0	20.0	130.0*	30.0
Chloroethane	Qua	0.0748	0.0724		18.0	20.0	-9.4	30.0
Trichlorofluoromethane	Lin	0.1831	0.2021		22.0	20.0	8.0	30.0
Dichlorofluoromethane	Ave	0.2459	0.2742		22.0	20.0	11.5	30.0
Ethyl ether	Ave	0.1228	0.1292		21.0	20.0	5.3	30.0
1,1-Dichloro-1-fluoroethane	Ave	0.2556	0.3012		24.0	20.0	17.9	30.0
Ethanol	Lin	0.0063	0.0072		250	200	25.5	30.0
1,1-Dichloroethene	Ave	0.1557	0.1651		21.0	20.0	6.1	20.0
Carbon disulfide	Ave	0.5806	0.6227		21.0	20.0	7.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin	0.1365	0.1844		25.0	20.0	24.4	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin	0.0391	0.0393		22.0	20.0	12.4	30.0
Iodomethane	Qua	0.1372	0.1768		27.0	20.0	36.1*	30.0
Acrolein	Ave	0.0401	0.0422		110	100	5.2	30.0
3-Chloro-1-propene	Ave	0.2357	0.2588		22.0	20.0	9.8	30.0
Isopropyl alcohol	Lin	0.0145	0.0163		25.0	20.0	26.8	30.0
Methylene Chloride	Lin	0.2390	0.2204		21.0	20.0	4.4	30.0
Acetone	Lin	0.0856	0.0782		23.0	20.0	15.8	30.0
trans-1,2-Dichloroethene	Ave	0.1908	0.2017		21.0	20.0	5.7	30.0
Methyl acetate	Ave	0.5037	0.5010		20.0	20.0	-0.5	30.0
Acetonitrile	Lin	0.0225	0.0124		100	200	-50.0*	30.0
Methyl tert-butyl ether	Ave	0.6246	0.5907		19.0	20.0	-5.4	30.0
2-Methyl-2-propanol	Lin	0.0230	0.0216		100	100	1.8	30.0
Isopropyl ether	Ave	0.5990	0.5887		20.0	20.0	-1.7	30.0
2-Chloro-1,3-butadiene	Ave	0.1426	0.1486		21.0	20.0	4.2	30.0
1,1-Dichloroethane	Ave	0.3242	0.3402	0.1000	21.0	20.0	4.9	30.0
Acrylonitrile	Ave	0.0871	0.0864		40.0	40.0	-0.8	30.0
Tert-butyl ethyl ether	Ave	0.6061	0.5756		19.0	20.0	-5.0	30.0
Vinyl acetate	Ave	0.4364	0.4368		20.0	20.0	0.1	30.0
cis-1,2-Dichloroethene	Ave	0.2221	0.2213		20.0	20.0	-0.4	30.0
2,2-Dichloropropane	Ave	0.2146	0.2159		20.0	20.0	0.6	30.0
1-Bromopropane	Ave	0.2607	0.2643		20.0	20.0	1.4	30.0
Chlorobromomethane	Ave	0.1122	0.1152		21.0	20.0	2.7	30.0
Cyclohexane	Lin	0.2197	0.2579		23.0	20.0	12.7	30.0
Chloroform	Ave	0.3365	0.3438		20.0	20.0	2.1	20.0
Carbon tetrachloride	Ave	0.1828	0.2358		26.0	20.0	29.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25517/1 Calibration Date: 03/25/2009 09:21

Instrument ID: MSV Calib Start Date: 03/23/2009 13:26

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/23/2009 18:11

Lab File ID: V2777.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Tetrahydrofuran	Ave	0.0777	0.0709		36.0	40.0	-8.8	30.0
Methyl acrylate	Ave	0.1861	0.1768		19.0	20.0	-5.0	30.0
Ethyl acetate	Ave	0.0876	0.0849		39.0	40.0	-3.0	30.0
1,1,1-Trichloroethane	Ave	0.2551	0.2822		22.0	20.0	10.6	30.0
1,1-Dichloropropene	Ave	0.2385	0.2471		21.0	20.0	3.6	30.0
2-Butanone (MEK)	Ave	0.0881	0.0799		18.0	20.0	-9.3	30.0
1-Chlorobutane	Ave	0.3330	0.3537		21.0	20.0	6.2	30.0
Benzene	Ave	0.7784	0.7961		20.0	20.0	2.3	30.0
n-Heptane	Lin	0.1306	0.1565		22.0	20.0	12.5	30.0
Propionitrile	Ave	0.0322	0.0334		210	200	3.8	30.0
Methacrylonitrile	Ave	0.1265	0.1220		19.0	20.0	-3.5	30.0
Isobutyl alcohol	Lin	0.0028	0.0029		240	200	21.7	30.0
Tert-amyl methyl ether	Ave	0.5735	0.5325		19.0	20.0	-7.2	30.0
1,2-Dichloroethane	Ave	0.2456	0.2594		21.0	20.0	5.6	30.0
tert-Butyl Formate	Ave	0.0082	0.0069		14.0	20.0	-15.2	30.0
Isopropyl acetate	Ave	0.2393	0.2272		38.0	40.0	-5.0	30.0
Methylcyclohexane	Lin	0.2115	0.2513		22.0	20.0	9.4	30.0
Trichloroethene	Ave	0.2042	0.2175		21.0	20.0	6.5	30.0
Dibromomethane	Ave	0.1319	0.1330		20.0	20.0	0.9	30.0
n-Butanol	Lin	0.0051	0.0046		160	200	-19.0	30.0
1,2-Dichloropropane	Ave	0.2020	0.1961		19.0	20.0	-2.9	20.0
Dichlorobromomethane	Ave	0.2476	0.2617		21.0	20.0	5.7	30.0
1,4-Dioxane	Ave	0.0016	0.0018		230	200	13.9	30.0
Methyl methacrylate	Ave	0.1518	0.1379		18.0	20.0	-9.2	30.0
n-Propyl acetate	Ave	0.0985	0.0885		36.0	40.0	-10.2	30.0
2-Chloroethyl vinyl ether	Ave	0.1158	0.0904		16.0	20.0	-21.9	30.0
cis-1,3-Dichloropropene	Ave	0.2981	0.3122		21.0	20.0	4.7	30.0
Toluene	Ave	1.090	1.109		20.0	20.0	1.8	20.0
Chloroacetonitrile	Lin	0.0060	0.0073		210	200	4.1	30.0
2-Nitropropane	Ave	0.0489	0.0477		39.0	40.0	-2.4	30.0
1,1-Dichloroacetone	Lin	0.1200	0.1226		90.0	100	-10.2	30.0
Tetrachloroethene	Ave	0.2110	0.2177		21.0	20.0	3.2	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2422	0.2081		17.0	20.0	-14.1	30.0
trans-1,3-Dichloropropene	Ave	0.2689	0.2853		21.0	20.0	6.1	30.0
1,1,2-Trichloroethane	Ave	0.1912	0.1862		19.0	20.0	-2.7	30.0
Ethyl methacrylate	Ave	0.3616	0.3228		18.0	20.0	-10.7	30.0
Chlorodibromomethane	Ave	0.2750	0.2910		21.0	20.0	5.8	30.0
1,3-Dichloropropane	Ave	0.4452	0.4411		20.0	20.0	-0.9	30.0
Ethylene Dibromide	Ave	0.2705	0.2643		20.0	20.0	-2.3	30.0
2-Hexanone	Ave	0.1891	0.1722		18.0	20.0	-8.9	30.0
Chlorobenzene	Ave	0.7365	0.7495	0.3000	20.0	20.0	1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25517/1 Calibration Date: 03/25/2009 09:21

Instrument ID: MSV Calib Start Date: 03/23/2009 13:26

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/23/2009 18:11

Lab File ID: V2777.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Ave	0.1080	0.1126		21.0	20.0	4.2	30.0
1-Chlorohexane	Lin	0.2660	0.2620		17.0	20.0	-15.9	30.0
Ethylbenzene	Ave	0.3741	0.3823		20.0	20.0	2.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2483	0.2621		21.0	20.0	5.5	30.0
m-Xylene & p-Xylene	Ave	0.4590	0.4682		41.0	40.0	2.0	30.0
o-Xylene	Ave	0.4561	0.4469		20.0	20.0	-2.0	30.0
Bromoform	Ave	0.1836	0.1924	0.1000	21.0	20.0	4.8	30.0
Styrene	Ave	0.7746	0.7754		20.0	20.0	0.1	30.0
Isopropylbenzene	Lin	1.884	1.781		18.0	20.0	-11.7	30.0
Bromobenzene	Ave	0.6223	0.5875		19.0	20.0	-5.6	30.0
N-Propylbenzene	Lin	2.127	2.086		18.0	20.0	-8.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6064	0.5461	0.3000	18.0	20.0	-10.0	30.0
2-Chlorotoluene	Ave	1.603	1.560		19.0	20.0	-2.7	30.0
4-Ethyltoluene	Lin	1.841	1.848		19.0	20.0	-6.6	30.0
1,2,3-Trichloropropane	Ave	0.2036	0.1907		19.0	20.0	-6.4	30.0
1,3,5-Trimethylbenzene	Lin	1.554	1.544		18.0	20.0	-7.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1153	0.1152		40.0	40.0	0.1	30.0
4-Chlorotoluene	Ave	1.525	1.481		19.0	20.0	-2.9	30.0
tert-Butylbenzene	Lin	1.272	1.253		18.0	20.0	-9.6	30.0
1,2,4-Trimethylbenzene	Ave	1.603	1.595		20.0	20.0	-0.5	30.0
sec-Butylbenzene	Lin	1.716	1.734		18.0	20.0	-7.7	30.0
4-Isopropyltoluene	Lin	1.484	1.524		18.0	20.0	-8.1	30.0
1,3-Dichlorobenzene	Ave	1.036	1.039		20.0	20.0	0.3	30.0
1,4-Dichlorobenzene	Ave	1.073	1.070		20.0	20.0	-0.2	30.0
p-Diethylbenzene	Lin	0.8324	0.8518		18.0	20.0	-9.8	30.0
Benzyl chloride	Lin	0.2332	0.2357		17.0	20.0	-12.6	30.0
n-Butylbenzene	Lin	1.278	1.365		19.0	20.0	-3.1	30.0
1,2-Dichlorobenzene	Ave	1.044	1.027		20.0	20.0	-1.6	30.0
1,2,4,5-Tetramethylbenzene	Lin	1.502	1.517		18.0	20.0	-11.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1144	0.1101		19.0	20.0	-3.8	30.0
Nitrobenzene	Lin	0.0393	0.0358		150	200	-26.4	30.0
1,2,4-Trichlorobenzene	Ave	0.7470	0.7572		20.0	20.0	1.4	30.0
Hexachlorobutadiene	Lin	0.3515	0.3114		18.0	20.0	-11.4	30.0
Naphthalene	Ave	2.221	2.069		19.0	20.0	-6.9	30.0
1,2,3-Trichlorobenzene	Ave	0.7425	0.7473		20.0	20.0	0.6	30.0
Dibromofluoromethane	Ave	0.2387	0.2159		23.0	25.0	-9.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2598	0.2313		22.0	25.0	-11.0	30.0
Toluene-d8 (Surr)	Ave	1.185	1.079		23.0	25.0	-8.9	30.0
4-Bromofluorobenzene	Ave	0.8484	0.6569		19.0	25.0	-22.6	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V2777.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 25-MAR-2009 09:21 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 11 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V8260LOW.m
Meth Date : 25-Mar-2009 09:45 barbara Quant Type: ISTD
Cal Date : 23-MAR-2009 18:11 Cal File: V2727.D
Als bottle: 43 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.695	4.695	(1.000)	1612474	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.199)	162360	20.0000	20
3	Chloromethane	50	1.045	1.045	(0.223)	190957	20.0000	19
4	Vinyl Chloride	62	1.082	1.082	(0.231)	185811	20.0000	20
5	Bromomethane	94	1.264	1.264	(0.269)	84680	20.0000	46
6	Chloroethane	64	1.333	1.333	(0.284)	93433	20.0000	18
7	Trichlorofluoromethane	101	1.413	1.413	(0.301)	260663	20.0000	22
8	Dichlorofluoromethane	67	1.445	1.445	(0.308)	353699	20.0000	22
9	Ethyl Ether	45	1.600	1.600	(0.341)	166712	20.0000	21
10	Ethanol	45	1.653	1.653	(0.352)	92183	200.000	250
11	Freon 141	81	1.653	1.653	(0.352)	388582	20.0000	24
12	Freon 123	67	1.765	1.765	(0.376)	50732	20.0000	22
13	Trichlorotrifluoroethane	101	1.755	1.755	(0.374)	237859	20.0000	25
14	1,1-Dichloroethene	96	1.723	1.723	(0.367)	213018	20.0000	21
15	Carbon Disulfide	76	1.739	1.739	(0.370)	803307	20.0000	21
16	Iodomethane	142	1.813	1.813	(0.386)	228042	20.0000	27
17	Acrolein	56	1.947	1.947	(0.415)	271889	100.000	100
18	2-Propanol	45	2.080	2.080	(0.443)	21031	20.0000	25
19	3-Chloro-1-Propene	41	2.048	2.048	(0.436)	333901	20.0000	22
20	Methylene Chloride	84	2.123	2.123	(0.452)	284325	20.0000	21
21	Acetone	43	2.166	2.166	(0.461)	100830	20.0000	23
22	trans-1,2-Dichloroethene	96	2.246	2.246	(0.478)	260132	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.262	2.262	(0.482)	646258	20.0000	20
	24 Methyl tert-Butyl Ether	73	2.342	2.342	(0.499)	762001	20.0000	19
	25 tert-Butyl alcohol	59	2.432	2.432	(0.518)	139299	100.000	100
	26 Acetonitrile	41	2.342	2.342	(0.499)	160242	200.000	100
	27 Isopropyl ether	45	2.683	2.683	(0.572)	759442	20.0000	20
	28 tert-Butyl ethyl ether	59	3.046	3.046	(0.649)	742485	20.0000	19
	29 2-Chloro-1,3-Butadiene	88	2.753	2.753	(0.586)	191701	20.0000	21
	30 Acrylonitrile	53	2.817	2.817	(0.600)	222893	40.0000	40
	31 1,1-Dichloroethane	63	2.774	2.774	(0.591)	438822	20.0000	21
	32 Vinyl Acetate	43	3.051	3.051	(0.650)	563472	20.0000	20
	33 cis-1,2-Dichloroethene	96	3.324	3.324	(0.708)	285524	20.0000	20
	34 2,2-Dichloropropane	77	3.425	3.425	(0.730)	278508	20.0000	20
	35 Bromochloromethane	128	3.521	3.521	(0.750)	148619	20.0000	20
	36 1-Bromopropane	43	3.505	3.505	(0.747)	340930	20.0000	20
	37 Cyclohexane	84	3.521	3.521	(0.750)	332678	20.0000	22
	38 Chloroform	83	3.622	3.622	(0.772)	443432	20.0000	20
	39 Ethyl Acetate	43	3.788	3.788	(0.807)	219131	40.0000	39
	40 Methyl Acrylate	55	3.783	3.783	(0.806)	228074	20.0000	19
$	41 Dibromofluoromethane	111	3.815	3.815	(0.812)	348201	20.0000	23
	42 Tetrahydrofuran	42	3.772	3.772	(0.803)	182932	40.0000	36
	43 Carbon Tetrachloride	117	3.745	3.745	(0.798)	304170	20.0000	26
	44 1,1,1-Trichloroethane	97	3.820	3.820	(0.814)	364079	20.0000	22
	45 2-Butanone	43	3.959	3.959	(0.843)	103074	20.0000	18
	46 1,1-Dichloropropene	75	3.959	3.959	(0.843)	318690	20.0000	21
	47 tert-Amyl methyl ether	73	4.402	4.402	(0.937)	686901	20.0000	18
	48 tert-Butyl formate	57	4.578	4.578	(0.975)	8958	20.0000	14
	49 1-Chlorobutane	56	4.028	4.028	(0.858)	456263	20.0000	21
	50 Heptane	43	4.247	4.247	(0.905)	201865	20.0000	22
	51 Propionitrile	54	4.258	4.258	(0.907)	430880	200.000	210
	52 Benzene	78	4.226	4.226	(0.900)	1026977	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.284	4.284	(0.912)	157408	20.0000	19(MH)
	54 Isobutyl alcohol	42	4.402	4.402	(0.937)	37786	200.000	240
$	55 1,2-Dichloroethane-d4	65	4.375	4.375	(0.932)	372917	20.0000	22
	56 1,2-Dichloroethane	62	4.450	4.450	(0.948)	334563	20.0000	21
	59 Methyl Cyclohexane	83	4.866	4.866	(1.036)	324189	20.0000	22
	60 Trichloroethene	130	4.887	4.887	(1.041)	280570	20.0000	21
	61 Isopropyl Acetate	43	4.823	4.823	(1.027)	586265	40.0000	38
	62 n-Butanol	56	5.389	5.389	(1.148)	58651	200.000	160
	63 Dibromomethane	93	5.346	5.346	(1.139)	171568	20.0000	20
	64 1,2-Dichloropropane	63	5.464	5.464	(1.164)	252986	20.0000	19
	65 Bromodichloromethane	83	5.570	5.570	(1.186)	337598	20.0000	21
	66 Methyl Methacrylate	69	5.821	5.821	(1.240)	177852	20.0000	18
	67 1,4-Dioxane	58	5.821	5.821	(1.240)	23542	200.000	230
	68 n-Propyl Acetate	43	6.013	6.013	(1.281)	228290	40.0000	36
	69 2-Chloroethylvinylether	63	6.302	6.302	(1.342)	116600	20.0000	16
	70 cis-1,3-Dichloropropene	75	6.323	6.323	(1.347)	402766	20.0000	21
	71 Chloroacetonitrile	48	6.814	6.814	(1.451)	93833	200.000	210
	72 2-Nitropropane	41	6.878	6.878	(1.465)	123064	40.0000	39
	73 trans-1,3-Dichloropropene	75	7.134	7.134	(1.519)	368074	20.0000	21
	74 1,1,2-Trichloroethane	97	7.316	7.316	(1.558)	240133	20.0000	19
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1196320	25.0000	
	76 Toluene	91	6.600	6.600	(0.782)	1061799	20.0000	20
$	77 Toluene-d8	98	6.542	6.542	(0.775)	1291024	20.0000	23
	78 1,1-Dichloro-2-propanone	43	6.889	6.889	(0.816)	586780	100.000	90

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	199195	20.0000	17
80	Tetrachloroethene	164	7.054	7.054	(0.836)	208323	20.0000	21
81	Ethyl Methacrylate	69	7.412	7.412	(0.878)	308925	20.0000	18
82	Dibromochloromethane	129	7.513	7.513	(0.890)	278528	20.0000	21
83	1,3-Dichloropropane	76	7.636	7.636	(0.905)	422180	20.0000	20
84	1,2-Dibromoethane	107	7.759	7.759	(0.919)	252975	20.0000	20
85	n-Butyl Acetate	56	8.516	8.516	(1.009)	107724	20.0000	21
86	2-Hexanone	43	8.175	8.175	(0.968)	164770	20.0000	18
87	1-Chlorohexane	91	8.522	8.522	(1.009)	250761	20.0000	17(M)
88	Chlorobenzene	112	8.458	8.458	(1.002)	717336	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	8.564	8.564	(1.015)	250831	20.0000	21
90	Ethylbenzene	106	8.543	8.543	(1.012)	365887	20.0000	20
91	Xylene (total)mp	106	8.746	8.746	(1.036)	896132	40.0000	41
92	Xylene (total)o	106	9.280	9.280	(1.099)	427679	20.0000	20
93	Styrene	104	9.349	9.349	(1.107)	742132	20.0000	20
94	Bromoform	173	9.328	9.328	(1.105)	184089	20.0000	21
* 95	1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	667661	25.0000	
96	Isopropylbenzene	105	9.659	9.659	(0.882)	951215	20.0000	18
97	Bromobenzene	156	9.995	9.995	(0.913)	313822	20.0000	19
98	1,1,2,2-Tetrachloroethane	83	10.166	10.166	(0.929)	291665	20.0000	18
99	4-Ethyltoluene	105	10.203	10.203	(0.932)	987311	20.0000	19
100	1,2,3-Trichloropropane	110	10.262	10.262	(0.938)	101848	20.0000	19
101	trans-1,4-Dichloro-2-Butene	53	10.326	10.326	(0.943)	123111	40.0000	40
102	n-Propylbenzene	91	10.085	10.085	(0.921)	1114067	20.0000	18
103	2-Chlorotoluene	91	10.198	10.198	(0.932)	833064	20.0000	19
104	4-Chlorotoluene	91	10.358	10.358	(0.946)	790821	20.0000	19
105	1,3,5-Trimethylbenzene	105	10.294	10.294	(0.941)	824952	20.0000	18
106	tert-Butylbenzene	119	10.571	10.571	(0.966)	669136	20.0000	18
107	1,2,4-Trimethylbenzene	105	10.635	10.635	(0.972)	852194	20.0000	20
108	sec-Butylbenzene	105	10.726	10.726	(0.980)	926427	20.0000	18
109	4-Isopropyltoluene	119	10.865	10.865	(0.993)	813942	20.0000	18
110	1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	554885	20.0000	20
111	1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	571627	20.0000	20
112	1,2-Dichlorobenzene	146	11.292	11.292	(1.032)	548755	20.0000	20
113	Benzyl Chloride	126	11.174	11.174	(1.021)	125871	20.0000	17
114	1,4-Diethylbenzene	119	11.169	11.169	(1.020)	454988	20.0000	18
115	n-Butylbenzene	91	11.212	11.212	(1.024)	729266	20.0000	19
118	1,2,4,5-Tetramethylbenzene	119	11.799	11.799	(1.078)	810273	20.0000	18
119	1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	58821	20.0000	19
120	Nitrobenzene	77	12.322	12.322	(1.126)	191286	200.000	150
121	1,2,4-Trichlorobenzene	180	12.412	12.412	(1.134)	404453	20.0000	20
122	Hexachlorobutadiene	225	12.412	12.412	(1.134)	166303	20.0000	18
123	Naphthalene	128	12.642	12.642	(1.155)	1104902	20.0000	19
124	1,2,3-Trichlorobenzene	180	12.770	12.770	(1.167)	399166	20.0000	20
$ 125	Bromofluorobenzene	95	9.915	9.915	(0.906)	438571	20.0000	19
M 126	1,2-Dichloroethene (total)	100				545656	40.0000	41
M 127	Xylene (total)	100				1323811	60.0000	60

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V2777.D

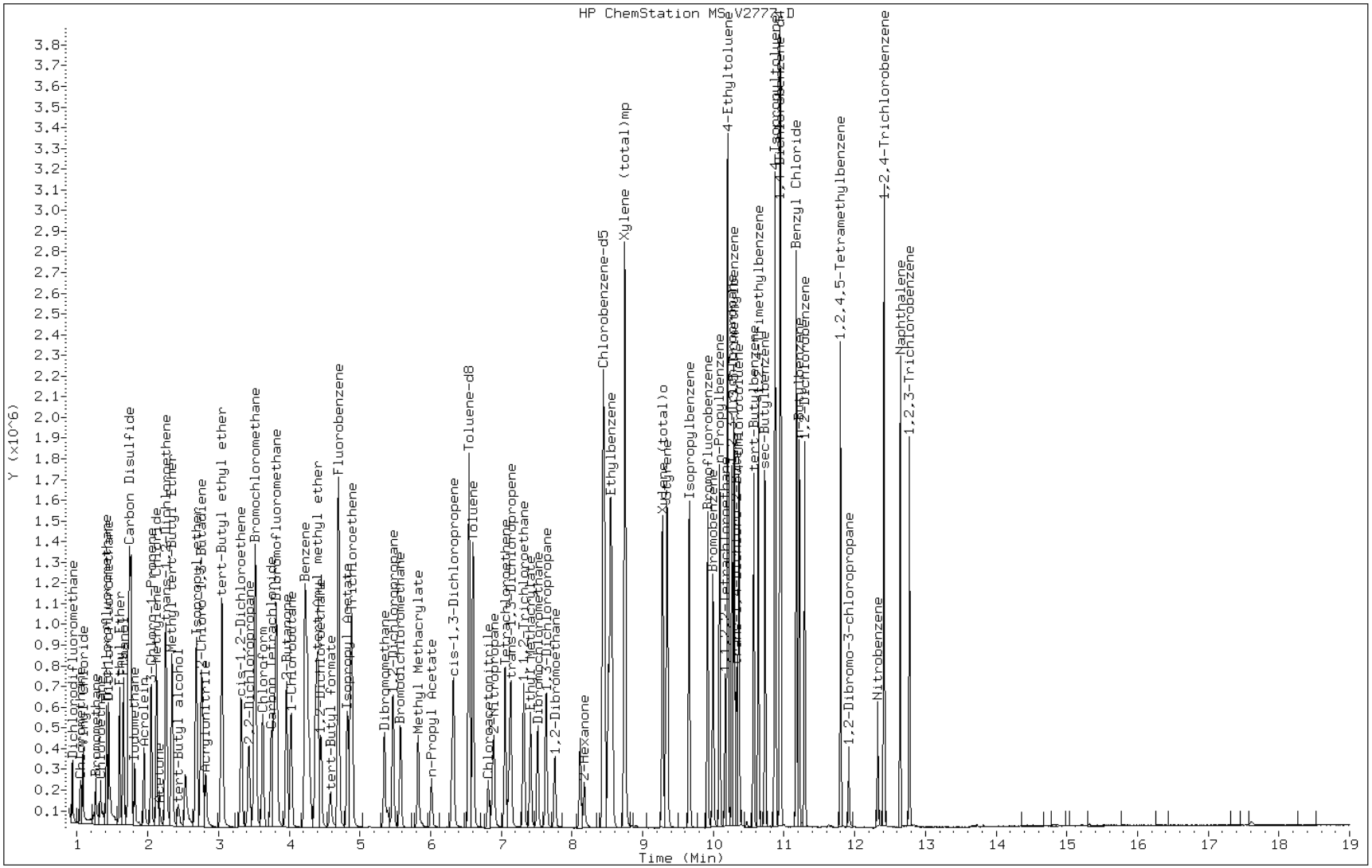
Date: 25-MAR-2009 09:21

Client ID: CCVIS

Instrument: msv.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V2777.D
Inj. Date and Time: 25-MAR-2009 09:21
Instrument ID: msv.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/25/2009

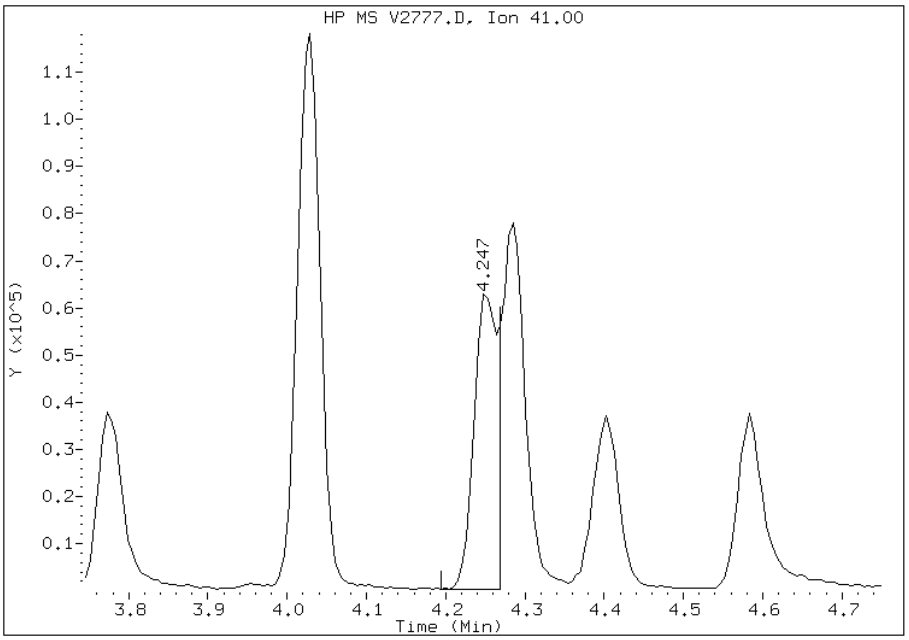
Processing Integration Results

RT: 4.25

Response: 134970

Amount: 17

Conc: 17



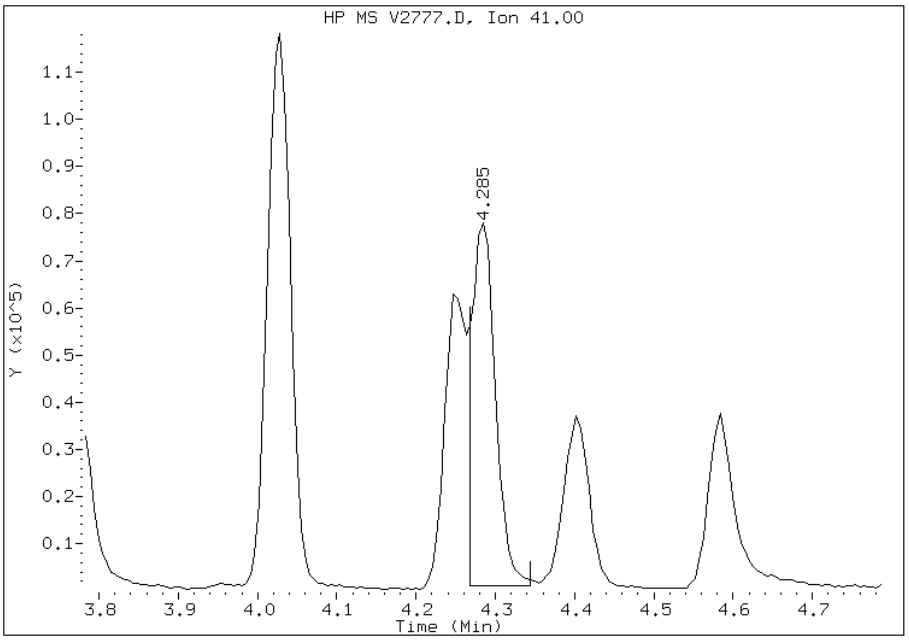
Manual Integration Results

RT: 4.28

Response: 157408

Amount: 19

Conc: 19



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V2777.D
Inj. Date and Time: 25-MAR-2009 09:21
Instrument ID: msv.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/25/2009

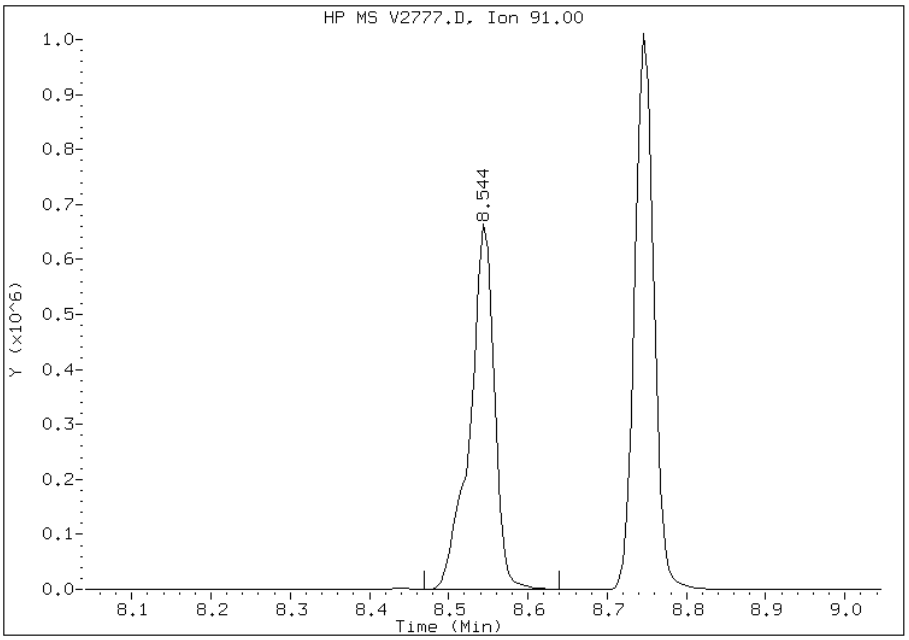
Processing Integration Results

RT: 8.54

Response: 1402055

Amount: 90

Conc: 90



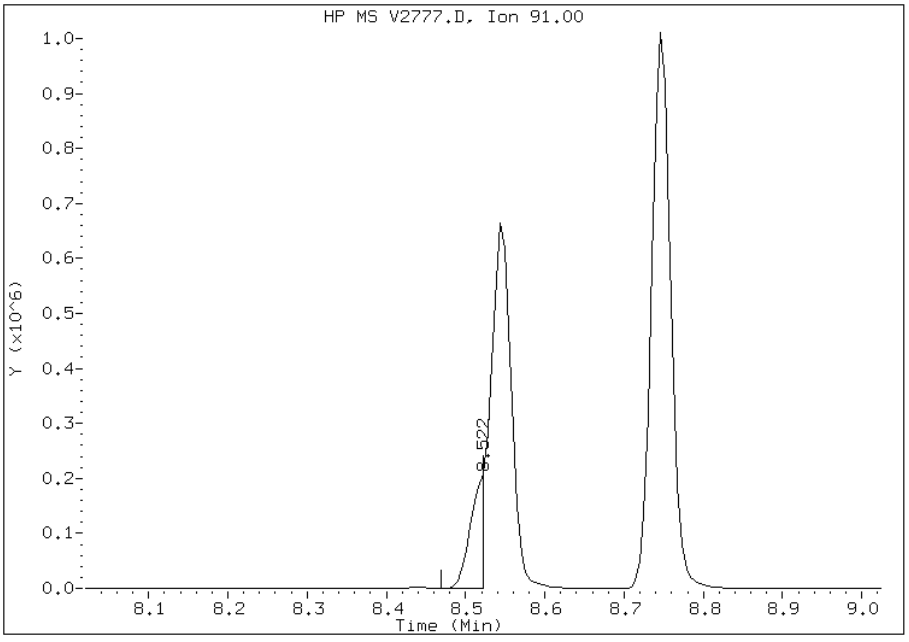
Manual Integration Results

RT: 8.52

Response: 250761

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25453/1 Calibration Date: 03/23/2009 09:08

Instrument ID: MSW Calib Start Date: 03/20/2009 20:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/20/2009 22:22

Lab File ID: W3948.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Lin	0.1929	0.2947		32.0	20.0	58.1*	30.0
Chloromethane	Ave	0.3355	0.3805	0.1000	23.0	20.0	13.4	30.0
Vinyl chloride	Lin	0.2725	0.3257		24.0	20.0	18.4	20.0
Bromomethane	Ave	0.1439	0.1388		19.0	20.0	-3.6	30.0
Chloroethane	Qua	0.1581	0.1773		20.0	20.0	-1.7	30.0
Trichlorofluoromethane	Lin	0.3414	0.5090		32.0	20.0	59.3*	30.0
Dichlorofluoromethane	Ave	0.4652	0.5351		23.0	20.0	15.0	30.0
Ethyl ether	Ave	0.2930	0.2974		20.0	20.0	1.5	30.0
1,1-Dichloro-1-fluoroethane	Lin	0.4773	0.5914		24.0	20.0	21.4	30.0
Ethanol	Ave	0.0123	0.0159		260	200	28.7	30.0
1,1-Dichloroethene	Lin	0.2668	0.3007		22.0	20.0	8.7	20.0
Carbon disulfide	Ave	1.008	1.167		23.0	20.0	15.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin	0.2194	0.3230		29.0	20.0	44.9*	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin	0.0653	0.0786		24.0	20.0	19.3	30.0
Iodomethane	Lin	0.3257	0.3812		18.0	20.0	-9.0	30.0
Acrolein	Ave	0.0698	0.0573		82.0	100	-17.9	30.0
3-Chloro-1-propene	Ave	0.6395	0.6913		22.0	20.0	8.1	30.0
Isopropyl alcohol	Ave	0.0416	0.0367		18.0	20.0	-11.8	30.0
Methylene Chloride	Lin	0.5016	0.3924		18.0	20.0	-8.5	30.0
Acetone	Ave	0.1836	0.1737		19.0	20.0	-5.4	30.0
trans-1,2-Dichloroethene	Ave	0.3510	0.3688		21.0	20.0	5.0	30.0
Methyl acetate	Ave	1.437	1.372		19.0	20.0	-4.5	30.0
Methyl tert-butyl ether	Ave	1.289	1.219		19.0	20.0	-5.4	30.0
2-Methyl-2-propanol	Ave	0.0614	0.0448		73.0	100	-27.0	30.0
Acetonitrile	Ave	0.0787	0.0732		190	200	-7.0	30.0
Isopropyl ether	Ave	1.383	1.386		20.0	20.0	0.1	30.0
2-Chloro-1,3-butadiene	Lin	0.2470	0.2612		19.0	20.0	-2.6	30.0
1,1-Dichloroethane	Ave	0.6834	0.7180	0.1000	21.0	20.0	5.1	30.0
Acrylonitrile	Lin	0.1887	0.1888		36.0	40.0	-10.9	30.0
Tert-butyl ethyl ether	Ave	1.292	1.274		20.0	20.0	-1.4	30.0
Vinyl acetate	Lin	1.114	1.160		19.0	20.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.4213	0.4150		20.0	20.0	-1.5	30.0
2,2-Dichloropropane	Ave	0.4656	0.5298		23.0	20.0	13.8	30.0
1-Bromopropane	Ave	0.5855	0.6415		22.0	20.0	9.6	30.0
Chlorobromomethane	Ave	0.2240	0.2197		20.0	20.0	-1.9	30.0
Cyclohexane	Lin	0.3461	0.4658		26.0	20.0	28.7	30.0
Chloroform	Ave	0.6641	0.6577		20.0	20.0	-1.0	20.0
Carbon tetrachloride	Lin	0.4030	0.4537		21.0	20.0	7.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25453/1 Calibration Date: 03/23/2009 09:08

Instrument ID: MSW Calib Start Date: 03/20/2009 20:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/20/2009 22:22

Lab File ID: W3948.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Tetrahydrofuran	Ave	0.2041	0.1864		37.0	40.0	-8.7	30.0
Methyl acrylate	Lin	0.4207	0.4012		17.0	20.0	-15.4	30.0
Ethyl acetate	Ave	0.2306	0.2229		39.0	40.0	-3.3	30.0
1,1,1-Trichloroethane	Ave	0.4878	0.5272		22.0	20.0	8.1	30.0
2-Butanone (MEK)	Ave	0.2186	0.2096		19.0	20.0	-4.1	30.0
1,1-Dichloropropene	Lin	0.4394	0.4801		21.0	20.0	4.3	30.0
1-Chlorobutane	Lin	0.6631	0.7347		21.0	20.0	5.1	30.0
Benzene	Ave	1.501	1.509		20.0	20.0	0.5	30.0
n-Heptane	Lin	0.2517	0.3564		26.0	20.0	30.9*	30.0
Propionitrile	Ave	0.0750	0.0708		190	200	-5.5	30.0
Methacrylonitrile	Lin	0.3563	0.3331		17.0	20.0	-14.3	30.0
Isobutyl alcohol	Ave	0.0066	0.0071		210	200	7.3	30.0
Tert-amyl methyl ether	Ave	1.189	1.126		19.0	20.0	-5.3	30.0
1,2-Dichloroethane	Ave	0.5479	0.5634		21.0	20.0	2.8	30.0
tert-Butyl Formate	Lin	0.0438	0.0690		28.0	20.0	38.8*	30.0
Isopropyl acetate	Lin	0.6205	0.6028		35.0	40.0	-11.5	30.0
Methylcyclohexane	Lin	0.3286	0.4345		24.0	20.0	21.3	30.0
Trichloroethene	Ave	0.3919	0.3942		20.0	20.0	0.6	30.0
Dibromomethane	Ave	0.2557	0.2530		20.0	20.0	-1.1	30.0
n-Butanol	Lin	0.0103	0.0076		130	200	-36.2*	30.0
1,2-Dichloropropane	Ave	0.4105	0.4070		20.0	20.0	-0.9	20.0
Dichlorobromomethane	Ave	0.4831	0.4908		20.0	20.0	1.6	30.0
1,4-Dioxane	Ave	0.0042	0.0032		150	200	-22.9	30.0
Methyl methacrylate	Lin	0.3024	0.2788		16.0	20.0	-19.4	30.0
n-Propyl acetate	Lin	0.2493	0.2358		33.0	40.0	-16.7	30.0
2-Chloroethyl vinyl ether	Lin	0.2673	0.2534		17.0	20.0	-15.5	30.0
cis-1,3-Dichloropropene	Ave	0.6152	0.6294		20.0	20.0	2.3	30.0
Toluene	Ave	1.825	1.778		19.0	20.0	-2.6	20.0
Chloroacetonitrile	Lin	0.0162	0.0161		170	200	-17.5	30.0
2-Nitropropane	Lin	0.1311	0.1328		36.0	40.0	-9.9	30.0
1,1-Dichloroacetone	Lin	0.3074	0.2922		84.0	100	-15.9	30.0
Tetrachloroethene	Lin	0.3375	0.3313		19.0	20.0	-6.6	30.0
4-Methyl-2-pentanone (MIBK)	Lin	0.5311	0.4692		16.0	20.0	-21.1	30.0
trans-1,3-Dichloropropene	Lin	0.5709	0.6081		19.0	20.0	-4.7	30.0
1,1,2-Trichloroethane	Ave	0.3617	0.3500		19.0	20.0	-3.2	30.0
Ethyl methacrylate	Lin	0.6053	0.5544		16.0	20.0	-22.0	30.0
Chlorodibromomethane	Ave	0.4831	0.4659		19.0	20.0	-3.6	30.0
1,3-Dichloropropane	Ave	0.7943	0.7561		19.0	20.0	-4.8	30.0
Ethylene Dibromide	Ave	0.4592	0.4260		19.0	20.0	-7.2	30.0
2-Hexanone	Lin	0.3887	0.3601		16.0	20.0	-18.2	30.0
Chlorobenzene	Ave	1.258	1.182	0.3000	19.0	20.0	-6.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25453/1 Calibration Date: 03/23/2009 09:08

Instrument ID: MSW Calib Start Date: 03/20/2009 20:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/20/2009 22:22

Lab File ID: W3948.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Ave	0.1817	0.1977		22.0	20.0	8.8	30.0
1-Chlorohexane	Lin	0.3866	0.3470		16.0	20.0	-19.2	30.0
Ethylbenzene	Ave	0.6133	0.5994		20.0	20.0	-2.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4441	0.4269		19.0	20.0	-3.9	30.0
m-Xylene & p-Xylene	Lin	0.7336	0.7264		37.0	40.0	-8.4	30.0
o-Xylene	Ave	0.7218	0.6919		19.0	20.0	-4.1	30.0
Bromoform	Lin	0.3387	0.3157	0.1000	16.0	20.0	-17.8	30.0
Styrene	Lin	1.127	1.112		17.0	20.0	-14.4	30.0
Isopropylbenzene	Lin	2.826	2.789		18.0	20.0	-9.8	30.0
Bromobenzene	Ave	0.9870	0.9490		19.0	20.0	-3.8	30.0
N-Propylbenzene	Lin	3.107	3.278		19.0	20.0	-4.5	30.0
1,1,2,2-Tetrachloroethane	Ave	1.020	0.9665	0.3000	19.0	20.0	-5.3	30.0
2-Chlorotoluene	Ave	2.457	2.522		21.0	20.0	2.6	30.0
4-Ethyltoluene	Lin	2.737	2.892		19.0	20.0	-5.5	30.0
1,2,3-Trichloropropane	Ave	0.3595	0.3298		18.0	20.0	-8.3	30.0
1,3,5-Trimethylbenzene	Lin	2.334	2.462		19.0	20.0	-4.6	30.0
trans-1,4-Dichloro-2-butene	Lin	0.2407	0.2605		39.0	40.0	-2.2	30.0
4-Chlorotoluene	Ave	2.307	2.383		21.0	20.0	3.3	30.0
tert-Butylbenzene	Lin	1.876	1.889		18.0	20.0	-9.2	30.0
1,2,4-Trimethylbenzene	Lin	2.394	2.508		19.0	20.0	-5.8	30.0
sec-Butylbenzene	Lin	2.468	2.557		19.0	20.0	-7.2	30.0
4-Isopropyltoluene	Lin	2.148	2.239		18.0	20.0	-8.6	30.0
1,3-Dichlorobenzene	Ave	1.584	1.560		20.0	20.0	-1.5	30.0
1,4-Dichlorobenzene	Ave	1.677	1.628		19.0	20.0	-3.0	30.0
p-Diethylbenzene	Lin	1.154	1.207		18.0	20.0	-9.9	30.0
Benzyl chloride	Lin	0.4159	0.4637		20.0	20.0	-1.9	30.0
n-Butylbenzene	Lin	1.910	2.060		19.0	20.0	-3.1	30.0
1,2-Dichlorobenzene	Ave	1.603	1.542		19.0	20.0	-3.8	30.0
1,2,4,5-Tetramethylbenzene	Lin	2.011	2.094		18.0	20.0	-12.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2148	0.1943		18.0	20.0	-9.5	30.0
Nitrobenzene	Lin	0.0788	0.0668		140	200	-31.8*	30.0
Hexachlorobutadiene	Ave	0.4879	0.4220		17.0	20.0	-13.5	30.0
1,2,4-Trichlorobenzene	Lin	1.052	1.036		18.0	20.0	-10.4	30.0
Naphthalene	Lin	3.384	3.183		17.0	20.0	-15.1	30.0
1,2,3-Trichlorobenzene	Lin	1.036	1.024		18.0	20.0	-10.6	30.0
Dibromofluoromethane	Ave	0.3036	0.2836		23.0	25.0	-6.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3644	0.3404		23.0	25.0	-6.6	30.0
Toluene-d8 (Surr)	Ave	1.298	1.225		24.0	25.0	-5.6	30.0
4-Bromofluorobenzene	Ave	0.8991	0.7365		20.0	25.0	-18.1	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W3948.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 23-MAR-2009 09:08 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W8260LOW.m
Meth Date : 23-Mar-2009 09:28 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 41 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	847637	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.205)	199851	20.0000	32
3	Chloromethane	50	1.132	1.132	(0.228)	258034	20.0000	23
4	Vinyl Chloride	62	1.175	1.175	(0.237)	220846	20.0000	24
5	Bromomethane	94	1.367	1.367	(0.276)	94113	20.0000	19
6	Chloroethane	64	1.448	1.448	(0.292)	120238	20.0000	20
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	345167	20.0000	32
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	362839	20.0000	23
9	Ethyl Ether	45	1.737	1.737	(0.350)	201637	20.0000	20
10	Ethanol	45	1.795	1.795	(0.362)	107780	200.000	260
11	Freon 141	81	1.795	1.795	(0.362)	401044	20.0000	24
12	Freon 123	67	1.913	1.913	(0.386)	53314	20.0000	24
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	219014	20.0000	29
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	203895	20.0000	22
15	Carbon Disulfide	76	1.886	1.886	(0.381)	791013	20.0000	23
16	Iodomethane	142	1.967	1.967	(0.397)	258474	20.0000	18
17	Acrolein	56	2.111	2.111	(0.426)	194312	100.000	82
18	2-Propanol	45	2.255	2.255	(0.455)	24887	20.0000	18
19	3-Chloro-1-Propene	41	2.218	2.218	(0.447)	468793	20.0000	22
20	Methylene Chloride	84	2.304	2.304	(0.465)	266100	20.0000	18
21	Acetone	43	2.346	2.346	(0.473)	117755	20.0000	19
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	250060	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.453	2.453	(0.495)	930637	20.0000	19
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	826651	20.0000	19
	25 tert-Butyl alcohol	59	2.641	2.641	(0.533)	151941	100.000	73
	26 Acetonitrile	41	2.742	2.742	(0.553)	496369	200.000	180
	27 Isopropyl ether	45	2.913	2.913	(0.588)	939545	20.0000	20
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	863733	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.603)	177093	20.0000	19
	30 Acrylonitrile	53	3.058	3.058	(0.617)	256012	40.0000	36
	31 1,1-Dichloroethane	63	3.004	3.004	(0.606)	486885	20.0000	21
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	786383	20.0000	19
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	281381	20.0000	20
	34 2,2-Dichloropropane	77	3.678	3.678	(0.742)	359261	20.0000	23
	35 Bromochloromethane	128	3.775	3.775	(0.762)	148991	20.0000	20
	36 1-Bromopropane	43	3.759	3.759	(0.758)	434996	20.0000	22
	37 Cyclohexane	84	3.780	3.780	(0.763)	315884	20.0000	26
	38 Chloroform	83	3.876	3.876	(0.782)	446018	20.0000	20
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	302276	40.0000	39
	40 Methyl Acrylate	55	4.037	4.037	(0.814)	272053	20.0000	17
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	240384	20.0000	23
	42 Tetrahydrofuran	42	4.032	4.032	(0.813)	252741	40.0000	36
	43 Carbon Tetrachloride	117	4.005	4.005	(0.808)	307629	20.0000	21
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.823)	357499	20.0000	22
	45 2-Butanone	43	4.213	4.213	(0.850)	142158	20.0000	19
	46 1,1-Dichloropropene	75	4.219	4.219	(0.851)	325564	20.0000	21
	47 tert-Amyl methyl ether	73	4.657	4.657	(0.940)	763879	20.0000	19
	48 tert-Butyl formate	57	4.839	4.839	(0.976)	46792	20.0000	28
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	498192	20.0000	21
	50 Heptane	43	4.508	4.508	(0.909)	241690	20.0000	26
	51 Propionitrile	54	4.513	4.513	(0.910)	480215	200.000	190
	52 Benzene	78	4.486	4.486	(0.905)	1023186	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.540	4.540	(0.916)	225896	20.0000	17(M)
	54 Isobutyl alcohol	42	4.652	4.652	(0.938)	47914	200.000	210
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	288548	20.0000	23
	56 1,2-Dichloroethane	62	4.711	4.711	(0.950)	382022	20.0000	20
	59 Methyl Cyclohexane	83	5.134	5.134	(1.036)	294624	20.0000	24
	60 Trichloroethene	130	5.155	5.155	(1.040)	267286	20.0000	20
	61 Isopropyl Acetate	43	5.075	5.075	(1.024)	817545	40.0000	35
	62 n-Butanol	56	5.642	5.642	(1.138)	51819	200.000	130
	63 Dibromomethane	93	5.610	5.610	(1.132)	171570	20.0000	20
	64 1,2-Dichloropropane	63	5.733	5.733	(1.156)	276002	20.0000	20
	65 Bromodichloromethane	83	5.834	5.834	(1.177)	332797	20.0000	20
	66 Methyl Methacrylate	69	6.080	6.080	(1.227)	189061	20.0000	16
	67 1,4-Dioxane	58	6.080	6.080	(1.227)	21905	200.000	150
	68 n-Propyl Acetate	43	6.268	6.268	(1.264)	319776	40.0000	33
	69 2-Chloroethylvinylether	63	6.557	6.557	(1.323)	171820	20.0000	17
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	426772	20.0000	20
	71 Chloroacetonitrile	48	7.070	7.070	(1.426)	109446	200.000	160
	72 2-Nitropropane	41	7.134	7.134	(1.439)	180103	40.0000	36
	73 trans-1,3-Dichloropropene	75	7.391	7.391	(1.491)	412378	20.0000	19
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	237346	20.0000	19
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	725569	25.0000	
	76 Toluene	91	6.862	6.862	(0.789)	1032020	20.0000	19
$	77 Toluene-d8	98	6.803	6.803	(0.782)	888679	20.0000	24
	78 1,1-Dichloro-2-propanone	43	7.150	7.150	(0.822)	848129	100.000	84

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	79	4-Methyl-2-Pentanone	43	7.364	7.364	(0.846)	272354	20.0000	16
	80	Tetrachloroethene	164	7.316	7.316	(0.841)	192290	20.0000	19
	81	Ethyl Methacrylate	69	7.664	7.664	(0.881)	321795	20.0000	16
	82	Dibromochloromethane	129	7.771	7.771	(0.893)	270405	20.0000	19
	83	1,3-Dichloropropane	76	7.894	7.894	(0.907)	438859	20.0000	19
	84	1,2-Dibromoethane	107	8.022	8.022	(0.922)	247267	20.0000	18
	85	n-Butyl Acetate	56	8.771	8.771	(1.008)	114742	20.0000	22(M)
	86	2-Hexanone	43	8.424	8.424	(0.968)	209031	20.0000	16
	87	1-Chlorohexane	91	8.777	8.777	(1.009)	201414	20.0000	16(M)
	88	Chlorobenzene	112	8.723	8.723	(1.002)	686176	20.0000	19
	89	1,1,1,2-Tetrachloroethane	131	8.830	8.830	(1.015)	247769	20.0000	19
	90	Ethylbenzene	106	8.803	8.803	(1.012)	347933	20.0000	20
	91	Xylene (total)mp	106	9.007	9.007	(1.035)	843247	40.0000	37
	92	Xylene (total)o	106	9.510	9.510	(1.093)	401603	20.0000	19
	93	Styrene	104	9.574	9.574	(1.100)	645460	20.0000	17
	94	Bromoform	173	9.558	9.558	(1.098)	183249	20.0000	16
*	95	1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	386390	25.0000	
	96	Isopropylbenzene	105	9.863	9.863	(0.887)	862237	20.0000	18
	97	Bromobenzene	156	10.194	10.194	(0.917)	293350	20.0000	19
	98	1,1,2,2-Tetrachloroethane	83	10.350	10.350	(0.931)	298743	20.0000	19
	99	4-Ethyltoluene	105	10.387	10.387	(0.935)	893961	20.0000	19
	100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	101946	20.0000	18
	101	trans-1,4-Dichloro-2-Butene	53	10.505	10.505	(0.945)	161016	40.0000	39
	102	n-Propylbenzene	91	10.275	10.275	(0.924)	1013320	20.0000	19
	103	2-Chlorotoluene	91	10.387	10.387	(0.935)	779647	20.0000	20
	104	4-Chlorotoluene	91	10.547	10.547	(0.949)	736676	20.0000	21
	105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	760994	20.0000	19
	106	tert-Butylbenzene	119	10.745	10.745	(0.967)	583961	20.0000	18
	107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	775279	20.0000	19
	108	sec-Butylbenzene	105	10.901	10.901	(0.981)	790518	20.0000	18
	109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	692206	20.0000	18
	110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	482178	20.0000	20
	111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	503144	20.0000	19
	112	1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	476746	20.0000	19
	113	Benzyl Chloride	126	11.339	11.339	(1.020)	143321	20.0000	20
	114	1,4-Diethylbenzene	119	11.334	11.334	(1.020)	372985	20.0000	18
	115	n-Butylbenzene	91	11.377	11.377	(1.024)	636641	20.0000	19
	118	1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	647165	20.0000	18
	119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	60073	20.0000	18
	120	Nitrobenzene	77	12.479	12.479	(1.123)	206591	200.000	140
	121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	320322	20.0000	18
	122	Hexachlorobutadiene	225	12.564	12.564	(1.130)	130452	20.0000	17
	123	Naphthalene	128	12.800	12.800	(1.152)	983858	20.0000	17
	124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	316405	20.0000	18
$	125	Bromofluorobenzene	95	10.114	10.114	(0.910)	284555	20.0000	20
M	126	1,2-Dichloroethene (total)	100				531441	40.0000	41
M	127	Xylene (total)	100				1244850	60.0000	56

QC Flag Legend

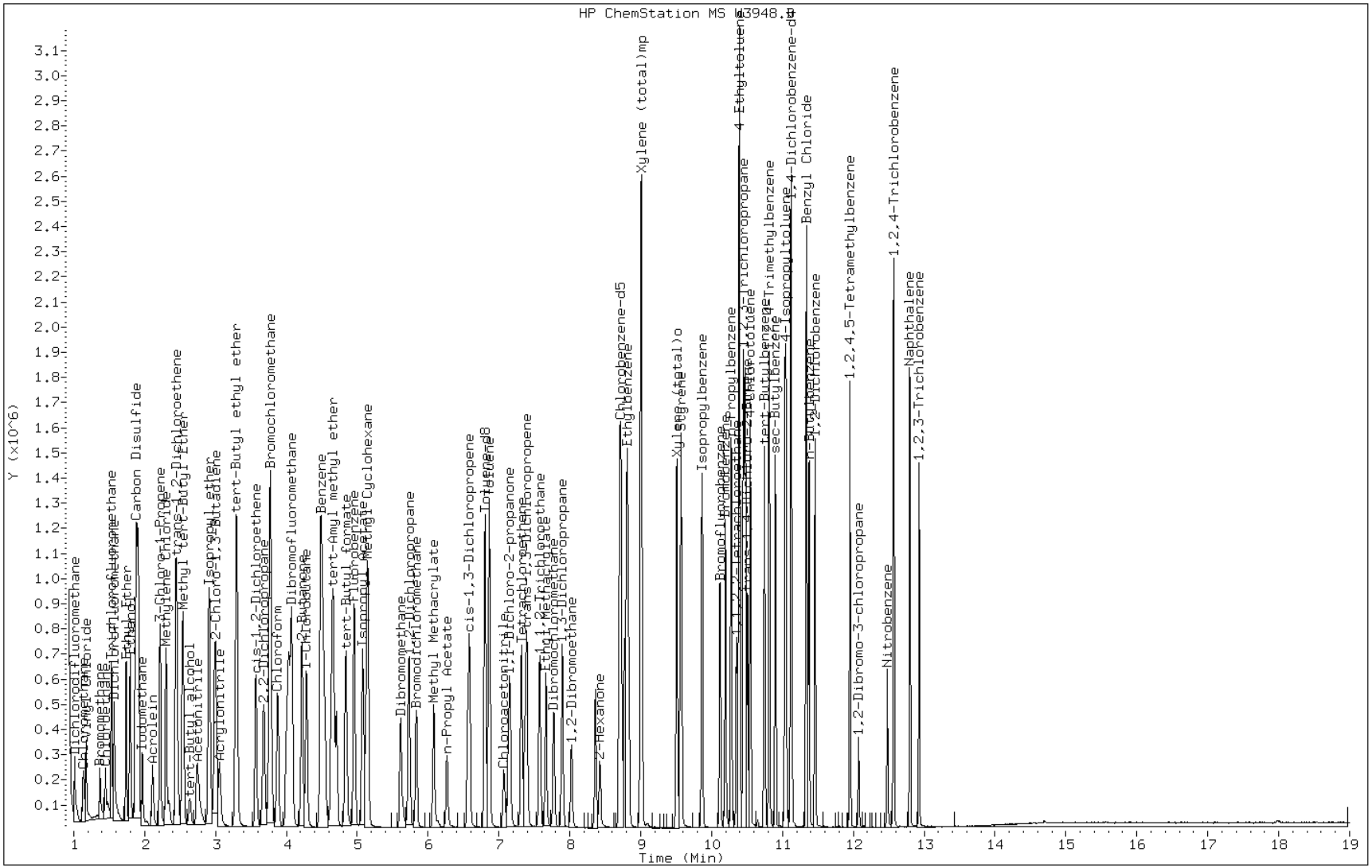
M - Compound response manually integrated.

Data File: W3948.D

Date: 23-MAR-2009 09:08

Client ID: CCVIS Instrument: msw.i

Sample Info: CCVIS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3948.D
Inj. Date and Time: 23-MAR-2009 09:08
Instrument ID: msw.i
Client ID: CCVIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/24/2009

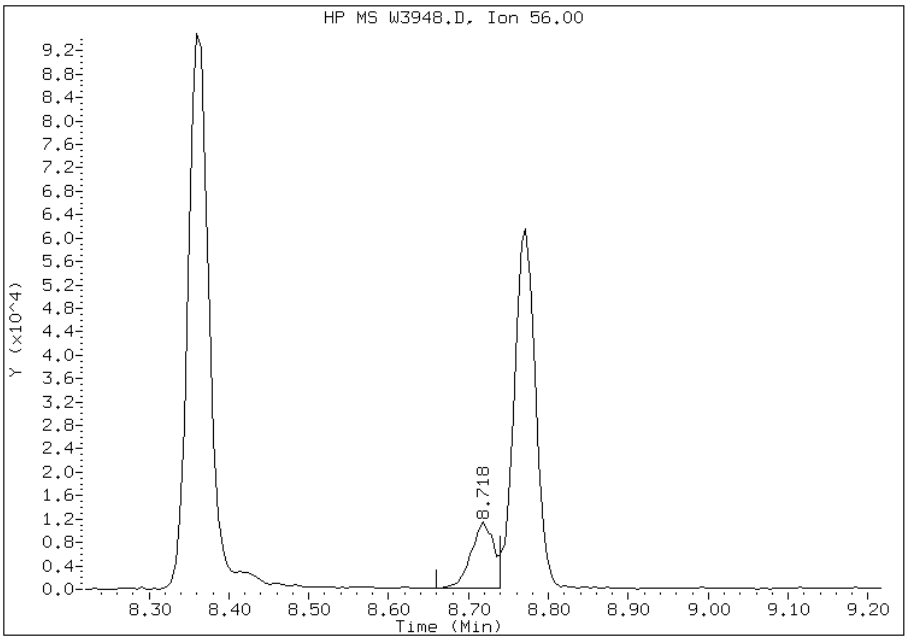
Processing Integration Results

RT: 8.72

Response: 23259

Amount: 4

Conc: 4



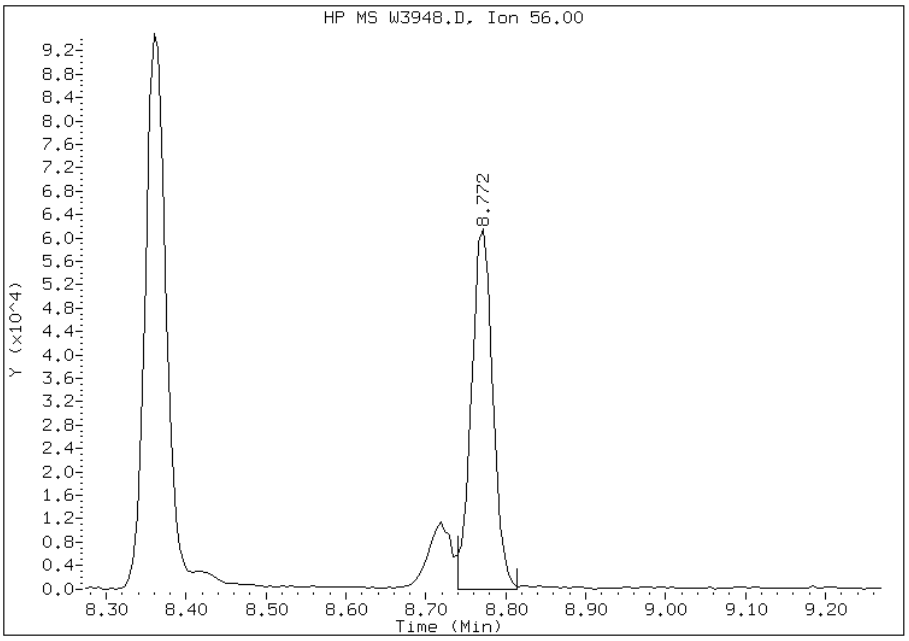
Manual Integration Results

RT: 8.77

Response: 114742

Amount: 22

Conc: 22



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: W3948.D
Inj. Date and Time: 23-MAR-2009 09:08
Instrument ID: msw.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/24/2009

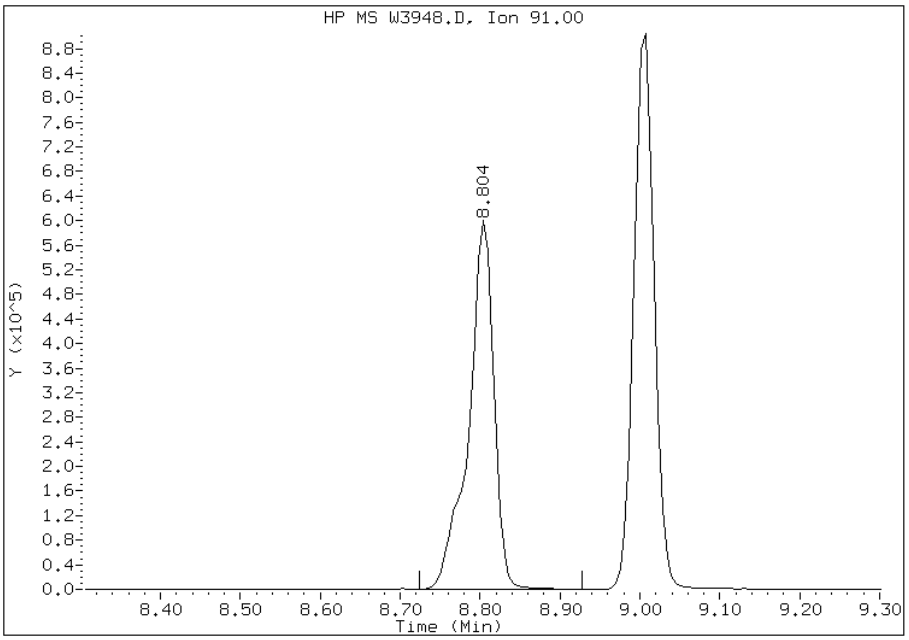
Processing Integration Results

RT: 8.80

Response: 1313361

Amount: 100

Conc: 100



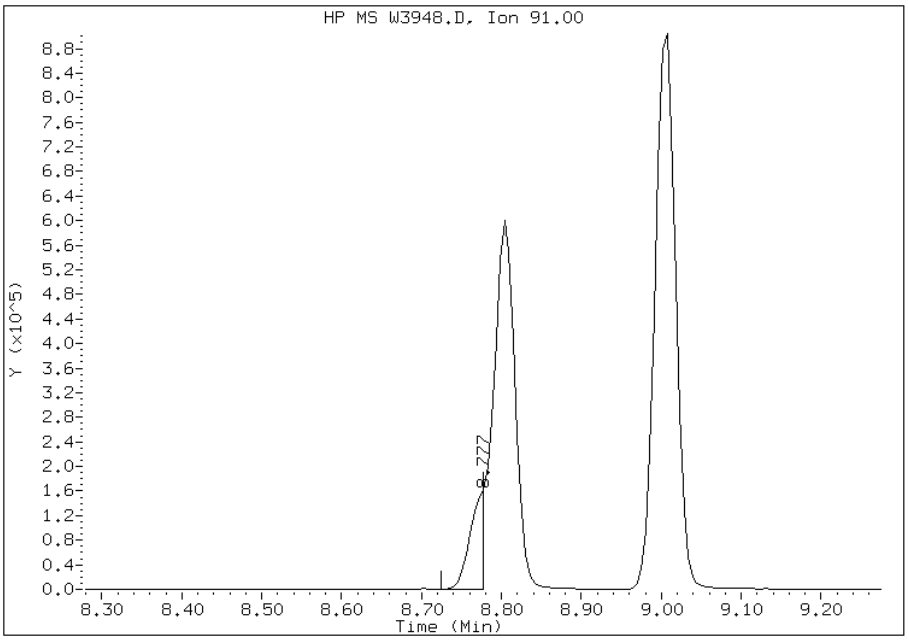
Manual Integration Results

RT: 8.78

Response: 201414

Amount: 16

Conc: 16



Manually Integrated By: barbara
Manual Integration Reason:

Manual Integration Report

Data File: W3948.D
Inj. Date and Time: 23-MAR-2009 09:08
Instrument ID: msw.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/24/2009

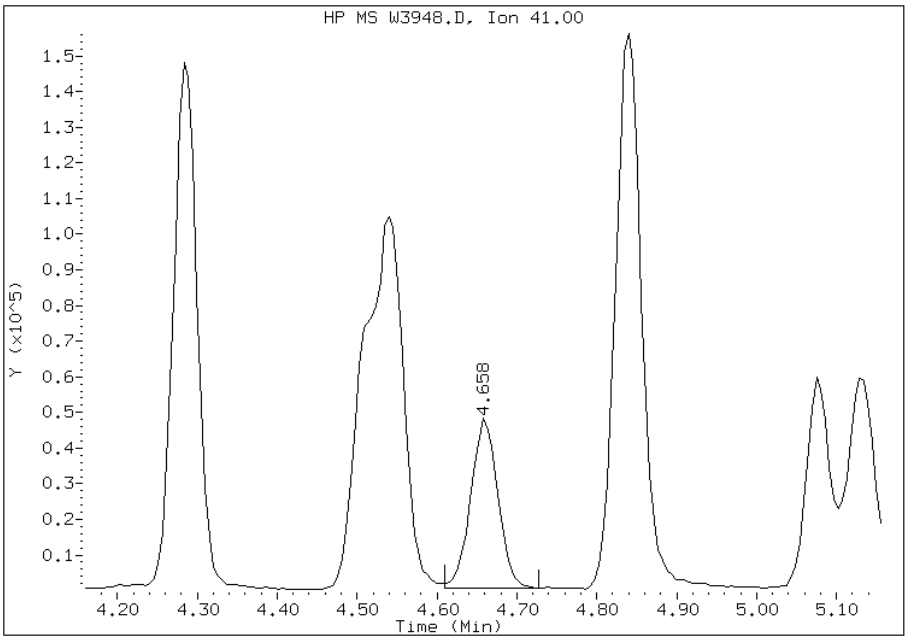
Processing Integration Results

RT: 4.66

Response: 111916

Amount: 9

Conc: 9



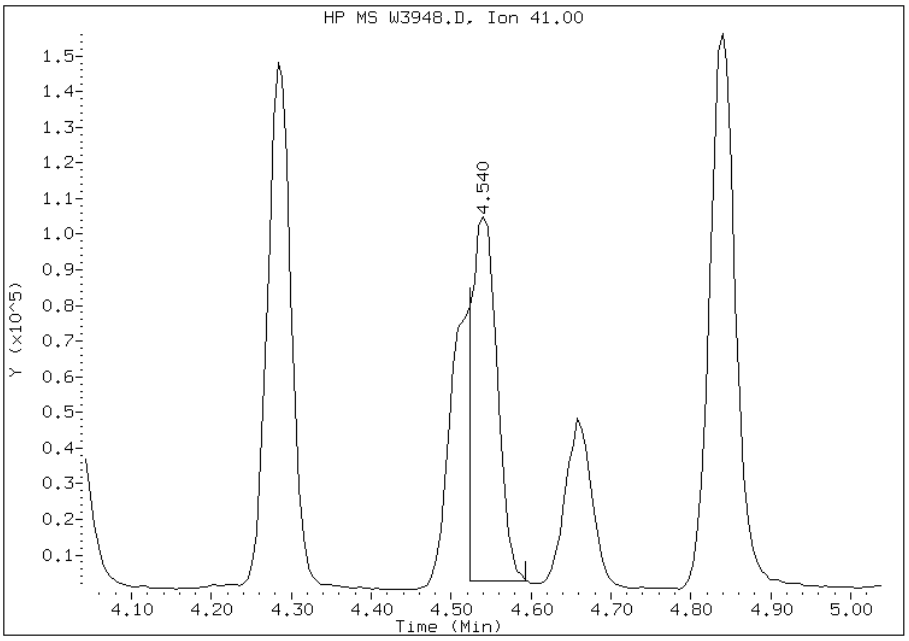
Manual Integration Results

RT: 4.54

Response: 225896

Amount: 17

Conc: 17



Manually Integrated By: barbara
Manual Integration Reason:

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25483/1 Calibration Date: 03/24/2009 09:29

Instrument ID: MSW Calib Start Date: 03/20/2009 20:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/20/2009 22:22

Lab File ID: W3985.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Hexachloroethane	Ave				5.00			30.0
Pentachloroethane	Ave				5.00			30.0
Dichlorodifluoromethane	Lin	0.1929	0.2764		30.0	20.0	48.0*	30.0
Chloromethane	Ave	0.3355	0.3657	0.1000	22.0	20.0	9.0	30.0
Vinyl chloride	Lin	0.2725	0.3162		23.0	20.0	14.9	20.0
Bromomethane	Ave	0.1439	0.1346		19.0	20.0	-6.5	30.0
Chloroethane	Qua	0.1581	0.1719		19.0	20.0	-5.6	30.0
Trichlorofluoromethane	Lin	0.3414	0.4999		31.0	20.0	56.3*	30.0
Dichlorofluoromethane	Ave	0.4652	0.5017		22.0	20.0	7.9	30.0
Ethyl ether	Ave	0.2930	0.2995		20.0	20.0	2.2	30.0
1,1-Dichloro-1-fluoroethane	Lin	0.4773	0.5426		22.0	20.0	11.1	30.0
Ethanol	Ave	0.0123	0.0146		240	200	18.2	30.0
1,1-Dichloroethene	Lin	0.2668	0.2691		19.0	20.0	-2.7	20.0
Carbon disulfide	Ave	1.008	1.058		21.0	20.0	5.0	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Lin	0.2194	0.2750		25.0	20.0	23.0	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Lin	0.0653	0.0724		22.0	20.0	9.9	30.0
Iodomethane	Lin	0.3257	0.3489		17.0	20.0	-16.2	30.0
Acrolein	Ave	0.0698	0.0587		84.0	100	-15.9	30.0
3-Chloro-1-propene	Ave	0.6395	0.6710		21.0	20.0	4.9	30.0
Isopropyl alcohol	Ave	0.0416	0.0386		19.0	20.0	-7.2	30.0
Methylene Chloride	Lin	0.5016	0.4010		19.0	20.0	-6.3	30.0
Acetone	Ave	0.1836	0.1812		20.0	20.0	-1.3	30.0
trans-1,2-Dichloroethene	Ave	0.3510	0.3525		20.0	20.0	0.4	30.0
Methyl acetate	Ave	1.437	1.407		20.0	20.0	-2.1	30.0
Methyl tert-butyl ether	Ave	1.289	1.234		19.0	20.0	-4.3	30.0
2-Methyl-2-propanol	Ave	0.0614	0.0488		80.0	100	-20.5	30.0
Acetonitrile	Ave	0.0787	0.0754		190	200	-4.3	30.0
Isopropyl ether	Ave	1.383	1.366		20.0	20.0	-1.2	30.0
2-Chloro-1,3-butadiene	Lin	0.2470	0.2370		18.0	20.0	-11.5	30.0
1,1-Dichloroethane	Ave	0.6834	0.6995	0.1000	20.0	20.0	2.4	30.0
Acrylonitrile	Lin	0.1887	0.1904		36.0	40.0	-10.1	30.0
Tert-butyl ethyl ether	Ave	1.292	1.248		19.0	20.0	-3.4	30.0
Vinyl acetate	Lin	1.114	1.151		19.0	20.0	-6.2	30.0
cis-1,2-Dichloroethene	Ave	0.4213	0.4068		19.0	20.0	-3.5	30.0
2,2-Dichloropropane	Ave	0.4656	0.4906		21.0	20.0	5.4	30.0
1-Bromopropane	Ave	0.5855	0.5887		20.0	20.0	0.5	30.0
Chlorobromomethane	Ave	0.2240	0.2198		20.0	20.0	-1.9	30.0
Cyclohexane	Lin	0.3461	0.3862		21.0	20.0	6.3	30.0
Chloroform	Ave	0.6641	0.6559		20.0	20.0	-1.2	20.0
Carbon tetrachloride	Lin	0.4030	0.4045		19.0	20.0	-4.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25483/1 Calibration Date: 03/24/2009 09:29

Instrument ID: MSW Calib Start Date: 03/20/2009 20:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/20/2009 22:22

Lab File ID: W3985.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
Tetrahydrofuran	Ave	0.2041	0.1945		38.0	40.0	-4.7	30.0
Methyl acrylate	Lin	0.4207	0.4125		17.0	20.0	-13.1	30.0
Ethyl acetate	Ave	0.2306	0.2289		40.0	40.0	-0.7	30.0
1,1,1-Trichloroethane	Ave	0.4878	0.4898		20.0	20.0	0.4	30.0
1,1-Dichloropropene	Lin	0.4394	0.4345		19.0	20.0	-5.6	30.0
2-Butanone (MEK)	Ave	0.2186	0.2115		19.0	20.0	-3.3	30.0
1-Chlorobutane	Lin	0.6631	0.6746		19.0	20.0	-3.5	30.0
Benzene	Ave	1.501	1.465		20.0	20.0	-2.4	30.0
n-Heptane	Lin	0.2517	0.2909		21.0	20.0	6.5	30.0
Propionitrile	Ave	0.0750	0.0713		190	200	-4.9	30.0
Methacrylonitrile	Lin	0.3563	0.3576		18.0	20.0	-8.1	30.0
Isobutyl alcohol	Ave	0.0066	0.0073		220	200	10.0	30.0
Tert-amyl methyl ether	Ave	1.189	1.113		19.0	20.0	-6.4	30.0
1,2-Dichloroethane	Ave	0.5479	0.5752		21.0	20.0	5.0	30.0
tert-Butyl Formate	Lin	0.0438	0.0665		27.0	20.0	34.2*	30.0
Isopropyl acetate	Lin	0.6205	0.6111		36.0	40.0	-10.4	30.0
Methylcyclohexane	Lin	0.3286	0.3650		20.0	20.0	1.7	30.0
Trichloroethene	Ave	0.3919	0.3789		19.0	20.0	-3.3	30.0
Dibromomethane	Ave	0.2557	0.2560		20.0	20.0	0.1	30.0
n-Butanol	Lin	0.0103	0.0093		150	200	-25.0	30.0
1,2-Dichloropropane	Ave	0.4105	0.4037		20.0	20.0	-1.7	20.0
Dichlorobromomethane	Ave	0.4831	0.4913		20.0	20.0	1.7	30.0
Methyl methacrylate	Lin	0.3024	0.2818		16.0	20.0	-18.6	30.0
1,4-Dioxane	Ave	0.0042	0.0035		170	200	-15.7	30.0
n-Propyl acetate	Lin	0.2493	0.2335		33.0	40.0	-17.5	30.0
2-Chloroethyl vinyl ether	Lin	0.2673	0.2513		17.0	20.0	-16.1	30.0
cis-1,3-Dichloropropene	Ave	0.6152	0.6283		20.0	20.0	2.1	30.0
Toluene	Ave	1.825	1.645		18.0	20.0	-9.9	20.0
Chloroacetonitrile	Lin	0.0162	0.0169		170	200	-13.9	30.0
2-Nitropropane	Lin	0.1311	0.1354		37.0	40.0	-8.2	30.0
1,1-Dichloroacetone	Lin	0.3074	0.2925		84.0	100	-15.9	30.0
Tetrachloroethene	Lin	0.3375	0.2864		16.0	20.0	-19.4	30.0
4-Methyl-2-pentanone (MIBK)	Lin	0.5311	0.4764		16.0	20.0	-20.0	30.0
trans-1,3-Dichloropropene	Lin	0.5709	0.6046		19.0	20.0	-5.3	30.0
1,1,2-Trichloroethane	Ave	0.3617	0.3563		20.0	20.0	-1.5	30.0
Ethyl methacrylate	Lin	0.6053	0.5357		15.0	20.0	-24.4	30.0
Chlorodibromomethane	Ave	0.4831	0.4502		19.0	20.0	-6.8	30.0
1,3-Dichloropropane	Ave	0.7943	0.7443		19.0	20.0	-6.3	30.0
Ethylene Dibromide	Ave	0.4592	0.4133		18.0	20.0	-10.0	30.0
2-Hexanone	Lin	0.3887	0.3557		16.0	20.0	-19.1	30.0
Chlorobenzene	Ave	1.258	1.112	0.3000	18.0	20.0	-11.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: CCVIS 220-25483/1 Calibration Date: 03/24/2009 09:29

Instrument ID: MSW Calib Start Date: 03/20/2009 20:10

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 03/20/2009 22:22

Lab File ID: W3985.D Conc. Units: ug/L Heated Purge: (Y/N) N

Analyte	Curve Type	Ave RRF	RRF	Min RRF	Calc Amount	Ccal Amount	% D	Max % D
n-Butyl acetate	Ave	0.1817	0.1602		18.0	20.0	-11.9	30.0
1-Chlorohexane	Lin	0.3866	0.3014		14.0	20.0	-29.2	30.0
Ethylbenzene	Ave	0.6133	0.5444		18.0	20.0	-11.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4441	0.4074		18.0	20.0	-8.3	30.0
m-Xylene & p-Xylene	Lin	0.7336	0.6591		33.0	40.0	-16.9	30.0
o-Xylene	Ave	0.7218	0.6292		17.0	20.0	-12.8	30.0
Bromoform	Lin	0.3387	0.3051	0.1000	16.0	20.0	-20.4	30.0
Styrene	Lin	1.127	1.042		16.0	20.0	-19.6	30.0
Isopropylbenzene	Lin	2.826	2.372		15.0	20.0	-23.2	30.0
Bromobenzene	Ave	0.9870	0.8654		18.0	20.0	-12.3	30.0
N-Propylbenzene	Lin	3.107	2.782		16.0	20.0	-18.9	30.0
1,1,2,2-Tetrachloroethane	Ave	1.020	0.9061	0.3000	18.0	20.0	-11.2	30.0
2-Chlorotoluene	Ave	2.457	2.256		18.0	20.0	-8.2	30.0
4-Ethyltoluene	Lin	2.737	2.481		16.0	20.0	-18.9	30.0
1,2,3-Trichloropropane	Ave	0.3595	0.3137		17.0	20.0	-12.8	30.0
1,3,5-Trimethylbenzene	Lin	2.334	2.147		17.0	20.0	-16.8	30.0
trans-1,4-Dichloro-2-butene	Lin	0.2407	0.2507		38.0	40.0	-5.8	30.0
4-Chlorotoluene	Ave	2.307	2.139		19.0	20.0	-7.3	30.0
tert-Butylbenzene	Lin	1.876	1.560		15.0	20.0	-24.9	30.0
1,2,4-Trimethylbenzene	Lin	2.394	2.211		17.0	20.0	-16.9	30.0
sec-Butylbenzene	Lin	2.468	2.154		16.0	20.0	-21.8	30.0
4-Isopropyltoluene	Lin	2.148	1.874		15.0	20.0	-23.2	30.0
1,3-Dichlorobenzene	Ave	1.584	1.432		18.0	20.0	-9.6	30.0
1,4-Dichlorobenzene	Ave	1.677	1.492		18.0	20.0	-11.0	30.0
p-Diethylbenzene	Lin	1.154	1.016		15.0	20.0	-23.6	30.0
Benzyl chloride	Lin	0.4159	0.4295		18.0	20.0	-8.9	30.0
n-Butylbenzene	Lin	1.910	1.731		16.0	20.0	-18.4	30.0
1,2-Dichlorobenzene	Ave	1.603	1.418		18.0	20.0	-11.6	30.0
1,2,4,5-Tetramethylbenzene	Lin	2.011	1.790		15.0	20.0	-24.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2148	0.1887		18.0	20.0	-12.2	30.0
Nitrobenzene	Lin	0.0788	0.0652		130	200	-33.0*	30.0
Hexachlorobutadiene	Ave	0.4879	0.3411		14.0	20.0	-30.1*	30.0
1,2,4-Trichlorobenzene	Lin	1.052	0.9153		16.0	20.0	-20.5	30.0
Naphthalene	Lin	3.384	2.923		16.0	20.0	-21.8	30.0
1,2,3-Trichlorobenzene	Lin	1.036	0.9225		16.0	20.0	-19.1	30.0
Dibromofluoromethane	Ave	0.3036	0.2827		23.0	25.0	-6.9	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3644	0.3401		23.0	25.0	-6.7	30.0
Toluene-d8 (Surr)	Ave	1.298	1.178		23.0	25.0	-9.3	30.0
4-Bromofluorobenzene	Ave	0.8991	0.6768		19.0	25.0	-24.7	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3985.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 24-MAR-2009 09:29 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 38 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	835232	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.205)	184664	20.0000	30
3	Chloromethane	50	1.137	1.137	(0.230)	244342	20.0000	22
4	Vinyl Chloride	62	1.175	1.175	(0.237)	211303	20.0000	23
5	Bromomethane	94	1.373	1.373	(0.277)	89920	20.0000	19
6	Chloroethane	64	1.448	1.448	(0.292)	114882	20.0000	19
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	334033	20.0000	31
8	Dichlorofluoromethane	67	1.571	1.571	(0.317)	335233	20.0000	22
9	Ethyl Ether	45	1.742	1.742	(0.351)	200136	20.0000	20
10	Ethanol	45	1.795	1.795	(0.362)	97521	200.000	240
11	Freon 141	81	1.795	1.795	(0.362)	362582	20.0000	22
12	Freon 123	67	1.913	1.913	(0.386)	48392	20.0000	22
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	183760	20.0000	24
14	1,1-Dichloroethene	96	1.870	1.870	(0.377)	179825	20.0000	19
15	Carbon Disulfide	76	1.886	1.886	(0.381)	707161	20.0000	21
16	Iodomethane	142	1.972	1.972	(0.398)	233116	20.0000	17
17	Acrolein	56	2.111	2.111	(0.426)	196250	100.000	84
18	2-Propanol	45	2.255	2.255	(0.455)	25819	20.0000	18
19	3-Chloro-1-Propene	41	2.223	2.223	(0.449)	448341	20.0000	21
20	Methylene Chloride	84	2.304	2.304	(0.465)	267961	20.0000	19
21	Acetone	43	2.346	2.346	(0.473)	121083	20.0000	20
22	trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	235561	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	23 Methyl Acetate	43	2.459	2.459	(0.496)	939809	20.0000	20
	24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	824337	20.0000	19
	25 tert-Butyl alcohol	59	2.641	2.641	(0.533)	163035	100.000	80
	26 Acetonitrile	41	2.742	2.742	(0.553)	503524	200.000	190
	27 Isopropyl ether	45	2.913	2.913	(0.588)	912999	20.0000	20
	28 tert-Butyl ethyl ether	59	3.293	3.293	(0.664)	833802	20.0000	19
	29 2-Chloro-1,3-Butadiene	88	2.988	2.988	(0.603)	158375	20.0000	18
	30 Acrylonitrile	53	3.058	3.058	(0.617)	254476	40.0000	36
	31 1,1-Dichloroethane	63	3.010	3.010	(0.607)	467414	20.0000	20
	32 Vinyl Acetate	43	3.299	3.299	(0.665)	769400	20.0000	19
	33 cis-1,2-Dichloroethene	96	3.571	3.571	(0.721)	271787	20.0000	19
	34 2,2-Dichloropropane	77	3.684	3.684	(0.743)	327792	20.0000	21
	35 Bromochloromethane	128	3.775	3.775	(0.762)	146856	20.0000	20
	36 1-Bromopropane	43	3.759	3.759	(0.758)	393365	20.0000	20
	37 Cyclohexane	84	3.780	3.780	(0.763)	258065	20.0000	21
	38 Chloroform	83	3.876	3.876	(0.782)	438246	20.0000	20
	39 Ethyl Acetate	43	4.042	4.042	(0.815)	305845	40.0000	40
	40 Methyl Acrylate	55	4.037	4.037	(0.814)	275652	20.0000	17
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	236149	20.0000	23
	42 Tetrahydrofuran	42	4.031	4.031	(0.813)	259873	40.0000	38
	43 Carbon Tetrachloride	117	4.005	4.005	(0.808)	270256	20.0000	19
	44 1,1,1-Trichloroethane	97	4.080	4.080	(0.823)	327291	20.0000	20
	45 2-Butanone	43	4.219	4.219	(0.851)	141286	20.0000	19
	46 1,1-Dichloropropene	75	4.219	4.219	(0.851)	290334	20.0000	19
	47 tert-Amyl methyl ether	73	4.663	4.663	(0.941)	744019	20.0000	19
	48 tert-Butyl formate	57	4.839	4.839	(0.976)	44428	20.0000	27
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	450749	20.0000	19
	50 Heptane	43	4.508	4.508	(0.909)	194387	20.0000	21
	51 Propionitrile	54	4.513	4.513	(0.910)	476582	200.000	190
	52 Benzene	78	4.486	4.486	(0.905)	978907	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.545	4.545	(0.917)	238911	20.0000	18(M)
	54 Isobutyl alcohol	42	4.657	4.657	(0.940)	48476	200.000	220
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	284097	20.0000	23
	56 1,2-Dichloroethane	62	4.711	4.711	(0.950)	384361	20.0000	21
	59 Methyl Cyclohexane	83	5.134	5.134	(1.036)	243857	20.0000	20
	60 Trichloroethene	130	5.150	5.150	(1.039)	253147	20.0000	19
	61 Isopropyl Acetate	43	5.075	5.075	(1.024)	816616	40.0000	36
	62 n-Butanol	56	5.647	5.647	(1.139)	61897	200.000	150
	63 Dibromomethane	93	5.610	5.610	(1.132)	171042	20.0000	20
	64 1,2-Dichloropropane	63	5.733	5.733	(1.156)	269740	20.0000	20
	65 Bromodichloromethane	83	5.834	5.834	(1.177)	328277	20.0000	20
	66 Methyl Methacrylate	69	6.080	6.080	(1.227)	188260	20.0000	16
	67 1,4-Dioxane	58	6.086	6.086	(1.228)	23588	200.000	170
	68 n-Propyl Acetate	43	6.262	6.262	(1.263)	311995	40.0000	33
	69 2-Chloroethylvinylether	63	6.557	6.557	(1.323)	167920	20.0000	17
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	419800	20.0000	20
	71 Chloroacetonitrile	48	7.070	7.070	(1.426)	112902	200.000	170
	72 2-Nitropropane	41	7.134	7.134	(1.439)	180919	40.0000	37
	73 trans-1,3-Dichloropropene	75	7.391	7.391	(1.491)	403981	20.0000	19
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	238083	20.0000	20
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	735873	25.0000	
	76 Toluene	91	6.861	6.861	(0.789)	968376	20.0000	18
$	77 Toluene-d8	98	6.803	6.803	(0.782)	866581	20.0000	23
	78 1,1-Dichloro-2-propanone	43	7.150	7.150	(0.822)	860906	100.000	84

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
79	4-Methyl-2-Pentanone	43	7.364	7.364	(0.846)	280444	20.0000	16
80	Tetrachloroethene	164	7.316	7.316	(0.841)	168584	20.0000	16
81	Ethyl Methacrylate	69	7.664	7.664	(0.881)	315380	20.0000	15
82	Dibromochloromethane	129	7.771	7.771	(0.893)	265014	20.0000	19
83	1,3-Dichloropropane	76	7.894	7.894	(0.907)	438163	20.0000	19
84	1,2-Dibromoethane	107	8.022	8.022	(0.922)	243301	20.0000	18
85	n-Butyl Acetate	56	8.771	8.771	(1.008)	94295	20.0000	18(M)
86	2-Hexanone	43	8.424	8.424	(0.968)	209424	20.0000	16
87	1-Chlorohexane	91	8.777	8.777	(1.009)	177430	20.0000	14(M)
88	Chlorobenzene	112	8.723	8.723	(1.002)	654596	20.0000	18
89	1,1,1,2-Tetrachloroethane	131	8.825	8.825	(1.014)	239804	20.0000	18
90	Ethylbenzene	106	8.803	8.803	(1.012)	320510	20.0000	18
91	Xylene (total)mp	106	9.007	9.007	(1.035)	776026	40.0000	33
92	Xylene (total)o	106	9.510	9.510	(1.093)	370427	20.0000	17
93	Styrene	104	9.568	9.568	(1.100)	613402	20.0000	16
94	Bromoform	173	9.558	9.558	(1.098)	179627	20.0000	16
* 95	1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	403267	25.0000	
96	Isopropylbenzene	105	9.863	9.863	(0.887)	765193	20.0000	15
97	Bromobenzene	156	10.194	10.194	(0.917)	279199	20.0000	18
98	1,1,2,2-Tetrachloroethane	83	10.349	10.349	(0.931)	292334	20.0000	18
99	4-Ethyltoluene	105	10.387	10.387	(0.935)	800302	20.0000	16
100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	101201	20.0000	17
101	trans-1,4-Dichloro-2-Butene	53	10.505	10.505	(0.945)	161763	40.0000	38
102	n-Propylbenzene	91	10.275	10.275	(0.924)	897397	20.0000	16
103	2-Chlorotoluene	91	10.387	10.387	(0.935)	727919	20.0000	18
104	4-Chlorotoluene	91	10.542	10.542	(0.949)	690146	20.0000	18
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	692590	20.0000	17
106	tert-Butylbenzene	119	10.745	10.745	(0.967)	503156	20.0000	15
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	713258	20.0000	17
108	sec-Butylbenzene	105	10.901	10.901	(0.981)	694902	20.0000	16
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	604478	20.0000	15
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	462084	20.0000	18
111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	481432	20.0000	18
112	1,2-Dichlorobenzene	146	11.457	11.457	(1.031)	457357	20.0000	18
113	Benzyl Chloride	126	11.339	11.339	(1.020)	138547	20.0000	18
114	1,4-Diethylbenzene	119	11.334	11.334	(1.020)	327632	20.0000	15
115	n-Butylbenzene	91	11.371	11.371	(1.023)	558399	20.0000	16
118	1,2,4,5-Tetramethylbenzene	119	11.949	11.949	(1.075)	577536	20.0000	15
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	60865	20.0000	18
120	Nitrobenzene	77	12.479	12.479	(1.123)	210396	200.000	130
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	295274	20.0000	16
122	Hexachlorobutadiene	225	12.564	12.564	(1.130)	110050	20.0000	14
123	Naphthalene	128	12.794	12.794	(1.151)	943054	20.0000	16
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	297601	20.0000	16
$ 125	Bromofluorobenzene	95	10.114	10.114	(0.910)	272948	20.0000	19
M 126	1,2-Dichloroethene (total)	100				507348	40.0000	39
M 127	Xylene (total)	100				1146453	60.0000	51

QC Flag Legend

M - Compound response manually integrated.

Data File: W3985.D

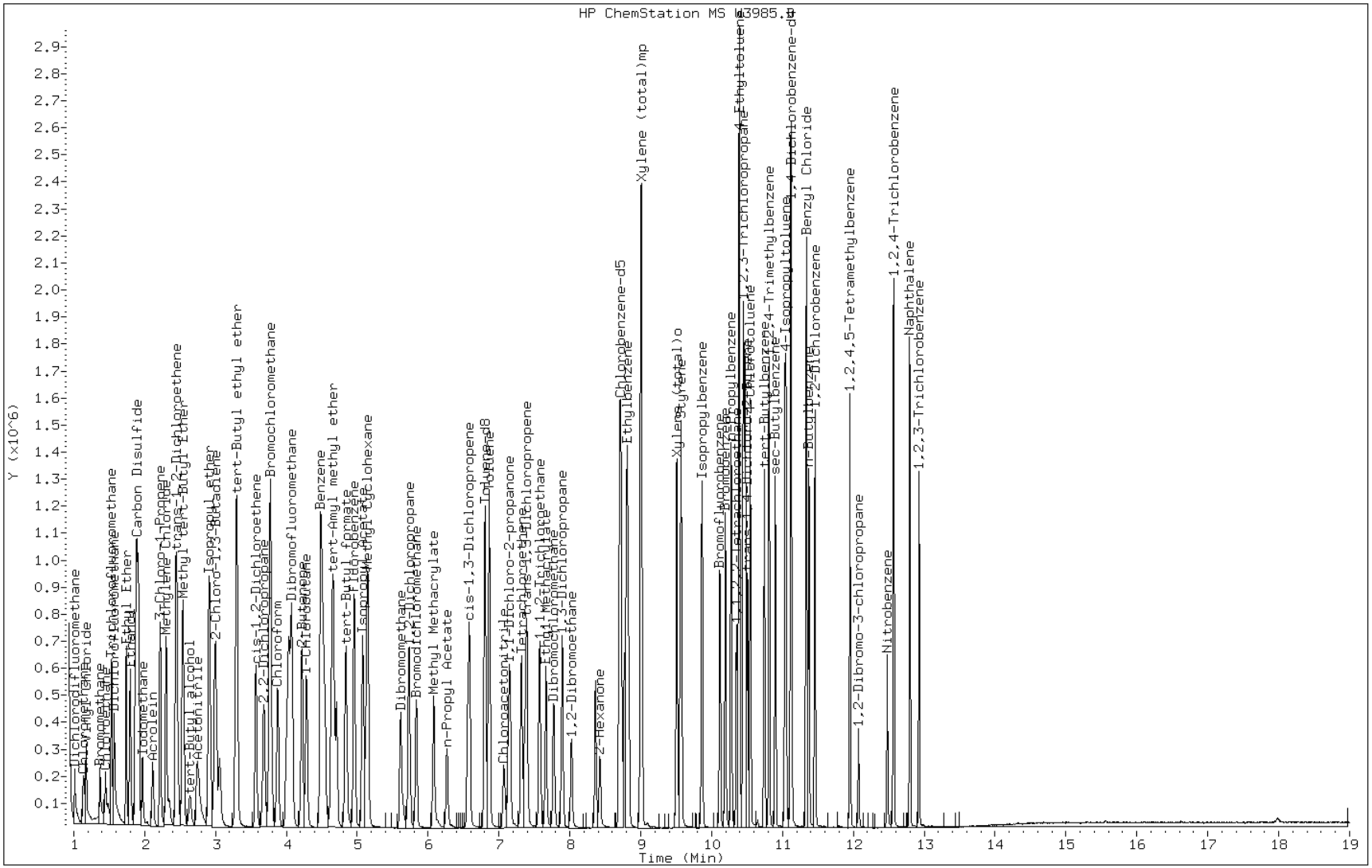
Date: 24-MAR-2009 09:29

Client ID: CCVIS

Instrument: msw.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: W3985.D
Inj. Date and Time: 24-MAR-2009 09:29
Instrument ID: msw.i
Client ID: CCVIS
Compound: 85 n-Butyl Acetate
CAS #: 123-86-4
Report Date: 03/25/2009

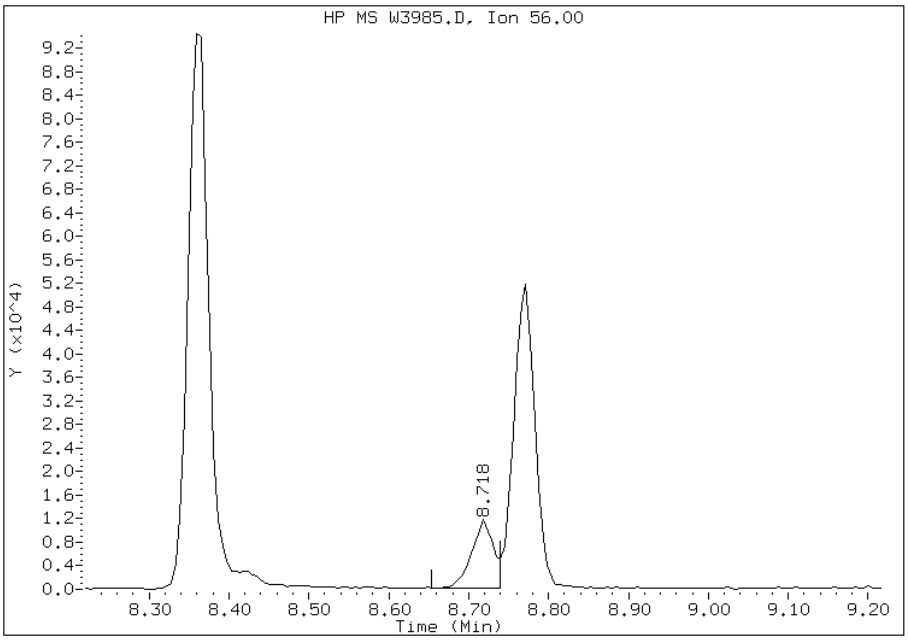
Processing Integration Results

RT: 8.72

Response: 22643

Amount: 4

Conc: 4



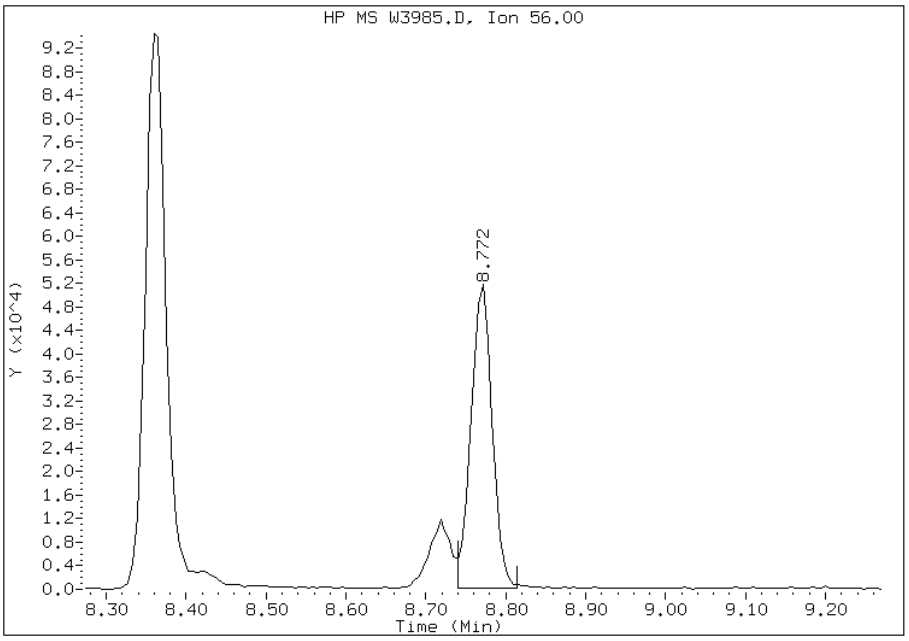
Manual Integration Results

RT: 8.77

Response: 94295

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3985.D
Inj. Date and Time: 24-MAR-2009 09:29
Instrument ID: msw.i
Client ID: CCVIS
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 03/25/2009

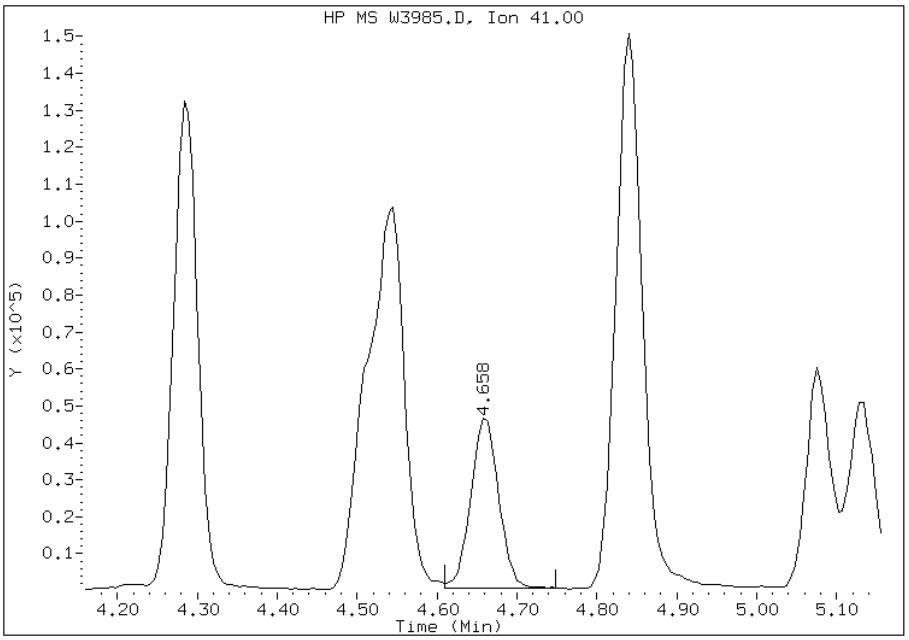
Processing Integration Results

RT: 4.66

Response: 111811

Amount: 9

Conc: 9



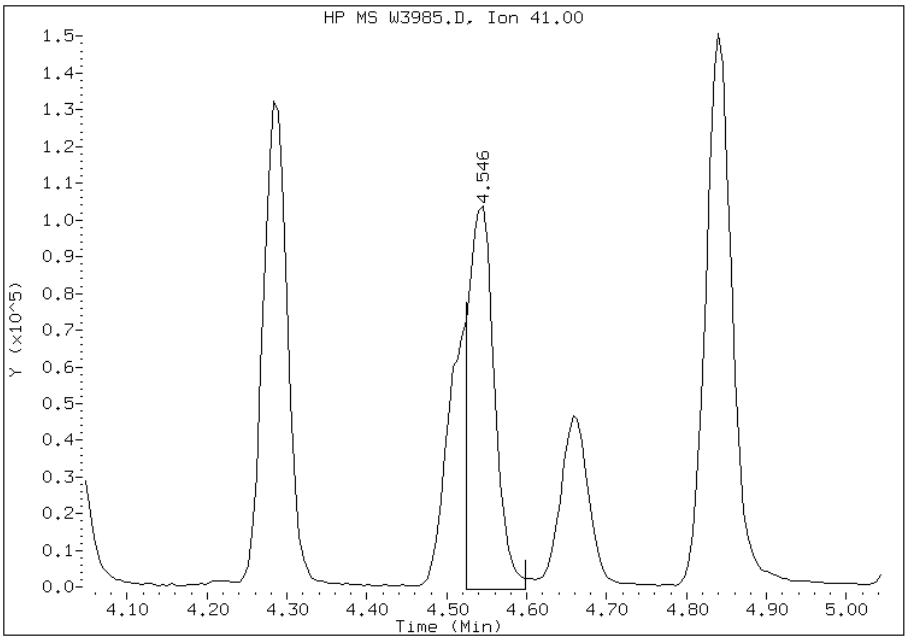
Manual Integration Results

RT: 4.55

Response: 238911

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: W3985.D
Inj. Date and Time: 24-MAR-2009 09:29
Instrument ID: msw.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 03/25/2009

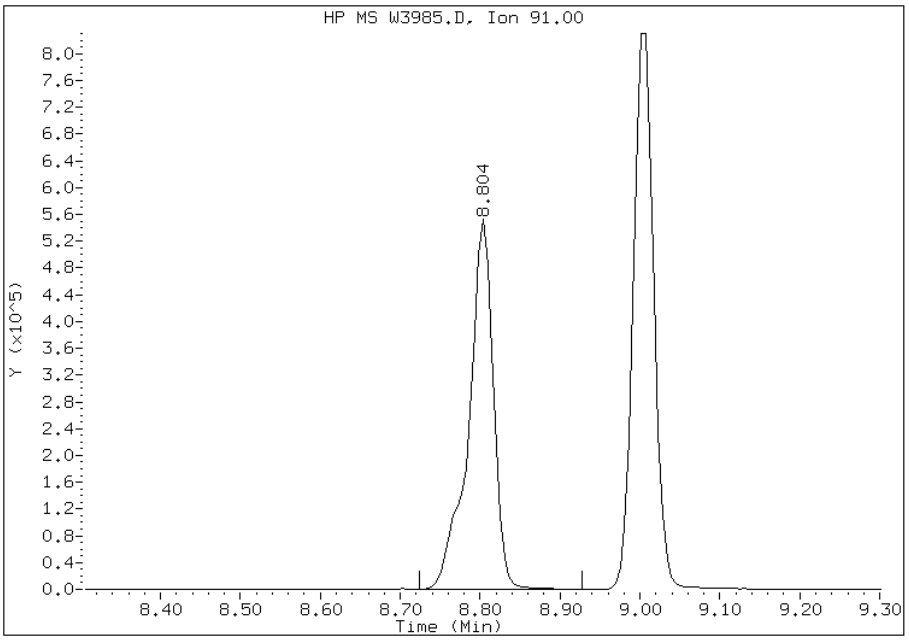
Processing Integration Results

RT: 8.80

Response: 1187428

Amount: 90

Conc: 90



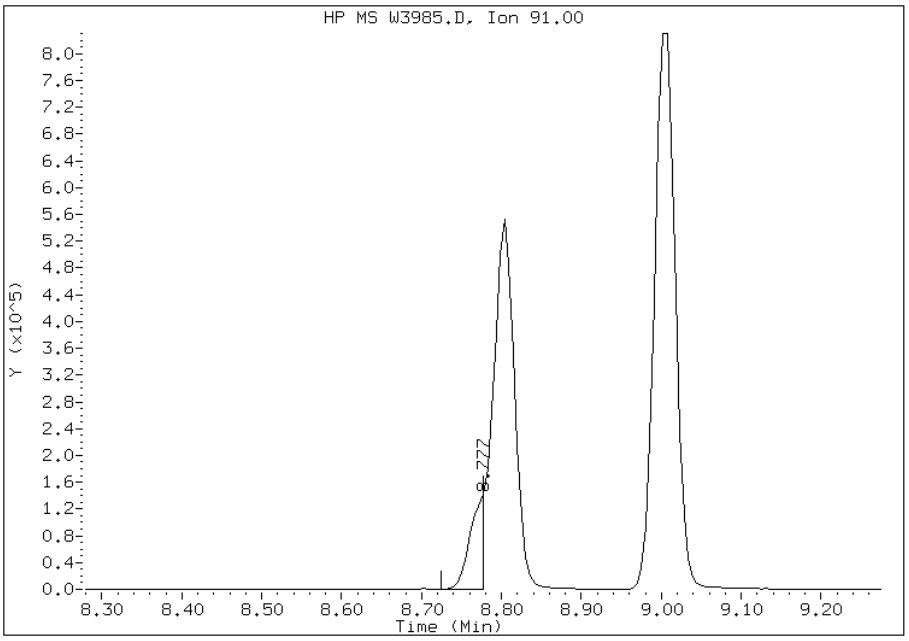
Manual Integration Results

RT: 8.78

Response: 177430

Amount: 14

Conc: 14



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msl.i\L093469.b\LB104.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 19-MAR-2009 14:27 MS Autotune Date: 16-MAY-2008 08:11
Operator : b.kostrzewska Inst ID: msl.i
Smp Info : BFB
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093469.b\LBFBNCLP.M
Meth Date : 16-May-2007 12:03 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.027	3.400	(0.000)	95	181952			0.00- 100.00	100.00
3.027	3.400	(0.000)	50	39704			15.00- 40.00	21.82
3.027	3.400	(0.000)	75	91632			30.00- 60.00	50.36
3.027	3.400	(0.000)	96	12177			5.00- 9.00	6.69
3.027	3.400	(0.000)	173	464			0.00- 2.00	0.37
3.027	3.400	(0.000)	174	126752			50.00- 100.00	69.66
3.027	3.400	(0.000)	175	10358			5.00- 9.00	8.17
3.027	3.400	(0.000)	176	124024			95.00- 101.00	97.85
3.027	3.400	(0.000)	177	8563			5.00- 9.00	6.90

Data File: LB104.D

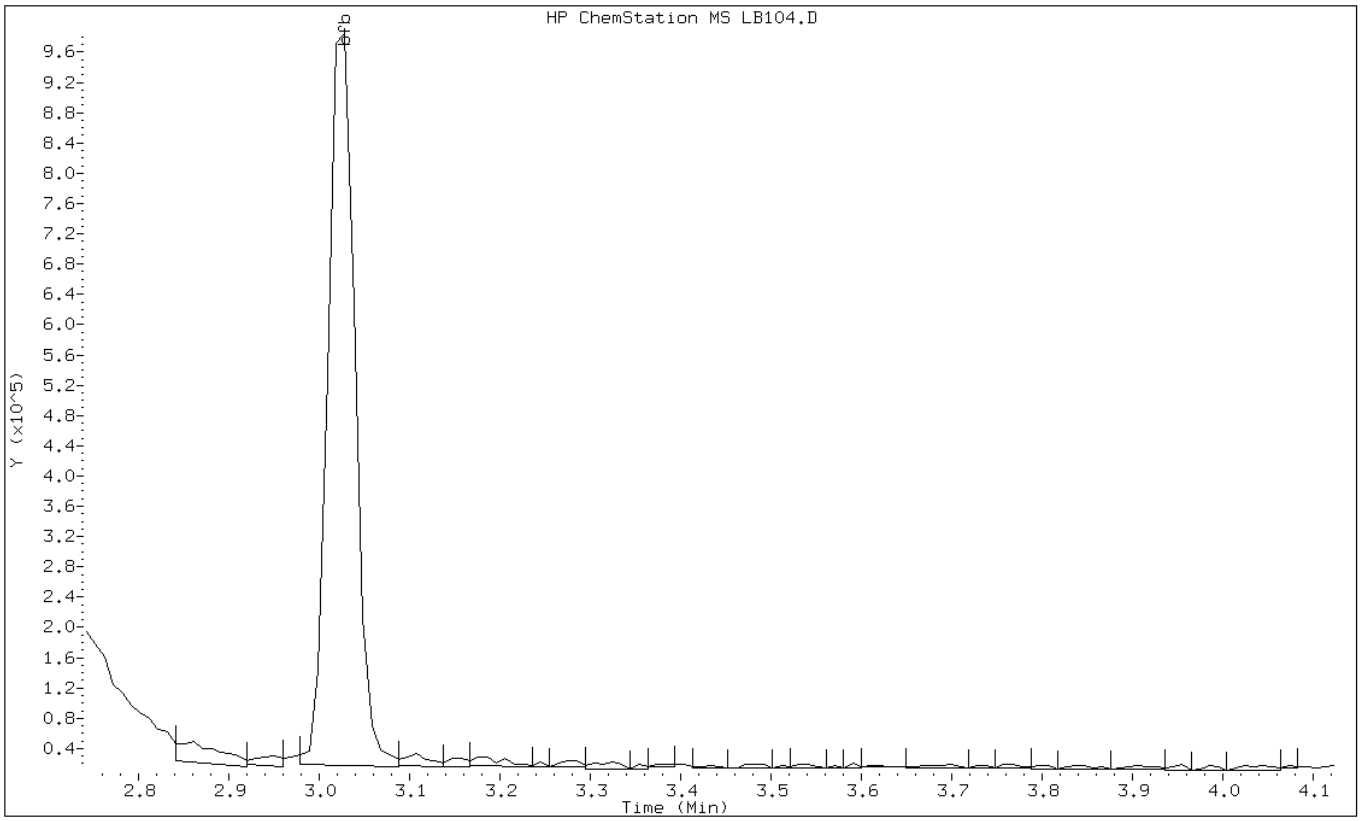
Date: 19-MAR-2009 14:27

Client ID: BFB

Instrument: msl.i

Sample Info: BFB

Operator: b.kostrzewska



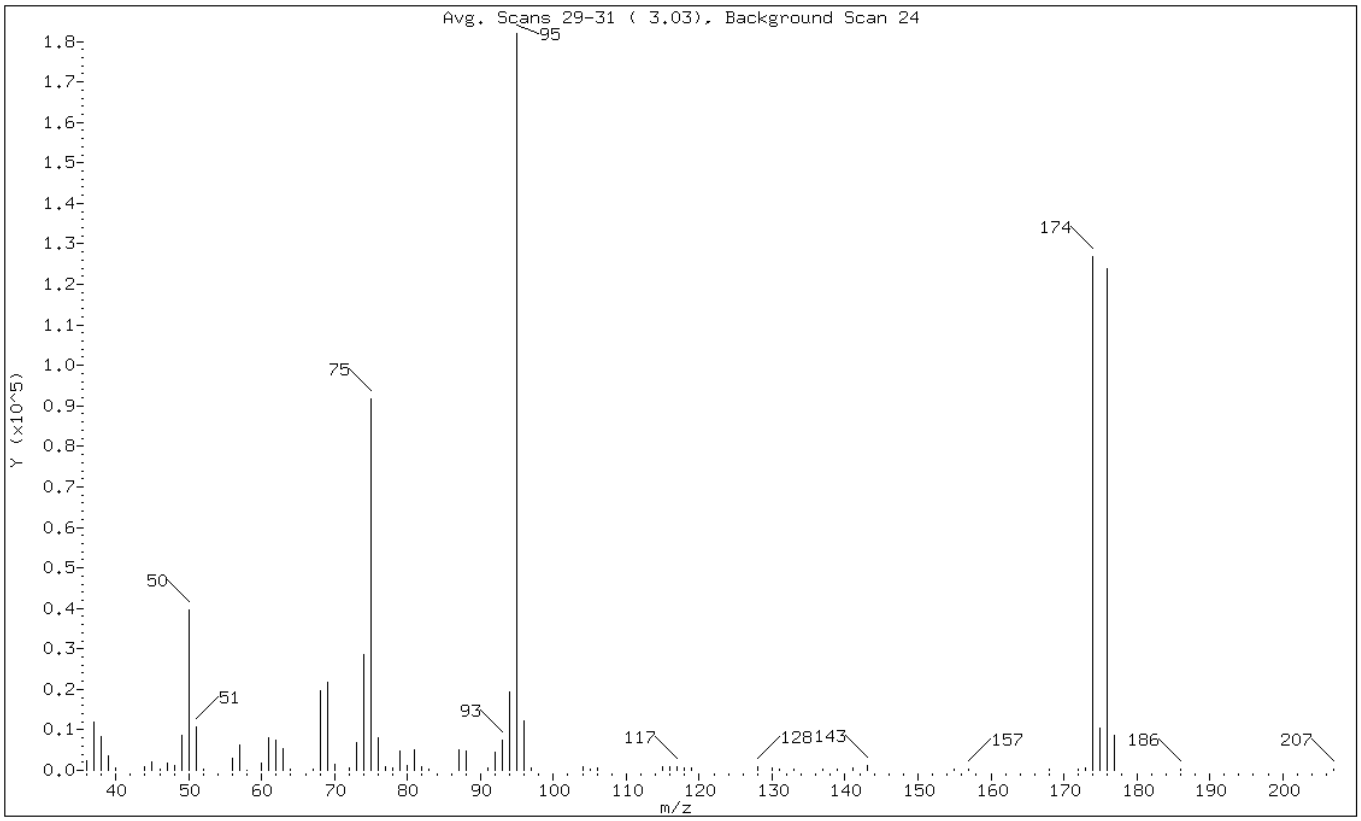
Data File: LB104.D

Date: 19-MAR-2009 14:27

Client ID: BFB Instrument: msl.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.82
75	30.00 - 60.00% of mass 95	50.36
96	5.00 - 9.00% of mass 95	6.69
173	Less than 2.00% of mass 174	0.26 (0.37)
174	50.00 - 100.00% of mass 95	69.66
175	5.00 - 9.00% of mass 174	5.69 (8.17)
176	95.00 - 101.00% of mass 174	68.16 (97.85)
177	5.00 - 9.00% of mass 176	4.71 (6.90)

Data File: LB104.D

Date: 19-MAR-2009 14:27

Client ID: BFB Instrument: msl.i

Sample Info: BFB Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msl.i\L093469.b\LB104.D
Spectrum: Avg. Scans 29-31 (3.03), Background Scan 24
Location of Maximum: 95.00
Number of points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2313	62.00	7382	87.00	5017	131.00	193
37.00	11792	63.00	5501	88.00	4806	133.00	171
38.00	8337	64.00	197	91.00	678	137.00	194
39.00	3520	67.00	266	92.00	4588	139.00	194
40.00	475	68.00	19752	93.00	7407	141.00	617
44.00	1023	69.00	21776	94.00	19472	143.00	1204
45.00	1970	70.00	1526	95.00	181952	155.00	202
46.00	183	72.00	637	96.00	12177	157.00	414
47.00	1890	73.00	6837	97.00	560	168.00	266
48.00	1299	74.00	28536	104.00	847	172.00	193
49.00	8499	75.00	91632	105.00	194	173.00	464
50.00	39704	76.00	8098	106.00	610	174.00	126752
51.00	10699	77.00	920	115.00	895	175.00	10358
52.00	369	78.00	667	116.00	789	176.00	124024
56.00	2929	79.00	4843	117.00	994	177.00	8563
57.00	6218	80.00	1165	118.00	544	186.00	218
58.00	97	81.00	4992	119.00	685	207.00	199
60.00	1913	82.00	970	128.00	862		
61.00	7978	83.00	253	130.00	732		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\LB111.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 23-MAR-2009 19:09
Operator : b.kostrzewska Inst ID: msl.i
Smp Info : BFB
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\LBFBNCLP.M
Meth Date : 16-May-2007 12:03 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.022	3.400	(0.000)	95	263552			0.00- 100.00	100.00
3.022	3.400	(0.000)	50	52312			15.00- 40.00	19.85
3.022	3.400	(0.000)	75	124080			30.00- 60.00	47.08
3.022	3.400	(0.000)	96	17288			5.00- 9.00	6.56
3.022	3.400	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
3.022	3.400	(0.000)	174	182336			50.00- 100.00	69.18
3.022	3.400	(0.000)	175	11472			5.00- 9.00	6.29
3.022	3.400	(0.000)	176	175552			95.00- 101.00	96.28
3.022	3.400	(0.000)	177	11443			5.00- 9.00	6.52

Data File: LB111.D

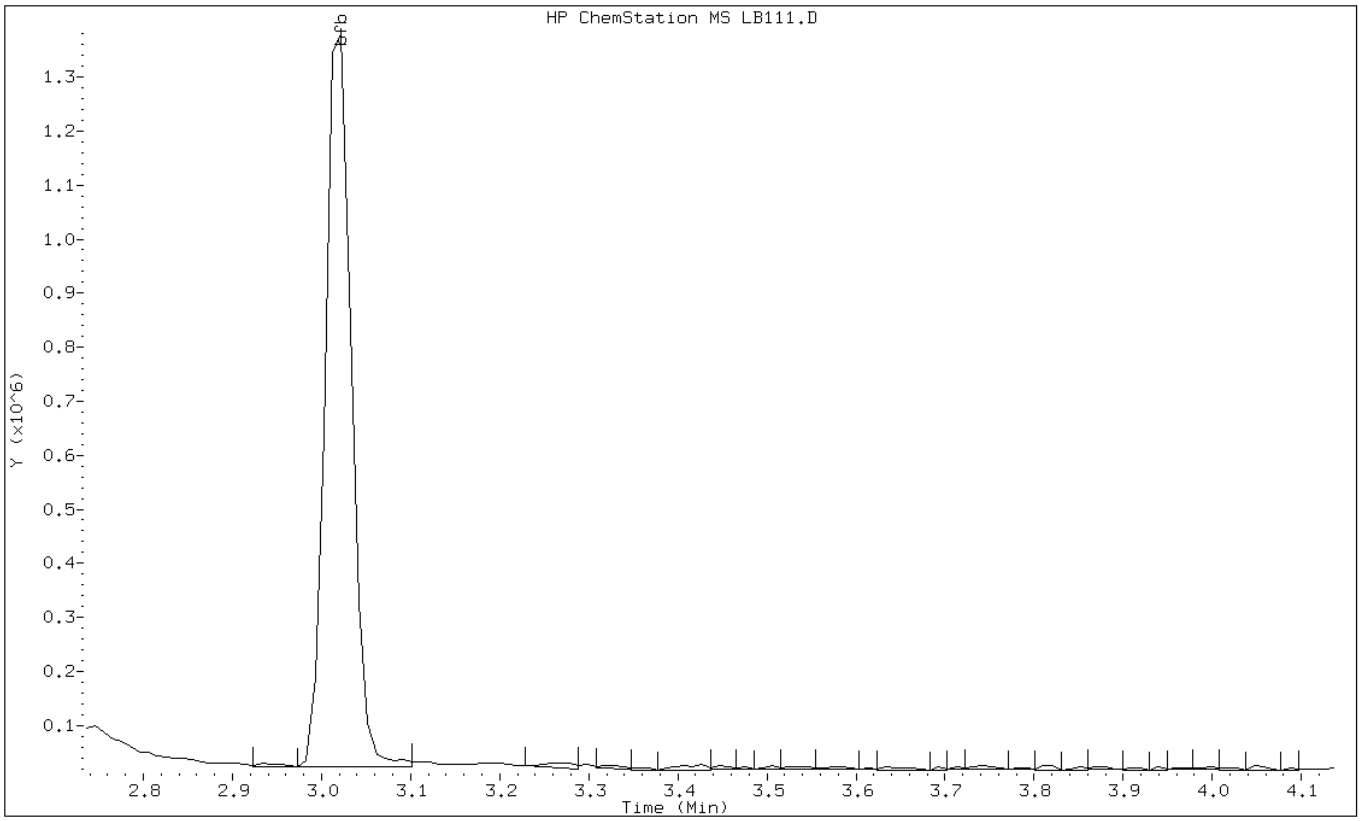
Date: 23-MAR-2009 19:09

Client ID: BFB

Instrument: msl.i

Sample Info: BFB

Operator: b.kostrzewska



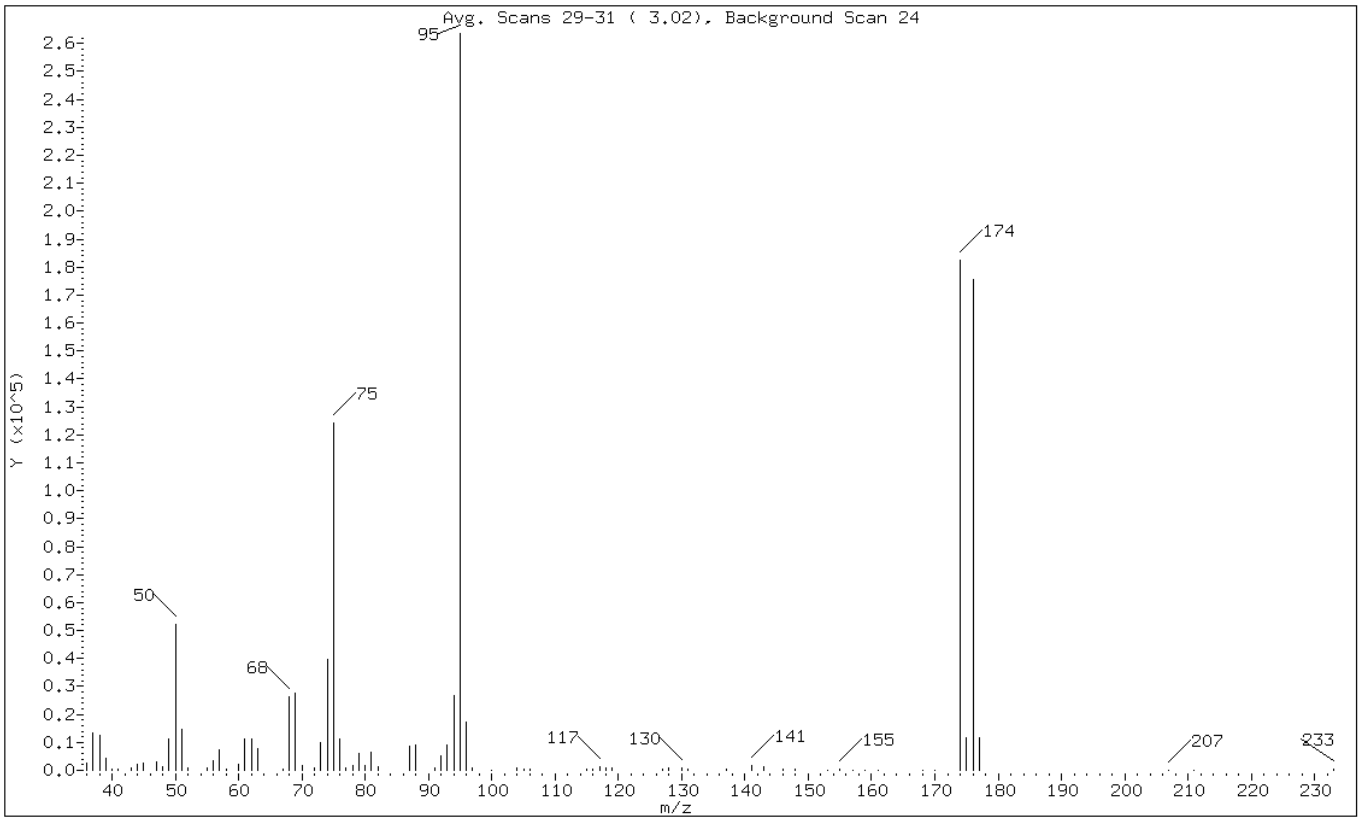
Data File: LB111.D

Date: 23-MAR-2009 19:09

Client ID: BFB Instrument: msl.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.85
75	30.00 - 60.00% of mass 95	47.08
96	5.00 - 9.00% of mass 95	6.56
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	69.18
175	5.00 - 9.00% of mass 174	4.35 (6.29)
176	95.00 - 101.00% of mass 174	66.61 (96.28)
177	5.00 - 9.00% of mass 176	4.34 (6.52)

Data File: LB111.D

Date: 23-MAR-2009 19:09

Client ID: BFB

Instrument: msl.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msl.i\L093579.b\LB111.D
Spectrum: Avg. Scans 29-31 (3.02), Background Scan 24
Location of Maximum: 95.00
Number of points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2660	61.00	11086	91.00	942	137.00	225
37.00	13232	62.00	11037	92.00	5207	141.00	1898
38.00	12486	63.00	7816	93.00	8996	143.00	1233
39.00	4123	67.00	440	94.00	26832	146.00	220
40.00	305	68.00	26384	95.00	263552	148.00	571
41.00	255	69.00	27400	96.00	17288	153.00	171
43.00	694	70.00	1750	97.00	657	155.00	568
44.00	2220	72.00	1066	100.00	175	157.00	178
45.00	2500	73.00	10132	104.00	1013	159.00	172
47.00	2827	74.00	39584	105.00	394	161.00	177
48.00	1442	75.00	124080	106.00	557	168.00	181
49.00	11225	76.00	11278	115.00	525	170.00	178
50.00	52312	77.00	982	116.00	507	174.00	182336
51.00	14645	78.00	1689	117.00	1175	175.00	11472
52.00	965	79.00	6113	118.00	687	176.00	175552
55.00	698	80.00	1734	119.00	913	177.00	11443
56.00	3507	81.00	6669	127.00	244	207.00	197
57.00	7233	82.00	1194	128.00	810	211.00	174
58.00	570	87.00	8685	130.00	923	233.00	431
60.00	2109	88.00	8925	131.00	414		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V092716.b\VB536.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 23-MAR-2009 12:18
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092716.b\VBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.528	2.970	(0.000)	95	1017344			0.00- 100.00	100.00
2.528	2.970	(0.000)	50	156544			15.00- 40.00	15.39
2.528	2.970	(0.000)	75	455104			30.00- 60.00	44.73
2.528	2.970	(0.000)	96	68952			5.00- 9.00	6.78
2.528	2.970	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.528	2.970	(0.000)	174	890688			50.00- 100.00	87.55
2.528	2.970	(0.000)	175	65568			5.00- 9.00	7.36
2.528	2.970	(0.000)	176	860224			95.00- 101.00	96.58
2.528	2.970	(0.000)	177	56552			5.00- 9.00	6.57

Data File: VB536.D

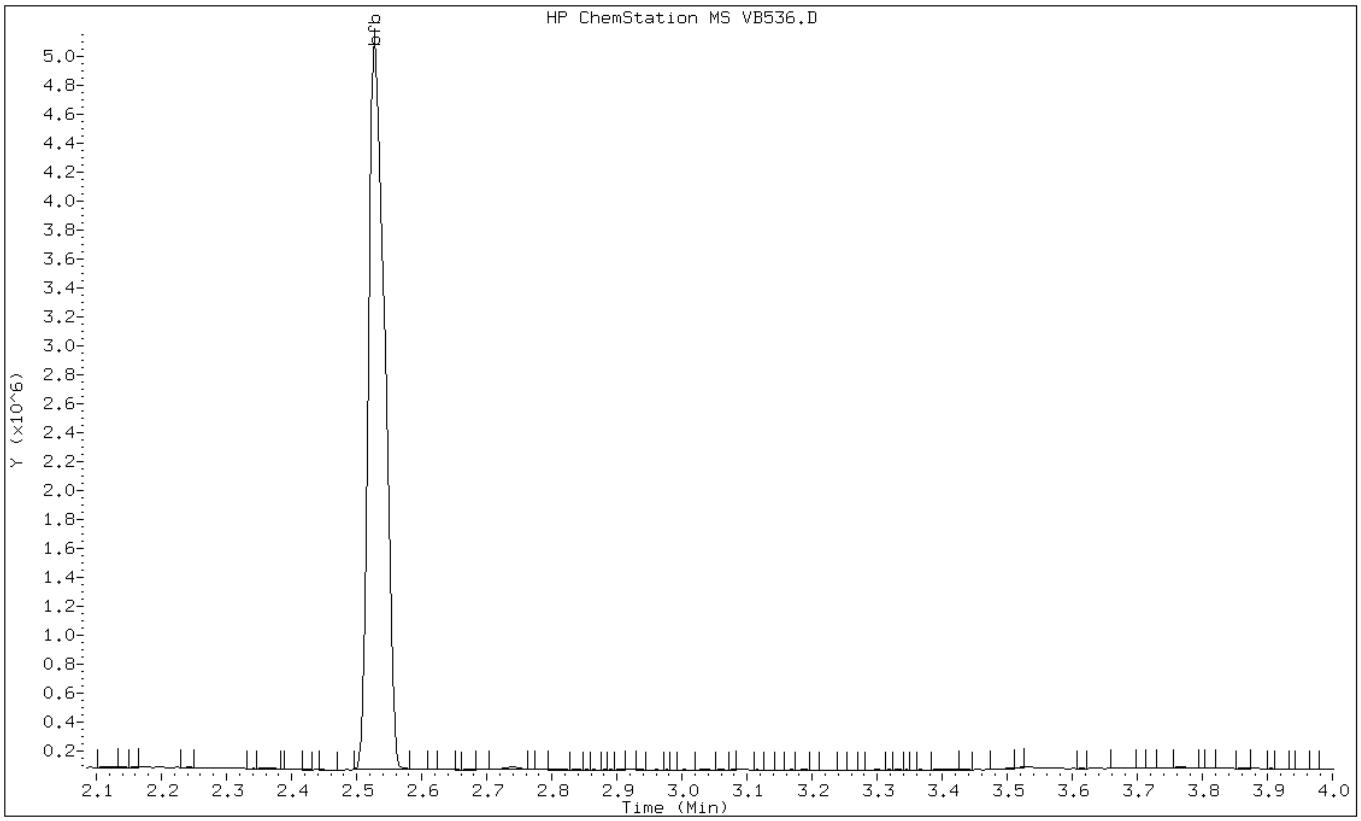
Date: 23-MAR-2009 12:18

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



Data File: VB536.D

Date: 23-MAR-2009 12:18

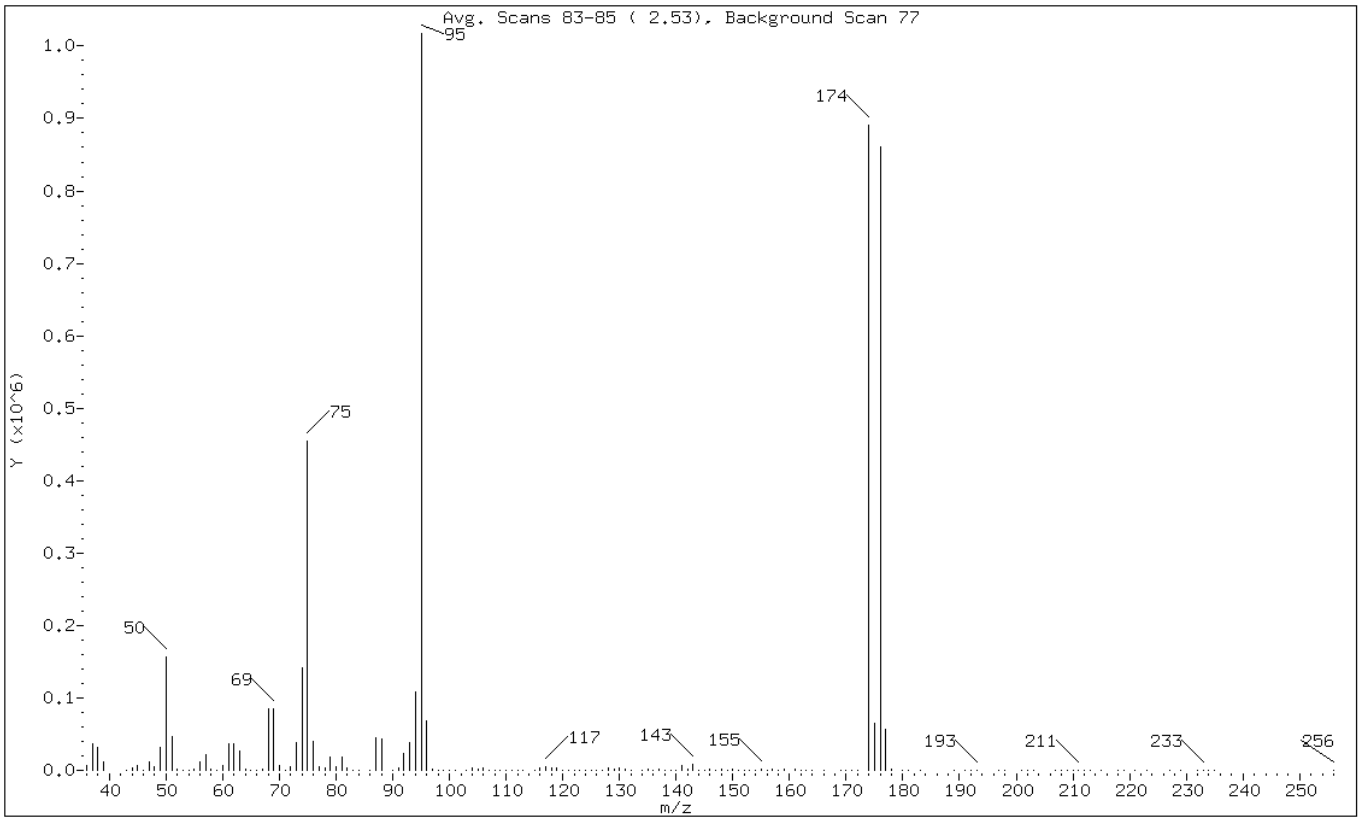
Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.39
75	30.00 - 60.00% of mass 95	44.73
96	5.00 - 9.00% of mass 95	6.78
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.55
175	5.00 - 9.00% of mass 174	6.45 (7.36)
176	95.00 - 101.00% of mass 174	84.56 (96.58)
177	5.00 - 9.00% of mass 176	5.56 (6.57)

Data File: VB536.D

Date: 23-MAR-2009 12:18

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V092716.b\VB536.D
Spectrum: Avg. Scans 83-85 (2.53), Background Scan 77
Location of Maximum: 95.00
Number of points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6600	80.00	5273	125.00	296	171.00	78
37.00	36152	81.00	18144	126.00	175	172.00	747
38.00	32320	82.00	3460	127.00	305	174.00	890688
39.00	12129	83.00	215	128.00	3081	175.00	65568
43.00	463	84.00	67	129.00	1308	176.00	860224
44.00	2877	86.00	256	130.00	2806	177.00	56552
45.00	6832	87.00	44856	131.00	1318	178.00	1529
46.00	350	88.00	42776	132.00	144	180.00	51
47.00	11599	90.00	139	134.00	240	181.00	132
48.00	4913	91.00	2746	135.00	1325	183.00	39
49.00	31544	92.00	24008	136.00	201	189.00	39
50.00	156544	93.00	37488	137.00	1523	191.00	156
51.00	46616	94.00	108600	138.00	146	192.00	127
52.00	1837	95.00	1017344	139.00	360	193.00	214
53.00	169	96.00	68952	140.00	666	197.00	121
54.00	247	97.00	2046	141.00	7285	198.00	33
55.00	1917	98.00	26	142.00	1100	201.00	36
56.00	11184	99.00	75	143.00	8108	202.00	35
57.00	20952	100.00	1	144.00	323	203.00	44
58.00	916	101.00	40	145.00	677	207.00	89
59.00	70	103.00	596	146.00	1276	208.00	49
60.00	7074	104.00	3010	147.00	719	209.00	51
61.00	36576	105.00	999	148.00	2111	210.00	94
62.00	36384	106.00	3096	149.00	642	211.00	264
63.00	27016	107.00	727	150.00	1039	212.00	147
64.00	2277	108.00	48	151.00	58	213.00	80
65.00	364	109.00	58	152.00	378	215.00	106
66.00	92	110.00	125	153.00	768	218.00	33
67.00	1905	111.00	516	154.00	714	219.00	88
68.00	84264	112.00	398	155.00	2441	221.00	95
69.00	85008	113.00	393	156.00	163	223.00	33
70.00	6816	115.00	753	157.00	1610	227.00	78
71.00	226	116.00	2595	158.00	77	229.00	114
72.00	4490	117.00	4974	159.00	960	232.00	107
73.00	38072	118.00	2899	161.00	1049	233.00	404
74.00	142336	119.00	3737	162.00	93	234.00	136
75.00	455104	120.00	273	163.00	130	235.00	86
76.00	39192	121.00	52	164.00	39	256.00	43
77.00	5701	122.00	268	166.00	41		
78.00	3767	123.00	183	169.00	40		

79.00	17768	124.00	467	170.00	55		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V092777.b\VB539.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 25-MAR-2009 09:11
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092777.b\VBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.528	2.970	(0.000)	95	929984			0.00- 100.00	100.00
2.528	2.970	(0.000)	50	150528			15.00- 40.00	16.19
2.528	2.970	(0.000)	75	430528			30.00- 60.00	46.29
2.528	2.970	(0.000)	96	63448			5.00- 9.00	6.82
2.528	2.970	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.528	2.970	(0.000)	174	809216			50.00- 100.00	87.01
2.528	2.970	(0.000)	175	58792			5.00- 9.00	7.27
2.528	2.970	(0.000)	176	780672			95.00- 101.00	96.47
2.528	2.970	(0.000)	177	52520			5.00- 9.00	6.73

Data File: VB539.D

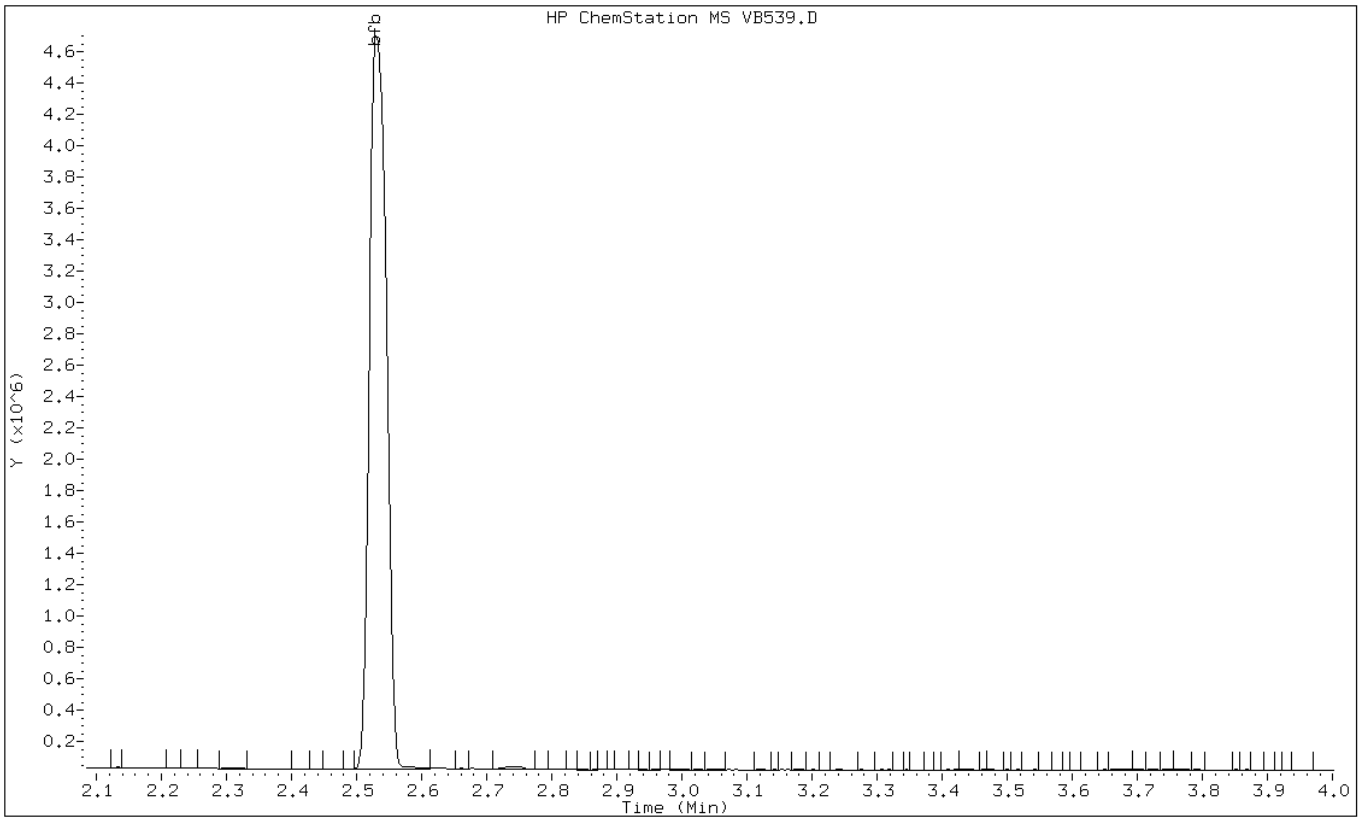
Date: 25-MAR-2009 09:11

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



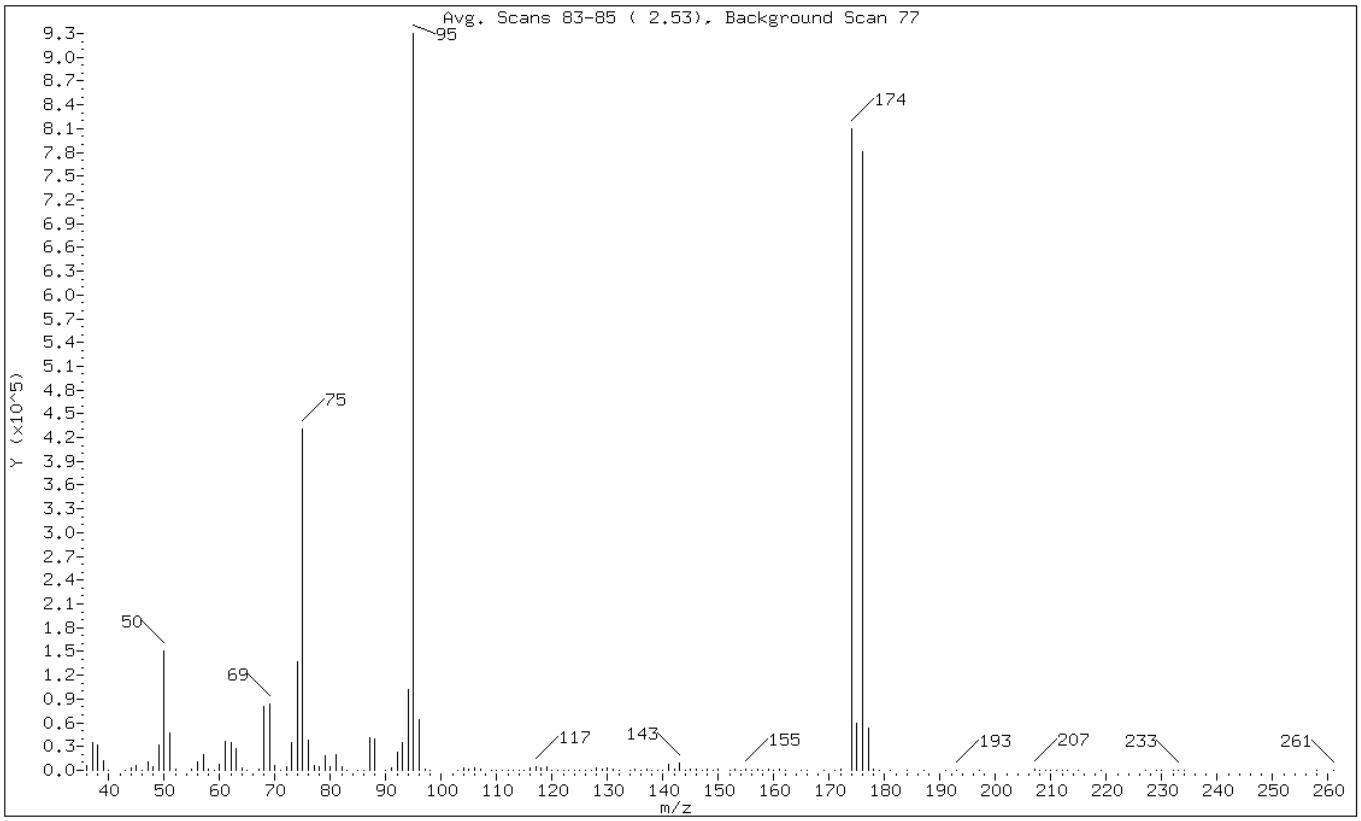
Data File: VB539.D

Date: 25-MAR-2009 09:11

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.19
75	30.00 - 60.00% of mass 95	46.29
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.01
175	5.00 - 9.00% of mass 174	6.32 (7.27)
176	95.00 - 101.00% of mass 174	83.94 (96.47)
177	5.00 - 9.00% of mass 176	5.65 (6.73)

Data File: VB539.D

Date: 25-MAR-2009 09:11

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V092777.b\VB539.D
Spectrum: Avg. Scans 83-85 (2.53), Background Scan 77
Location of Maximum: 95.00
Number of points: 147

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5947	78.00	3840	122.00	207	161.00	1129
37.00	35504	79.00	18040	123.00	238	162.00	151
38.00	31560	80.00	5176	124.00	539	165.00	33
39.00	12830	81.00	19440	125.00	320	166.00	34
40.00	448	82.00	3931	126.00	361	169.00	42
43.00	356	83.00	465	127.00	276	171.00	74
44.00	3031	85.00	37	128.00	2948	172.00	868
45.00	6368	86.00	522	129.00	1557	174.00	809216
46.00	565	87.00	41248	130.00	3180	175.00	58792
47.00	10655	88.00	38968	131.00	1063	176.00	780672
48.00	4469	90.00	54	132.00	173	177.00	52520
49.00	31320	91.00	2876	134.00	257	178.00	1373
50.00	150528	92.00	22952	135.00	1332	179.00	81
51.00	46744	93.00	35464	136.00	300	181.00	66
52.00	2032	94.00	102224	137.00	1171	184.00	40
55.00	1741	95.00	929984	138.00	222	187.00	37
56.00	10271	96.00	63448	139.00	347	191.00	166
57.00	20264	97.00	1690	140.00	618	193.00	252
58.00	888	98.00	186	141.00	8218	197.00	95
59.00	146	103.00	346	142.00	1022	207.00	970
60.00	7141	104.00	3012	143.00	8476	208.00	325
61.00	36504	105.00	1005	144.00	517	209.00	162
62.00	34800	106.00	2949	145.00	849	210.00	43
63.00	26968	107.00	830	146.00	1253	211.00	374
64.00	2498	109.00	102	147.00	487	212.00	220
65.00	566	110.00	383	148.00	1939	213.00	156
67.00	1211	111.00	600	149.00	649	215.00	170
68.00	80968	112.00	398	150.00	927	219.00	125
69.00	83288	113.00	546	152.00	518	227.00	146
70.00	5996	114.00	39	153.00	825	229.00	99
71.00	390	115.00	430	154.00	666	230.00	35
72.00	4283	116.00	2798	155.00	2247	232.00	34
73.00	35520	117.00	5134	156.00	603	233.00	451
74.00	136960	118.00	2808	157.00	1553	234.00	53
75.00	430528	119.00	4159	158.00	546	258.00	71
76.00	37744	120.00	170	159.00	1063	261.00	86
77.00	5656	121.00	109	160.00	90		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W093868.b\WB088.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 20-MAR-2009 19:27
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093868.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.662	2.970	(0.000)	95	1009472			0.00- 100.00	100.00
2.662	2.970	(0.000)	50	166272			15.00- 40.00	16.47
2.662	2.970	(0.000)	75	446144			30.00- 60.00	44.20
2.662	2.970	(0.000)	96	68864			5.00- 9.00	6.82
2.662	2.970	(0.000)	173	6000			0.00- 2.00	0.64
2.662	2.970	(0.000)	174	938944			50.00- 100.00	93.01
2.662	2.970	(0.000)	175	65616			5.00- 9.00	6.99
2.662	2.970	(0.000)	176	922624			95.00- 101.00	98.26
2.662	2.970	(0.000)	177	60048			5.00- 9.00	6.51

Data File: WB088.D

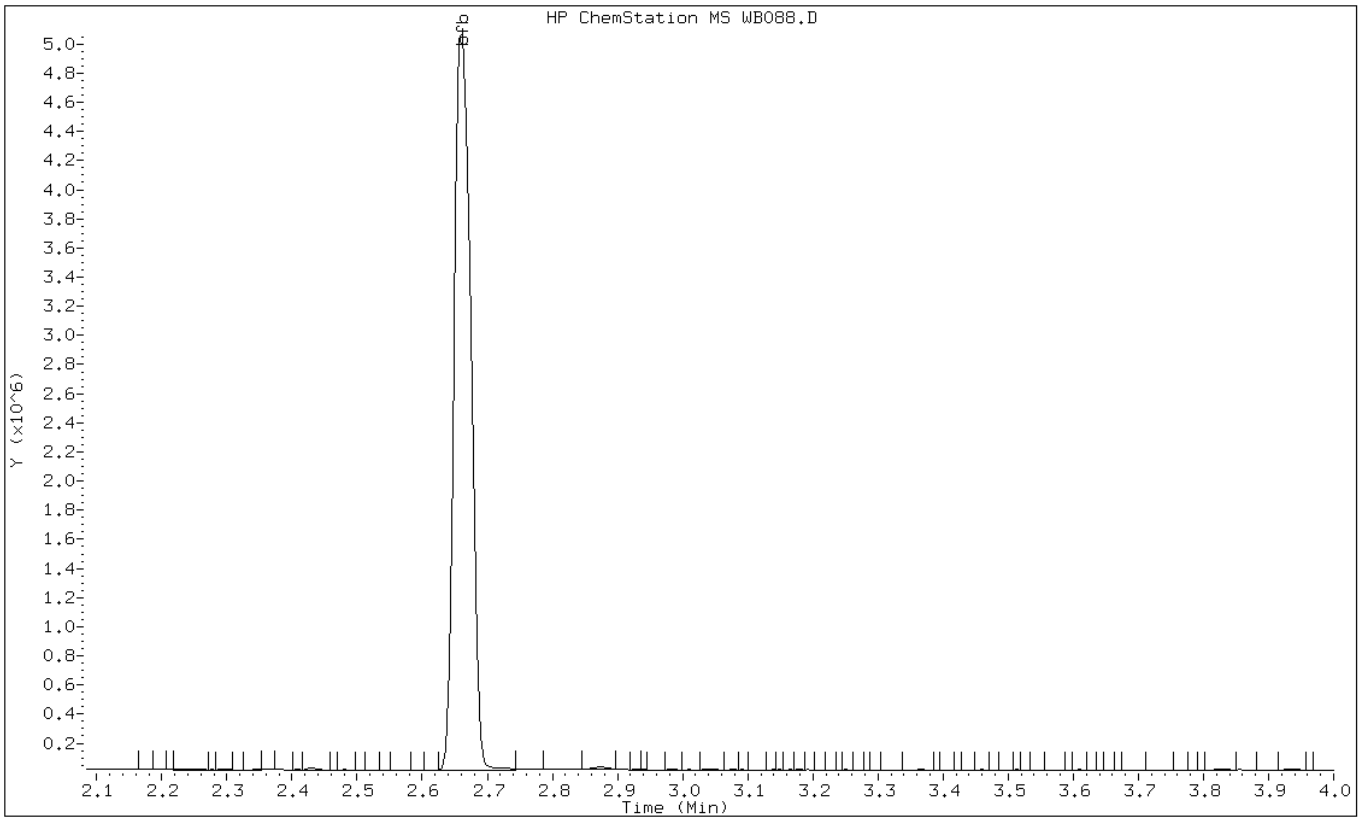
Date: 20-MAR-2009 19:27

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



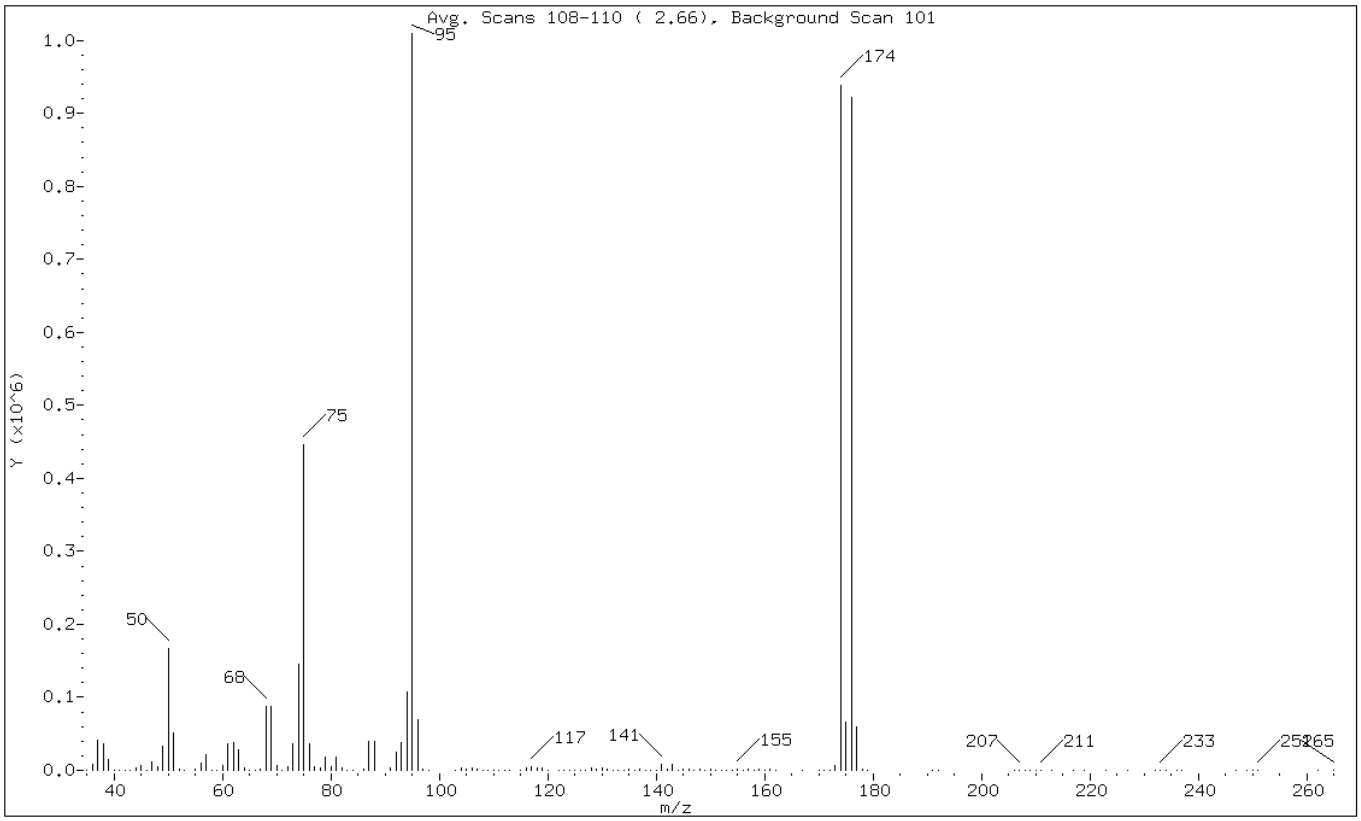
Data File: WB088.D

Date: 20-MAR-2009 19:27

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.47
75	30.00 - 60.00% of mass 95	44.20
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.59 (0.64)
174	50.00 - 100.00% of mass 95	93.01
175	5.00 - 9.00% of mass 174	6.50 (6.99)
176	95.00 - 101.00% of mass 174	91.40 (98.26)
177	5.00 - 9.00% of mass 176	5.95 (6.51)

Data File: WB088.D

Date: 20-MAR-2009 19:27

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W093868.b\WB088.D
Spectrum: Avg. Scans 108-110 (2.66), Background Scan 101
Location of Maximum: 95.00
Number of points: 153

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	96	75.00	446144	123.00	192	162.00	35
36.00	7632	76.00	36912	124.00	488	167.00	44
37.00	41856	77.00	5622	125.00	418	170.00	43
38.00	36472	78.00	3518	126.00	372	171.00	36
39.00	14242	79.00	17456	127.00	233	172.00	467
40.00	608	80.00	5633	128.00	3329	173.00	6000
41.00	76	81.00	17792	129.00	1501	174.00	938944
42.00	135	82.00	3889	130.00	3206	175.00	65616
43.00	263	83.00	492	131.00	1416	176.00	922624
44.00	3596	84.00	47	132.00	168	177.00	60048
45.00	7388	86.00	1015	133.00	94	178.00	1795
46.00	272	87.00	38832	134.00	165	179.00	56
47.00	11897	88.00	39720	135.00	1537	191.00	3
48.00	4269	91.00	2555	136.00	218	192.00	1
49.00	32880	92.00	24520	137.00	1475	206.00	39
50.00	166272	93.00	37208	138.00	108	207.00	205
51.00	51840	94.00	107056	139.00	335	208.00	281
52.00	2294	95.00	1009472	140.00	645	209.00	136
53.00	215	96.00	68864	141.00	8265	210.00	46
55.00	1954	97.00	2052	142.00	1059	211.00	397
56.00	10599	98.00	124	143.00	8231	213.00	119
57.00	21040	103.00	300	144.00	525	217.00	47
58.00	633	104.00	3137	145.00	831	219.00	83
59.00	141	105.00	1320	146.00	1381	223.00	34
60.00	7363	106.00	3519	147.00	802	227.00	85
61.00	36736	107.00	847	148.00	2027	232.00	84
62.00	37344	108.00	37	149.00	630	233.00	169
63.00	27560	109.00	41	150.00	1015	234.00	46
64.00	2520	110.00	456	151.00	135	236.00	42
65.00	202	111.00	575	152.00	520	237.00	46
66.00	51	112.00	404	153.00	750	247.00	33
67.00	2068	113.00	409	154.00	522	249.00	33
68.00	88352	115.00	772	155.00	2460	250.00	33
69.00	88128	116.00	2739	156.00	390	251.00	57
70.00	6613	117.00	4980	157.00	1723	262.00	45
71.00	319	118.00	2746	158.00	159	265.00	36
72.00	4176	119.00	3985	159.00	992		
73.00	35752	120.00	206	160.00	47		
74.00	144768	122.00	206	161.00	1010		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\WB090.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 23-MAR-2009 08:57
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.662	2.970	(0.000)	95	748160			0.00- 100.00	100.00
2.662	2.970	(0.000)	50	139008			15.00- 40.00	18.58
2.662	2.970	(0.000)	75	353792			30.00- 60.00	47.29
2.662	2.970	(0.000)	96	49992			5.00- 9.00	6.68
2.662	2.970	(0.000)	173	4322			0.00- 2.00	0.68
2.662	2.970	(0.000)	174	638272			50.00- 100.00	85.31
2.662	2.970	(0.000)	175	45984			5.00- 9.00	7.20
2.662	2.970	(0.000)	176	618816			95.00- 101.00	96.95
2.662	2.970	(0.000)	177	40624			5.00- 9.00	6.56

Data File: WB090.D

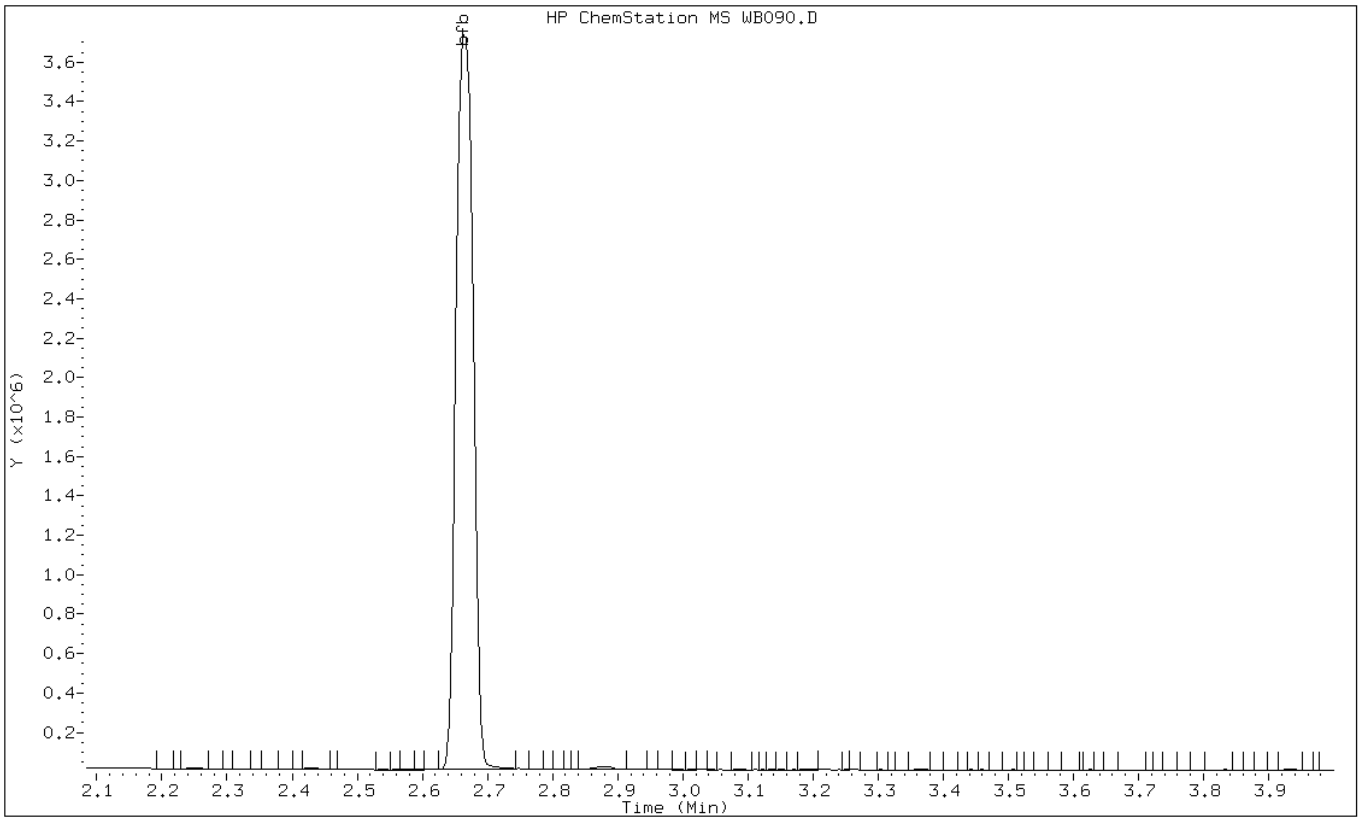
Date: 23-MAR-2009 08:57

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



Data File: WB090.D

Date: 23-MAR-2009 08:57

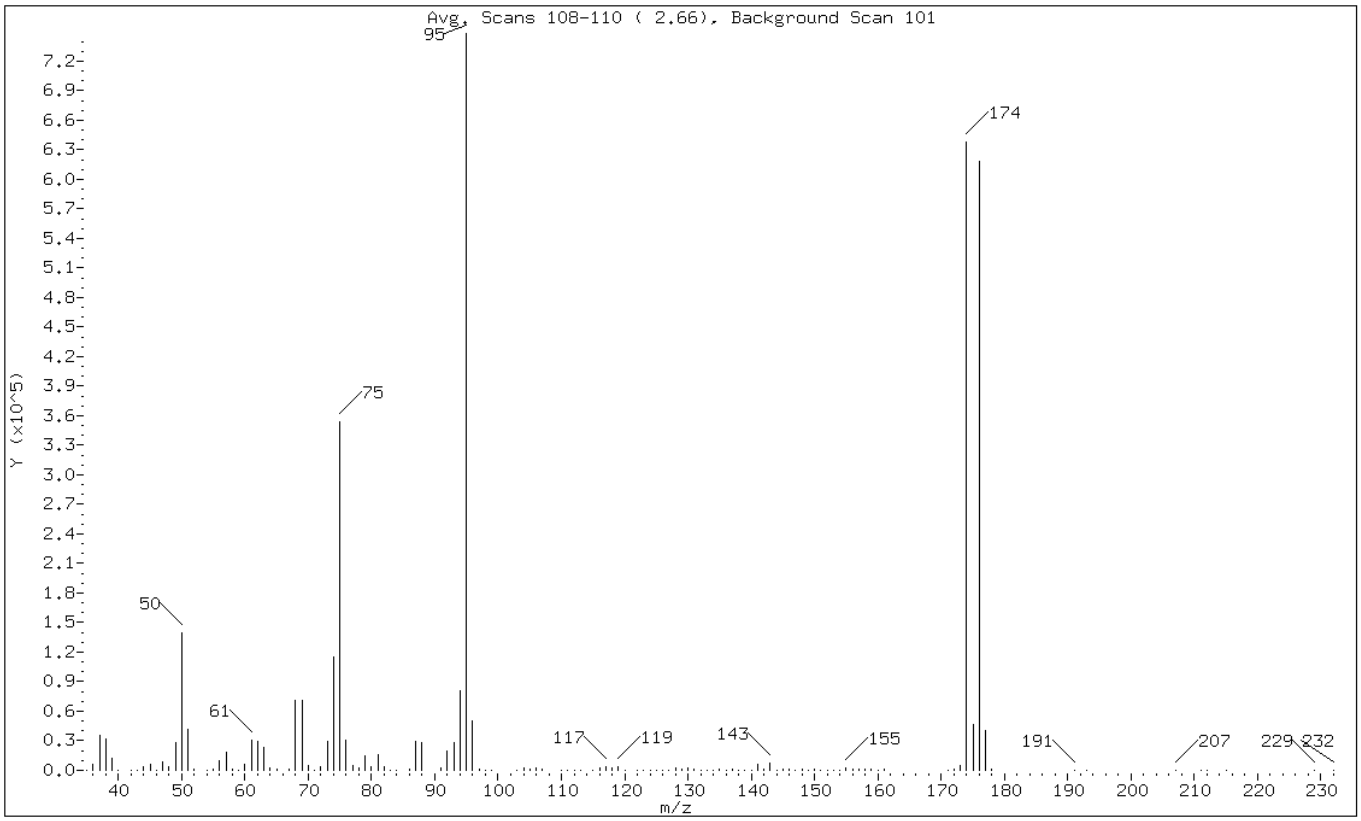
Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.58
75	30.00 - 60.00% of mass 95	47.29
96	5.00 - 9.00% of mass 95	6.68
173	Less than 2.00% of mass 174	0.58 (0.68)
174	50.00 - 100.00% of mass 95	85.31
175	5.00 - 9.00% of mass 174	6.15 (7.20)
176	95.00 - 101.00% of mass 174	82.71 (96.95)
177	5.00 - 9.00% of mass 176	5.43 (6.56)

Data File: WB090.D

Date: 23-MAR-2009 08:57

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W093947.b\WB090.D
Spectrum: Avg. Scans 108-110 (2.66), Background Scan 101
Location of Maximum: 95.00
Number of points: 130

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	36	71.00	229	112.00	359	147.00	431
36.00	6265	72.00	3616	113.00	226	148.00	1804
37.00	34936	73.00	29152	115.00	539	149.00	570
38.00	31608	74.00	115448	116.00	2176	150.00	853
39.00	11739	75.00	353792	117.00	4061	151.00	35
40.00	407	76.00	30384	118.00	2190	152.00	337
42.00	108	77.00	4593	119.00	3566	153.00	601
43.00	331	78.00	2843	120.00	115	154.00	535
44.00	3579	79.00	15157	122.00	186	155.00	1846
45.00	6342	80.00	4264	123.00	231	156.00	733
46.00	455	81.00	15799	124.00	475	157.00	1385
47.00	8918	82.00	3473	125.00	169	158.00	649
48.00	4040	83.00	411	126.00	292	159.00	935
49.00	27592	84.00	81	127.00	197	160.00	33
50.00	139008	86.00	693	128.00	2482	161.00	798
51.00	42080	87.00	29864	129.00	1098	171.00	108
52.00	1505	88.00	28032	130.00	2344	172.00	1064
54.00	105	91.00	1966	131.00	1054	173.00	4322
55.00	1615	92.00	19376	132.00	162	174.00	638272
56.00	9208	93.00	28528	133.00	41	175.00	45984
57.00	17856	94.00	80960	134.00	133	176.00	618816
58.00	656	95.00	748160	135.00	1200	177.00	40624
59.00	31	96.00	49992	136.00	166	178.00	1077
60.00	5912	97.00	1171	137.00	1032	191.00	192
61.00	30936	98.00	37	138.00	37	193.00	37
62.00	29576	99.00	42	139.00	277	207.00	289
63.00	22664	103.00	241	140.00	540	211.00	26
64.00	2273	104.00	2509	141.00	6503	212.00	85
65.00	787	105.00	951	142.00	734	215.00	99
67.00	1726	106.00	2462	143.00	6819	229.00	36
68.00	70624	107.00	623	144.00	376	232.00	92
69.00	71088	110.00	327	145.00	654		
70.00	5077	111.00	389	146.00	994		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\WB091.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 24-MAR-2009 09:19
Operator : b.kostrzewska Inst ID: msw.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\WBFB8260.m
Meth Date : 16-May-2007 12:07 pattym Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.667	2.970	(0.000)	95	790592			0.00- 100.00	100.00
2.667	2.970	(0.000)	50	143680			15.00- 40.00	18.17
2.667	2.970	(0.000)	75	366656			30.00- 60.00	46.38
2.667	2.970	(0.000)	96	52448			5.00- 9.00	6.63
2.667	2.970	(0.000)	173	4507			0.00- 2.00	0.64
2.667	2.970	(0.000)	174	707520			50.00- 100.00	89.49
2.667	2.970	(0.000)	175	50208			5.00- 9.00	7.10
2.667	2.970	(0.000)	176	694080			95.00- 101.00	98.10
2.667	2.970	(0.000)	177	44160			5.00- 9.00	6.36

Data File: WB091.D

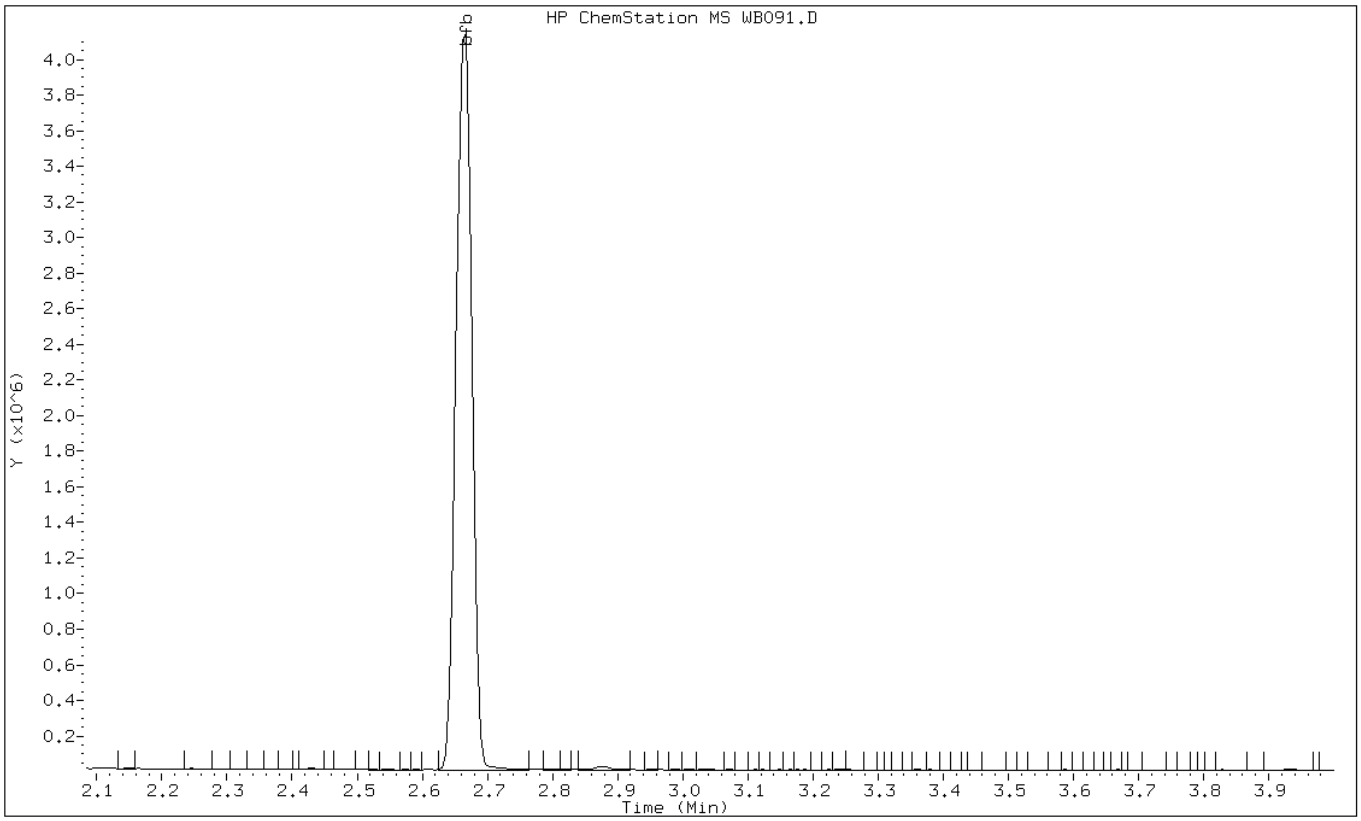
Date: 24-MAR-2009 09:19

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska



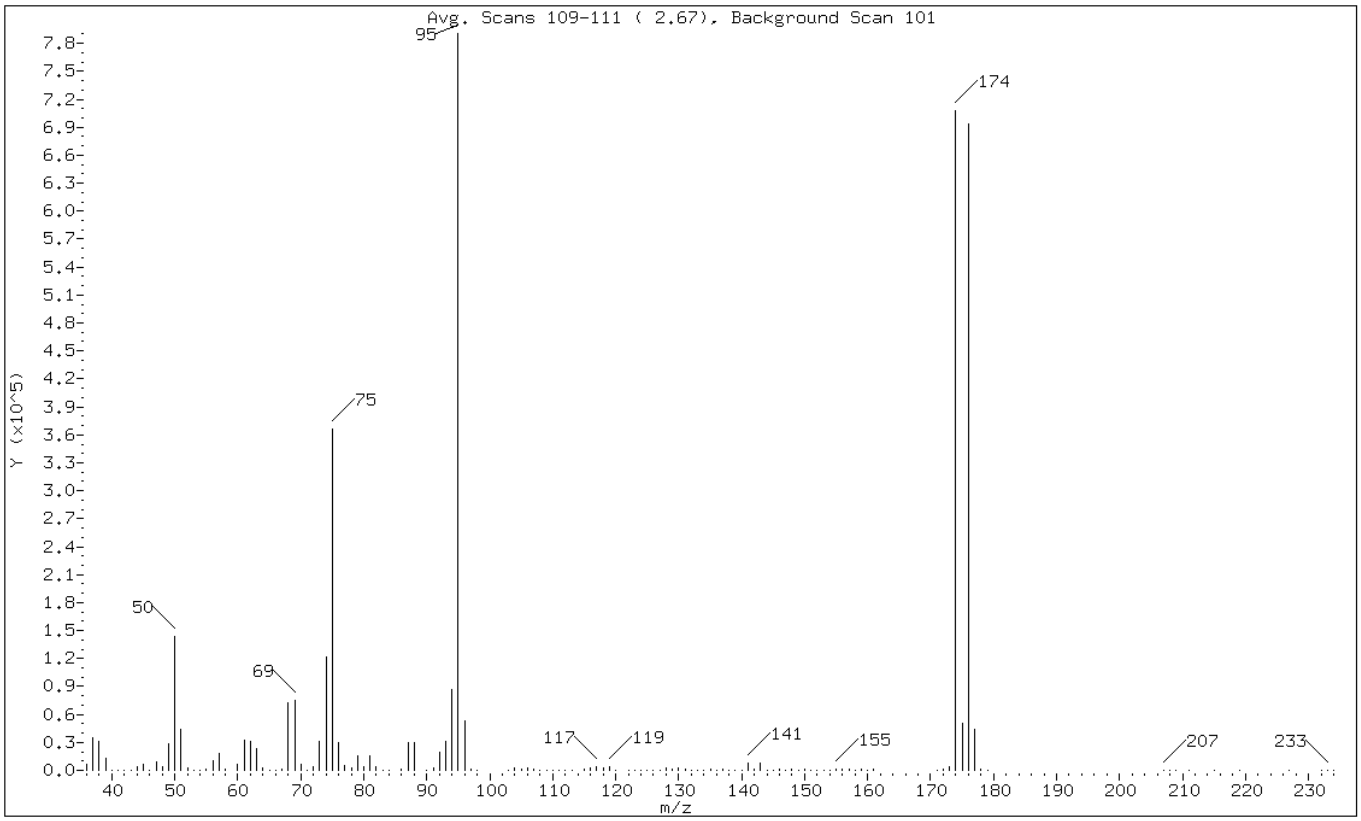
Data File: WB091.D

Date: 24-MAR-2009 09:19

Client ID: BFB Instrument: msw.i

Sample Info: BFB Operator: b.kostrzewska

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.17
75	30.00 - 60.00% of mass 95	46.38
96	5.00 - 9.00% of mass 95	6.63
173	Less than 2.00% of mass 174	0.57 (0.64)
174	50.00 - 100.00% of mass 95	89.49
175	5.00 - 9.00% of mass 174	6.35 (7.10)
176	95.00 - 101.00% of mass 174	87.79 (98.10)
177	5.00 - 9.00% of mass 176	5.59 (6.36)

Data File: WB091.D

Date: 24-MAR-2009 09:19

Client ID: BFB

Instrument: msw.i

Sample Info: BFB

Operator: b.kostrzewska

Data File: \\consvr05\Files\chem\VOA\msw.i\W093985.b\WB091.D
Spectrum: Avg. Scans 109-111 (2.67), Background Scan 101
Location of Maximum: 95.00
Number of points: 136

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	6493	72.00	3430	113.00	463	150.00	813
37.00	34784	73.00	31144	115.00	679	151.00	34
38.00	31568	74.00	121048	116.00	2573	152.00	323
39.00	12916	75.00	366656	117.00	4427	153.00	624
40.00	381	76.00	30240	118.00	2298	154.00	521
41.00	62	77.00	4670	119.00	3676	155.00	1870
42.00	40	78.00	2677	120.00	250	156.00	879
43.00	290	79.00	15847	122.00	82	157.00	1381
44.00	3317	80.00	4465	123.00	219	158.00	606
45.00	6291	81.00	16163	124.00	405	159.00	958
46.00	442	82.00	3675	125.00	254	160.00	92
47.00	9557	83.00	493	126.00	270	161.00	862
48.00	4105	84.00	136	127.00	220	171.00	53
49.00	28328	86.00	737	128.00	2542	172.00	1139
50.00	143680	87.00	30152	129.00	1493	173.00	4507
51.00	43632	88.00	29992	130.00	2497	174.00	707520
52.00	2051	90.00	42	131.00	1197	175.00	50208
53.00	201	91.00	2020	132.00	171	176.00	694080
54.00	10	92.00	19632	133.00	40	177.00	44160
55.00	1605	93.00	30896	134.00	298	178.00	1292
56.00	9831	94.00	86152	135.00	1165	179.00	64
57.00	18360	95.00	790592	136.00	223	207.00	307
58.00	706	96.00	52448	137.00	1447	208.00	3
60.00	6372	97.00	1532	138.00	100	209.00	5
61.00	32128	98.00	34	139.00	248	211.00	59
62.00	31472	103.00	368	140.00	594	215.00	66
63.00	23008	104.00	2371	141.00	7500	219.00	35
64.00	2205	105.00	880	142.00	927	227.00	40
65.00	526	106.00	2952	143.00	7486	232.00	40
66.00	133	107.00	687	144.00	462	233.00	78
67.00	1634	108.00	35	145.00	599	234.00	38
68.00	72608	109.00	55	146.00	1019		
69.00	75016	110.00	307	147.00	575		
70.00	5831	111.00	470	148.00	1925		
71.00	347	112.00	303	149.00	516		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: | Lab Sample ID: MB 220-25453/3

Matrix: Water | Lab File ID: W3952.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/23/2009 11:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25453 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.3	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: MB 220-25453/3

Matrix: Water Lab File ID: W3952.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 11:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	53-125	
460-00-4	4-Bromofluorobenzene	78	73-127	
1868-53-7	Dibromofluoromethane	90	54-137	
2037-26-5	Toluene-d8 (Surr)	92	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W3952.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 23-MAR-2009 11:06 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W8260LOW.m
Meth Date : 23-Mar-2009 09:28 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	841581	25.0000	
	21 Acetone	43	2.341	2.346	(0.472)	8328	1.34748	1
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	230753	22.5764	22
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	289276	23.5828	24
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	717232	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	852241	22.8844	23
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	371284	25.0000	
$	125 Bromofluorobenzene	95	10.120	10.114	(0.910)	259660	19.4452	19

Data File: W3952.D

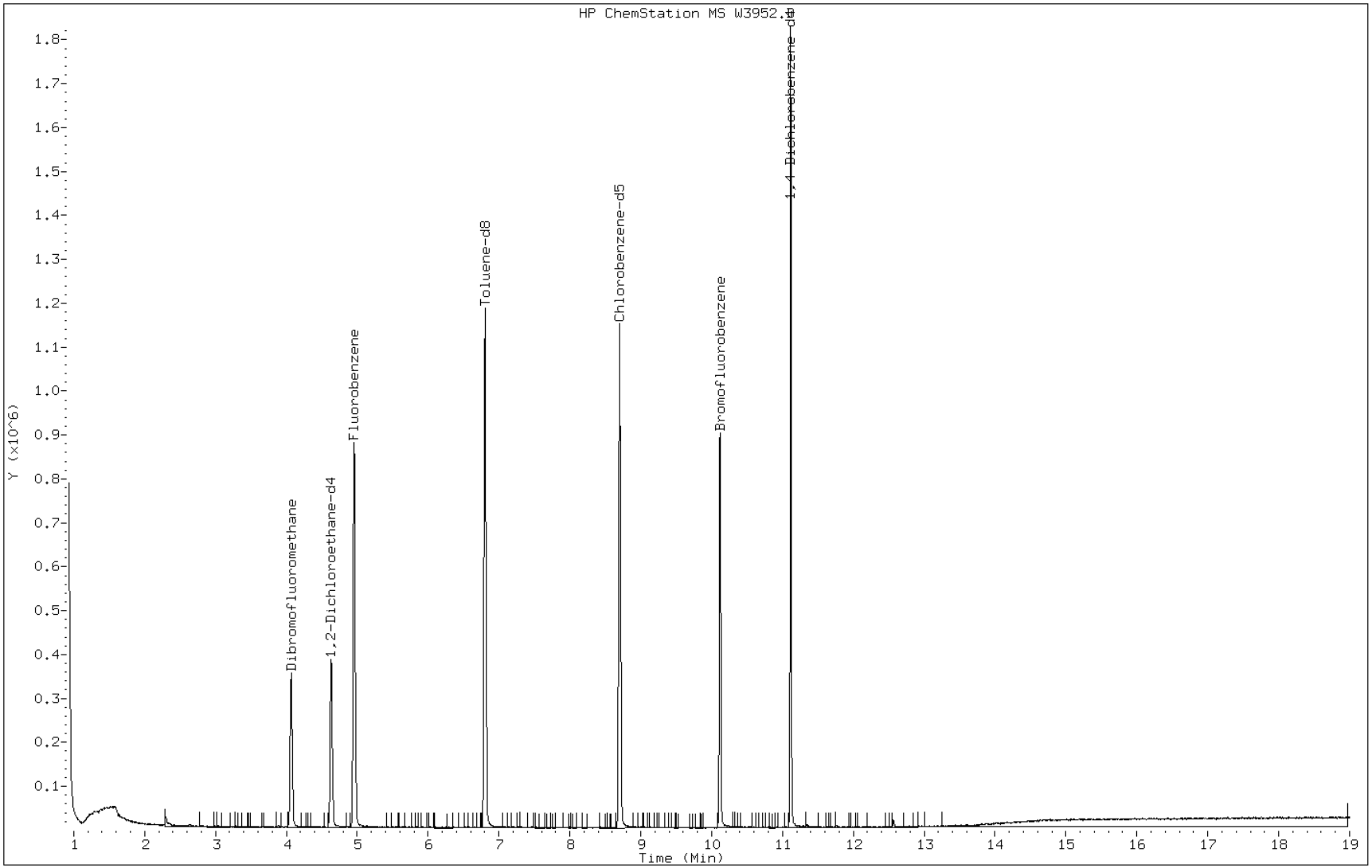
Date: 23-MAR-2009 11:06

Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



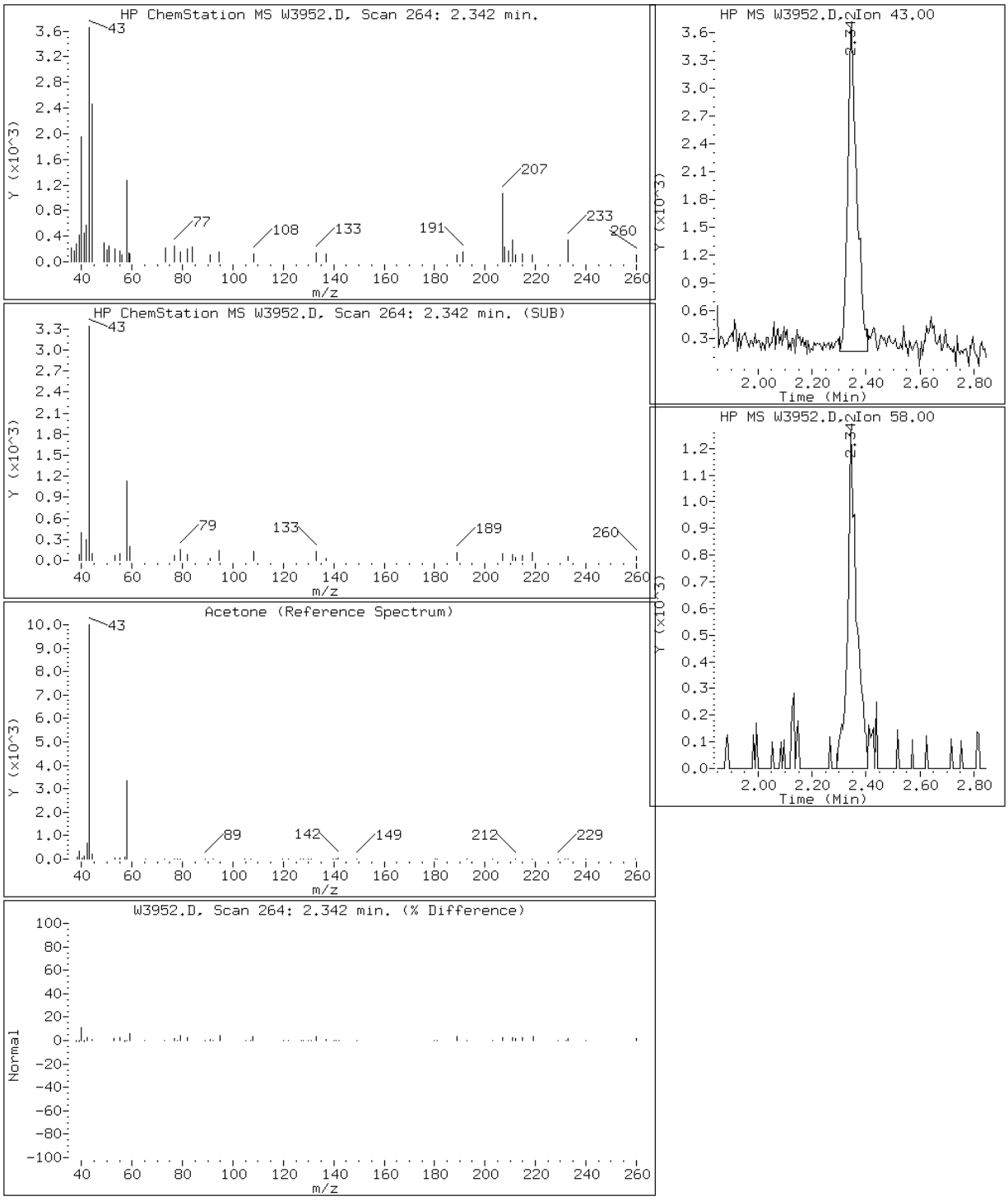
Data File: W3952.D

Date: 23-MAR-2009 11:06

Client ID: MB Instrument: msw.i

Sample Info: MB Operator: B.KOSTRZEWSKA

21 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: | Lab Sample ID: MB 220-25476/3

Matrix: Water | Lab File ID: L3583.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/23/2009 20:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25476 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: MB 220-25476/3

Matrix: Water Lab File ID: L3583.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 20:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86	53-125	
460-00-4	4-Bromofluorobenzene	90	73-127	
1868-53-7	Dibromofluoromethane	91	54-137	
2037-26-5	Toluene-d8 (Surr)	103	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3583.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 23-MAR-2009 20:49 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : MB
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.347	4.351	(1.000)	883200	25.0000	
	15 Carbon Disulfide	76	1.695	1.699	(0.390)	3213	0.12924	0.1
$	41 Dibromofluoromethane	111	3.371	3.375	(0.776)	163922	22.7118	23
$	55 1,2-Dichloroethane-d4	65	3.982	3.986	(0.916)	202318	21.3757	21
*	75 Chlorobenzene-d5	117	7.571	7.564	(1.000)	706862	25.0000	
$	77 Toluene-d8	98	6.102	6.096	(0.806)	465912	25.8623	26
*	95 1,4-Dichlorobenzene-d4	152	9.641	9.635	(1.000)	276555	25.0000	
	121 1,2,4-Trichlorobenzene	180	11.307	11.311	(1.173)	4399	0.62948	0.6
	123 Naphthalene	128	11.593	11.587	(1.202)	23997	1.32572	1
	124 1,2,3-Trichlorobenzene	180	11.751	11.754	(1.219)	3769	0.58290	0.6
$	125 Bromofluorobenzene	95	8.665	8.659	(0.899)	159839	22.4138	22

Data File: L3583.D

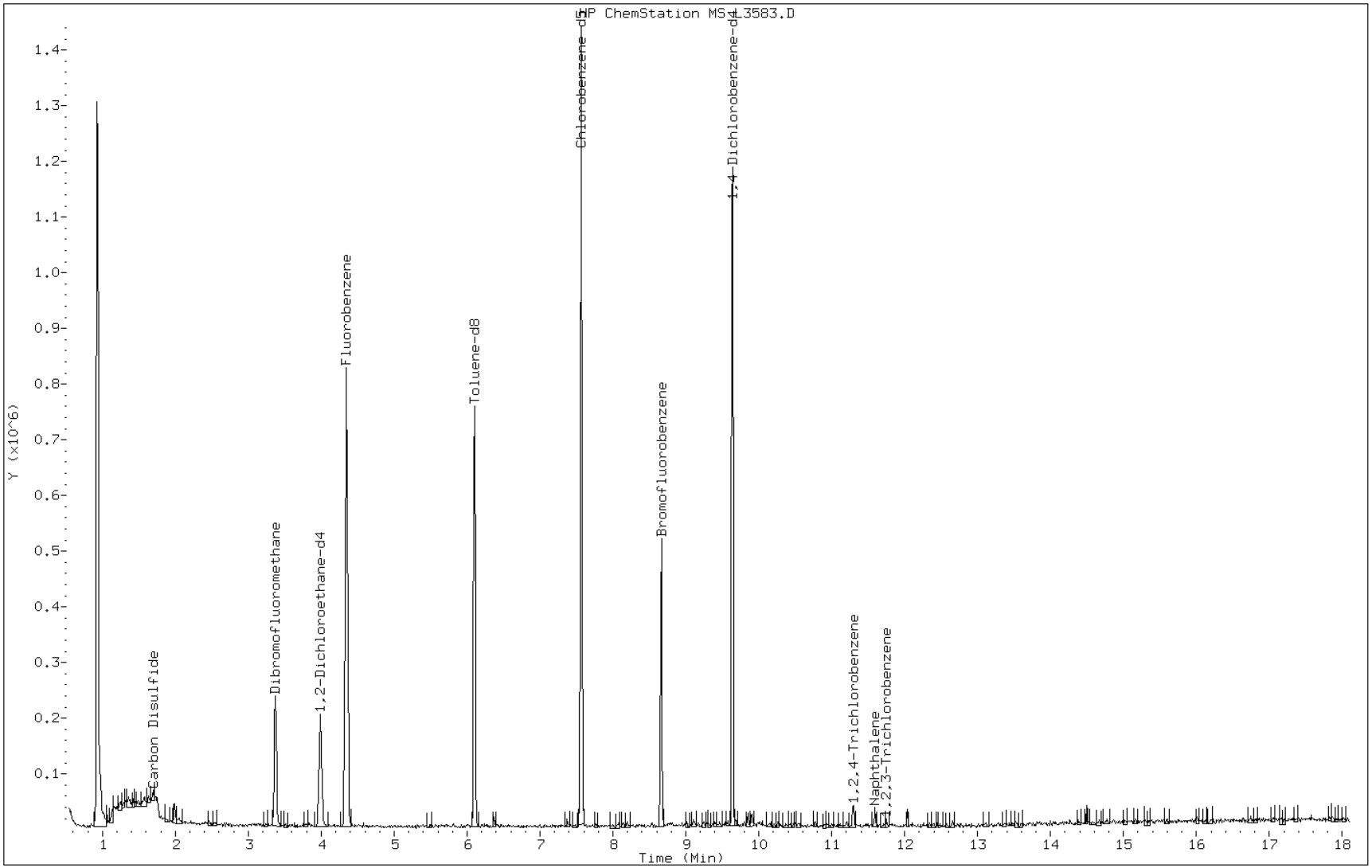
Date: 23-MAR-2009 20:49

Client ID: MB

Instrument: msl.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: | Lab Sample ID: MB 220-25483/3

Matrix: Water | Lab File ID: W3989.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 11:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25483 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.2	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: MB 220-25483/3

Matrix: Water Lab File ID: W3989.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 11:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	53-125	
460-00-4	4-Bromofluorobenzene	73	73-127	
1868-53-7	Dibromofluoromethane	87	54-137	
2037-26-5	Toluene-d8 (Surr)	87	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3989.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 24-MAR-2009 11:32 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.m
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.957	4.957	(1.000)	851534	25.0000	
	21 Acetone	43	2.357	2.346	(0.476)	7304	1.16798	1
	38 Chloroform	83	3.882	3.876	(0.783)	3047	0.13470	0.1
$	41 Dibromofluoromethane	111	4.069	4.069	(0.821)	223668	21.6275	22
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	287151	23.1359	23
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	746992	25.0000	
$	77 Toluene-d8	98	6.803	6.803	(0.782)	839412	21.6420	22
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	385482	25.0000	
$	125 Bromofluorobenzene	95	10.114	10.114	(0.910)	252533	18.2149	18

Data File: W3989.D

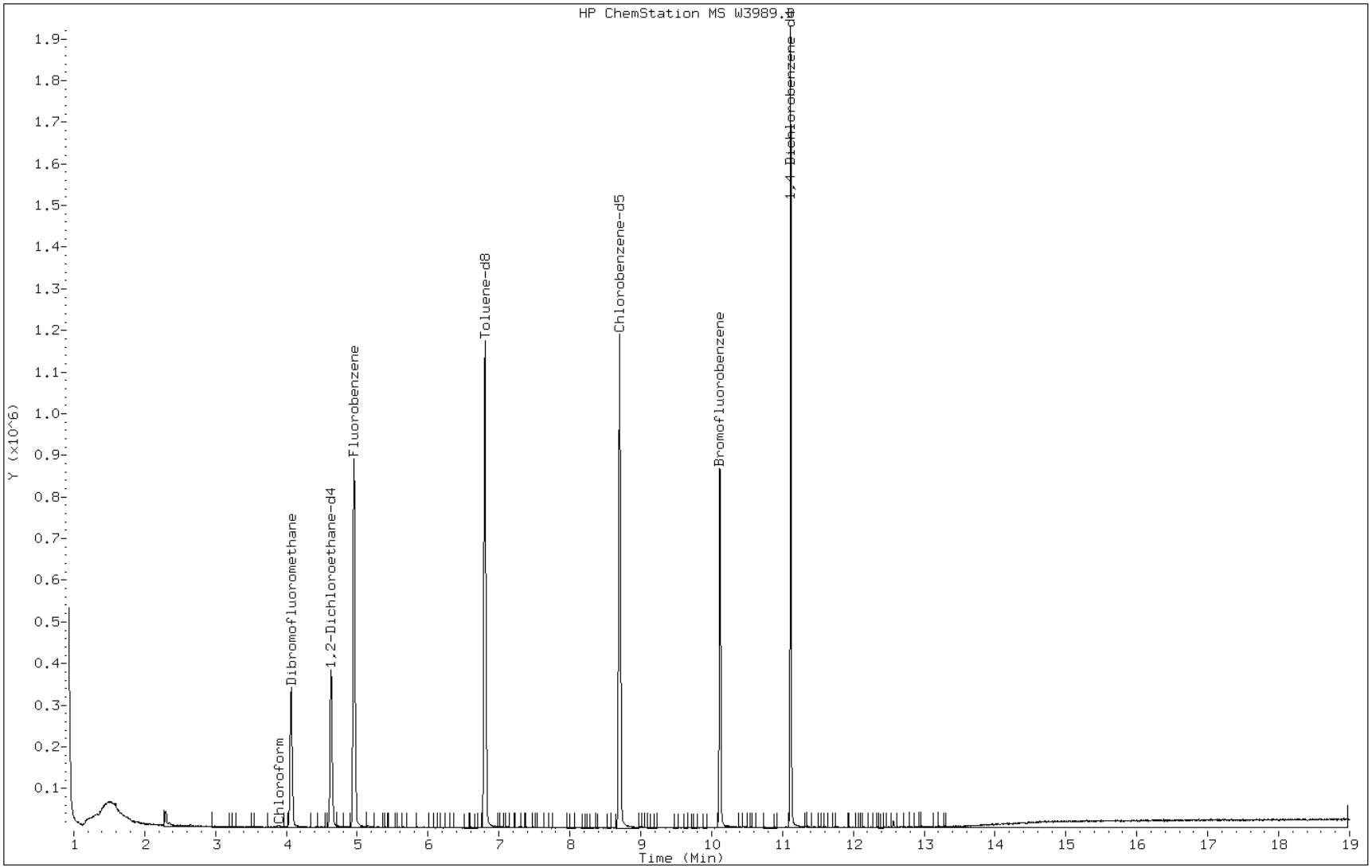
Date: 24-MAR-2009 11:32

Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: W3989.D

Date: 24-MAR-2009 11:32

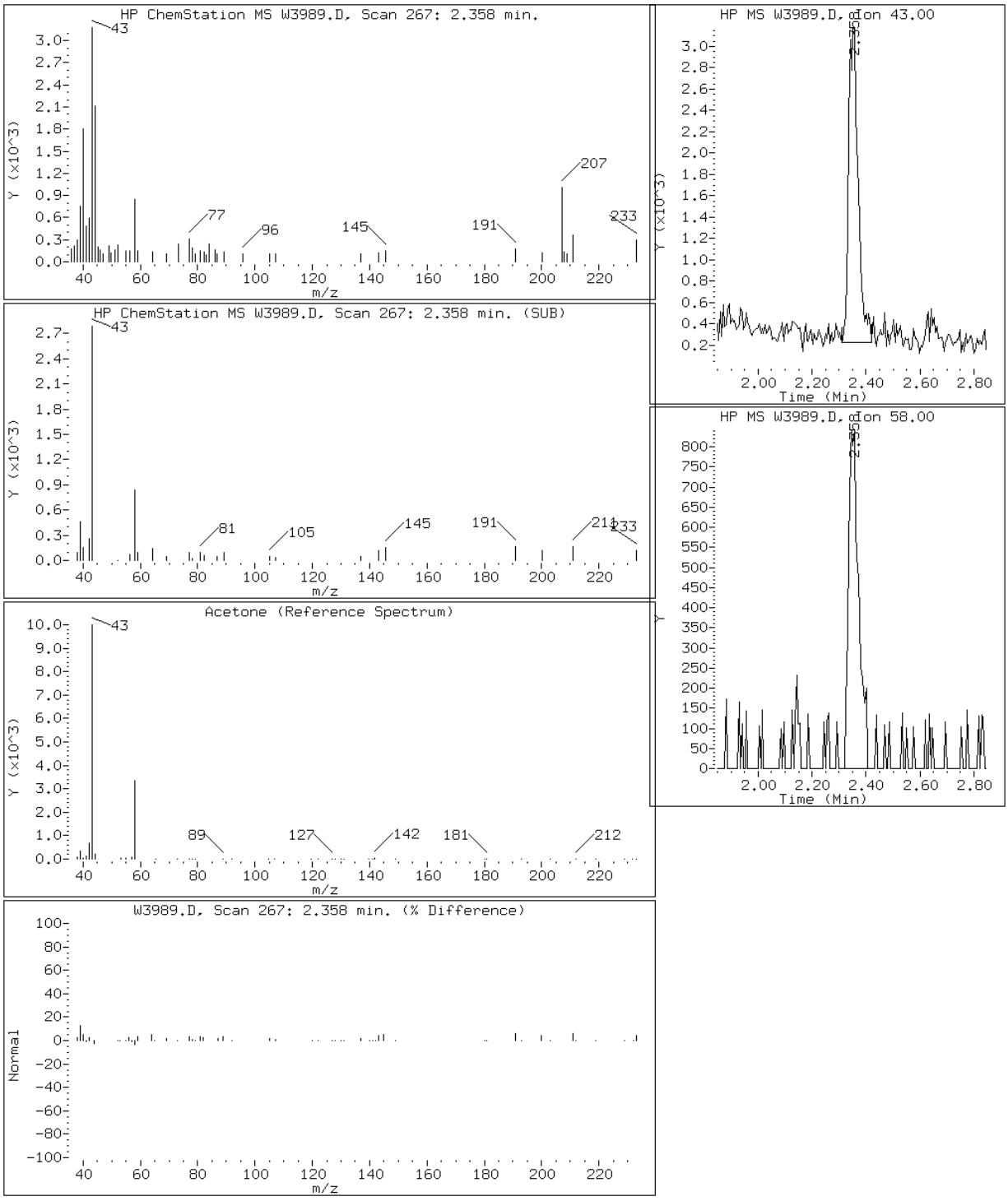
Client ID: MB

Instrument: msw.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

21 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: MB 220-25517/3

Matrix: Water Lab File ID: V2781.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2009 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25517 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	2.7	J	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	1.7	J	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: MB 220-25517/3

Matrix: Water Lab File ID: V2781.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2009 11:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25517 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92	53-125	
460-00-4	4-Bromofluorobenzene	83	73-127	
1868-53-7	Dibromofluoromethane	94	54-137	
2037-26-5	Toluene-d8 (Surr)	89	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V2781.D
Lab Smp Id: MB
Inj Date : 25-MAR-2009 11:20
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V8260LOW.m
Meth Date : 25-Mar-2009 09:45 barbara Quant Type: ISTD
Cal Date : 23-MAR-2009 18:11 Cal File: V2727.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.695	4.695	(1.000)	1491141	25.0000	
	3 Chloromethane	50	1.029	1.045	(0.219)	1963	1.70055	2
	5 Bromomethane	94	1.253	1.264	(0.267)	2155	2.73646	3(M)
	16 Iodomethane	142	1.808	1.813	(0.385)	9615	3.51875	4(M)
	38 Chloroform	83	3.622	3.622	(0.772)	3153	0.15708	0.2
$	41 Dibromofluoromethane	111	3.809	3.815	(0.811)	335587	23.5738	24
$	55 1,2-Dichloroethane-d4	65	4.370	4.375	(0.931)	357995	23.1031	23
*	75 Chlorobenzene-d5	117	8.442	8.442	(1.000)	1140841	25.0000	
$	77 Toluene-d8	98	6.542	6.542	(0.775)	1202603	22.2414	22
*	95 1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	571522	25.0000	
	122 Hexachlorobutadiene	225	12.412	12.412	(1.134)	1591	0.19802	0.2
$	125 Bromofluorobenzene	95	9.920	9.915	(0.906)	400355	20.6430	21

QC Flag Legend

M - Compound response manually integrated.

Data File: V2781.D

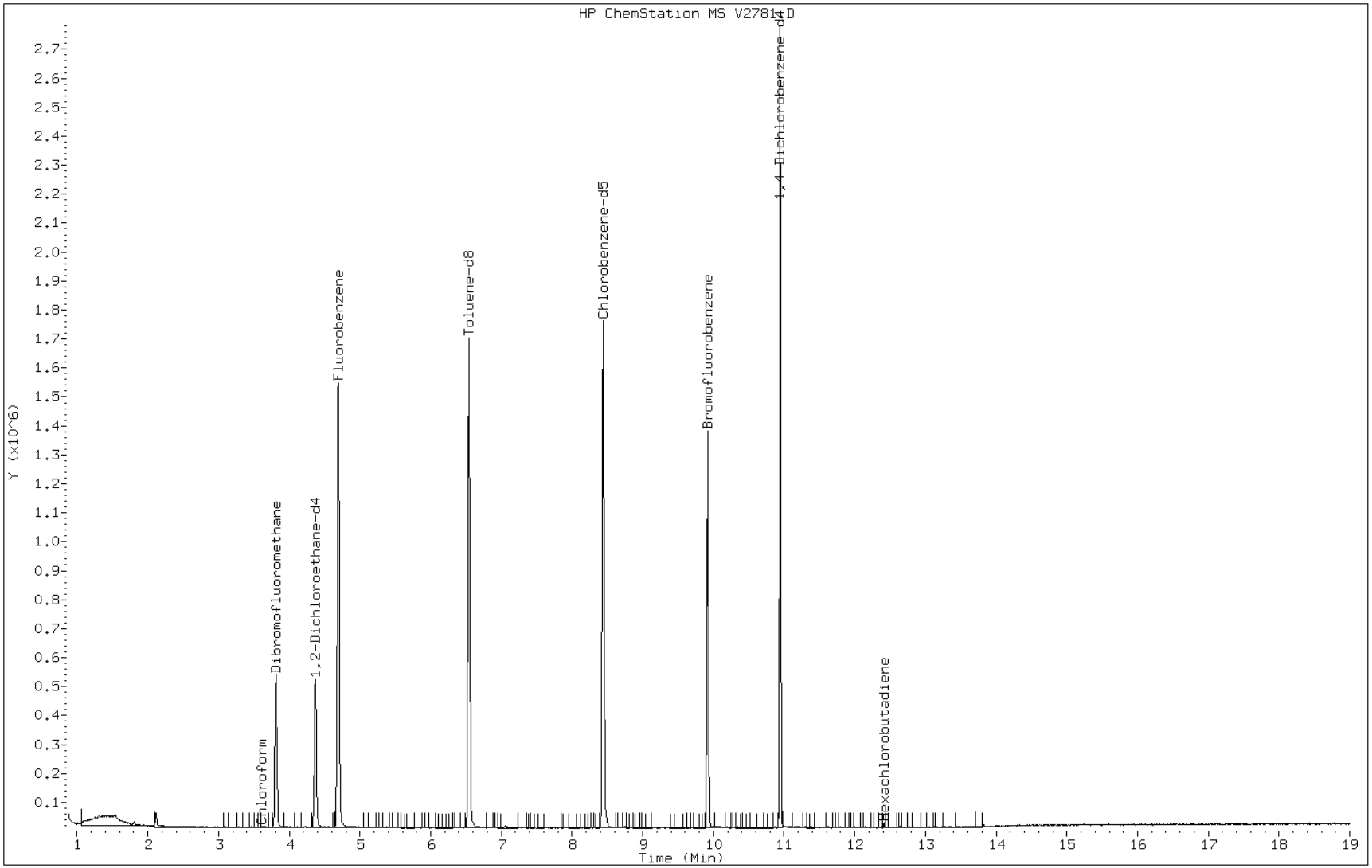
Date: 25-MAR-2009 11:20

Client ID:

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



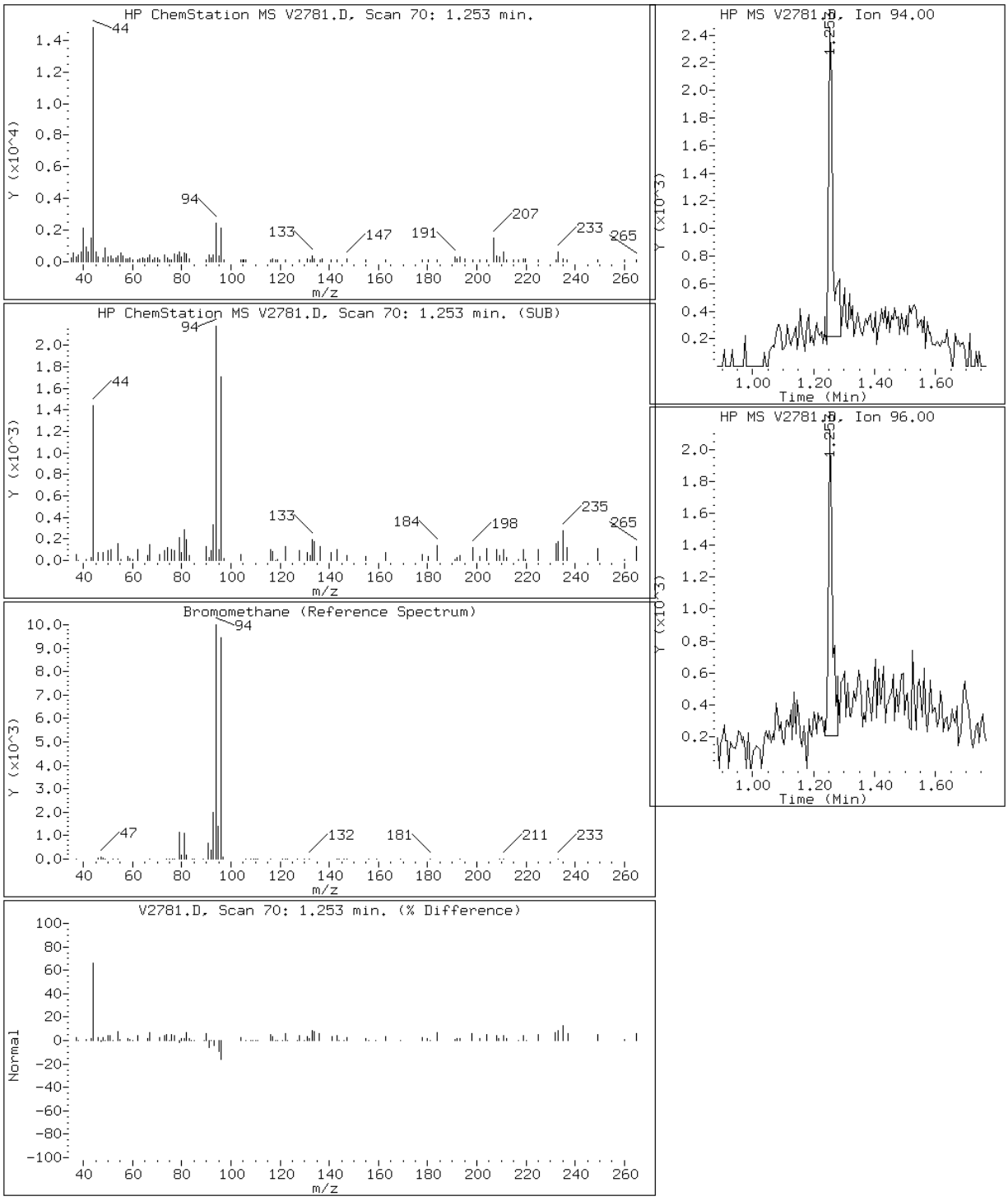
Data File: V2781.D

Date: 25-MAR-2009 11:20

Client ID: Instrument: msv.i

Sample Info: MB Operator: B.KOSTRZEWSKA

5 Bromomethane



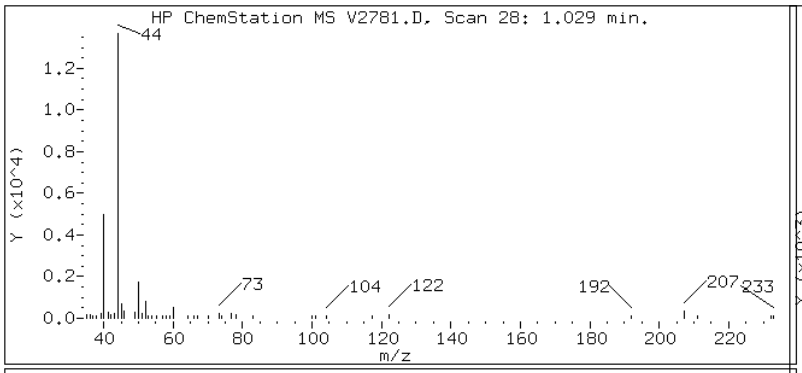
Data File: V2781.D

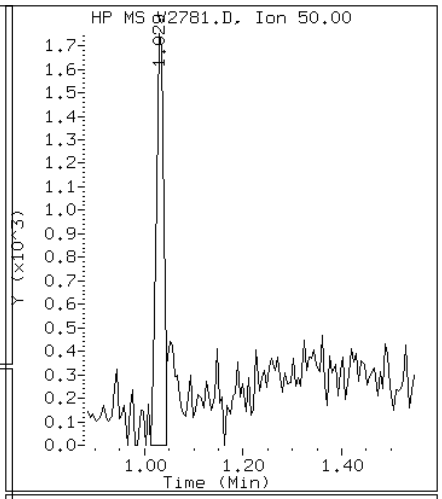
Date: 25-MAR-2009 11:20

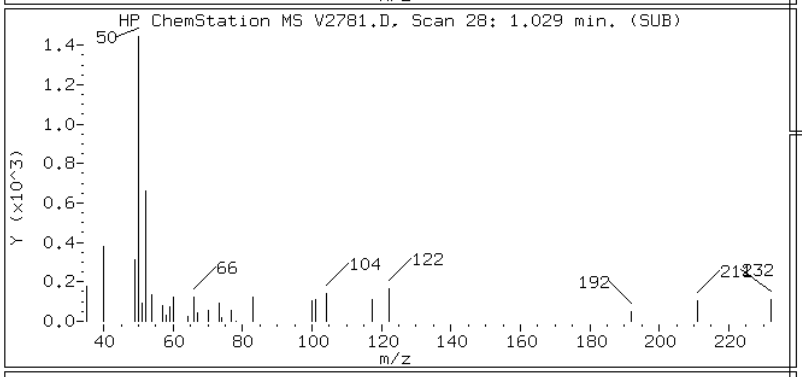
Client ID: Instrument: msv.i

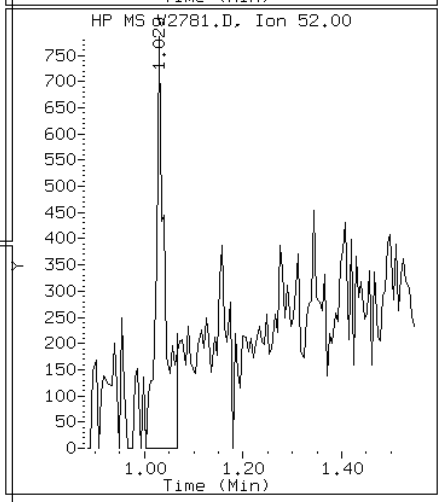
Sample Info: MB Operator: B.KOSTRZEWSKA

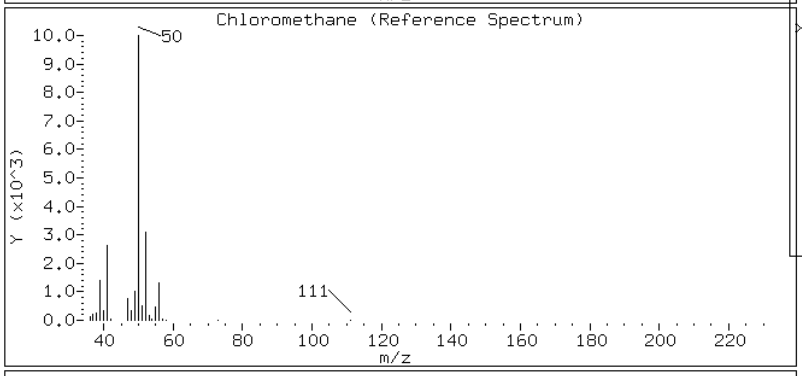
3 Chloromethane

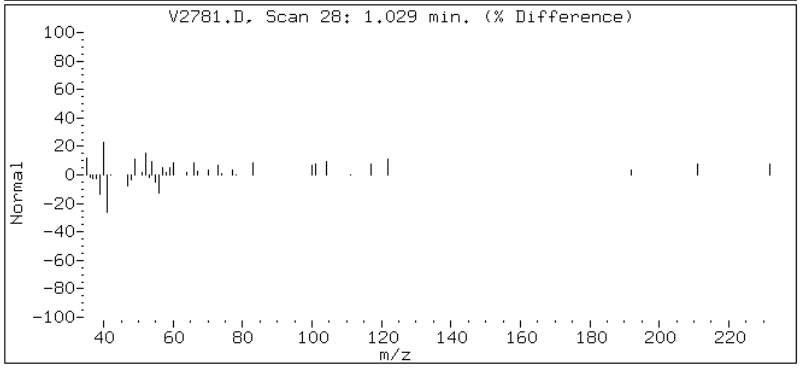












Manual Integration Report

Data File: V2781.D
Inj. Date and Time: 25-MAR-2009 11:20
Instrument ID: msv.i
Client ID:
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 03/25/2009

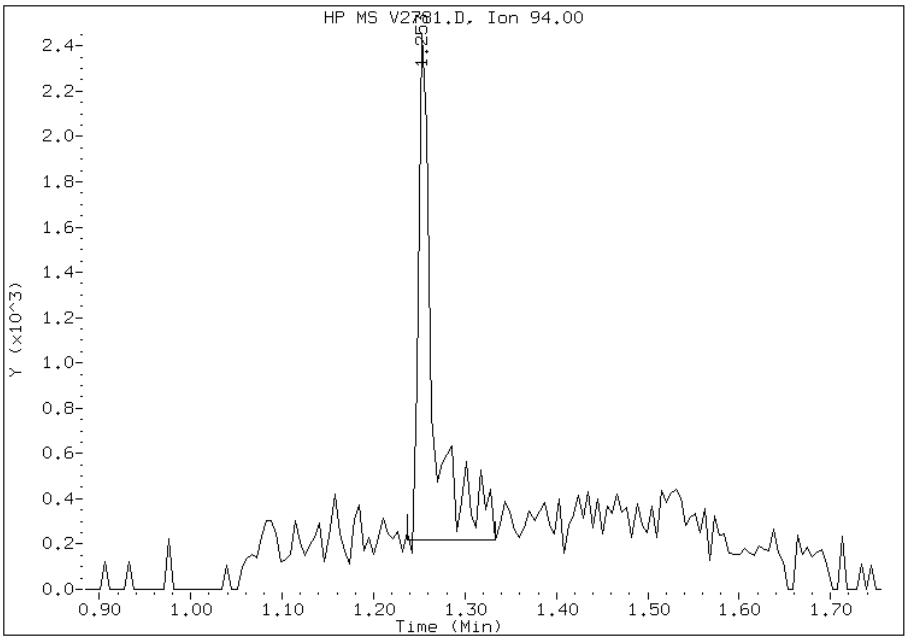
Processing Integration Results

RT: 1.25

Response: 2590

Amount: 3

Conc: 3



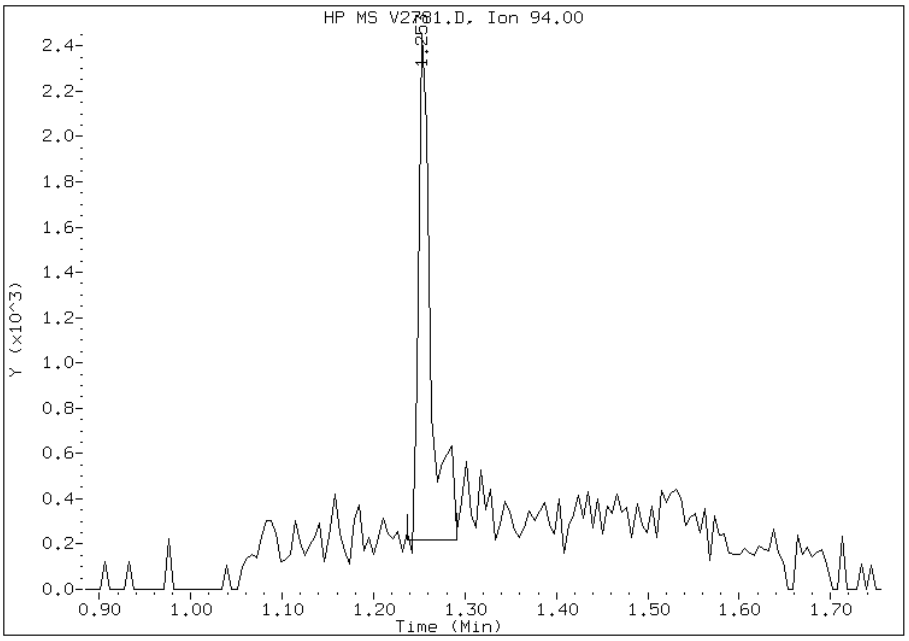
Manual Integration Results

RT: 1.25

Response: 2155

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: | Lab Sample ID: LCS 220-25453/2

Matrix: Water | Lab File ID: W3949.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/23/2009 09:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25453 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	16.6		10	1.0
71-43-2	Benzene	9.11		5.0	0.74
75-27-4	Bromodichloromethane	9.34		5.0	0.48
75-25-2	Bromoform	7.61		5.0	0.46
74-83-9	Bromomethane	8.63		5.0	2.1
78-93-3	Methyl Ethyl Ketone	15.1		10	1.1
75-15-0	Carbon disulfide	10.1		5.0	0.90
56-23-5	Carbon tetrachloride	10.1		5.0	1.1
108-90-7	Chlorobenzene	8.22		5.0	0.72
75-00-3	Chloroethane	7.56		5.0	1.1
67-66-3	Chloroform	9.41		5.0	0.67
74-87-3	Chloromethane	10.2		5.0	1.1
124-48-1	Dibromochloromethane	8.84		5.0	0.55
75-34-3	1,1-Dichloroethane	9.80		5.0	1.0
107-06-2	1,2-Dichloroethane	9.37		5.0	0.72
75-35-4	1,1-Dichloroethene	9.72		5.0	0.83
78-87-5	1,2-Dichloropropane	9.21		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.60		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	8.34		5.0	0.57
100-41-4	Ethylbenzene	8.18		5.0	0.87
591-78-6	2-Hexanone	9.33	J	10	1.1
75-09-2	Methylene Chloride	7.44		5.0	0.78
108-10-1	methyl isobutyl ketone	8.56	J	10	0.38
100-42-5	Styrene	6.21		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.42		5.0	0.81
127-18-4	Tetrachloroethene	7.05		5.0	0.81
108-88-3	Toluene	8.38		5.0	0.72
71-55-6	1,1,1-Trichloroethane	10.5		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.28		5.0	0.65
79-01-6	Trichloroethene	8.39		5.0	0.62
75-01-4	Vinyl chloride	10.5		5.0	0.99
1330-20-7	Xylenes, Total	22.9		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	8.56		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	8.10		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: LCS 220-25453/2

Matrix: Water Lab File ID: W3949.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 09:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25453 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	53-125	
460-00-4	4-Bromofluorobenzene	81	73-127	
1868-53-7	Dibromofluoromethane	94	54-137	
2037-26-5	Toluene-d8 (Surr)	94	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W3949.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 23-MAR-2009 09:46 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093947.b\W8260LOW.m
Meth Date : 23-Mar-2009 09:28 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CONMSW

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.957	4.957	(1.000)	853703	25.0000	
2	Dichlorodifluoromethane	85	1.014	1.014	(0.205)	106710	16.2449	16(R)
3	Chloromethane	50	1.137	1.132	(0.230)	117288	10.2368	10
4	Vinyl Chloride	62	1.175	1.175	(0.237)	100060	10.5123	10
5	Bromomethane	94	1.367	1.367	(0.276)	42422	8.63137	9
6	Chloroethane	64	1.442	1.448	(0.291)	53669	7.56155	8
7	Trichlorofluoromethane	101	1.533	1.533	(0.309)	160964	13.7139	14(R)
9	Ethyl Ether	45	1.737	1.737	(0.350)	103229	10.3160	10
11	Freon 141	81	1.795	1.795	(0.362)	205828	12.0348	12
12	Freon 123	67	1.913	1.913	(0.386)	26071	11.5416	12
13	Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	108419	13.9766	14(R)
14	1,1-Dichloroethene	96	1.865	1.870	(0.376)	92358	9.72272	10
15	Carbon Disulfide	76	1.886	1.886	(0.381)	349090	10.1410	10
16	Iodomethane	142	1.967	1.967	(0.397)	104183	7.99055	8(H)
19	3-Chloro-1-Propene	41	2.218	2.218	(0.448)	224116	10.2629	10
20	Methylene Chloride	84	2.298	2.304	(0.464)	123483	7.44225	7
21	Acetone	43	2.341	2.346	(0.472)	104144	16.6113	17(R)
22	trans-1,2-Dichloroethene	96	2.432	2.437	(0.491)	97080	8.09863	8
23	Methyl Acetate	43	2.453	2.453	(0.495)	393516	8.02045	8
24	Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	423756	9.62540	10
25	tert-Butyl alcohol	59	2.635	2.641	(0.532)	77516	36.9878	37
30	Acrylonitrile	53	3.053	3.058	(0.616)	120180	17.1821	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	31 1,1-Dichloroethane	63	2.999	3.004	(0.605)	228635	9.79675	10
	33 cis-1,2-Dichloroethene	96	3.566	3.571	(0.719)	123136	8.55898	8
	34 2,2-Dichloropropane	77	3.679	3.678	(0.742)	172905	10.8761	11
	35 Bromochloromethane	128	3.770	3.775	(0.760)	65093	8.50927	8
	37 Cyclohexane	84	3.775	3.780	(0.762)	152337	12.1053	12
	38 Chloroform	83	3.876	3.876	(0.782)	213417	9.41079	9
	39 Ethyl Acetate	43	4.032	4.042	(0.813)	27576	3.50258	4(R)
	40 Methyl Acrylate	55	4.037	4.037	(0.814)	132647	8.57914	8
$	41 Dibromofluoromethane	111	4.064	4.069	(0.820)	243230	23.4592	23
	42 Tetrahydrofuran	42	4.026	4.032	(0.812)	123751	17.7517	18
	43 Carbon Tetrachloride	117	4.000	4.005	(0.807)	143946	10.0819	10
	44 1,1,1-Trichloroethane	97	4.074	4.080	(0.822)	174218	10.4579	10
	45 2-Butanone	43	4.214	4.213	(0.850)	112593	15.0834	15(R)
	46 1,1-Dichloropropene	75	4.214	4.219	(0.850)	134347	8.50235	8
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	250562	10.4710	10
	51 Propionitrile	54	4.513	4.513	(0.910)	248058	96.8962	97
	52 Benzene	78	4.481	4.486	(0.904)	466822	9.10726	9
	53 2-Methyl-2-Propenenitrile	41	4.540	4.540	(0.916)	112689	8.66313	9(M)
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	292840	23.5343	24
	56 1,2-Dichloroethane	62	4.706	4.711	(0.949)	175256	9.36748	9
	59 Methyl Cyclohexane	83	5.128	5.134	(1.035)	140201	11.3442	11
	60 Trichloroethene	130	5.150	5.155	(1.039)	112286	8.39116	8
	63 Dibromomethane	93	5.610	5.610	(1.132)	71612	8.20023	8
	64 1,2-Dichloropropane	63	5.727	5.733	(1.155)	129095	9.20837	9
	65 Bromodichloromethane	83	5.829	5.834	(1.176)	154150	9.34341	9
	66 Methyl Methacrylate	69	6.075	6.080	(1.226)	200003	16.8646	17
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	180638	8.59849	8
	71 Chloroacetonitrile	48	7.065	7.070	(1.425)	118927	177.157	180
	72 2-Nitropropane	41	7.134	7.134	(1.439)	88690	18.3932	18
	73 trans-1,3-Dichloropropene	75	7.391	7.391	(1.491)	173910	8.33757	8
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	114587	9.27665	9
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	726202	25.0000	
	76 Toluene	91	6.862	6.862	(0.789)	444073	8.37575	8
$	77 Toluene-d8	98	6.803	6.803	(0.782)	890692	23.6215	24
	78 1,1-Dichloro-2-propanone	43	7.151	7.150	(0.822)	412098	41.8327	42
	79 4-Methyl-2-Pentanone	43	7.365	7.364	(0.846)	143124	8.55929	8
	80 Tetrachloroethene	164	7.316	7.316	(0.841)	73767	7.05152	7
	81 Ethyl Methacrylate	69	7.664	7.664	(0.881)	129243	6.92315	7(R)
	82 Dibromochloromethane	129	7.771	7.771	(0.893)	124029	8.83797	9
	83 1,3-Dichloropropane	76	7.894	7.894	(0.907)	205201	8.89314	9
	84 1,2-Dibromoethane	107	8.023	8.022	(0.922)	104215	7.81353	8
	86 2-Hexanone	43	8.424	8.424	(0.968)	116465	9.33241	9
	87 1-Chlorohexane	91	8.782	8.777	(1.009)	127074	10.5204	10(RM)
	88 Chlorobenzene	112	8.723	8.723	(1.002)	300378	8.21997	8
	89 1,1,1,2-Tetrachloroethane	131	8.825	8.830	(1.014)	116676	9.04471	9
	90 Ethylbenzene	106	8.804	8.803	(1.012)	145725	8.18014	8
	91 Xylene (total)mp	106	9.002	9.007	(1.034)	343663	14.9246	15
	92 Xylene (total)o	106	9.510	9.510	(1.093)	166937	7.96211	8
	93 Styrene	104	9.574	9.574	(1.100)	219152	6.20567	6(R)
	94 Bromoform	173	9.558	9.558	(1.098)	78950	7.61286	8
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	388881	25.0000	
	96 Isopropylbenzene	105	9.863	9.863	(0.887)	370186	7.78918	8
	97 Bromobenzene	156	10.194	10.194	(0.917)	124713	8.12318	8
	98 1,1,2,2-Tetrachloroethane	83	10.350	10.350	(0.931)	149468	9.41943	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
99	4-Ethyltoluene	105	10.392	10.387	(0.935)	5115	0.17902	0.2
100	1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	49973	8.93537	9
101	trans-1,4-Dichloro-2-Butene	53	10.510	10.505	(0.946)	104849	25.4705	25
102	n-Propylbenzene	91	10.275	10.275	(0.924)	411715	7.76543	8
103	2-Chlorotoluene	91	10.387	10.387	(0.935)	286416	7.49281	7
104	4-Chlorotoluene	91	10.548	10.547	(0.949)	305659	8.51648	8
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	294196	7.35447	7
106	tert-Butylbenzene	119	10.746	10.745	(0.967)	253878	7.94541	8
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	310752	7.61960	8
108	sec-Butylbenzene	105	10.901	10.901	(0.981)	339319	7.94505	8
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	287462	7.75405	8
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	200835	8.14898	8
111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	216152	8.28370	8
112	1,2-Dichlorobenzene	146	11.462	11.462	(1.031)	210457	8.44088	8
113	Benzyl Chloride	126	11.339	11.339	(1.020)	60214	8.64445	9
115	n-Butylbenzene	91	11.377	11.377	(1.024)	257676	7.90117	8
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	28973	8.66942	9
120	Nitrobenzene	77	12.479	12.479	(1.123)	94566	80.5759	80
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	144838	8.44000	8
122	Hexachlorobutadiene	225	12.570	12.564	(1.131)	64011	8.43500	8
123	Naphthalene	128	12.800	12.800	(1.152)	444265	7.87344	8
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	152384	8.88126	9
$ 125	Bromofluorobenzene	95	10.114	10.114	(0.910)	283897	20.2982	20
M 126	1,2-Dichloroethene (total)	100				220216	16.6576	17
M 127	Xylene (total)	100				510600	22.8867	23

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: W3949.D

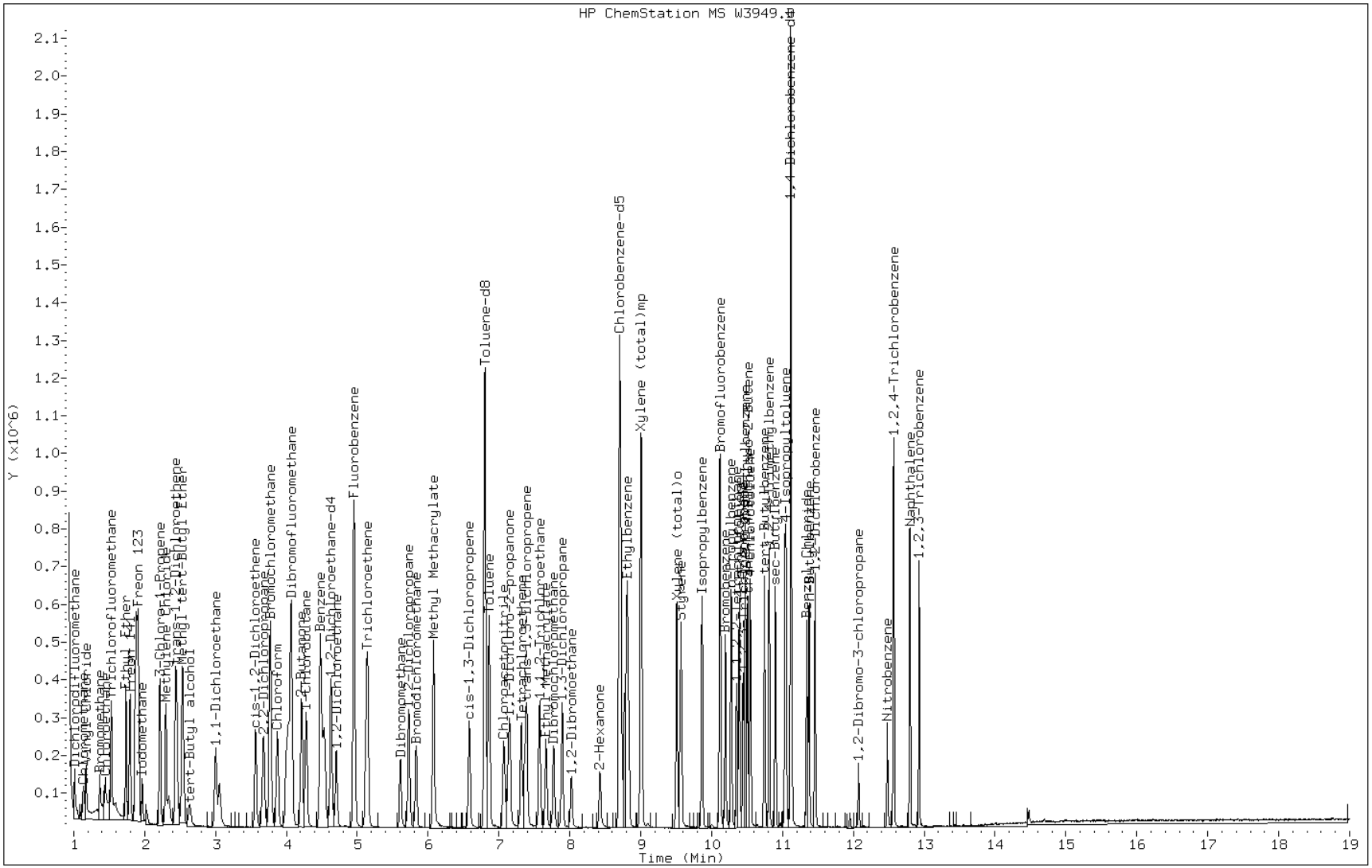
Date: 23-MAR-2009 09:46

Client ID: LCS

Instrument: msw.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: LCS 220-25476/2

Matrix: Water Lab File ID: L3581.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 19:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	29.1		10	1.0
71-43-2	Benzene	19.7		5.0	0.74
75-27-4	Bromodichloromethane	17.3		5.0	0.48
75-25-2	Bromoform	16.6		5.0	0.46
74-83-9	Bromomethane	16.0		5.0	2.1
78-93-3	Methyl Ethyl Ketone	23.2		10	1.1
75-15-0	Carbon disulfide	20.8		5.0	0.90
56-23-5	Carbon tetrachloride	18.9		5.0	1.1
108-90-7	Chlorobenzene	18.0		5.0	0.72
75-00-3	Chloroethane	22.2		5.0	1.1
67-66-3	Chloroform	18.4		5.0	0.67
74-87-3	Chloromethane	25.7		5.0	1.1
124-48-1	Dibromochloromethane	17.2		5.0	0.55
75-34-3	1,1-Dichloroethane	20.3		5.0	1.0
107-06-2	1,2-Dichloroethane	16.2		5.0	0.72
75-35-4	1,1-Dichloroethene	21.2		5.0	0.83
78-87-5	1,2-Dichloropropane	20.8		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	17.0		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	16.7		5.0	0.57
100-41-4	Ethylbenzene	18.1		5.0	0.87
591-78-6	2-Hexanone	23.2		10	1.1
75-09-2	Methylene Chloride	17.7		5.0	0.78
108-10-1	methyl isobutyl ketone	19.9		10	0.38
100-42-5	Styrene	15.2		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	20.5		5.0	0.81
127-18-4	Tetrachloroethene	16.2		5.0	0.81
108-88-3	Toluene	18.8		5.0	0.72
71-55-6	1,1,1-Trichloroethane	18.8		5.0	0.69
79-00-5	1,1,2-Trichloroethane	18.6		5.0	0.65
79-01-6	Trichloroethene	17.5		5.0	0.62
75-01-4	Vinyl chloride	23.7		5.0	0.99
1330-20-7	Xylenes, Total	53.6		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	18.7		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	17.8		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: LCS 220-25476/2

Matrix: Water Lab File ID: L3581.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/23/2009 19:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25476 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	75	53-125	
460-00-4	4-Bromofluorobenzene	87	73-127	
1868-53-7	Dibromofluoromethane	85	54-137	
2037-26-5	Toluene-d8 (Surr)	96	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L3581.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 23-MAR-2009 19:57 MS Autotune Date: 16-MAY-2008 08:11
Operator : B.KOSTRZEWSKA Inst ID: msl.i
Smp Info : LCS
Misc Info : : ;;;; ;8260; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L093579.b\L8260BNW.m
Meth Date : 24-Mar-2009 16:24 msl.i Quant Type: ISTD
Cal Date : 19-MAR-2009 17:20 Cal File: L3474.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.347	4.351	(1.000)	961119	25.0000	
2	Dichlorodifluoromethane	85	1.004	1.008	(0.231)	217967	33.4271	33(R)
3	Chloromethane	50	1.113	1.107	(0.256)	215907	25.6961	26
4	Vinyl Chloride	62	1.133	1.137	(0.261)	184881	23.7483	24
5	Bromomethane	94	1.290	1.294	(0.297)	79961	15.9873	16
6	Chloroethane	64	1.350	1.354	(0.311)	122906	22.1761	22
7	Trichlorofluoromethane	101	1.419	1.413	(0.326)	278028	21.1607	21
9	Ethyl Ether	45	1.557	1.561	(0.358)	116377	19.7546	20
11	Freon 141	81	1.616	1.610	(0.372)	324299	21.4247	21
12	Freon 123	67	1.675	1.679	(0.385)	53500	21.0475	21
13	Trichlorotrifluoroethane	101	1.685	1.679	(0.388)	149778	21.5370	22
14	1,1-Dichloroethene	96	1.675	1.669	(0.385)	145158	21.2474	21
15	Carbon Disulfide	76	1.695	1.699	(0.390)	562300	20.7839	21
16	Iodomethane	142	1.754	1.758	(0.404)	148885	13.9714	14
19	3-Chloro-1-Propene	41	1.931	1.925	(0.444)	341943	22.6086	23
20	Methylene Chloride	84	1.990	1.984	(0.458)	222418	17.7133	18
21	Acetone	43	2.050	2.044	(0.472)	84917	29.0736	29
22	trans-1,2-Dichloroethene	96	2.089	2.083	(0.481)	170489	17.7664	18
23	Methyl Acetate	43	2.099	2.093	(0.483)	496893	16.8437	17
24	Methyl tert-Butyl Ether	73	2.148	2.152	(0.494)	665790	19.4620	19
25	tert-Butyl alcohol	59	2.276	2.251	(0.524)	56539	59.7582	60(R)
30	Acrylonitrile	53	2.562	2.556	(0.590)	156751	39.4133	39
31	1,1-Dichloroethane	63	2.503	2.497	(0.576)	407749	20.2589	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	33 cis-1,2-Dichloroethene	96	2.937	2.941	(0.676)	217537	18.6829	19
	34 2,2-Dichloropropane	77	3.035	3.029	(0.698)	372841	21.3158	21
	35 Bromochloromethane	128	3.124	3.118	(0.719)	110448	17.3086	17
	37 Cyclohexane	84	3.114	3.118	(0.717)	192756	23.1429	23
	38 Chloroform	83	3.193	3.187	(0.735)	418563	18.4310	18
	39 Ethyl Acetate	43	3.361	3.315	(0.773)	38802	6.57577	6(R)
	40 Methyl Acrylate	55	3.331	3.325	(0.766)	208978	18.6212	19
$	41 Dibromofluoromethane	111	3.371	3.375	(0.775)	167412	21.3148	21
	42 Tetrahydrofuran	42	3.361	3.355	(0.773)	150961	38.2197	38
	43 Carbon Tetrachloride	117	3.321	3.315	(0.764)	231690	18.9447	19
	44 1,1,1-Trichloroethane	97	3.400	3.394	(0.782)	314378	18.7734	19
	45 2-Butanone	43	3.548	3.532	(0.816)	106653	23.1612	23
	46 1,1-Dichloropropene	75	3.528	3.522	(0.812)	265790	18.1618	18
	49 1-Chlorobutane	56	3.587	3.591	(0.825)	455539	22.2041	22
	51 Propionitrile	54	3.903	3.887	(0.898)	279754	202.591	200
	52 Benzene	78	3.814	3.818	(0.878)	727150	19.7116	20
	53 2-Methyl-2-Propenenitrile	41	3.893	3.887	(0.896)	178701	21.3027	21
$	55 1,2-Dichloroethane-d4	65	3.992	3.986	(0.918)	193688	18.8049	19
	56 1,2-Dichloroethane	62	4.080	4.075	(0.939)	322514	16.1565	16
	59 Methyl Cyclohexane	83	4.524	4.528	(1.041)	174664	21.3125	21
	60 Trichloroethene	130	4.554	4.548	(1.048)	168747	17.4810	17
	63 Dibromomethane	93	5.037	5.031	(1.159)	143509	16.5588	16
	64 1,2-Dichloropropane	63	5.155	5.149	(1.186)	225155	20.7515	21
	65 Bromodichloromethane	83	5.234	5.238	(1.204)	304907	17.3491	17
	66 Methyl Methacrylate	69	5.451	5.455	(1.254)	341752	41.0085	41
	70 cis-1,3-Dichloropropene	75	5.914	5.918	(1.361)	333557	16.9787	17
	71 Chloroacetonitrile	48	6.348	6.342	(1.460)	182753	532.561	530
	72 2-Nitropropane	41	6.397	6.391	(1.472)	143838	36.0833	36
	73 trans-1,3-Dichloropropene	75	6.585	6.579	(1.515)	337424	16.7211	17
	74 1,1,2-Trichloroethane	97	6.723	6.727	(1.547)	181898	18.5770	18
*	75 Chlorobenzene-d5	117	7.570	7.564	(1.000)	750406	25.0000	
	76 Toluene	91	6.151	6.155	(0.812)	676841	18.8045	19
$	77 Toluene-d8	98	6.101	6.096	(0.806)	459790	24.0415	24
	78 1,1-Dichloro-2-propanone	43	6.397	6.401	(0.845)	609410	94.5702	94
	79 4-Methyl-2-Pentanone	43	6.565	6.559	(0.867)	239776	19.8810	20
	80 Tetrachloroethene	164	6.516	6.519	(0.861)	92402	16.2448	16
	81 Ethyl Methacrylate	69	6.772	6.776	(0.895)	275636	17.7521	18
	82 Dibromochloromethane	129	6.880	6.884	(0.909)	221328	17.2244	17
	83 1,3-Dichloropropane	76	6.979	6.973	(0.922)	327540	17.5385	18
	84 1,2-Dibromoethane	107	7.087	7.081	(0.936)	190607	16.3648	16
	86 2-Hexanone	43	7.353	7.357	(0.971)	189095	23.1687	23
	87 1-Chlorohexane	91	7.600	7.594	(1.004)	219164	21.6061	22
	88 Chlorobenzene	112	7.580	7.584	(1.001)	427713	17.9745	18
	89 1,1,1,2-Tetrachloroethane	131	7.649	7.653	(1.010)	172354	17.9717	18
	90 Ethylbenzene	106	7.630	7.624	(1.008)	184823	18.1285	18
	91 Xylene (total)mp	106	7.768	7.762	(1.026)	436903	35.4386	35
	92 Xylene (total)o	106	8.142	8.146	(1.076)	229170	18.1919	18
	93 Styrene	104	8.191	8.195	(1.082)	349869	15.1768	15
	94 Bromoform	173	8.201	8.195	(1.083)	129639	16.5533	16
*	95 1,4-Dichlorobenzene-d4	152	9.641	9.635	(1.000)	297502	25.0000	
	96 Isopropylbenzene	105	8.428	8.432	(0.874)	478562	18.1454	18
	97 Bromobenzene	156	8.744	8.738	(0.907)	161067	16.6242	17
	98 1,1,2,2-Tetrachloroethane	83	8.872	8.866	(0.920)	255397	20.4952	20
	100 1,2,3-Trichloropropane	110	8.970	8.964	(0.930)	67668	17.8934	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
101	trans-1,4-Dichloro-2-Butene	53	9.020	9.014	(0.936)	155004	48.7084	49(R)
102	n-Propylbenzene	91	8.793	8.797	(0.912)	575274	17.6014	18
103	2-Chlorotoluene	91	8.911	8.915	(0.924)	417747	15.5852	16
104	4-Chlorotoluene	91	9.059	9.063	(0.940)	433767	16.5544	16
105	1,3,5-Trimethylbenzene	105	8.980	8.974	(0.931)	378365	17.2643	17
106	tert-Butylbenzene	119	9.246	9.250	(0.959)	308830	18.1928	18
107	1,2,4-Trimethylbenzene	105	9.315	9.309	(0.966)	377482	16.5197	16
108	sec-Butylbenzene	105	9.404	9.398	(0.975)	443193	17.4560	17
109	4-Isopropyltoluene	119	9.542	9.536	(0.990)	366980	17.6846	18
110	1,3-Dichlorobenzene	146	9.572	9.566	(0.993)	222507	16.0448	16
111	1,4-Dichlorobenzene	146	9.651	9.655	(1.001)	241236	16.6299	17
112	1,2-Dichlorobenzene	146	10.015	10.009	(1.039)	229770	16.6268	17
113	Benzyl Chloride	126	9.877	9.881	(1.025)	72852	18.8128	19
115	n-Butylbenzene	91	9.907	9.901	(1.028)	469469	19.7012	20(H)
119	1,2-Dibromo-3-chloropropane	75	10.715	10.709	(1.111)	40694	16.5817	16
120	Nitrobenzene	77	11.208	11.202	(1.163)	105148	152.436	150
121	1,2,4-Trichlorobenzene	180	11.307	11.311	(1.173)	122210	16.2564	16
122	Hexachlorobutadiene	225	11.297	11.301	(1.172)	46181	6.61368	7
123	Naphthalene	128	11.593	11.587	(1.202)	340386	17.4806	17
124	1,2,3-Trichlorobenzene	180	11.750	11.754	(1.219)	106782	15.3517	15
$ 125	Bromofluorobenzene	95	8.665	8.659	(0.899)	167589	21.8459	22
M 126	1,2-Dichloroethene (total)	100				388026	36.4492	36
M 127	Xylene (total)	100				666073	53.6305	54(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: L3581.D

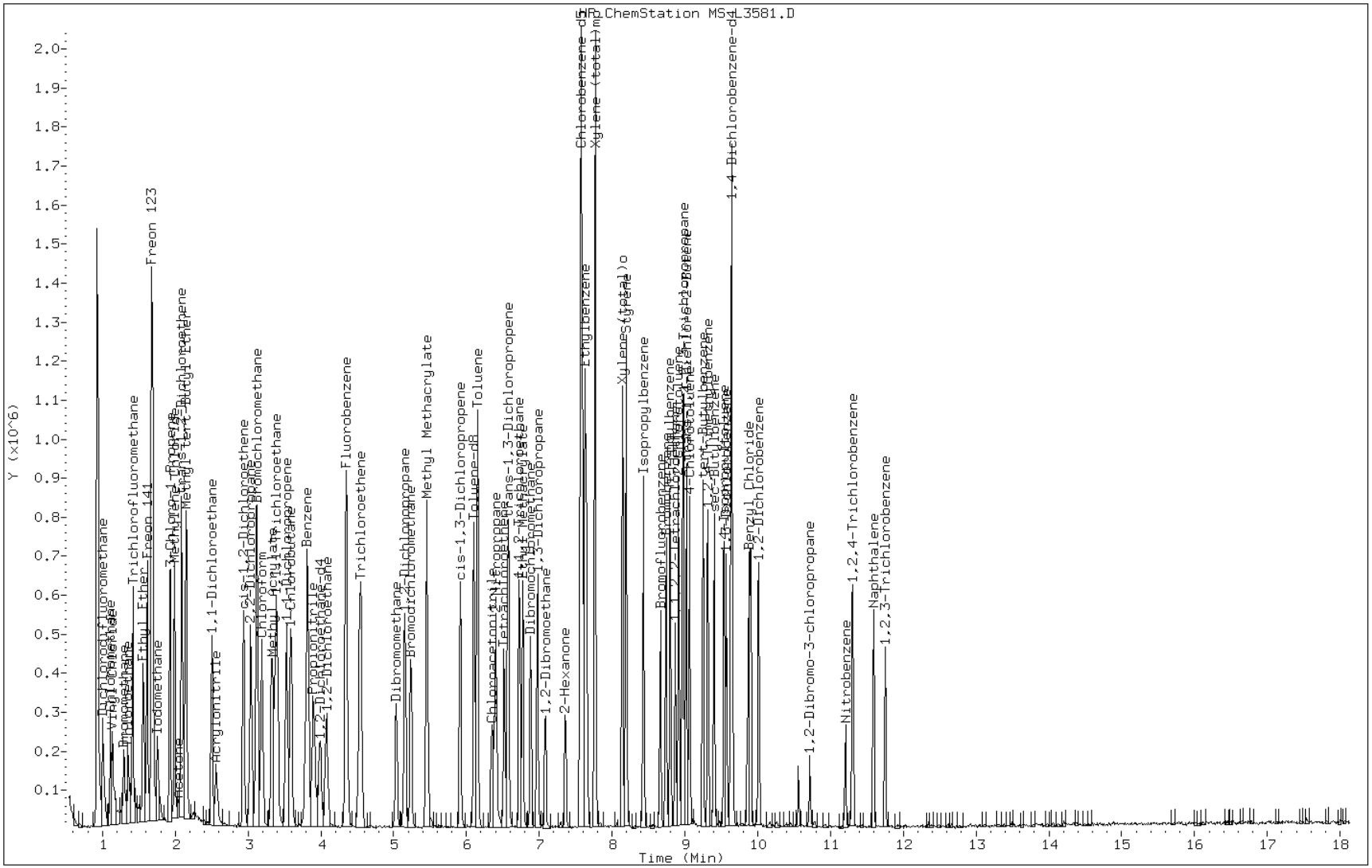
Date: 23-MAR-2009 19:57

Client ID: LCS

Instrument: msl.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: | Lab Sample ID: LCS 220-25483/2

Matrix: Water | Lab File ID: W3986.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/24/2009 10:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25483 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	16.9		10	1.0
71-43-2	Benzene	11.2		5.0	0.74
75-27-4	Bromodichloromethane	11.0		5.0	0.48
75-25-2	Bromoform	8.04		5.0	0.46
74-83-9	Bromomethane	10.8		5.0	2.1
78-93-3	Methyl Ethyl Ketone	13.8		10	1.1
75-15-0	Carbon disulfide	12.6		5.0	0.90
56-23-5	Carbon tetrachloride	12.6		5.0	1.1
108-90-7	Chlorobenzene	9.39		5.0	0.72
75-00-3	Chloroethane	10.0		5.0	1.1
67-66-3	Chloroform	11.6		5.0	0.67
74-87-3	Chloromethane	12.7		5.0	1.1
124-48-1	Dibromochloromethane	9.47		5.0	0.55
75-34-3	1,1-Dichloroethane	12.0		5.0	1.0
107-06-2	1,2-Dichloroethane	10.9		5.0	0.72
75-35-4	1,1-Dichloroethene	11.9		5.0	0.83
78-87-5	1,2-Dichloropropane	10.8		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	9.76		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.30		5.0	0.57
100-41-4	Ethylbenzene	9.64		5.0	0.87
591-78-6	2-Hexanone	8.27	J	10	1.1
75-09-2	Methylene Chloride	9.67		5.0	0.78
108-10-1	methyl isobutyl ketone	8.64	J	10	0.38
100-42-5	Styrene	6.97		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.66		5.0	0.81
127-18-4	Tetrachloroethene	8.52		5.0	0.81
108-88-3	Toluene	9.93		5.0	0.72
71-55-6	1,1,1-Trichloroethane	13.0		5.0	0.69
79-00-5	1,1,2-Trichloroethane	10.7		5.0	0.65
79-01-6	Trichloroethene	10.6		5.0	0.62
75-01-4	Vinyl chloride	12.8		5.0	0.99
1330-20-7	Xylenes, Total	26.7		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	10.2		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	10.1		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: LCS 220-25483/2

Matrix: Water Lab File ID: W3986.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/24/2009 10:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25483 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107	53-125	
460-00-4	4-Bromofluorobenzene	84	73-127	
1868-53-7	Dibromofluoromethane	109	54-137	
2037-26-5	Toluene-d8 (Surr)	103	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W3986.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 24-MAR-2009 10:12 MS Autotune Date: 13-MAR-2009 17:21
Operator : B.KOSTRZEWSKA Inst ID: msw.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msw.i\W093985.b\W8260LOW.M
Meth Date : 24-Mar-2009 09:55 barbara Quant Type: ISTD
Cal Date : 20-MAR-2009 22:22 Cal File: W3877.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.957	4.957	(1.000)	717688	25.0000	
2 Dichlorodifluoromethane	85	1.014	1.014	(0.205)	102198	18.6616	19(R)
3 Chloromethane	50	1.137	1.137	(0.230)	121873	12.6529	13
4 Vinyl Chloride	62	1.175	1.175	(0.237)	102118	12.8150	13
5 Bromomethane	94	1.367	1.373	(0.276)	44798	10.8422	11
6 Chloroethane	64	1.448	1.448	(0.292)	58476	10.0052	10
7 Trichlorofluoromethane	101	1.533	1.533	(0.309)	163660	16.9908	17(R)
9 Ethyl Ether	45	1.736	1.742	(0.350)	98463	11.7046	12
11 Freon 141	81	1.795	1.795	(0.362)	215162	15.1317	15(R)
12 Freon 123	67	1.908	1.913	(0.385)	26938	14.2042	14
13 Trichlorotrifluoroethane	101	1.902	1.902	(0.384)	110516	17.0572	17(R)
14 1,1-Dichloroethene	96	1.870	1.870	(0.377)	94889	11.9061	12
15 Carbon Disulfide	76	1.886	1.886	(0.381)	364048	12.5798	12
16 Iodomethane	142	1.967	1.972	(0.397)	108726	9.63478	10
19 3-Chloro-1-Propene	41	2.218	2.223	(0.447)	232779	12.6798	13
20 Methylene Chloride	84	2.298	2.304	(0.464)	128713	9.66671	10
21 Acetone	43	2.341	2.346	(0.472)	88919	16.8708	17(R)
22 trans-1,2-Dichloroethene	96	2.437	2.437	(0.492)	101440	10.0661	10
23 Methyl Acetate	43	2.453	2.459	(0.495)	365482	8.86081	9
24 Methyl tert-Butyl Ether	73	2.539	2.539	(0.512)	395311	10.6810	11
25 tert-Butyl alcohol	59	2.630	2.641	(0.531)	69767	39.5994	40
30 Acrylonitrile	53	3.058	3.058	(0.617)	110805	18.7422	19
31 1,1-Dichloroethane	63	3.004	3.010	(0.606)	235195	11.9878	12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	33 cis-1,2-Dichloroethene	96	3.566	3.571	(0.719)	123449	10.2069	10
	34 2,2-Dichloropropane	77	3.678	3.684	(0.742)	182763	13.6749	14(R)
	35 Bromochloromethane	128	3.769	3.775	(0.760)	62190	9.67052	10
	37 Cyclohexane	84	3.775	3.780	(0.762)	151644	14.4113	14(R)
	38 Chloroform	83	3.871	3.876	(0.781)	220384	11.5598	12
	39 Ethyl Acetate	43	4.026	4.042	(0.812)	26098	3.94308	4(R)
	40 Methyl Acrylate	55	4.037	4.037	(0.814)	118218	9.04945	9
$	41 Dibromofluoromethane	111	4.064	4.069	(0.820)	236671	27.1527	27
	42 Tetrahydrofuran	42	4.032	4.031	(0.813)	113012	19.2836	19
	43 Carbon Tetrachloride	117	4.005	4.005	(0.808)	151873	12.6080	13
	44 1,1,1-Trichloroethane	97	4.074	4.080	(0.822)	182254	13.0137	13(R)
	45 2-Butanone	43	4.213	4.219	(0.850)	86484	13.7814	14(R)
	46 1,1-Dichloropropene	75	4.213	4.219	(0.850)	144208	10.8768	11
	49 1-Chlorobutane	56	4.283	4.283	(0.864)	258034	12.8399	13
	51 Propionitrile	54	4.513	4.513	(0.910)	229169	106.483	110
	52 Benzene	78	4.481	4.486	(0.904)	482378	11.1942	11
	53 2-Methyl-2-Propenenitrile	41	4.540	4.545	(0.916)	106486	9.69580	10(M)
$	55 1,2-Dichloroethane-d4	65	4.631	4.631	(0.934)	280366	26.8020	27
	56 1,2-Dichloroethane	62	4.706	4.711	(0.949)	171857	10.9267	11
	59 Methyl Cyclohexane	83	5.128	5.134	(1.035)	142000	13.7143	14(R)
	60 Trichloroethene	130	5.150	5.150	(1.039)	119048	10.5825	10
	63 Dibromomethane	93	5.610	5.610	(1.132)	70020	9.53748	10
	64 1,2-Dichloropropane	63	5.727	5.733	(1.155)	127780	10.8419	11
	65 Bromodichloromethane	83	5.829	5.834	(1.176)	151990	10.9584	11
	66 Methyl Methacrylate	69	6.075	6.080	(1.226)	179673	17.9400	18
	70 cis-1,3-Dichloropropene	75	6.583	6.583	(1.328)	172379	9.76042	10
	71 Chloroacetonitrile	48	7.070	7.070	(1.426)	107042	188.854	190
	72 2-Nitropropane	41	7.134	7.134	(1.439)	81833	20.0420	20
	73 trans-1,3-Dichloropropene	75	7.391	7.391	(1.491)	164429	9.29980	9
	74 1,1,2-Trichloroethane	97	7.573	7.573	(1.528)	111051	10.6942	11
*	75 Chlorobenzene-d5	117	8.702	8.702	(1.000)	636450	25.0000	
	76 Toluene	91	6.861	6.861	(0.789)	461415	9.93011	10
$	77 Toluene-d8	98	6.803	6.803	(0.782)	852829	25.8069	26
	78 1,1-Dichloro-2-propanone	43	7.150	7.150	(0.822)	376319	43.5044	44
	79 4-Methyl-2-Pentanone	43	7.364	7.364	(0.846)	126768	8.64407	9
	80 Tetrachloroethene	164	7.316	7.316	(0.841)	77781	8.51890	8
	81 Ethyl Methacrylate	69	7.659	7.664	(0.880)	118552	7.19459	7
	82 Dibromochloromethane	129	7.771	7.771	(0.893)	116512	9.47312	9
	83 1,3-Dichloropropane	76	7.889	7.894	(0.907)	195446	9.66487	10
	84 1,2-Dibromoethane	107	8.022	8.022	(0.922)	97360	8.32896	8
	86 2-Hexanone	43	8.424	8.424	(0.968)	89747	8.26567	8
	87 1-Chlorohexane	91	8.777	8.777	(1.009)	102617	9.76439	10(RM)
	88 Chlorobenzene	112	8.718	8.723	(1.002)	300800	9.39232	9
	89 1,1,1,2-Tetrachloroethane	131	8.825	8.825	(1.014)	114790	10.1534	10
	90 Ethylbenzene	106	8.803	8.803	(1.012)	150524	9.64108	10
	91 Xylene (total)mp	106	9.007	9.007	(1.035)	356229	17.6500	18
	92 Xylene (total)o	106	9.510	9.510	(1.093)	165840	9.02522	9
	93 Styrene	104	9.568	9.568	(1.100)	218273	6.97036	7(R)
	94 Bromoform	173	9.558	9.558	(1.098)	73670	8.04416	8
*	95 1,4-Dichlorobenzene-d4	152	11.115	11.115	(1.000)	354765	25.0000	
	96 Isopropylbenzene	105	9.863	9.863	(0.887)	373189	8.59056	8
	97 Bromobenzene	156	10.194	10.194	(0.917)	120675	8.61604	9
	98 1,1,2,2-Tetrachloroethane	83	10.350	10.349	(0.931)	139900	9.66430	10
	100 1,2,3-Trichloropropane	110	10.446	10.446	(0.940)	47526	9.31504	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
101	trans-1,4-Dichloro-2-Butene	53	10.505	10.505	(0.945)	96811	25.7741	26
102	n-Propylbenzene	91	10.275	10.275	(0.924)	425486	8.78493	9
103	2-Chlorotoluene	91	10.387	10.387	(0.935)	291354	8.35496	8
104	4-Chlorotoluene	91	10.547	10.542	(0.949)	307828	9.40171	9
105	1,3,5-Trimethylbenzene	105	10.478	10.478	(0.943)	307961	8.43277	8
106	tert-Butylbenzene	119	10.745	10.745	(0.967)	255115	8.73433	9
107	1,2,4-Trimethylbenzene	105	10.810	10.810	(0.973)	317487	8.50982	8
108	sec-Butylbenzene	105	10.901	10.901	(0.981)	349204	8.95601	9
109	4-Isopropyltoluene	119	11.034	11.034	(0.993)	293930	8.64733	9
110	1,3-Dichlorobenzene	146	11.050	11.050	(0.994)	202899	9.02443	9
111	1,4-Dichlorobenzene	146	11.125	11.125	(1.001)	213591	8.97272	9
112	1,2-Dichlorobenzene	146	11.462	11.457	(1.031)	208284	9.15706	9
113	Benzyl Chloride	126	11.339	11.339	(1.020)	54838	8.63107	9
115	n-Butylbenzene	91	11.371	11.371	(1.023)	263527	8.83618	9
119	1,2-Dibromo-3-chloropropane	75	12.072	12.072	(1.086)	26097	8.55979	8
120	Nitrobenzene	77	12.479	12.479	(1.123)	81431	77.9626	78
121	1,2,4-Trichlorobenzene	180	12.570	12.570	(1.131)	133585	8.52498	8
122	Hexachlorobutadiene	225	12.564	12.564	(1.130)	62309	9.00030	9
123	Naphthalene	128	12.800	12.794	(1.152)	392639	7.64204	8
124	1,2,3-Trichlorobenzene	180	12.928	12.928	(1.163)	143060	9.12140	9
$ 125	Bromofluorobenzene	95	10.114	10.114	(0.910)	269114	21.0916	21
M 126	1,2-Dichloroethene (total)	100				224889	20.2731	20
M 127	Xylene (total)	100				522069	26.6752	27

QC Flag Legend

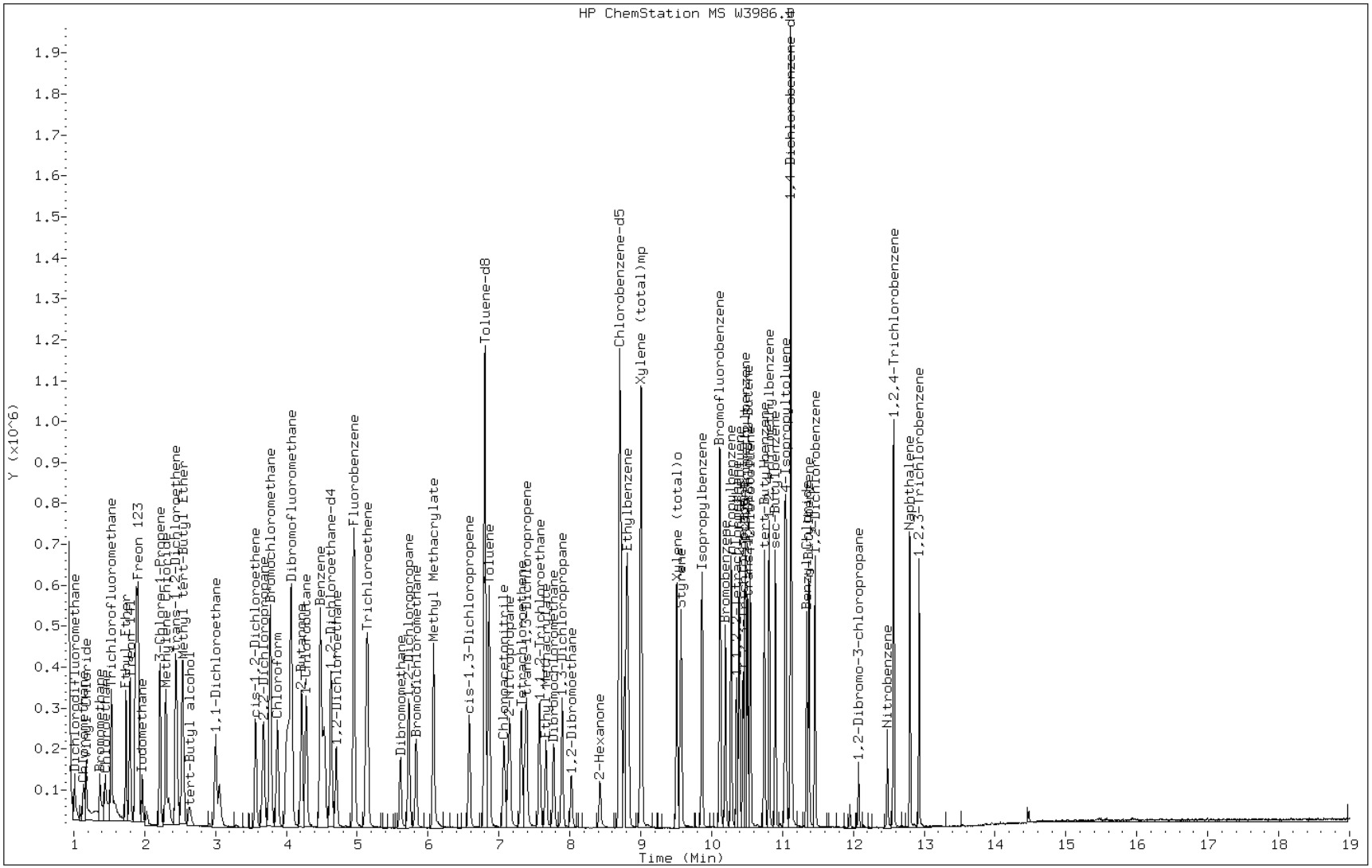
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: W3986.D

Date: 24-MAR-2009 10:12

Client ID: LCS Instrument: msw.i

Sample Info: LCS Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: | Lab Sample ID: LCS 220-25517/2

Matrix: Water | Lab File ID: V2778.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/25/2009 10:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 25517 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	17.4		10	1.0
71-43-2	Benzene	9.67		5.0	0.74
75-27-4	Bromodichloromethane	10.1		5.0	0.48
75-25-2	Bromoform	9.31		5.0	0.46
74-83-9	Bromomethane	21.9		5.0	2.1
78-93-3	Methyl Ethyl Ketone	12.9		10	1.1
75-15-0	Carbon disulfide	9.93		5.0	0.90
56-23-5	Carbon tetrachloride	12.8		5.0	1.1
108-90-7	Chlorobenzene	9.10		5.0	0.72
75-00-3	Chloroethane	10.1		5.0	1.1
67-66-3	Chloroform	10.3		5.0	0.67
74-87-3	Chloromethane	11.3		5.0	1.1
124-48-1	Dibromochloromethane	9.55		5.0	0.55
75-34-3	1,1-Dichloroethane	10.4		5.0	1.0
107-06-2	1,2-Dichloroethane	9.80		5.0	0.72
75-35-4	1,1-Dichloroethene	10.3		5.0	0.83
78-87-5	1,2-Dichloropropane	9.34		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.51		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	8.88		5.0	0.57
100-41-4	Ethylbenzene	9.12		5.0	0.87
591-78-6	2-Hexanone	8.79	J	10	1.1
75-09-2	Methylene Chloride	9.90		5.0	0.78
108-10-1	methyl isobutyl ketone	8.64	J	10	0.38
100-42-5	Styrene	7.51		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.28		5.0	0.81
127-18-4	Tetrachloroethene	8.32		5.0	0.81
108-88-3	Toluene	8.99		5.0	0.72
71-55-6	1,1,1-Trichloroethane	11.2		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.32		5.0	0.65
79-01-6	Trichloroethene	9.37		5.0	0.62
75-01-4	Vinyl chloride	11.7		5.0	0.99
1330-20-7	Xylenes, Total	25.9		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	9.05		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	8.66		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Client Sample ID: Lab Sample ID: LCS 220-25517/2

Matrix: Water Lab File ID: V2778.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/25/2009 10:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 25517 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90	53-125	
460-00-4	4-Bromofluorobenzene	79	73-127	
1868-53-7	Dibromofluoromethane	93	54-137	
2037-26-5	Toluene-d8 (Surr)	91	63-121	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V2778.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 25-MAR-2009 10:00 MS Autotune Date: 23-MAR-2009 08:21
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 11 ; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V092777.b\V8260LOW.m
Meth Date : 25-Mar-2009 09:45 barbara Quant Type: ISTD
Cal Date : 23-MAR-2009 18:11 Cal File: V2727.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.695	4.695	(1.000)	1587011	25.0000	
2	Dichlorodifluoromethane	85	0.927	0.933	(0.198)	115138	14.1546	14
3	Chloromethane	50	1.039	1.045	(0.221)	102995	11.2931	11
4	Vinyl Chloride	62	1.077	1.082	(0.229)	108001	11.7359	12
5	Bromomethane	94	1.258	1.264	(0.268)	35446	21.9301	22(R)
6	Chloroethane	64	1.333	1.333	(0.284)	54755	10.1136	10
7	Trichlorofluoromethane	101	1.413	1.413	(0.301)	175315	14.3185	14
9	Ethyl Ether	45	1.600	1.600	(0.341)	83593	10.7260	11
11	Freon 141	81	1.653	1.653	(0.352)	214040	13.1917	13
12	Freon 123	67	1.760	1.765	(0.375)	26539	11.6839	12
13	Trichlorotrifluoroethane	101	1.749	1.755	(0.373)	122479	12.8419	13
14	1,1-Dichloroethene	96	1.723	1.723	(0.367)	101349	10.2549	10
15	Carbon Disulfide	76	1.739	1.739	(0.370)	365950	9.92979	10
16	Iodomethane	142	1.813	1.813	(0.386)	119993	15.9773	16
19	3-Chloro-1-Propene	41	2.043	2.048	(0.435)	163092	10.8995	11
20	Methylene Chloride	84	2.123	2.123	(0.452)	142525	9.89927	10
21	Acetone	43	2.160	2.166	(0.460)	77175	17.3501	17(R)
22	trans-1,2-Dichloroethene	96	2.246	2.246	(0.478)	104896	8.65902	9
23	Methyl Acetate	43	2.262	2.262	(0.482)	260488	8.14688	8
24	Methyl tert-Butyl Ether	73	2.336	2.342	(0.498)	371026	9.35693	9
25	tert-Butyl alcohol	59	2.432	2.432	(0.518)	57545	44.7432	45
30	Acrylonitrile	53	2.817	2.817	(0.600)	104543	18.9076	19
31	1,1-Dichloroethane	63	2.769	2.774	(0.590)	214651	10.4288	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
33	cis-1,2-Dichloroethene	96	3.318	3.324	(0.707)	127619	9.04968	9
34	2,2-Dichloropropane	77	3.425	3.425	(0.729)	133616	9.81038	10
35	Bromochloromethane	128	3.521	3.521	(0.750)	65818	9.23987	9
37	Cyclohexane	84	3.521	3.521	(0.750)	166935	11.2874	11
38	Chloroform	83	3.622	3.622	(0.772)	220539	10.3231	10
39	Ethyl Acetate	43	3.777	3.788	(0.804)	19909	3.58010	4
40	Methyl Acrylate	55	3.783	3.783	(0.806)	104598	8.85537	9
$ 41	Dibromofluoromethane	111	3.815	3.815	(0.812)	351387	23.1925	23
42	Tetrahydrofuran	42	3.772	3.772	(0.803)	82311	16.6784	17
43	Carbon Tetrachloride	117	3.745	3.745	(0.798)	148282	12.7766	13
44	1,1,1-Trichloroethane	97	3.820	3.820	(0.814)	181760	11.2223	11
45	2-Butanone	43	3.959	3.959	(0.843)	72409	12.9490	13
46	1,1-Dichloropropene	75	3.959	3.959	(0.843)	137781	9.10102	9
49	1-Chlorobutane	56	4.023	4.028	(0.857)	232213	10.9837	11
51	Propionitrile	54	4.258	4.258	(0.907)	211657	103.594	100
52	Benzene	78	4.220	4.226	(0.899)	477690	9.66692	10
53	2-Methyl-2-Propenenitrile	41	4.284	4.284	(0.912)	80229	9.99459	10(M)
$ 55	1,2-Dichloroethane-d4	65	4.370	4.375	(0.931)	370017	22.4364	22
56	1,2-Dichloroethane	62	4.450	4.450	(0.948)	152769	9.79999	10
59	Methyl Cyclohexane	83	4.866	4.866	(1.036)	161081	11.0252	11
60	Trichloroethene	130	4.887	4.887	(1.041)	121451	9.36843	9
63	Dibromomethane	93	5.346	5.346	(1.139)	73365	8.76527	9
64	1,2-Dichloropropane	63	5.469	5.464	(1.165)	119815	9.34179	9
65	Bromodichloromethane	83	5.570	5.570	(1.186)	158287	10.0717	10
66	Methyl Methacrylate	69	5.821	5.821	(1.240)	179630	18.6356	19
70	cis-1,3-Dichloropropene	75	6.323	6.323	(1.347)	161081	8.51122	8
71	Chloroacetonitrile	48	6.814	6.814	(1.451)	87422	197.311	200
72	2-Nitropropane	41	6.873	6.878	(1.464)	58505	18.8519	19
73	trans-1,3-Dichloropropene	75	7.134	7.134	(1.519)	151556	8.87826	9
74	1,1,2-Trichloroethane	97	7.316	7.316	(1.558)	113125	9.31934	9
* 75	Chlorobenzene-d5	117	8.442	8.442	(1.000)	1199283	25.0000	
76	Toluene	91	6.600	6.600	(0.782)	469933	8.98630	9
$ 77	Toluene-d8	98	6.542	6.542	(0.775)	1290571	22.7052	23
78	1,1-Dichloro-2-propanone	43	6.894	6.889	(0.817)	263786	42.2599	42
79	4-Methyl-2-Pentanone	43	7.113	7.113	(0.843)	100366	8.64001	9
80	Tetrachloroethene	164	7.054	7.054	(0.836)	84151	8.31551	8
81	Ethyl Methacrylate	69	7.412	7.412	(0.878)	129384	7.45780	7
82	Dibromochloromethane	129	7.513	7.513	(0.890)	125945	9.54743	10
83	1,3-Dichloropropane	76	7.636	7.636	(0.905)	195900	9.17304	9
84	1,2-Dibromoethane	107	7.759	7.759	(0.919)	102881	7.92947	8
86	2-Hexanone	43	8.175	8.175	(0.968)	79773	8.79473	9
87	1-Chlorohexane	91	8.522	8.522	(1.009)	115235	8.21493	8(M)
88	Chlorobenzene	112	8.458	8.458	(1.002)	321633	9.10357	9
89	1,1,1,2-Tetrachloroethane	131	8.570	8.564	(1.015)	121442	10.1950	10
90	Ethylbenzene	106	8.548	8.543	(1.013)	163595	9.11667	9
91	Xylene (total)mp	106	8.746	8.746	(1.036)	386159	17.5381	18
92	Xylene (total)o	106	9.280	9.280	(1.099)	183891	8.40383	8
93	Styrene	104	9.349	9.349	(1.107)	279140	7.51235	8
94	Bromoform	173	9.328	9.328	(1.105)	82035	9.31465	9
* 95	1,4-Dichlorobenzene-d4	152	10.945	10.945	(1.000)	656074	25.0000	
96	Isopropylbenzene	105	9.659	9.659	(0.882)	420950	7.70713	8
97	Bromobenzene	156	9.995	9.995	(0.913)	134749	8.25167	8
98	1,1,2,2-Tetrachloroethane	83	10.171	10.166	(0.929)	147607	9.27543	9
100	1,2,3-Trichloropropane	110	10.262	10.262	(0.938)	50023	9.36042	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
101	trans-1,4-Dichloro-2-Butene	53	10.331	10.326	(0.944)	80891	26.7223	27
102	n-Propylbenzene	91	10.085	10.085	(0.921)	480667	7.77412	8
103	2-Chlorotoluene	91	10.198	10.198	(0.932)	320084	7.60999	8
104	4-Chlorotoluene	91	10.363	10.358	(0.947)	343739	8.58808	8
105	1,3,5-Trimethylbenzene	105	10.294	10.294	(0.941)	343813	7.68431	8
106	tert-Butylbenzene	119	10.571	10.571	(0.966)	303417	8.30166	8
107	1,2,4-Trimethylbenzene	105	10.635	10.635	(0.972)	358249	8.51521	8
108	sec-Butylbenzene	105	10.731	10.726	(0.980)	422341	8.47753	8
109	4-Isopropyltoluene	119	10.870	10.865	(0.993)	353594	8.09771	8
110	1,3-Dichlorobenzene	146	10.875	10.875	(0.994)	238177	8.75959	9
111	1,4-Dichlorobenzene	146	10.955	10.955	(1.001)	247057	8.77745	9
112	1,2-Dichlorobenzene	146	11.292	11.292	(1.032)	243985	8.90322	9
113	Benzyl Chloride	126	11.174	11.174	(1.021)	50718	7.64746	8
115	n-Butylbenzene	91	11.212	11.212	(1.024)	310200	8.48155	8
119	1,2-Dibromo-3-chloropropane	75	11.916	11.916	(1.089)	26166	8.71277	9
120	Nitrobenzene	77	12.322	12.322	(1.126)	77426	79.6996	80
121	1,2,4-Trichlorobenzene	180	12.418	12.412	(1.135)	171045	8.72527	9
122	Hexachlorobutadiene	225	12.412	12.412	(1.134)	80051	8.67938	9
123	Naphthalene	128	12.642	12.642	(1.155)	487973	8.37291	8
124	1,2,3-Trichlorobenzene	180	12.775	12.770	(1.167)	179962	9.23541	9
$ 125	Bromofluorobenzene	95	9.920	9.915	(0.906)	437109	19.6335	20
M 126	1,2-Dichloroethene (total)	100				232515	17.7087	18
M 127	Xylene (total)	100				570050	25.9420	26

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V2778.D

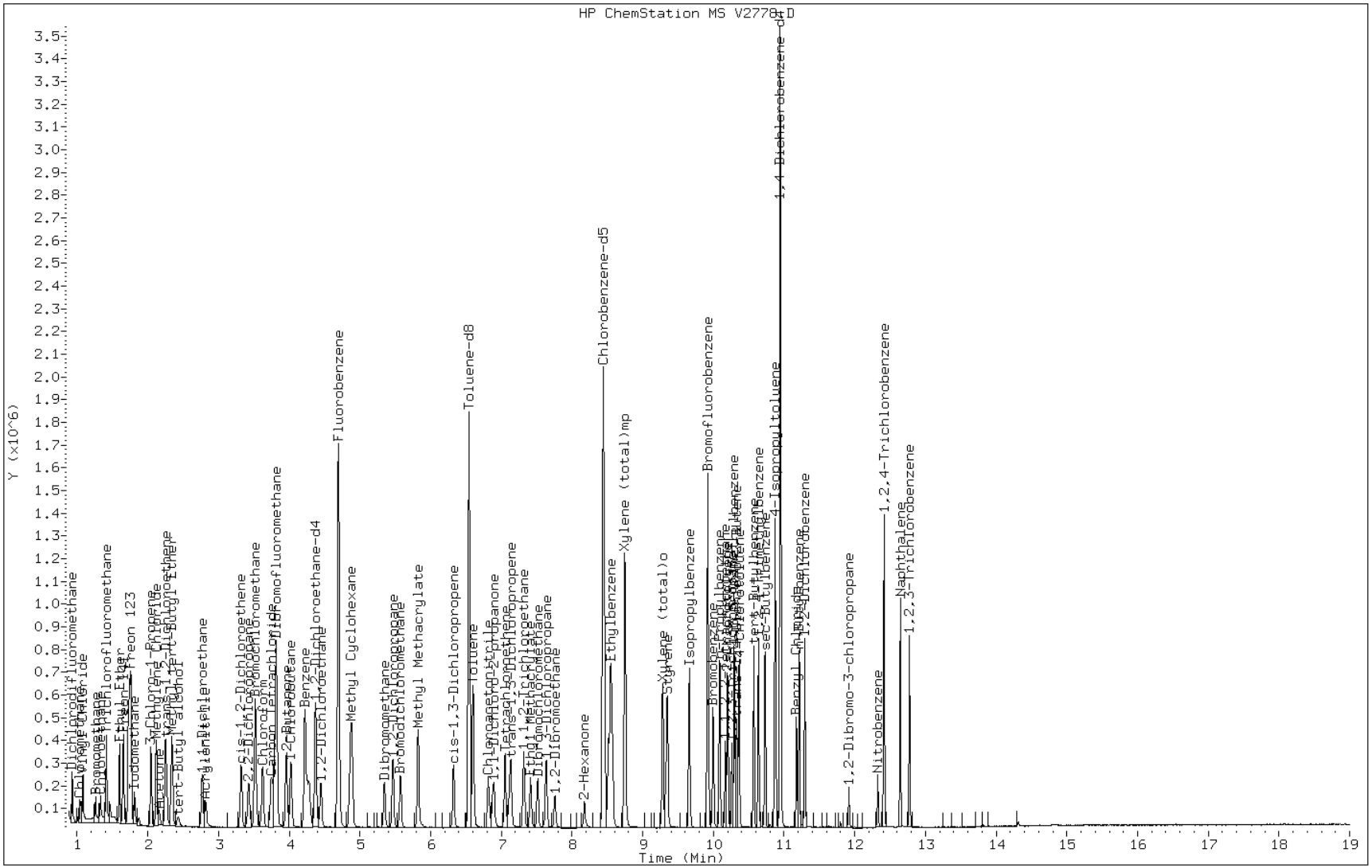
Date: 25-MAR-2009 10:00

Client ID: LCS

Instrument: msv.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



METALS

COVER PAGE
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG No.: 220-8385

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
MW-34 I	220-8385-1
MW-34 S	220-8385-2
OW-7	220-8385-3
DUP-031109	220-8385-4
MW-26 S	220-8385-5
MW-26 I	220-8385-6
OW-5	220-8385-7
OW-6	220-8385-8
MW-35 S	220-8385-9
MW-35 I	220-8385-10
OW-4	220-8385-11
OW-3	220-8385-13
MW-30 I	220-8385-14
MW-30 S	220-8385-15
MW-24	220-8385-16
MW-33 S	220-8385-17
MW-33 I	220-8385-18
MW-31S	220-8385-19
MW-31 I	220-8385-20

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-34 I
Lab Sample ID: 220-8385-1
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 09:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	5500	120	31	ug/L			1	6010B
7439-96-5	Manganese	9500	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-34 I
Lab Sample ID: 220-8385-1
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 09:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	9200	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-34 S
Lab Sample ID: 220-8385-2
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 10:10
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	420	120	31	ug/L			1	6010B
7439-96-5	Manganese	8.9	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-34 S
Lab Sample ID: 220-8385-2
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 10:10
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	23	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-7 Lab Sample ID: 220-8385-3

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:15

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	5400	120	31	ug/L			1	6010B
7439-96-5	Manganese	130	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-7 | Lab Sample ID: 220-8385-3

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water | Date Sampled: 03/11/2009 11:15

Reporting Basis: WET | Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	1.5	7.5	1.2	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-031109 Lab Sample ID: 220-8385-4

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:20

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	4800	120	31	ug/L			1	6010B
7439-96-5	Manganese	130	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: DUP-031109 Lab Sample ID: 220-8385-4

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:20

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	7.5	7.5	1.2	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-26 S
Lab Sample ID: 220-8385-5
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 12:20
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	99	120	31	ug/L	J		1	6010B
7439-96-5	Manganese	110	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-26 S
Lab Sample ID: 220-8385-5
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 12:20
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	1.5	7.5	1.2	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-26 I
Lab Sample ID: 220-8385-6
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 13:05
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	4300	120	31	ug/L			1	6010B
7439-96-5	Manganese	260	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-26 I
Lab Sample ID: 220-8385-6
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 13:05
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	240	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-5 Lab Sample ID: 220-8385-7

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 09:47

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	340	120	31	ug/L			1	6010B
7439-96-5	Manganese	1000	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-5 Lab Sample ID: 220-8385-7

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 09:47

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	250	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-6 Lab Sample ID: 220-8385-8

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:00

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	180	120	31	ug/L			1	6010B
7439-96-5	Manganese	600	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-6 Lab Sample ID: 220-8385-8

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:00

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	520	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-35 S
Lab Sample ID: 220-8385-9
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 11:55
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	2700	120	31	ug/L			1	6010B
7439-96-5	Manganese	61	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-35 S
Lab Sample ID: 220-8385-9
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 11:55
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	93	120	31	ug/L	J		1	6010B
7439-96-5	Manganese	15	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-35 I
Lab Sample ID: 220-8385-10
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 12:54
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	2400	120	31	ug/L			1	6010B
7439-96-5	Manganese	3200	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-35 I
Lab Sample ID: 220-8385-10
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 12:54
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	280	120	31	ug/L			1	6010B
7439-96-5	Manganese	2800	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-4 Lab Sample ID: 220-8385-11

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 13:48

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	41000	120	31	ug/L			1	6010B
7439-96-5	Manganese	9300	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-4 Lab Sample ID: 220-8385-11

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 13:48

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	9100	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: OW-3 Lab Sample ID: 220-8385-13

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/12/2009 08:25

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	10800	1200	310	ug/L			1	6010B
7439-96-5	Manganese	430	75	12	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: OW-3 | Lab Sample ID: 220-8385-13

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water | Date Sampled: 03/12/2009 08:25

Reporting Basis: WET | Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1500	1200	310	ug/L			1	6010B
7439-96-5	Manganese	140	75	12	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-30 I
Lab Sample ID: 220-8385-14
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 09:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	190	120	31	ug/L			1	6010B
7439-96-5	Manganese	76	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-30 I
Lab Sample ID: 220-8385-14
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 09:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	5.5	7.5	1.2	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-30 S
Lab Sample ID: 220-8385-15
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 08:40
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	390	120	31	ug/L			1	6010B
7439-96-5	Manganese	8.5	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-30 S
Lab Sample ID: 220-8385-15
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 08:40
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	4.9	7.5	1.2	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-24 Lab Sample ID: 220-8385-16

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/12/2009 09:15

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	7.5	7.5	1.2	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-24 Lab Sample ID: 220-8385-16

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/12/2009 09:15

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	7.5	7.5	1.2	ug/L	U		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-33 S
Lab Sample ID: 220-8385-17
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 10:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	49	120	31	ug/L	J		1	6010B
7439-96-5	Manganese	110	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-33 S
Lab Sample ID: 220-8385-17
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 10:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	4.6	7.5	1.2	ug/L	J		1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-33 I
Lab Sample ID: 220-8385-18
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 11:00
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	7000	120	31	ug/L			1	6010B
7439-96-5	Manganese	2900	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-33 I
Lab Sample ID: 220-8385-18
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 11:00
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	340	120	31	ug/L			1	6010B
7439-96-5	Manganese	2800	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-31S
Lab Sample ID: 220-8385-19
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 11:15
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	970	120	31	ug/L			1	6010B
7439-96-5	Manganese	3100	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-31S
Lab Sample ID: 220-8385-19
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 11:15
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	120	120	31	ug/L	U		1	6010B
7439-96-5	Manganese	2300	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-31 I
Lab Sample ID: 220-8385-20
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 10:20
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	9100	120	31	ug/L			1	6010B
7439-96-5	Manganese	180	7.5	1.2	ug/L			1	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: MW-31 I
Lab Sample ID: 220-8385-20
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 10:20
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7439-89-6	Iron	1000	120	31	ug/L			1	6010B
7439-96-5	Manganese	140	7.5	1.2	ug/L			1	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W031809

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00043

Analyte	ICV 220-25307/3 03/18/2009 10:43											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10300		10000	103								
Mn	1000		1000	105								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W031809

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00044

Analyte	CCV 220-25307/8 03/18/2009 11:15				CCV2 220-25307/20 03/18/2009 12:27				CCV5 220-25307/56 03/18/2009 15:56			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5200		5000	104	5200		5000	104	5200		5000	105
Mn	530		500	106	540		500	108	540		500	107

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W031809

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00044

Analyte	CCV6 220-25307/67 03/18/2009 17:06											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5300		5000	105								
Mn	530		500	107								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032009

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00043

Analyte	ICV 220-25397/3 03/20/2009 10:21											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10200		10000	102								
Mn	1000		1000	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032009

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00044

Analyte	CCV 220-25397/8 03/20/2009 10:50				CCV2 220-25397/20 03/20/2009 11:59				CCV3 220-25397/35 03/20/2009 13:28			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5200		5000	103	5200		5000	103	5200		5000	103
Mn	530		500	106	530		500	107	530		500	106

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032009

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00044

Analyte	CCV4 220-25397/47 03/20/2009 14:40				CCV5 220-25397/59 03/20/2009 16:09							
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5100		5000	102	5300		5000	105				
Mn	520		500	104	540		500	107				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032309

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00043

Analyte	ICV 220-25450/3 03/23/2009 10:10											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10000		10000	100								
Mn	1000		1000	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032309

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00044

Analyte	CCV 220-25450/8 03/23/2009 10:39				CCV2 220-25450/20 03/23/2009 11:47				CCV3 220-25450/32 03/23/2009 12:58			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5000		5000	100	5000		5000	101	5100		5000	102
Mn	510		500	102	520		500	104	530		500	105

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032309

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00044

Analyte	CCV4 220-25450/44 03/23/2009 14:07				CCV5 220-25450/56 03/23/2009 15:26				CCV6 220-25450/68 03/23/2009 16:45			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5000		5000	100	5100		5000	103	5200		5000	105
Mn	520		500	103	530		500	106	540		500	108

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032409

INITIAL CALIBRATION VERIFICATIONS

Initial Calibration Verification Source: micvp_00043

Analyte	ICV 220-25488/3 03/24/2009 10:17											
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	10000		10000	100								
Mn	1000		1000	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032409

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00045

Analyte	CCV 220-25488/9 03/24/2009 11:07				CCV2 220-25488/21 03/24/2009 12:16				CCV3 220-25488/33 03/24/2009 13:25			
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	4900		5000	99	5000		5000	101	5100		5000	101
Mn	500		500	100	510		500	102	510		500	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032409

CONTINUING CALIBRATION VERIFICATIONS

Continuing Calibration Verification Source: mccvp_00045

Analyte	CCV6 220-25488/69 03/24/2009 17:01				CCV 220-25488/81 03/24/2009 18:10							
	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R	Found	C	Spike Amt.	%R
Fe	5200		5000	103	5100		5000	102				
Mn	520		500	104	520		500	104				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Analysis Method: 6010B Instrument ID: ICAP2

Lab Sample ID: CRI 220-25307/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00030

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	220		105	50-150
Manganese	10.0	11	J	108	50-150

Lab Sample ID: CRI 220-25397/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00030

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	230		109	50-150
Manganese	10.0	11	J	111	50-150

Lab Sample ID: CRI 220-25450/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00030

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	210	J	101	50-150
Manganese	10.0	11	J	105	50-150

Lab Sample ID: CRI 220-25488/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00030

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Iron	210	220	J	102	50-150
Manganese	10.0	11	J	108	50-150

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

FORM IIB-IN

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W031809

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-25307/4 03/18/2009 10:52							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W031809

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-25307/9 03/18/2009 11:21		CCB2 220-25307/21 03/18/2009 12:32		CCB5 220-25307/57 03/18/2009 16:01		CCB6 220-25307/68 03/18/2009 17:11	
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U	200	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032009

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-25397/4 03/20/2009 10:27							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032009

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-25397/9 03/20/2009 10:56		CCB2 220-25397/21 03/20/2009 12:05		CCB3 220-25397/36 03/20/2009 13:33		CCB4 220-25397/48 03/20/2009 14:46	
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U	200	U	200	U	200	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032009

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB5 220-25397/60 03/20/2009 16:19							
		Found	C	Found	C	Found	C	Found	C
Fe	200	200	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032309

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-25450/4 03/23/2009 10:16							
		Found	C	Found	C	Found	C	Found	C
Fe	250	250	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032309

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-25450/9 03/23/2009 10:44		CCB2 220-25450/21 03/23/2009 11:53		CCB3 220-25450/33 03/23/2009 13:04		CCB4 220-25450/45 03/23/2009 14:13	
		Found	C	Found	C	Found	C	Found	C
Fe	250	250	U	250	U	250	U	250	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032309

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB5 220-25450/57 03/23/2009 15:32		CCB6 220-25450/69 03/23/2009 16:51					
		Found	C	Found	C	Found	C	Found	C
Fe	250	250	U	250	U				
Mn	15	15	U	15	U				

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032409

INITIAL CALIBRATION BLANK

Analyte	RL	ICB 220-25488/4 03/24/2009 10:23							
		Found	C	Found	C	Found	C	Found	C
Fe	250	250	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032409

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-25488/10 03/24/2009 11:12		CCB2 220-25488/22 03/24/2009 12:21		CCB3 220-25488/34 03/24/2009 13:30		CCB6 220-25488/70 03/24/2009 17:07	
		Found	C	Found	C	Found	C	Found	C
Fe	250	250	U	250	U	250	U	250	U
Mn	15	15	U	15	U	15	U	15	U

Italicized analytes were not requested for this sequence.

3A-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L DataFile Name: W032409

CONTINUING CALIBRATION BLANKS

Analyte	RL	CCB 220-25488/82 03/24/2009 18:16							
		Found	C	Found	C	Found	C	Found	C
Fe	250	250	U						
Mn	15	15	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L Lab Sample ID: MB 220-25260/1-A

Instrument Code: ICAP2 Batch No.: 25307

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	120	U		6010B
7439-96-5	Manganese	7.5	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L Lab Sample ID: MB 220-25211/1-A

Instrument Code: ICAP2 Batch No.: 25397

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	120	U		6010B
7439-96-5	Manganese	7.5	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L Lab Sample ID: MB 220-25351/23-A

Instrument Code: ICAP2 Batch No.: 25397

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	120	U		6010B
7439-96-5	Manganese	7.5	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Concentration Units: ug/L Lab Sample ID: MB 220-25354/1-A

Instrument Code: ICAP2 Batch No.: 25488

CAS No.	Analyte	Concentration	C	Q	Method
7439-89-6	Iron	120	U		6010B
7439-96-5	Manganese	7.5	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSA 220-25307/6 Instrument ID: ICAP2

Lab File ID: W031809 ICS Source: micsa_00028

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**180634**	**90**
Mn		**9.76**	
Ag		*-0.163*	
Al	*500000*	*436407*	*87*
As		*-6.05*	
B		*11.4*	
Ba		*1.12*	
Be		*-0.193*	
Ca	*500000*	*436444*	*87*
Cd		*-3.31*	
Co		*-2.58*	
Cr		*1.38*	
Cu		*0.176*	
K		*33.5*	
Mg	*500000*	*459802*	*92*
Mo		*-0.457*	
Na		*46.4*	
Ni		*-0.320*	
Pb		*2.66*	
Sb		*-0.0856*	
Se		*1.28*	
Si		*56.4*	
Sn		*1.63*	
Sr		*1.16*	
Ti		*-4.68*	
Tl		*22.0*	
V		*2.39*	
Zn		*-13.8*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSAB 220-25307/7 Instrument ID: ICAP2

Lab File ID: W031809 ICS Source: micsabT_00001

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**183015**	**92**
Mn	**500**	**497**	**99**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSA 220-25397/6 Instrument ID: ICAP2

Lab File ID: W032009 ICS Source: micsa_00028

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**182698**	**91**
Mn		**9.77**	
Ag		*-0.0770*	
Al	*500000*	*441443*	*88*
As		*-6.78*	
B		*17.1*	
Ba		*1.14*	
Be		*-0.193*	
Ca	*500000*	*438360*	*88*
Cd		*-1.87*	
Co		*-3.48*	
Cr		*1.87*	
Cu		*0.937*	
K		*19.0*	
Mg	*500000*	*461414*	*92*
Mo		*-2.22*	
Na		*52.5*	
Ni		*-1.44*	
Pb		*1.40*	
Sb		*0.534*	
Se		*-2.90*	
Si		*106*	
Sn		*3.35*	
Sr		*1.35*	
Ti		*-4.67*	
Tl		*4.84*	
V		*2.44*	
Zn		*-13.1*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSAB 220-25397/7 Instrument ID: ICAP2

Lab File ID: W032009 ICS Source: micsabT_00001

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**180714**	**90**
Mn	**500**	**490**	**98**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSA 220-25450/6 Instrument ID: ICAP2

Lab File ID: W032309 ICS Source: micsa_00028

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**172192**	**86**
Mn		**9.33**	
Ag		*-0.193*	
Al	*500000*	*424466*	*85*
As		*-8.29*	
B		*7.96*	
Ba		*1.07*	
Be		*-0.0705*	
Ca	*500000*	*407917*	*82*
Cd		*-3.06*	
Co		*-3.19*	
Cr		*1.36*	
Cu		*0.641*	
K		*27.1*	
Mg	*500000*	*441242*	*88*
Mo		*-1.19*	
Na		*33.5*	
Ni		*0.401*	
Pb		*-0.0363*	
Sb		*3.04*	
Se		*-1.27*	
Si		*-0.229*	
Sn		*3.89*	
Sr		*1.52*	
Ti		*-4.53*	
Tl		*22.2*	
V		*2.12*	
Zn		*-11.4*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSAB 220-25450/7 Instrument ID: ICAP2

Lab File ID: W032309 ICS Source: micsabT_00001

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**174028**	**87**
Mn	**500**	**471**	**94**

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSA 220-25488/6 Instrument ID: ICAP2

Lab File ID: W032409 ICS Source: micsa_00028

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Fe	**200000**	**173577**	**87**
Mn		**9.48**	
Ag		*-0.236*	
Al	*500000*	*431887*	*86*
As		*-5.88*	
B		*7.39*	
Ba		*1.13*	
Be		*0.175*	
Ca	*500000*	*405411*	*81*
Cd		*0.145*	
Co		*-2.94*	
Cr		*1.36*	
Cu		*1.07*	
K		*21.0*	
Mg	*500000*	*449156*	*90*
Mo		*-0.916*	
Na		*39.0*	
Ni		*0.763*	
Pb		*2.75*	
Sb		*-1.95*	
Se		*0.951*	
Si		*9.06*	
Sn		*2.72*	
Sr		*1.89*	
Ti		*-4.60*	
Tl		*-0.0142*	
V		*1.80*	
Zn		*-10.9*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Lab Sample ID: ICSAB 220-25488/7 Instrument ID: ICAP2

Lab File ID: W032409 ICS Source: micsabT_00001

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Fe	**200000**	**177272**	**89**
Mn	**500**	**474**	**95**

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: MW-30 S MS
Lab ID: 220-8385-15 MS
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG No.: 220-8385
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	1000		390		500	123	75-125		6010B
Manganese	281		8.5		250	109	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: | Lab ID: 220-8369-D-19-C MS

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water | Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	987		190		500	159	75-125	N	6010B
Manganese	312		68		250	98	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 220-8425-H-1-C MS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	678		180		500	100	75-125		6010B
Manganese	720		490		250	92	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 220-8399-B-9-C MS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Iron	739		210		500	106	75-125		6010B
Manganese	654		400		250	101	75-125		6010B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 220-8369-D-19-D MSD

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	650		500	91	75-125	41	20	N	6010B
Manganese	317		250	100	75-125	2	20		6010B

SRD = Sample Duplicate Result

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

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 220-8399-B-9-D MSD

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water Concentration Units: ug/L

% Solids:

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Iron	734		500	105	75-125	1	20		6010B
Manganese	647		250	98	75-125	1	20		6010B

SRD = Sample Duplicate Result

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

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: MW-30 S DU | Lab ID: 220-8385-15 DU

Lab Name: TestAmerica Connecticut | Job No.: 220-8385-1

SDG No.: 220-8385

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	120	390		515		28	*	6010B
Manganese	7.5	8.5		9.86		15		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 220-8369-D-19-B DU

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	120	190		180		7		6010B
Manganese	7.5	68		64.6		5		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 220-8425-H-1-B DU

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	120	180		168		7		6010B
Manganese	7.5	490		471		4		6010B

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 220-8399-B-9-B DU

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Iron	120	210		210		0		6010B
Manganese	7.5	400		369		9		6010B

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-25260/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

Sample Matrix: Water LCS Source: mlcspw_00037

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	27350		109	80	120		6010B
Manganese	200	231		115	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-25351/24-A

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

Sample Matrix: Water LCS Source: mlcspw_00037

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	25850		103	80	120		6010B
Manganese	200	219		109	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-25211/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

Sample Matrix: Water LCS Source: mlcspw_00037

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	25860		103	80	120		6010B
Manganese	200	219		109	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SPIKE
METALS

Lab ID: LCS 220-25354/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

Sample Matrix: Water LCS Source: mlcspw_00037

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Iron	25000	26230		105	80	120		6010B
Manganese	200	218		109	80	120		6010B

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

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-8385-15

SDG No: 220-8385

Lab Name: TestAmerica Connecticut Job No: 220-8385-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	390		410	J	NC		6010B
Manganese	8.5		8.8	J	NC		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-8385-20

SDG No: 220-8385

Lab Name: TestAmerica Connecticut Job No: 220-8385-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	9100		9500		4.3		6010B
Manganese	180		190		4.5		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-8369-D-19-A SD ^5

SDG No: 220-8385

Lab Name: TestAmerica Connecticut Job No: 220-8385-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	190		200	J	NC		6010B
Manganese	68		70		4.2		6010B

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

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 220-8425-H-1-A SD ^5

SDG No: 220-8385

Lab Name: TestAmerica Connecticut Job No: 220-8385-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Iron	180		190	J	NC		6010B
Manganese	490		530		7.3		6010B

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG Number: 220-8385

Matrix: Water Instrument ID: ICAP2

Analysis Method: 6010B MDL Date: 02/19/2009 08:02

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	238.20	250	62
Manganese	257.61	15	2.3

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG Number: 220-8385

Matrix: Water Instrument ID: ICAP2

Analysis Method: 6010B MDL Date: 02/19/2009 08:02

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Iron	238.20	250	62
Manganese	257.61	15	2.3

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG No.: 220-8385

ICP-AES Instrument ID: ICAP2 Date: 01/15/2009

Analyte	Wave Length	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	308.20														
Antimony	206.83										-0.00223		0.00005		
Arsenic	189.00			0.00005							-0.00223				
Barium	493.40														
Beryllium	313.00														
Boron	249.67									0.00077	0.00033		0.000096		
Cadmium	226.50	0.000008			0.000027					0			0.000126		
Calcium	317.93														
Chromium	267.70				-0.000054				-0.000122						
Cobalt	228.61		-0.000028		0.000066				-0.00061		0.00035			0.000001	
Copper	324.75		0.000021								0.00035				
Iron	271.44									0.0656	0.00331				
Lead	220.35	0.00023		0.000078						-0.000021			0.000034	0.000006	0.000009
Magnesium	279.07												0.000034		
Manganese	257.61														
Molybdenum	202.03														
Nickel	231.60		0.000029							-0.00246			0.00001		
Potassium	766.49														
Selenium	196.02				0.000042	0.000021					-0.000065		-0.00005		
Silicon	228.15										-0.0086				
Silver	328.06	-		0.000008											
Sodium	588.90														
Strontium	421.55							0.000021							
Thallium	190.80	0.000018								-0.00196	0.000931		-0.000088		
Tin	189.98												-0.00002		
Titanium	334.94	0.000001						-0.000005			0.00013		-0.000088		0.000013
Vanadium	292.40												0.000014		
Zinc	213.85										-0.001		0.000123		

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG No.: 220-8385

ICP-AES Instrument ID: ICAP2 Date: 01/15/2009

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Sn	Ti	Tl	V	Zn	Zr	
Aluminum	308.20		0.00151									0.0187			
Antimony	206.83		0.000156		-0.000041				-0.0012	-0.0032		-0.0009			
Arsenic	189.00	-0.0001	-0.0001												
Barium	493.40														
Beryllium	313.00									-0.00023		0.0001			
Boron	249.67				0.00042										
Cadmium	226.50														
Calcium	317.93									-0.000081					
Chromium	267.70	0.00034								0.00005		-0.00024			
Cobalt	228.61	-0.0023	-0.0023		0.0001					0.0029					
Copper	324.75	0.000383	0.000383									-0.0001			
Iron	271.44	0.000915	0.000915									0.00839			
Lead	220.35	0.000071	-0.00109		0.00039					0.000266					
Magnesium	279.07	-0.0064													
Manganese	257.61											-0.00009			
Molybdenum	202.03														
Nickel	231.60	-0.000044		0.000002											
Potassium	766.49														
Selenium	196.02	0.000227	0.000096		-0.00016										
Silicon	228.15		-0.00108						0.0047	0.00677					
Silver	328.06	-0.000119	-0.00012									0.00005			
Sodium	588.90											0.00005			
Strontium	421.55														
Thallium	190.80	-0.00066								0.000645		-0.00189			
Tin	189.98									-0.00118					
Titanium	334.94														
Vanadium	292.40		-0.010516							0.000165					
Zinc	213.85	0.000092	0.000346		-0.00021										

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Connecticut Job No: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Date: 01/30/2008 10:51

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Iron		250000	6010B
Manganese		10000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-25211/1-A	03/16/2009 13:42	25211		100	50
LCS 220-25211/2-A	03/16/2009 13:42	25211		50	50
220-8369-D-19-B DU	03/16/2009 13:42	25211		100	50
220-8369-D-19-C MS	03/16/2009 13:42	25211		100	50
220-8369-D-19-D MSD	03/16/2009 13:42	25211		100	50
220-8385-1	03/16/2009 13:47	25211		100	50
220-8385-2	03/16/2009 13:47	25211		100	50
220-8385-3	03/16/2009 13:47	25211		100	50
220-8385-4	03/16/2009 13:47	25211		100	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-25260/1-A	03/17/2009 12:38	25260		100	50
LCS 220-25260/2-A	03/17/2009 12:38	25260		50	50
220-8385-5	03/17/2009 12:38	25260		100	50
220-8385-6	03/17/2009 12:38	25260		100	50
220-8385-7	03/17/2009 12:38	25260		100	50
220-8385-8	03/17/2009 12:38	25260		100	50
220-8385-9	03/17/2009 12:38	25260		100	50
220-8385-10	03/17/2009 12:38	25260		100	50
220-8385-11	03/17/2009 12:38	25260		100	50
220-8385-13	03/17/2009 12:38	25260		10	50
220-8385-14	03/17/2009 12:38	25260		100	50
220-8385-15	03/17/2009 12:38	25260		100	50
220-8385-15 DU	03/17/2009 12:38	25260		100	50
220-8385-15 MS	03/17/2009 12:38	25260		100	50
220-8385-16	03/17/2009 12:38	25260		100	50
220-8385-17	03/17/2009 12:38	25260		100	50
220-8385-18	03/17/2009 12:38	25260		100	50
220-8385-19	03/17/2009 12:43	25260		100	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
220-8425-H-1-B DU	03/19/2009 13:24	25351		100	50
220-8425-H-1-C MS	03/19/2009 13:24	25351		100	50
220-8385-1	03/19/2009 13:24	25351		100	50
220-8385-2	03/19/2009 13:24	25351		100	50
220-8385-3	03/19/2009 13:24	25351		100	50
220-8385-4	03/19/2009 13:24	25351		100	50
220-8385-5	03/19/2009 13:24	25351		100	50
220-8385-6	03/19/2009 13:24	25351		100	50
220-8385-7	03/19/2009 13:24	25351		100	50
220-8385-8	03/19/2009 13:24	25351		100	50
220-8385-9	03/19/2009 13:24	25351		100	50
220-8385-10	03/19/2009 13:24	25351		100	50
220-8385-11	03/19/2009 13:24	25351		100	50
220-8385-13	03/19/2009 13:24	25351		10	50
220-8385-14	03/19/2009 13:24	25351		100	50
220-8385-15	03/19/2009 13:24	25351		100	50
220-8385-16	03/19/2009 13:24	25351		100	50
220-8385-17	03/19/2009 13:24	25351		100	50
220-8385-18	03/19/2009 13:24	25351		100	50
220-8385-19	03/19/2009 13:27	25351		100	50
220-8385-20	03/19/2009 13:27	25351		100	50
MB 220-25351/23-A	03/19/2009 13:31	25351		100	50
LCS 220-25351/24-A	03/19/2009 13:31	25351		100	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-25354/1-A	03/19/2009 14:30	25354		100	50
LCS 220-25354/2-A	03/19/2009 14:30	25354		50	50
220-8385-20	03/19/2009 14:30	25354		100	50
220-8399-B-9-B DU	03/19/2009 14:30	25354		100	50
220-8399-B-9-C MS	03/19/2009 14:30	25354		100	50
220-8399-B-9-D MSD	03/19/2009 14:30	25354		100	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/18/2009 10:31 End Date: 03/18/2009 17:11

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-25307/1 IC			10:31	X	X																		
STD2 220-25307/2 IC			10:37	X	X																		
ICV 220-25307/3	1		10:43	X	X																		
ICB 220-25307/4	1		10:52	X	X																		
CRI 220-25307/5	1		10:58	X	X																		
ICSA 220-25307/6	1		11:04	X	X																		
ICSAB 220-25307/7	1		11:10	X	X																		
CCV 220-25307/8	1		11:15	X	X																		
CCB 220-25307/9	1		11:21	X	X																		
MB 220-25260/1-A	1	T	11:27	X	X																		
LCS 220-25260/2-A	1	T	11:33	X	X																		
ZZZZZZ			11:38																				
ZZZZZZ			11:44																				
ZZZZZZ			11:50																				
220-8385-15	1	T	11:58	X	X																		
ZZZZZZ			12:04																				
220-8385-15 MS	1	T	12:09	X	X																		
220-8385-15 SD	5	T	12:15	X	X																		
ZZZZZZ			12:21																				
CCV2 220-25307/20	1		12:27	X	X																		
CCB2 220-25307/21	1		12:32	X	X																		
ZZZZZZ			12:38																				
ZZZZZZ			12:44																				
ZZZZZZ			12:50																				
ZZZZZZ			12:55																				
ZZZZZZ			13:01																				
ZZZZZZ			13:07																				
ZZZZZZ			13:15																				
ZZZZZZ			13:20																				
ZZZZZZ			13:26																				
ZZZZZZ			13:32																				
CCV3 220-25307/32			13:38																				
CCB3 220-25307/33			13:43																				
ZZZZZZ			13:49																				
ZZZZZZ			13:55																				
ZZZZZZ			14:01																				
ZZZZZZ			14:06																				
ZZZZZZ			14:12																				
ZZZZZZ			14:18																				
ZZZZZZ			14:24																				
ZZZZZZ			14:29																				
ZZZZZZ			14:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/18/2009 10:31 End Date: 03/18/2009 17:11

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe	Mn																			
ZZZZZZ			14:41																					
CCV4 220-25307/44			14:47																					
CCB4 220-25307/45			14:52																					
ZZZZZZ			14:58																					
ZZZZZZ			15:04																					
ZZZZZZ			15:10																					
ZZZZZZ			15:15																					
ZZZZZZ			15:21																					
ZZZZZZ			15:27																					
ZZZZZZ			15:33																					
ZZZZZZ			15:38																					
ZZZZZZ			15:44																					
ZZZZZZ			15:50																					
CCV5 220-25307/56	1		15:56	X	X																			
CCB5 220-25307/57	1		16:01	X	X																			
220-8385-15 DU	1	T	16:09	X	X																			
ZZZZZZ			16:20																					
ZZZZZZ			16:25																					
ZZZZZZ			16:31																					
ZZZZZZ			16:37																					
ZZZZZZ			16:43																					
ZZZZZZ			16:48																					
ZZZZZZ			16:54																					
ZZZZZZ			17:00																					
CCV6 220-25307/67	1		17:06	X	X																			
CCB6 220-25307/68	1		17:11	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/20/2009 10:10 End Date: 03/20/2009 18:37

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-25397/1 IC			10:10	X	X																		
STD2 220-25397/2 IC			10:16	X	X																		
ICV 220-25397/3	1		10:21	X	X																		
ICB 220-25397/4	1		10:27	X	X																		
CRI 220-25397/5	1		10:33	X	X																		
ICSA 220-25397/6	1		10:39	X	X																		
ICSAB 220-25397/7	1		10:44	X	X																		
CCV 220-25397/8	1		10:50	X	X																		
CCB 220-25397/9	1		10:56	X	X																		
MB 220-25351/23-A	1	T	11:02	X	X																		
LCS 220-25351/24-A	1	T	11:07	X	X																		
ZZZZZZ			11:13																				
220-8425-H-1-B DU	1	T	11:19	X	X																		
220-8425-H-1-C MS	1	T	11:25	X	X																		
220-8425-H-1-A SD ^5	5	T	11:30	X	X																		
220-8385-1	1	D	11:36	X	X																		
MB 220-25211/1-A	1	T	11:42	X	X																		
LCS 220-25211/2-A	1	T	11:48	X	X																		
ZZZZZZ			11:53																				
CCV2 220-25397/20	1		11:59	X	X																		
CCB2 220-25397/21	1		12:05	X	X																		
ZZZZZZ			12:11																				
ZZZZZZ			12:16																				
ZZZZZZ			12:22																				
ZZZZZZ			12:28																				
ZZZZZZ			12:34																				
ZZZZZZ			12:39																				
ZZZZZZ			12:45																				
ZZZZZZ			12:51																				
ZZZZZZ			12:57																				
ZZZZZZ			13:02																				
CCV3 220-25397/32			13:08																				
CCB3 220-25397/33			13:14																				
STD2 220-25397/34 IC			13:20	X	X																		
CCV3 220-25397/35	1		13:28	X	X																		
CCB3 220-25397/36	1		13:33	X	X																		
220-8369-D-19-B DU	1	T	13:39	X	X																		
220-8369-D-19-C MS	1	T	13:45	X	X																		
220-8369-D-19-D MSD	1	T	13:51	X	X																		
220-8369-D-19-A SD ^5	5	T	13:56	X	X																		
ZZZZZZ			14:02																				
ZZZZZZ			14:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/20/2009 10:10 End Date: 03/20/2009 18:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
ZZZZZZ			14:14																				
ZZZZZZ			14:19																				
ZZZZZZ			14:25																				
220-8385-1	1	T	14:31	X	X																		
CCV4 220-25397/47	1		14:40	X	X																		
CCB4 220-25397/48	1		14:46	X	X																		
220-8385-2	1	T	14:52	X	X																		
220-8385-3	1	T	14:58	X	X																		
220-8385-4	1	T	15:03	X	X																		
ZZZZZZ			15:09																				
ZZZZZZ			15:15																				
ZZZZZZ			15:20																				
ZZZZZZ			15:26																				
ZZZZZZ			15:32																				
ZZZZZZ			15:45																				
ZZZZZZ			16:04																				
CCV5 220-25397/59	1		16:09	X	X																		
CCB5 220-25397/60	1		16:19	X	X																		
ZZZZZZ			16:24																				
ZZZZZZ			16:30																				
ZZZZZZ			16:36																				
ZZZZZZ			16:42																				
ZZZZZZ			16:47																				
ZZZZZZ			16:53																				
ZZZZZZ			16:59																				
ZZZZZZ			17:05																				
ZZZZZZ			17:10																				
ZZZZZZ			17:16																				
CCV6 220-25397/71			17:22																				
CCB6 220-25397/72			17:28																				
ZZZZZZ			17:34																				
ZZZZZZ			17:40																				
ZZZZZZ			17:45																				
ZZZZZZ			17:51																				
ZZZZZZ			17:57																				
ZZZZZZ			18:03																				
ZZZZZZ			18:08																				
ZZZZZZ			18:14																				
ZZZZZZ			18:20																				
ZZZZZZ			18:26																				
CCV 220-25397/83			18:31																				
CCB 220-25397/84			18:37																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/20/2009 10:10 End Date: 03/20/2009 18:37

Prep Types
D = Dissolved
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/23/2009 09:58 End Date: 03/23/2009 17:14

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-25450/1 IC			09:58	X	X																		
STD2 220-25450/2 IC			10:04	X	X																		
ICV 220-25450/3	1		10:10	X	X																		
ICB 220-25450/4	1		10:16	X	X																		
CRI 220-25450/5	1		10:21	X	X																		
ICSA 220-25450/6	1		10:27	X	X																		
ICSAB 220-25450/7	1		10:33	X	X																		
CCV 220-25450/8	1		10:39	X	X																		
CCB 220-25450/9	1		10:44	X	X																		
220-8385-2	1	D	10:50	X	X																		
220-8385-3	1	D	10:56	X	X																		
220-8385-4	1	D	11:02	X	X																		
220-8385-5	1	D	11:07	X	X																		
220-8385-6	1	D	11:13	X	X																		
220-8385-7	1	D	11:19	X	X																		
220-8385-8	1	D	11:25	X	X																		
220-8385-9	1	D	11:30	X	X																		
220-8385-10	1	D	11:36	X	X																		
220-8385-11	1	D	11:42	X	X																		
CCV2 220-25450/20	1		11:47	X	X																		
CCB2 220-25450/21	1		11:53	X	X																		
220-8385-13	1	D	11:59	X	X																		
220-8385-14	1	D	12:05	X	X																		
220-8385-15	1	D	12:10	X	X																		
220-8385-16	1	D	12:18	X	X																		
220-8385-17	1	D	12:24	X	X																		
220-8385-18	1	D	12:29	X	X																		
220-8385-19	1	D	12:35	X	X																		
220-8385-20	1	D	12:41	X	X																		
ZZZZZZ			12:47																				
ZZZZZZ			12:52																				
CCV3 220-25450/32	1		12:58	X	X																		
CCB3 220-25450/33	1		13:04	X	X																		
ZZZZZZ			13:10																				
ZZZZZZ			13:15																				
ZZZZZZ			13:21																				
ZZZZZZ			13:27																				
ZZZZZZ			13:33																				
ZZZZZZ			13:38																				
ZZZZZZ			13:44																				
ZZZZZZ			13:50																				
ZZZZZZ			13:56																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/23/2009 09:58 End Date: 03/23/2009 17:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				Fe	Mn																			
ZZZZZZ			14:01																					
CCV4 220-25450/44	1		14:07	X	X																			
CCB4 220-25450/45	1		14:13	X	X																			
ZZZZZZ			14:19																					
ZZZZZZ			14:24																					
ZZZZZZ			14:30																					
ZZZZZZ			14:36																					
ZZZZZZ			14:51																					
ZZZZZZ			14:57																					
220-8385-5	1	T	15:03	X	X																			
220-8385-6	1	T	15:09	X	X																			
220-8385-7	1	T	15:14	X	X																			
220-8385-8	1	T	15:20	X	X																			
CCV5 220-25450/56	1		15:26	X	X																			
CCB5 220-25450/57	1		15:32	X	X																			
220-8385-9	1	T	15:37	X	X																			
220-8385-10	1	T	15:43	X	X																			
220-8385-11	1	T	15:51	X	X																			
220-8385-13	1	T	15:56	X	X																			
220-8385-14	1	T	16:02	X	X																			
220-8385-16	1	T	16:08	X	X																			
220-8385-17	1	T	16:22	X	X																			
220-8385-18	1	T	16:27	X	X																			
220-8385-19	1	T	16:33	X	X																			
ZZZZZZ			16:39																					
CCV6 220-25450/68	1		16:45	X	X																			
CCB6 220-25450/69	1		16:51	X	X																			
ZZZZZZ			16:57																					
ZZZZZZ			17:02																					
CCV 220-25450/72			17:08																					
CCB 220-25450/73			17:14																					

Prep Types
D = Dissolved
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/24/2009 10:06 End Date: 03/25/2009 09:17

Lab Sample ID	D/F	Type	Time	Analytes																			
				Fe	Mn																		
STD1 220-25488/1 IC			10:06	X	X																		
STD2 220-25488/2 IC			10:11	X	X																		
ICV 220-25488/3	1		10:17	X	X																		
ICB 220-25488/4	1		10:23	X	X																		
CRI 220-25488/5	1		10:29	X	X																		
ICSA 220-25488/6	1		10:34	X	X																		
ICSAB 220-25488/7	1		10:40	X	X																		
ZZZZZZ			10:46																				
CCV 220-25488/9	1		11:07	X	X																		
CCB 220-25488/10	1		11:12	X	X																		
MB 220-25354/1-A	1	T	11:18	X	X																		
LCS 220-25354/2-A	1	T	11:24	X	X																		
220-8385-20	1	T	11:30	X	X																		
220-8385-20 SD	5	T	11:35	X	X																		
ZZZZZZ			11:41																				
ZZZZZZ			11:47																				
ZZZZZZ			11:53																				
ZZZZZZ			11:58																				
ZZZZZZ			12:04																				
ZZZZZZ			12:10																				
CCV2 220-25488/21	1		12:16	X	X																		
CCB2 220-25488/22	1		12:21	X	X																		
ZZZZZZ			12:27																				
ZZZZZZ			12:33																				
ZZZZZZ			12:39																				
ZZZZZZ			12:44																				
ZZZZZZ			12:50																				
ZZZZZZ			12:56																				
ZZZZZZ			13:02																				
220-8399-B-9-B DU	1	T	13:07	X	X																		
220-8399-B-9-C MS	1	T	13:13	X	X																		
220-8399-B-9-D MSD	1	T	13:19	X	X																		
CCV3 220-25488/33	1		13:25	X	X																		
CCB3 220-25488/34	1		13:30	X	X																		
ZZZZZZ			13:36																				
ZZZZZZ			13:42																				
ZZZZZZ			13:48																				
ZZZZZZ			13:53																				
ZZZZZZ			13:59																				
ZZZZZZ			14:05																				
ZZZZZZ			14:11																				
ZZZZZZ			14:16																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/24/2009 10:06 End Date: 03/25/2009 09:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
ZZZZZZ			14:22																				
ZZZZZZ			14:30																				
CCV4 220-25488/45			14:35																				
CCB4 220-25488/46			14:41																				
ZZZZZZ			14:47																				
ZZZZZZ			14:53																				
ZZZZZZ			14:58																				
ZZZZZZ			15:04																				
ZZZZZZ			15:10																				
ZZZZZZ			15:16																				
ZZZZZZ			15:21																				
ZZZZZZ			15:27																				
ZZZZZZ			15:33																				
ZZZZZZ			15:39																				
CCV5 220-25488/57			15:44																				
CCB5 220-25488/58			15:50																				
ZZZZZZ			15:56																				
ZZZZZZ			16:02																				
ZZZZZZ			16:07																				
ZZZZZZ			16:13																				
ZZZZZZ			16:19																				
ZZZZZZ			16:25																				
ZZZZZZ			16:30																				
ZZZZZZ			16:36																				
ZZZZZZ			16:42																				
ZZZZZZ			16:52																				
CCV6 220-25488/69	1		17:01	X	X																		
CCB6 220-25488/70	1		17:07	X	X																		
ZZZZZZ			17:13																				
ZZZZZZ			17:19																				
ZZZZZZ			17:24																				
ZZZZZZ			17:30																				
ZZZZZZ			17:36																				
ZZZZZZ			17:42																				
ZZZZZZ			17:47																				
ZZZZZZ			17:53																				
ZZZZZZ			17:59																				
ZZZZZZ			18:05																				
CCV 220-25488/81	1		18:10	X	X																		
CCB 220-25488/82	1		18:16	X	X																		
ZZZZZZ			18:22																				
ZZZZZZ			18:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: ICAP2 Method: 6010B

Start Date: 03/24/2009 10:06 End Date: 03/25/2009 09:17

Lab Sample ID	D / F	Type	Time	Analytes																			
				Fe	Mn																		
CCV 220-25488/85			18:33																				
CCB 220-25488/86			18:39																				
CCV 220-25488/87			08:54																				
CCB 220-25488/88			09:00																				
ZZZZZZ			09:06																				
CCV 220-25488/90			09:12																				
CCB 220-25488/91			09:17																				

Prep Types

T = Total/NA

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 25307

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 3/18/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W031809 Autosampler Type: TYPE TJA
Sample Positions: 131/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	35	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	61	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-25260/1-A	1	-NA-	Sample
2	1	2	LCS 220-25260/2-A	1	-NA-	Sample
3	1	3	LB 220-25247/3-B	1	-NA-	Sample
4	1	4	220-8357-A-1-E	1	-NA-	Sample
5	1	5	220-8380-A-1-C	1	-NA-	Sample
6	1	6	220-8385-A-15-A	1	-NA-	Sample
7	1	7	220-8385-A-15-B DU	1	-NA-	Sample
8	1	8	220-8385-A-15-C MS	1	-NA-	Sample
9	1	9	220-8385-A-15-A SD@5	1	-NA-	Sample
10	1	10	220-8397-C-1-A @10	1	-NA-	Sample
11	1	11	220-8234-F-1-A @50	1	-NA-	Sample
12	1	12	220-8234-E-1-A @50	1	-NA-	Sample
13	2	1	220-8359-A-4-D	1	-NA-	Sample
14	2	2	220-8359-A-6-D	1	-NA-	Sample
15	2	3	220-8359-A-9-D @2	1	-NA-	Sample
16	2	4	220-8359-A-11-D @2	1	-NA-	Sample
17	2	5	MB 220-25000/1-A 3/18/09	1	-NA-	Sample
18	2	6	LCS 220-25000/2-A	1	-NA-	Sample
19	2	7	220-8265-C-1-A	1	-NA-	Sample
20	2	8	220-8265-C-1-B DU	1	-NA-	Sample
21	2	9	220-8265-C-1-C MS	1	-NA-	Sample
22	2	10	220-8265-C-1-A SD@5	1	-NA-	Sample
23	2	11	220-8265-E-1-A	1	-NA-	Sample
24	2	12	220-8265-C-2-A	1	-NA-	Sample
25	3	1	220-8265-D-2-A	1	-NA-	Sample
26	3	2	220-8279-B-1-A	1	-NA-	Sample
27	3	3	220-8279-A-1-A	1	-NA-	Sample
28	3	4	220-8253-E-5-A	1	-NA-	Sample
29	3	5	220-8253-F-5-A	1	-NA-	Sample
30	3	6	220-8253-E-8-A	1	-NA-	Sample
31	3	7	220-8253-F-8-A	1	-NA-	Sample
32	3	8	220-8277-F-1-A	1	-NA-	Sample
33	3	9	220-8277-G-1-A	1	-NA-	Sample
34	3	10	220-8277-F-3-A	1	-NA-	Sample
35	3	11	220-8297-A-4-A	1	-NA-	Sample
36	3	12	220-8297-B-4-A	1	-NA-	Sample
37	4	1	220-8297-A-5-A	1	-NA-	Sample
38	4	2	220-8297-B-5-A	1	-NA-	Sample
39	4	3	220-8297-A-6-A	1	-NA-	Sample
40	4	4	220-8297-B-6-A	1	-NA-	Sample
41	4	5	(empty)	1	-NA-	-NA-
42	4	6	(empty)	1	-NA-	-NA-
43	4	7	(empty)	1	-NA-	-NA-
44	4	8	(empty)	1	-NA-	-NA-
45	4	9	(empty)	1	-NA-	-NA-
46	4	10	(empty)	1	-NA-	-NA-
47	4	11	(empty)	1	-NA-	-NA-
48	4	12	(empty)	1	-NA-	-NA-

Method: STL3 Standard: STD1
Run Time: 03/18/09 10:31:57

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00487	.08447	.00568	.0971	.00027	-.00640	.00823
SDev	.00170	.00057	.00296	.0013	.00075	.00009	.00071
%RSD	34.871	.66971	52.159	1.360	282.84	1.4731	8.5883
#1	-.00607	.08487	.00778	.0961	-.00027	-.00647	.00773
#2	-.00367	.08407	.00359	.0980	.00080	-.00633	.00873

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00343	-.00090	.00263	.03823	-.00870	.02047	.00080
SDev	.00005	.00222	.00485	.00014	.00278	.00057	.00104
%RSD	1.3730	246.18	184.38	.36989	31.969	2.7639	129.64
#1	.00347	-.00247	-.00080	.03833	-.01067	.02007	.00007
#2	.00340	.00067	.00607	.03813	-.00673	.02087	.00153

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00167	-.00990	.21540	-.00453	.01767	-.00707	-.02547
SDev	.00028	.00071	.00094	.00236	.00028	.00047	.01009
%RSD	16.971	7.1425	.43770	51.993	1.6010	6.6708	39.613
#1	.00147	-.01040	.21473	-.00620	.01787	-.00673	-.01833
#2	.00187	-.00940	.21607	-.00287	.01747	-.00740	-.03260

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	-.00300	-.03673	.02430	-.00103	-.00060	.3157	-.00070
SDev	.00311	.00707	.00108	.00165	.00028	.0026	.00052
%RSD	103.71	19.250	4.4619	159.67	47.140	.8363	74.078
#1	-.00520	-.04173	.02353	-.00220	-.00080	.3175	-.00033
#2	-.00080	-.03173	.02507	.00013	-.00040	.3138	-.00107

Elem	Sr4215	Ti3349
Avge	.00230	-.01370
SDev	.00042	.00184
%RSD	18.446	13.420
#1	.00200	-.01500
#2	.00260	-.01240

Method: STL3 Standard: STD2
Run Time: 03/18/09 10:37:47

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.80757	4.8770	1.2788	2.373	9.7100	3.6405	13.787
SDev	.00410	.0046	.0048	.001	.0526	.0039	.077
%RSD	.50785	.09472	.37285	.0457	.54131	.10618	.55663
#1	.80467	4.8737	1.2754	2.373	9.7471	3.6377	13.733
#2	.81047	4.8803	1.2822	2.374	9.6728	3.6432	13.842

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.0198	1.4409	3.8707	4.0372	1.7878	1.3633	9.5706
SDev	.0328	.0112	.0140	.0042	.0028	.0056	.0065
%RSD	.40911	.77866	.36171	.10509	.15557	.41148	.06797
#1	7.9966	1.4329	3.8608	4.0402	1.7858	1.3593	9.5660
#2	8.0430	1.4488	3.8806	4.0342	1.7897	1.3673	9.5752

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.3204	2.1047	103.17	3.9044	1.9102	.60183	3.9351
SDev	.0206	.0184	.13	.0220	.0028	.01023	.0058
%RSD	.47682	.87575	.12450	.56385	.14560	1.6997	.14855
#1	4.3058	2.0917	103.08	3.9199	1.9083	.59460	3.9309
#2	4.3349	2.1177	103.26	3.8888	1.9122	.60907	3.9392

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.4642	2.1725	1.8022	1.7880	.57153	1.595	1.4797
SDev	.0109	.0113	.0090	.0081	.00151	.005	.0090
%RSD	.31570	.51860	.49959	.45348	.26394	.3074	.60529
#1	3.4565	2.1645	1.7959	1.7823	.57047	1.591	1.4734
#2	3.4719	2.1805	1.8086	1.7937	.57260	1.598	1.4861

Elem	Sr4215	Ti3349
Avge	11.231	12.202
SDev	.027	.038
%RSD	.24093	.30867
#1	11.212	12.176
#2	11.250	12.229

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	122.864	.597939	03/18/09 10:37:47
Al3082	308.215	STD2	STD1	2299.45	-194.227	03/18/09 10:37:47
As1890	189.042	STD2	STD1	783.686	-4.45208	03/18/09 10:37:47
B_2496	249.678	STD2	STD1	440.426	-42.7507	03/18/09 10:37:47
Ba4934	493.409	STD2	STD1	102.990	-.027464	03/18/09 10:37:47
Be3130	313.042	STD2	STD1	274.172	1.75470	03/18/09 10:37:47
Ca3179	317.933	STD2	STD1	3628.67	-29.8760	03/18/09 10:37:47
Cd2265	226.502	STD2	STD1	125.014	-.429213	03/18/09 10:37:47
Co2286	228.616	STD2	STD1	693.960	.624564	03/18/09 10:37:47
Cr2677	267.716	STD2	STD1	258.520	-.680770	03/18/09 10:37:47
Cu3247	324.753	STD2	STD1	250.141	-9.56371	03/18/09 10:37:47
Fe2714	271.441	STD2	STD1	6166.67	53.6500	03/18/09 10:37:47
K_7664	766.491	STD2	STD1	37234.7	-762.070	03/18/09 10:37:47
Mg2790	279.078	STD2	STD1	5224.10	-4.17928	03/18/09 10:37:47
Mn2576	257.610	STD2	STD1	231.530	-.385884	03/18/09 10:37:47
Mo2020	202.030	STD2	STD1	472.903	4.68174	03/18/09 10:37:47
Na5889	588.995	STD2	STD1	485.634	-104.606	03/18/09 10:37:47
Ni2316	231.604	STD2	STD1	255.270	1.15722	03/18/09 10:37:47
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	525.092	-9.27662	03/18/09 10:37:47
Tl1908	190.864	STD2	STD1	1631.60	11.5300	03/18/09 10:37:47
2203/1	220.351	STD2	STD1	253.016	6.44348	03/18/09 10:37:47
2203/2	220.352	STD2	STD1	287.814	.863441	03/18/09 10:37:47
1960/1	196.021	STD2	STD1	452.680	16.6284	03/18/09 10:37:47
1960/2	196.022	STD2	STD1	559.226	-13.5892	03/18/09 10:37:47
V_2924	292.402	STD2	STD1	553.261	.571703	03/18/09 10:37:47
Zn2062	206.200	STD2	STD1	1748.03	1.04882	03/18/09 10:37:47
Si2881	288.158	STD2	STD1	783.138	-247.211	03/18/09 10:37:47
Sn1899	189.989	STD2	STD1	674.532	.472173	03/18/09 10:37:47
Sr4215	421.552	STD2	STD1	89.1494	-.205044	03/18/09 10:37:47
Ti3349	334.941	STD2	STD1	81.9050	1.12210	03/18/09 10:37:47

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 03/18/09 10:43:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.9541	10091.48	1065.280	1017.591	1007.354	1021.873	25475.78
SDev	.1738	15.48	1.844	.273	1.811	7.303	139.93
%RSD	.1625388	.1534280	.1730986	.0268555	.1797706	.7146469	.5492498
#1	106.8311	10080.53	1066.584	1017.784	1008.634	1016.709	25376.84
#2	107.0770	10102.42	1063.976	1017.398	1006.073	1027.037	25574.72

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1034.008	1037.442	1049.031	1005.612	10346.78	48545.37	25133.06
SDev	.699	1.332	3.802	2.051	17.26	293.13	52.96
%RSD	.0675753	.1283966	.3624126	.2039955	.1668076	.6038190	.2107122
#1	1033.514	1036.500	1046.343	1007.063	10358.98	48338.09	25095.61
#2	1034.503	1038.384	1051.719	1004.162	10334.57	48752.64	25170.51

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1047.318	1064.598	48750.52	1034.243	1025.965	1028.458	986.7801
SDev	1.681	.557	163.41	6.441	5.375	3.793	36.2134
%RSD	.1604988	.0523528	.3351979	.6227700	.5238749	.3688481	3.669856
#1	1046.129	1064.993	48634.97	1029.689	1022.164	1031.140	961.1733
#2	1048.506	1064.204	48866.07	1038.798	1029.765	1025.776	1012.387

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1024.607	1026.916	1025.489	1030.346	1024.675	1019.883	1056.138
SDev	5.850	5.456	5.334	6.788	2.205	.959	10.718
%RSD	.5709116	.5312741	.5201617	.6588112	.2151738	.0940368	1.014833
#1	1028.743	1023.058	1021.717	1035.146	1023.116	1019.205	1048.559
#2	1020.471	1030.773	1029.261	1025.546	1026.234	1020.561	1063.717

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1149.204	1039.699	1022.062	1023.340
SDev	2.569	6.966	1.783	2.135
%RSD	.2235500	.6699784	.1744641	.2085886
#1	1147.388	1034.774	1020.802	1021.831
#2	1151.021	1044.625	1023.323	1024.849

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 03/18/09 10:52:50
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0697370	5.568534	-6.85310	.9545712	.0205980	-.073217	-2.29816
SDev	.1099614	5.504075	2.48825	.3943397	.0097100	.103277	.34211
%RSD	157.6801	98.84245	36.30840	41.31066	47.14045	141.0562	14.88646
#1	.1474915	9.460503	-5.09364	1.233412	.0137320	-.000189	-2.54007
#2	-.008017	1.676565	-8.61256	.6757310	.0274640	-.146245	-2.05624

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0040481	-.181455	.1296398	-.500684	1.437919	.0000060	.5210279
SDev	.0935199	.424881	.0484413	.129589	3.526938	3.510483	3.201603
%RSD	2310.213	234.1525	37.36605	25.88234	245.2808	59e6	614.4782
#1	-.062080	.1189814	.0953867	-.592317	-1.05600	-2.48228	-1.74285
#2	.0701767	-.481891	.1638929	-.409051	3.931840	2.482292	2.784903

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.215979	1.765503	-5.97330	-.851611	.5505192	.2111031	8.404150
SDev	.021712	.111464	2.49534	.385710	1.101944	3.696414	3.167184
%RSD	10.05267	6.313456	41.77484	45.29184	200.1644	1751.000	37.68595
#1	-.231331	1.686686	-4.20883	-.578873	1.329711	2.824863	10.64369
#2	-.200626	1.844320	-7.73777	-1.12435	-.228673	-2.40266	6.164613

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.483062	-1.31321	1.480437	-.754664	2.144537	1.291028	-.350486
SDev	3.843259	2.00373	.651654	5.121451	.842060	1.302917	.329528
%RSD	110.3414	152.5829	44.01771	678.6399	39.26538	100.9209	94.02032
#1	.7654675	.1036437	1.941226	2.866749	2.739963	2.212330	-.583497
#2	6.200657	-2.73006	1.019648	-4.37608	1.549110	.3697265	-.117474

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5.083290	2.001266	.0119349	.1063800
SDev	4.102373	1.144735	.0042097	.0463280
%RSD	80.70310	57.20052	35.27254	43.54957
#1	7.984105	1.191817	.0149116	.1391389
#2	2.182474	2.810716	.0089581	.0736211

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 03/18/09 10:58:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.71413	399.4511	Q13.29904	36.13634	10.58735	10.59844	543.0905
SDev	.23753	.1199	.42222	.16439	.03884	.03884	.1710
%RSD	2.216981	.0300039	3.174793	.4549241	.3668577	.3664355	.0314932
#1	10.88209	399.3664	Q13.59759	36.02010	10.61482	10.57098	542.9695
#2	10.54617	399.5359	Q13.00049	36.25259	10.55989	10.62591	543.2114

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.68632	10.94963	10.72793	9.701752	219.6779	378.5528	509.9412
SDev	.32683	.16204	.02429	.046941	17.4366	1.7552	8.8658
%RSD	3.058355	1.479906	.2264127	.4838384	7.937337	.4636683	1.738598
#1	10.45522	10.83504	10.71076	9.734944	207.3484	379.7939	516.2103
#2	10.91742	11.06421	10.74511	9.668560	232.0074	377.3117	503.6721

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.78262	33.78101	459.1668	10.36781	12.13176	31.28466	31.69393
SDev	.03279	.71337	.2976	.24063	2.92788	2.95742	.84089
%RSD	.3041278	2.111757	.0648127	2.320928	24.13401	9.453266	2.653152
#1	10.80581	34.28544	458.9564	10.53796	10.06144	33.37587	32.28853
#2	10.75943	33.27658	459.3772	10.19766	Q14.20209	29.19345	31.09934

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.12194	10.36416	13.01339	30.46484	32.92565	11.74403	32.37414
SDev	3.69626	2.30125	3.24080	3.47787	1.91510	.55545	.49377
%RSD	10.52407	22.20393	24.90356	11.41602	5.816446	4.729633	1.525189
#1	32.50829	8.736926	10.72180	32.92407	34.27983	12.13679	32.02499
#2	37.73558	11.99138	15.30498	28.00562	31.57147	11.35127	32.72328

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	34.04163	30.59881	10.84105	32.29454
SDev	2.17378	.76353	.00421	.03098
%RSD	6.385642	2.495300	.0388024	.0959200
#1	32.50454	30.05891	10.84403	32.27263
#2	35.57872	31.13871	10.83808	32.31644

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 03/18/09 11:04:21
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.162924	436407.2	-6.05430	11.43417	1.119156	-.193236	436444.4
SDev	.034805	2199.8	.00995	.59143	.019420	.064571	3113.4
%RSD	21.36275	.5040727	.1643631	5.172478	1.735229	33.41566	.7133534
#1	-.187535	434851.7	-6.04727	11.01597	1.105424	-.238895	434242.9
#2	-.138313	437962.7	-6.06134	11.85238	1.132888	-.147577	438645.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.31183	-2.58101	1.375923	.1756403	180633.8	33.51125	459802.1
SDev	1.04430	.03307	.255910	.2120865	1410.8	5.26577	1556.9
%RSD	31.53252	1.281371	18.59915	120.7505	.7810032	15.71345	.3385962
#1	-2.57339	-2.60439	1.194967	.0256725	179636.2	29.78779	458701.2
#2	-4.05026	-2.55762	1.556878	.3256081	181631.3	37.23472	460902.9

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.755585	-.457139	46.42659	-.319593	2.663881	1.275569	-.085567
SDev	.174700	.624200	5.12803	.611568	1.753346	3.573525	2.490618
%RSD	1.790766	136.5447	11.04545	191.3583	65.81924	280.1514	2910.718
#1	9.632053	-.898515	42.80053	-.752037	3.903683	3.802433	-1.84670
#2	9.879116	-.015763	50.05265	.1128508	1.424078	-1.25129	1.675566

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.02482	4.178665	1.906824	1.299680	1.226173	2.390734	-13.8493
SDev	3.63837	3.687462	.787737	7.924374	5.141381	.743286	2.1709
%RSD	16.51941	88.24498	41.31149	609.7172	419.3030	31.09029	15.67520
#1	19.45211	6.786095	2.463839	6.903059	-2.40933	1.865152	-15.3844
#2	24.59754	1.571236	1.349810	-4.30370	4.861679	2.916317	-12.3142

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	56.36909	1.628524	1.164114	-4.68016
SDev	1.39851	1.395633	.010748	.09733
%RSD	2.480991	85.69924	.9233170	2.079570
#1	55.38019	.6416628	1.171714	-4.74898
#2	57.35799	2.615386	1.156513	-4.61134

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 03/18/09 11:10:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	223.5985	437121.7	93.95484	25.04041	491.3334	476.0057	443646.2
SDev	2.2478	3448.0	3.26863	.46027	1.8206	5.4278	6908.3
%RSD	1.005282	.7888030	3.478939	1.838127	.3705500	1.140287	1.557169
#1	222.0091	434683.6	91.64357	25.36587	490.0460	472.1677	438761.3
#2	225.1880	439559.8	96.26611	24.71495	492.6208	479.8438	448531.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	951.3229	472.6970	481.7463	546.3874	183015.0	47.16396	462004.2
SDev	9.8258	4.2237	4.3997	.7668	2099.7	7.02101	3404.4
%RSD	1.032854	.8935265	.9132802	.1403390	1.147270	14.88640	.7368833
#1	944.3751	469.7104	478.6353	545.8453	181530.3	42.19936	459596.9
#2	958.2708	475.6836	484.8574	546.9297	184499.7	52.12857	464411.5

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	496.9767	-2.56944	67.63260	942.3621	48.36617	53.45950	572.8937
SDev	6.4290	.17834	1.64829	13.5752	2.21306	4.38622	34.5062
%RSD	1.293627	6.940923	2.437129	1.440546	4.575628	8.204743	6.023141
#1	492.4307	-2.69555	66.46708	932.7630	46.80130	56.56102	548.4941
#2	501.5227	-2.44333	68.79812	951.9612	49.93104	50.35798	597.2933

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	112.6696	53.66908	45.71784	54.53032	51.31354	477.2360	952.3162
SDev	10.5639	5.41999	6.02392	11.00162	8.86431	4.8237	14.2187
%RSD	9.375980	10.09891	13.17631	20.17523	17.27479	1.010768	1.493065
#1	Q120.1393	57.50160	41.45828	62.30964	45.04553	473.8251	942.2620
#2	105.1998	49.83657	49.97740	46.75100	57.58155	480.6469	962.3703

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	176.3454	2.755311	1.107968	-4.75637
SDev	2.7146	3.869192	.031606	.05238
%RSD	1.539388	140.4267	2.852618	1.101191
#1	174.4259	5.491242	1.130317	-4.71934
#2	178.2650	.0193787	1.085619	-4.79341

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/18/09 11:15:50
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.81213	4886.928	529.7354	501.7795	503.5960	513.6178	19379.38
SDev	.16241	27.181	1.3236	1.3862	.4030	1.1503	32.50
%RSD	.3018049	.5562081	.2498570	.2762576	.0800185	.2239687	.1677075
#1	53.92697	4906.148	528.7995	502.7597	503.3111	514.4312	19402.36
#2	53.69729	4867.708	530.6713	500.7993	503.8810	512.8044	19356.40

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.1759	526.1320	526.1296	493.8024	5185.219	18748.91	18878.95
SDev	1.1301	.2605	1.6452	.5075	36.046	38.61	57.87
%RSD	.2180923	.0495212	.3127062	.1027781	.6951726	.2059568	.3065220
#1	518.9750	525.9478	527.2930	493.4435	5210.707	18776.22	18838.03
#2	517.3768	526.3162	524.9663	494.1613	5159.730	18721.61	18919.87

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	531.5929	518.9634	21111.02	513.3160	512.8832	507.1545	525.0649
SDev	1.0043	1.5828	71.84	2.4781	1.4924	4.4592	17.3580
%RSD	.1889138	.3049907	.3402849	.4827610	.2909856	.8792647	3.305868
#1	532.3030	520.0826	21161.82	515.0682	511.8279	510.3077	537.3389
#2	530.8828	517.8442	21060.22	511.5637	513.9385	504.0014	512.7910

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	499.2753	505.7654	516.4359	505.8159	509.8347	512.7891	527.9030
SDev	.6802	2.3072	3.3894	6.9788	.5878	1.2940	.3286
%RSD	.1362370	.4561806	.6563144	1.379719	.1152829	.2523362	.0622396
#1	498.7943	507.3968	514.0392	510.7507	509.4191	513.7041	528.1353
#2	499.7563	504.1339	518.8326	500.8812	510.2503	511.8742	527.6707

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	545.1679	505.7031	515.3195	508.1077
SDev	2.6510	.7330	.5624	.7922
%RSD	.4862728	.1449471	.1091439	.1559148
#1	543.2933	506.2214	515.7172	508.6678
#2	547.0424	505.1848	514.9217	507.5475

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/18/09 11:21:34
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.012029	12.62638	-6.09589	.3949544	.0102990	-.292479	-3.14484
SDev	.109896	2.50792	.59927	.7273572	.0145650	.077489	.17106
%RSD	913.6022	19.86258	9.830711	184.1623	141.4213	26.49393	5.439300
#1	-.089737	10.85301	-5.67214	.9092736	.0205980	-.237686	-3.02389
#2	.0656796	14.39975	-6.51964	-.119365	.0000000	-.347273	-3.26580

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.014451	.5606711	-.085890	-.842992	9.203592	1.241184	-.872313
SDev	.270607	.0294048	.061041	.142028	2.330862	5.265773	1.230983
%RSD	1872.641	5.244573	71.06906	16.84804	25.32557	424.2541	141.1171
#1	-.205799	.5398787	-.042727	-.943421	7.555424	-2.48228	-1.74275
#2	.1768978	.5814634	-.129053	-.742564	10.85176	4.964648	-.001877

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.254604	2.790125	-8.33672	.3418828	1.547062	-2.45050	6.973265
SDev	.054632	1.515913	.48075	1.107140	.169705	2.85025	4.558048
%RSD	21.45774	54.33138	5.766668	323.8362	10.96949	116.3131	65.36462
#1	-.215973	3.862038	-8.67666	-.440984	1.427062	-4.46593	10.19629
#2	-.293235	1.718213	-7.99678	1.124749	1.667061	-.435066	3.750238

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.803935	-.033650	2.335583	-5.17551	3.006607	.8775047	.1147404
SDev	2.077077	.980590	.744061	4.58840	.631419	.6679908	.6587152
%RSD	30.52758	2914.053	31.85761	88.65611	21.00104	76.12389	574.0919
#1	8.272651	.6597317	1.809453	-8.42000	3.453088	1.349846	.5805224
#2	5.335220	-.727033	2.861714	-1.93102	2.560127	.4051639	-.351042

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.601527	5.913880	.0089810	.2511760
SDev	.085412	2.861802	.0084087	.0424837
%RSD	14.19923	48.39128	93.62776	16.91392
#1	-.661922	7.937480	.0030351	.2812165
#2	-.541131	3.890280	.0149268	.2211355

Method: STL3 Sample Name: MB 220-25260/1-A Operator: NP
Run Time: 03/18/09 11:27:19
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0942437	1.685506	-6.32402	13.90051	.0411959	-.274150	L-15.6033
SDev	.1795827	2.408011	.92651	.18656	.0388399	.025984	.6842
%RSD	190.5514	142.8657	14.65065	1.342115	94.28090	9.477883	4.385151
#1	-.032740	-.017215	-5.66888	13.76859	.0137320	-.292523	L-16.0871
#2	.2212278	3.388227	-6.97916	14.03243	.0686599	-.255777	L-15.1194

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0604000	.1413781	.0689171	13.34048	25.06764	3.723470	3.134708
SDev	.0467148	.0975646	.1099666	.03535	2.62075	5.265773	1.970061
%RSD	77.34235	69.00970	159.5635	.2649786	10.45470	141.4211	62.84674
#1	.0273677	.0723895	.1466752	13.31548	23.21449	.0000059	1.741664
#2	.0934323	.2103666	-.008841	13.36547	26.92079	7.446934	4.527751

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0385829	1.261074	107.6974	-.600696	-.942462	1.815776	3.089190
SDev	.0110250	.200636	14.1708	.024142	.468768	2.673571	1.088645
%RSD	28.57476	15.90991	13.15795	4.019011	49.73865	147.2412	35.24047
#1	.0463787	1.402944	117.7176	-.617767	-.610993	3.706277	3.858978
#2	.0307871	1.119203	97.67714	-.583625	-1.27393	-.074724	2.319402

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.697101	-.238230	-1.29465	2.882522	-.322120	-.060867	5.067494
SDev	.691010	1.216810	.09517	4.417206	.818652	1.227960	.411778
%RSD	10.31804	510.7716	7.350729	153.2410	254.1454	2017.458	8.125864
#1	6.208483	.6221850	-1.22736	6.005959	-.900994	.8074320	4.776324
#2	7.185719	-1.09864	-1.36194	-.240914	.2567549	-.929165	5.358665

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	57.68292	7.622800	-.157170	.0702205
SDev	2.17424	.508876	.016796	.0501593
%RSD	3.769297	6.675710	10.68642	71.43115
#1	56.14550	7.262970	-.169046	.0347525
#2	59.22034	7.982629	-.145293	.1056885

Method: STL3 Sample Name: LCS 220-25260/2-A Operator: NP
Run Time: 03/18/09 11:33:03
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	334.9783	6256.714	1105.411	1085.664	324.2702	118.0343	33201.69
SDev	3.8082	38.401	15.356	7.435	2.6945	1.5147	449.20
%RSD	1.136839	.6137558	1.389198	.6848803	.8309448	1.283282	1.352928
#1	332.2855	6229.560	1094.553	1080.406	322.3649	116.9633	32884.07
#2	337.6711	6283.867	1116.270	1090.921	326.1755	119.1054	33519.32

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	332.9125	340.3531	341.3446	327.3238	27350.23	20170.04	16075.68
SDev	4.5323	3.1894	4.5572	2.6329	345.38	96.54	139.41
%RSD	1.361408	.9370742	1.335073	.8043711	1.262790	.4786347	.8672136
#1	329.7077	338.0978	338.1222	325.4621	27106.01	20101.77	15977.11
#2	336.1174	342.6083	344.5670	329.1855	27594.45	20238.30	16174.26

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	230.5419	1120.763	32302.86	331.0804	1096.386	548.2446	1090.210
SDev	3.8203	21.936	152.53	4.2024	13.979	8.8066	14.128
%RSD	1.657088	1.957247	.4722022	1.269304	1.275015	1.606326	1.295863
#1	227.8406	1105.252	32195.00	328.1088	1086.501	542.0174	1080.221
#2	233.2433	1136.275	32410.72	334.0519	1106.271	554.4718	1100.200

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1095.946	1099.377	1094.892	546.8391	551.0588	337.0741	338.3226
SDev	9.565	8.399	16.765	9.5449	7.3277	2.5190	5.5001
%RSD	.8727872	.7640064	1.531205	1.745477	1.329755	.7473207	1.625692
#1	1089.182	1093.438	1083.037	540.0898	545.8773	335.2929	334.4334
#2	1102.710	1105.316	1106.746	553.5884	556.2403	338.8553	342.2117

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1110.903	1116.976	-.611058	1113.822
SDev	12.545	5.300	.001028	12.139
%RSD	1.129232	.4744666	.1682335	1.089827
#1	1102.033	1113.228	-.610331	1105.238
#2	1119.774	1120.723	-.611785	1122.405

Method: STL3 Sample Name: LB 220-25247/3-B Operator: NP
Run Time: 03/18/09 11:38:47
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.077516	17.54468	-.106900	17.01325	.7758564	-.447742	19.47385
SDev	.040791	.32162	4.032860	.27141	.0485498	.064583	3.07903
%RSD	52.62295	1.833142	3772.563	1.595260	6.257575	14.42424	15.81108
#1	-.048672	17.77210	2.744763	17.20516	.7415265	-.493410	17.29665
#2	-.106360	17.31726	-2.95856	16.82133	.8101863	-.402075	21.65105

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0137887	.2843951	-.025837	1.958080	13.54374	238.3021	9.926384
SDev	.0363933	.8784896	.926202	.307470	6.04610	7.0211	8.126794
%RSD	263.9360	308.8976	3584.854	15.70263	44.64128	2.946284	81.87064
#1	.0395226	-.336791	-.680760	1.740666	9.268503	233.3375	4.179873
#2	-.011945	.9055811	.6290870	2.175495	17.81898	243.2668	15.67290

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0926204	3.578297	H207856.4	.7000766	1.933047	10.15125	-4.18236
SDev	.0000000	2.095527	570.8	.1452472	.504178	3.29916	1.01486
%RSD	.0000000	58.56215	.2746184	20.74733	26.08203	32.50003	24.26513
#1	.0926204	5.060058	H207452.8	.5973713	1.576539	12.48410	-4.89997
#2	.0926204	2.096535	H208260.0	.8027819	2.289554	7.818389	-3.46475

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.280685	5.773055	.0151215	14.59159	1.256125	.1295901	3.552005
SDev	2.689285	5.082779	3.293468	5.18508	.478212	.0220906	1.072629
%RSD	50.92681	88.04315	21780.10	35.53473	38.07044	17.04653	30.19785
#1	7.182296	9.367123	-2.31371	18.25800	.9179779	.1452106	2.793541
#2	3.379074	2.178987	2.343955	10.92518	1.594272	.1139697	4.310468

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	89.53746	.5178492	.7306163	.3702722
SDev	2.59772	1.399195	.0125429	.1817078
%RSD	2.901265	270.1935	1.716762	49.07413
#1	87.70059	1.507229	.7217471	.4987590
#2	91.37432	-.471531	.7394855	.2417853

Method: STL3 Sample Name: 220-8357-A-1-E Operator: NP
Run Time: 03/18/09 11:44:32
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1382071	205.0774	-.093874	152.9364	134.4360	-.392605	21104.08
SDev	.1215845	1.2969	.657718	.8723	.8642	.116206	20.36
%RSD	87.97269	.6324051	700.6397	.5703579	.6428201	29.59863	.0964532
#1	.2241804	204.1603	.3712029	153.5532	133.8249	-.474775	21089.69
#2	.0522339	205.9945	-.558951	152.3196	135.0471	-.310435	21118.48

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	844.1621	1.756252	27.38958	172.8469	80.76756	3270.448	2358.212
SDev	2.3038	.524480	.34135	.7663	2.07002	15.797	9.111
%RSD	.2729090	29.86359	1.246283	.4433331	2.562936	.4830278	.3863406
#1	845.7911	1.385389	27.63095	172.3051	82.23129	3259.278	2351.770
#2	842.5331	2.127116	27.14820	173.3888	79.30384	3281.618	2364.655

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.59408	1.087676	H199968.5	48.12004	87.37411	7.718531	-4.95538
SDev	.15279	.535028	179.7	.44666	.24859	1.875494	.51613
%RSD	.4292532	49.19003	.0898664	.9282192	.2845148	24.29859	10.41557
#1	35.70212	.7093539	H200095.5	47.80421	87.54989	6.392356	-5.32034
#2	35.48604	1.465998	H199841.4	48.43588	87.19833	9.044705	-4.59042

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.296421	86.04921	88.03497	11.52599	.0911505	1.725030	516.8005
SDev	8.459319	1.94301	.59734	1.87780	1.870879	.162212	1.0716
%RSD	256.6214	2.258017	.6785245	16.29185	2052.516	9.403443	.2073487
#1	9.278063	87.42312	87.61259	10.19819	-1.23176	1.610329	517.5582
#2	-2.68522	84.67529	88.45735	12.85380	1.414062	1.839732	516.0428

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1280.809	-.332842	145.3785	2.380382
SDev	2.960	1.272461	.3274	.432443
%RSD	.2311019	382.3024	.2251899	18.16694
#1	1278.716	.5669245	145.1470	2.686165
#2	1282.902	-1.23261	145.6100	2.074599

Method: STL3 Sample Name: 220-8380-A-1-C Operator: NP
Run Time: 03/18/09 11:50:16
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2840769	331.4132	-2.94760	125.6497	64.19010	-.456962	4644.451
SDev	.0405935	12.1510	1.35992	.9973	.00971	.077479	37.804
%RSD	14.28963	3.666421	46.13636	.7936962	.0151279	16.95522	.8139525
#1	.2553729	322.8212	-1.98600	126.3549	64.18323	-.402176	4617.720
#2	.3127809	340.0053	-3.90921	124.9445	64.19697	-.511747	4671.183

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	594.9331	1.368122	276.6515	133.0330	30.84882	1944.893	508.9593
SDev	5.0974	.100024	1.9381	.3538	1.15459	5.266	.9871
%RSD	.8568010	7.311024	.7005611	.2659421	3.742750	.2707522	.1939356
#1	591.3287	1.297395	275.2811	132.7828	30.03240	1941.169	508.2614
#2	598.5375	1.438850	278.0220	133.2832	31.66524	1948.616	509.6573

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.62170	.6463000	H197962.9	27.13173	23.99295	5.753537	-6.66138
SDev	.30556	.1783427	313.1	.28826	.80906	3.017987	1.62682
%RSD	1.481727	27.59441	.1581578	1.062447	3.372092	52.45446	24.42160
#1	20.40564	.7724073	H198184.2	27.33556	24.56505	7.887576	-5.51105
#2	20.83776	.5201927	H197741.5	26.92790	23.42086	3.619499	-7.81171

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.586098	25.12525	23.42695	8.661934	-.073101	.7440028	828.0207
SDev	1.075033	1.28933	.56915	4.801322	.554180	.5495987	5.7697
%RSD	29.97781	5.131624	2.429460	55.43013	758.1044	73.87052	.6968027
#1	2.825934	26.03695	23.82940	12.05698	-.464966	1.132628	823.9409
#2	4.346261	24.21355	23.02450	5.266887	.3187640	.3553778	832.1005

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	320.3247	1.552368	27.05144	.2771047
SDev	4.1413	2.035130	.12108	.0423380
%RSD	1.292853	131.0984	.4475898	15.27870
#1	317.3963	.1133143	26.96582	.2471672
#2	323.2530	2.991422	27.13705	.3070422

Method: STL3 Sample Name: 220-8385-A-15-A Operator: NP
Run Time: 03/18/09 11:58:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0253585	197.4846	-6.25372	158.8235	101.7333	-.453773	H191959.9
SDev	.3359142	1.8414	.39143	2.0743	1.0195	.180880	3423.0
%RSD	1324.662	.9324304	6.259233	1.306041	1.002176	39.86124	1.783193
#1	-.212169	198.7866	-6.53051	157.3567	101.0124	-.325872	H189539.4
#2	.2628857	196.1825	-5.97693	160.2902	102.4542	-.581674	H194380.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0746902	.1441178	20.62077	2.292857	778.3438	9756.733	31519.72
SDev	.1968664	.0014567	.46308	.117989	15.6970	40.371	332.22
%RSD	263.5771	1.010800	2.245677	5.145949	2.016719	.4137796	1.053994
#1	-.064515	.1451479	20.29332	2.209426	767.2443	9728.186	31284.81
#2	.2138958	.1430877	20.94821	2.376288	789.4432	9785.280	31754.63

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.97906	1.119203	42526.65	2.340352	3.425154	1.517283	-1.33124
SDev	.21828	.222929	259.03	.554574	1.506888	.524731	.17462
%RSD	1.285600	19.91851	.6091077	23.69618	43.99476	34.58358	13.11731
#1	16.82472	1.276837	42343.48	1.948209	2.359623	1.146243	-1.20777
#2	17.13341	.9615685	42709.81	2.732496	4.490685	1.888324	-1.45472

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9842718	4.223709	3.025775	1.884111	.7814270	1.971824	13.90032
SDev	3.380197	2.272264	1.124915	1.323528	1.075403	.054767	.24730
%RSD	343.4210	53.79784	37.17777	70.24684	137.6205	2.777477	1.779112
#1	3.374432	2.616976	2.230339	.9482348	1.541852	2.010550	14.07519
#2	-1.40589	5.830442	3.821210	2.819986	.0210019	1.933098	13.72545

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8910.160	L-17.6398	953.9061	14.68698
SDev	115.971	2.3842	7.8962	.25857
%RSD	1.301559	13.51606	.8277723	1.760534
#1	8828.156	L-15.9540	948.3226	14.50414
#2	8992.164	L-19.3257	959.4895	14.86982

Method: STL3 Sample Name: 220-8385-A-15-C MS Operator: NP
Run Time: 03/18/09 12:09:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.77140	2446.702	36.93713	1280.685	2176.432	54.53371	H222730.5
SDev	.82430	12.406	1.31534	10.191	12.929	.19508	1311.5
%RSD	1.504989	.5070623	3.561032	.7957112	.5940317	.3577260	.5888262
#1	54.18853	2437.930	37.86722	1273.479	2167.290	54.39577	H221803.1
#2	55.35428	2455.475	36.00704	1287.891	2185.574	54.67165	H223657.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.15121	544.8026	236.4195	274.0677	2005.737	22582.85	44736.52
SDev	.22998	.0577	1.5347	1.9413	8.981	5.27	315.75
%RSD	.4409821	.0105915	.6491386	.7083231	.4477655	.0233186	.7057948
#1	51.98859	544.8434	235.3343	272.6950	1999.387	22579.12	44513.26
#2	52.31382	544.7618	237.5047	275.4404	2012.088	22586.57	44959.79

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	562.2257	1103.030	55127.39	528.5057	23.97005	58.48840	1198.876
SDev	5.1409	11.971	134.22	5.0261	.73500	1.58467	4.171
%RSD	.9143829	1.085308	.2434783	.9510091	3.066329	2.709371	.3478731
#1	558.5906	1094.565	55032.48	524.9517	23.45033	59.60893	1195.927
#2	565.8609	1111.495	55222.30	532.0598	24.48978	57.36787	1201.825

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.09159	25.39811	23.25624	58.51094	58.44206	533.6113	548.0400
SDev	11.08071	1.07819	.56360	1.83697	1.07930	2.2113	.9860
%RSD	17.56290	4.245139	2.423417	3.139540	1.846794	.4143958	.1799132
#1	55.25634	24.63572	22.85772	59.80988	59.20524	532.0477	547.3428
#2	70.92683	26.16051	23.65476	57.21201	57.67887	535.1749	548.7372

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10854.51	1090.764	1030.567	1109.794
SDev	40.87	12.822	3.255	6.222
%RSD	.3764805	1.175507	.3158124	.5606418
#1	10825.61	1081.698	1028.266	1105.395
#2	10883.40	1099.831	1032.869	1114.194

Method: STL3 Sample Name: 220-8385-A-15-A SD@5 Operator: NP
Run Time: 03/18/09 12:15:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.044535	61.13937	-9.20168	35.36303	21.10261	-.565893	41967.10
SDev	.167679	8.01099	2.72370	.91429	.03399	.000175	140.61
%RSD	376.5075	13.10284	29.59999	2.585451	.1610506	.0309756	.3350465
#1	-.163103	55.47475	-7.27574	36.00954	21.12664	-.565769	41867.68
#2	.0740318	66.80400	L-11.1276	34.71653	21.07858	-.566017	42066.53

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0954148	.8257530	4.437958	-.559726	164.1575	1540.275	6457.534
SDev	.2674904	.1020603	.121717	.000967	10.4681	12.287	3.694
%RSD	280.3447	12.35966	2.742629	.1728114	6.376881	.7977043	.0572100
#1	.2845590	.8979205	4.524025	-.560410	156.7554	1531.587	6454.921
#2	-.093729	.7535855	4.351891	-.559042	171.5596	1548.964	6460.146

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.527075	3.609823	8897.816	.1909795	1.706486	-1.02731	-.860807
SDev	.054640	2.184699	19.733	.2647525	.167521	3.32577	1.237950
%RSD	1.549169	60.52094	.2217779	138.6287	9.816698	323.7346	143.8127
#1	3.488438	5.154639	8883.862	.3781878	1.588031	1.324361	.0145559
#2	3.565711	2.065008	8911.770	.0037712	1.824941	-3.37899	-1.73617

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.250043	.3318604	2.392069	-1.88366	.6869430	1.104714	2.847983
SDev	6.004273	1.080517	.288152	6.08135	2.193673	.733301	.082213
%RSD	96.06770	325.5938	12.04613	322.8483	319.3384	66.37930	2.886709
#1	2.004381	-.432180	2.595823	2.416510	-.864218	.5861914	2.789850
#2	10.49571	1.095901	2.188315	-6.18382	2.238104	1.623236	2.906116

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1870.030	-2.01600	201.7256	3.653898
SDev	3.365	1.11261	.1752	.443320
%RSD	.1799513	55.18881	.0868727	12.13279
#1	1872.410	-2.80273	201.8495	3.967372
#2	1867.651	-1.22927	201.6017	3.340423

Method: STL3 Sample Name: 220-8397-C-1-A @10 Operator: NP
Run Time: 03/18/09 12:21:24
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.124623	38.60123	3.079302	5104.127	128.8231	-.557619	30094.71
SDev	.075162	.33430	5.496982	17.542	.8496	.013052	620.77
%RSD	60.31124	.8660258	178.5138	.3436891	.6595298	2.340659	2.062710
#1	-.177770	38.83762	6.966256	5091.722	128.2223	-.548390	29655.76
#2	-.071476	38.36485	-.807650	5116.531	129.4238	-.566848	30533.66

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.076407	2.014301	6.714806	-.957764	130.6681	66065.53	52105.51
SDev	.313269	.653732	.243737	.212451	9.8360	317.70	373.10
%RSD	409.9984	32.45454	3.629843	22.18194	7.527493	.4808875	.7160385
#1	.1451073	1.552043	6.542458	-1.10799	123.7130	66290.18	51841.69
#2	-.297922	2.476560	6.887154	-.807539	137.6232	65840.88	52369.33

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.87202	.5517194	H131469.7	1.620550	.3779427	.2741252	-1.56710
SDev	.36022	.0891713	72.0	.144407	.0239791	1.262322	.61969
%RSD	1.508969	16.16245	.0547932	8.911017	6.344648	460.4910	39.54355
#1	23.61730	.6147731	H131520.7	1.518439	.3948985	-.618471	-1.12892
#2	24.12673	.4886658	H131418.8	1.722662	.3609869	1.166721	-2.00529

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.221796	1.522579	-.194167	1.079628	-1.34030	13.83465	.8127255
SDev	8.081089	.745070	.407857	.811080	2.16616	.49445	.0002100
%RSD	129.8835	48.93476	210.0543	75.12585	161.6174	3.574030	.0258360
#1	.5076035	.9957349	.0942310	.5061082	-2.87201	13.48502	.8128740
#2	11.93599	2.049424	-.482566	1.653148	.1914056	14.18429	.8125771

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2217.014	-1.96994	647.9301	5.151125
SDev	20.496	1.11266	2.7900	.052051
%RSD	.9244904	56.48220	.4306045	1.010485
#1	2202.521	-1.18316	645.9572	5.114319
#2	2231.507	-2.75671	649.9029	5.187931

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 03/18/09 12:27:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.05110	4886.432	531.9698	512.6786	496.8811	511.0688	19547.75
SDev	.32595	41.180	6.4934	3.4284	3.3742	6.8248	366.06
%RSD	.6030372	.8427487	1.220640	.6687259	.6790775	1.335399	1.872661
#1	53.82062	4857.312	527.3782	510.2544	494.4952	506.2429	19288.90
#2	54.28158	4915.550	536.5613	515.1029	499.2671	515.8946	19806.59

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	523.4153	536.5933	530.6519	493.8583	5187.377	18895.37	18947.95
SDev	7.1066	6.4867	8.7747	2.0717	62.280	136.91	156.41
%RSD	1.357734	1.208860	1.653570	.4194992	1.200613	.7245659	.8254870
#1	518.3902	532.0065	524.4472	492.3933	5143.338	18798.56	18837.35
#2	528.4404	541.1800	536.8565	495.3232	5231.416	18992.18	19058.55

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	538.1840	525.6943	21122.21	510.8550	519.4172	510.4857	499.3601
SDev	5.3923	10.5668	126.99	10.0275	8.7766	4.3399	9.2286
%RSD	1.001934	2.010067	.6012052	1.962886	1.689702	.8501465	1.848081
#1	534.3711	518.2225	21032.41	503.7645	513.2112	507.4169	492.8345
#2	541.9969	533.1662	21212.00	517.9455	525.6232	513.5544	505.8856

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.7967	519.6005	519.3248	507.5045	516.4558	514.2054	531.0503
SDev	17.1099	4.2044	11.0594	3.0942	6.8349	5.5342	10.5499
%RSD	3.323614	.8091605	2.129581	.6096799	1.323421	1.076270	1.986608
#1	502.6983	516.6276	511.5045	505.3166	511.6228	510.2922	523.5905
#2	526.8953	522.5735	527.1450	509.6924	521.2888	518.1188	538.5103

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	570.6282	507.7316	517.0424	512.2621
SDev	4.9048	9.8965	4.0394	5.1841
%RSD	.8595398	1.949159	.7812443	1.011993
#1	574.0964	500.7337	514.1862	508.5964
#2	567.1600	514.7295	519.8987	515.9277

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 03/18/09 12:32:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1148481	24.73344	-7.07297	6.958227	.0000000	-.438738	-3.02389
SDev	.0233681	1.18247	1.58765	.582230	.0097100	.129249	.68423
%RSD	20.34696	4.780846	22.44679	8.367506	298e6	29.45920	22.62741
#1	.1313719	25.56958	-5.95033	7.369926	.0068660	-.347345	-3.50771
#2	.0983244	23.89731	-8.19561	6.546528	-.006866	-.530130	-2.54007

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0610038	.3754385	-.465018	-1.40985	5.926642	17.37618	1.391909
SDev	.0129430	.0288093	.475221	.11723	5.234005	3.51053	.984647
%RSD	21.21676	7.673492	102.1942	8.315155	88.31316	20.20312	70.74073
#1	.0701559	.3550673	-.801049	-1.32695	2.225642	19.85850	.6956587
#2	.0518517	.3958097	-.128986	-1.49274	9.627643	14.89386	2.088159

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.185127	2.553674	-15.0708	-.466897	-.328417	-.871890	2.960796
SDev	.065521	1.805720	.2060	.517837	.499376	1.138215	2.156979
%RSD	35.39254	70.71069	1.367112	110.9104	152.0556	130.5457	72.85131
#1	-.138797	3.830511	-14.9252	-.833063	-.681529	-1.67673	4.486011
#2	-.231458	1.276837	-15.2165	-.100731	.0246954	-.067051	1.435582

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.531844	-2.99641	1.002981	-2.76141	2.911630	1.077935	-.177271
SDev	1.691641	.39662	.946704	2.11307	.814430	.384166	.577810
%RSD	25.89837	13.23658	94.38897	76.52144	27.97162	35.63907	325.9466
#1	7.728015	-2.71596	.3335608	-4.25558	3.487519	1.349581	-.585845
#2	5.335673	-3.27687	1.672402	-1.26724	2.335741	.8062883	.2313020

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.069486	3.125687	.0208650	.1993054
SDev	3.746100	3.434263	.0000144	.1776364
%RSD	5391.137	109.8723	.0688685	89.12772
#1	2.579406	5.554077	.0208752	.3249133
#2	-2.71838	.6972961	.0208549	.0736975

Method: STL3 Sample Name: 220-8234-F-1-A @50 Operator: NP
Run Time: 03/18/09 12:38:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0738616	34.16421	-5.97794	30.47489	5.166655	-.548420	5461.990
SDev	.0461563	.45952	1.16949	.70640	.004855	.154937	19.159
%RSD	62.49019	1.345035	19.56340	2.317987	.0939741	28.25162	.3507608
#1	.0412242	34.48914	-6.80490	29.97539	5.163221	-.657977	5448.443
#2	.1064990	33.83928	-5.15099	30.97439	5.170088	-.438862	5475.537

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.073461	.1356465	.0338918	-1.27566	25.05919	3330.023	8935.671
SDev	.058251	.1614847	.2806179	.07029	3.80195	19.308	14.775
%RSD	79.29484	119.0482	827.9812	5.510016	15.17188	.5798112	.1653448
#1	-.032271	.0214596	-.164535	-1.22595	27.74757	3343.676	8946.118
#2	-.114650	.2498335	.2323186	-1.32536	22.37080	3316.371	8925.224

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.249240	.4571391	63443.52	.0723212	-.293889	-.954827	-1.03343
SDev	.054704	.8917136	137.37	.8415809	.216491	1.577404	1.01618
%RSD	1.683586	195.0640	.2165309	1163.671	73.66415	165.2032	98.33106
#1	3.210559	1.087676	63540.65	.6674087	-.446972	.1605666	-.314881
#2	3.287921	-.173398	63346.38	-.522766	-.140807	-2.07022	-1.75198

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.660290	-1.80928	.4620204	-1.58462	.3056551	1.092522	.6382595
SDev	4.074769	.48966	.5689664	1.60063	1.530873	1.451208	.9070451
%RSD	47.05119	27.06375	123.1475	101.0105	500.8498	132.8310	142.1123
#1	11.54159	-1.46304	.0597004	-.452803	1.388146	.0663630	-.003118
#2	5.778993	-2.15552	.8643404	-2.71644	-.776836	2.118680	1.279637

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	60.74688	-.359130	67.16042	.1015513
SDev	.98646	1.812534	.10967	.0118458
%RSD	1.623886	504.7021	.1632888	11.66490
#1	61.44441	.9225256	67.23797	.0931750
#2	60.04934	-1.64078	67.08288	.1099275

Method: STL3 Sample Name: 220-8234-E-1-A @50 Operator: NP
Run Time: 03/18/09 12:44:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0534520	21.53007	-8.44039	28.66964	5.101428	-.521022	5417.236
SDev	.2606375	1.41191	.38320	.64399	.029130	.064639	35.922
%RSD	487.6102	6.557845	4.540102	2.246250	.5710142	12.40617	.6631042
#1	-.130847	22.52844	-8.16943	28.21427	5.122026	-.475315	5391.836
#2	.2377506	20.53170	-8.71136	29.12501	5.080830	-.566728	5442.637

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.068172	.4842316	.2319807	-1.10069	17.64143	3286.583	8889.001
SDev	.135954	.0648138	.2436694	.08259	2.03111	.000	1.971
%RSD	199.4295	13.38488	105.0386	7.503438	11.51331	.0000000	.0221710
#1	-.164306	.5300618	.4042810	-1.04229	19.07765	3286.583	8890.395
#2	.0279626	.4384013	.0596804	-1.15909	16.20522	3286.583	8887.607

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.110257	.7408806	63100.38	-.205911	.7893823	-1.80876	-.698308
SDev	.054560	.1783430	115.02	.108670	.6917480	.25272	2.431472
%RSD	1.754210	24.07175	.1822780	52.77542	87.63155	13.97179	348.1947
#1	3.148837	.6147731	63019.05	-.129069	1.278522	-1.63006	1.021002
#2	3.071677	.8669881	63181.71	-.282753	.3002426	-1.98746	-2.41762

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.979746	1.118078	.6245812	-1.69046	-2.04671	.3764272	-.234953
SDev	1.000208	2.050957	.0133037	1.53652	2.31875	.1323104	.494239
%RSD	25.13246	183.4359	2.130025	90.89343	113.2914	35.14899	210.3567
#1	4.687000	2.568324	.6339883	-.603979	-3.68631	.2828696	-.584433
#2	3.272492	-.332167	.6151740	-2.77695	-.407109	.4699848	.1145270

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	50.84576	2.226070	66.65024	-.247432
SDev	.09204	4.261028	.07489	.011346
%RSD	.1810140	191.4148	.1123635	4.585428
#1	50.78068	5.239072	66.59728	-.239409
#2	50.91084	-.786932	66.70319	-.255454

Method: STL3 Sample Name: 220-8359-A-4-D Operator: NP
Run Time: 03/18/09 12:50:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1408407	82715.59	15.09169	47.93616	391.6633	5.515611	11455.94
SDev	.0158717	263.82	.01939	1.52425	3.8937	.039597	99.38
%RSD	11.26928	.3189515	.1284830	3.179747	.9941515	.7179041	.8675298
#1	.1520637	82529.04	15.07798	46.85835	388.9100	5.487612	11385.67
#2	.1296177	82902.14	15.10540	49.01396	394.4166	5.543610	11526.22

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.61987	44.34618	95.56167	91.45410	H111167.8	4104.505	16200.34
SDev	.24819	.11659	.48293	.66074	549.7	8.776	64.61
%RSD	4.416347	.2629080	.5053610	.7224869	.4944711	.2138137	.3988218
#1	-5.44437	44.26374	95.22018	90.98689	H110779.1	4098.300	16154.66
#2	-5.79537	44.42862	95.90315	91.92132	H111556.5	4110.711	16246.03

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2784.827	2.837416	664.3957	84.00178	108.7584	5.534541	-2.69578
SDev	13.971	.824835	7.1655	2.05092	.0955	2.127289	1.60923
%RSD	.5016663	29.06994	1.078499	2.441517	.0878478	38.43658	59.69457
#1	2774.948	3.420662	659.3289	82.55157	108.6908	7.038762	-3.83368
#2	2794.706	2.254169	669.4625	85.45200	108.8259	4.030321	-1.55788

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23.30371	109.4468	108.4139	3.687921	9.232326	124.2871	327.7881
SDev	.66722	.6718	.4786	2.635264	1.109812	.9480	2.2718
%RSD	2.863151	.6137726	.4414658	71.45664	12.02094	.7627681	.6930738
#1	23.77550	109.9218	108.0755	5.551334	10.01708	123.6167	326.1817
#2	22.83191	108.9718	108.7523	1.824508	8.447571	124.9574	329.3945

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4899.773	4.332312	121.1066	948.8487
SDev	24.746	.429074	.4266	3.9913
%RSD	.5050503	9.904054	.3522284	.4206497
#1	4882.275	4.028910	120.8050	946.0265
#2	4917.272	4.635713	121.4083	951.6711

Method: STL3 Sample Name: 220-8359-A-6-D Operator: NP
Run Time: 03/18/09 12:55:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3884097	33088.00	6.839473	10.71061	198.3000	1.455953	7820.865
SDev	.1506732	147.86	.617246	.20969	.3641	.025667	5.474
%RSD	38.79233	.4468770	9.024760	1.957788	.1836190	1.762930	.0699861
#1	.2818677	32983.44	6.403014	10.85889	198.0425	1.474103	7824.736
#2	.4949517	33192.55	7.275931	10.56234	198.5574	1.437804	7816.995

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.42665	27.23638	71.66885	76.85150	70647.83	4805.759	10733.42
SDev	.02244	.16658	.07364	.12990	243.91	7.021	25.37
%RSD	.9246346	.6115956	.1027565	.1690290	.3452444	.1460956	.2363923
#1	-2.44251	27.35416	71.72092	76.75965	70475.36	4810.724	10715.48
#2	-2.41078	27.11859	71.61678	76.94336	70820.30	4800.794	10751.36

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1167.693	2.159589	482.4125	82.08830	256.4219	2.790714	2.239188
SDev	1.135	.668786	1.1218	.78529	.4047	3.670480	.918782
%RSD	.0972058	30.96819	.2325294	.9566383	.1578159	131.5248	41.03194
#1	1166.890	2.632491	483.2057	82.64359	256.7080	.1952930	2.888865
#2	1168.496	1.686686	481.6193	81.53302	256.1357	5.386136	1.589510

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.77332	253.9745	257.6430	2.068387	4.236338	92.77329	217.5725
SDev	.00120	1.1558	.0297	5.148592	.709818	.55821	.4777
%RSD	.0101897	.4550777	.0115248	248.9182	16.75546	.6016930	.2195435
#1	11.77417	254.7918	257.6640	-1.57222	3.734421	93.16800	217.2347
#2	11.77247	253.1573	257.6220	5.708991	4.738255	92.37857	217.9102

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3681.510	4.803591	34.66050	2397.054
SDev	3.237	1.468221	.00852	.548
%RSD	.0879179	30.56508	.0245766	.0228516
#1	3679.221	3.765402	34.65448	2396.667
#2	3683.798	5.841780	34.66652	2397.442

Method: STL3 Sample Name: 220-8359-A-9-D Operator: NP
Run Time: 03/18/09 13:01:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.412863	H102422.3	4.981262	4316.671	2737.057	247.9158	47479.17
SDev	.078328	103.2	2.498712	3.125	4.923	1.8512	547.21
%RSD	3.246256	.1007691	50.16222	.0723940	.1798644	.7467063	1.152525
#1	2.357477	H102495.3	6.748118	4314.461	2740.538	246.6068	47092.23
#2	2.468249	H102349.3	3.214406	4318.880	2733.576	249.2248	47866.11

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-23.7642	1731.769	2193.040	33865.73	H966791.4	13056.97	48938.27
SDev	.2089	17.465	18.962	8.22	3561.1	24.57	213.97
%RSD	.8791341	1.008506	.8646395	.0242645	.3683398	.1882063	.4372219
#1	L-23.9119	1719.419	2179.632	33871.54	H964273.4	13074.35	48786.97
#2	L-23.6164	1744.118	2206.448	33859.91	H969309.5	13039.59	49089.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10575.13	697.7994	28002.52	3867.124	21491.67	5.058286	20.04003
SDev	71.03	3.5222	88.64	6.278	183.63	4.720737	.79667
%RSD	.6716869	.5047641	.3165468	.1623471	.8544093	93.32680	3.975398
#1	10524.91	695.3088	28065.20	3862.684	21361.82	8.396351	20.60337
#2	10625.36	700.2900	27939.84	3871.563	21621.51	1.720221	19.47670

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	73.87643	21489.06	21492.97	L-16.8604	48.96043	174.9801	H174091.4
SDev	11.35323	115.72	217.53	6.9034	.34870	.5070	2416.2
%RSD	15.36787	.5385180	1.012088	40.94444	.7122038	.2897428	1.387908
#1	81.90437	21407.23	21339.15	L-11.9790	49.20700	174.6216	H172382.9
#2	65.84848	21570.89	21646.78	L-21.7419	48.71387	175.3386	H175800.0

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4077.476	11304.22	604.1552	3811.360
SDev	22.319	106.39	.5390	13.163
%RSD	.5473667	.9411278	.0892234	.3453748
#1	4061.695	11228.99	603.7740	3802.052
#2	4093.258	11379.44	604.5363	3820.668

Method: STL3 Sample Name: 220-8359-A-11-D Operator: NP
Run Time: 03/18/09 13:07:22
Comment: 6010
Mode: CONC Corr. Factor: 1

1:2 dil
MA 3/18/09

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.340013	64108.65	25.30080	1929.291	1429.121	43.74622	30288.00
SDev	.054415	134.15	4.54653	6.972	.359	.46890	385.39
%RSD	2.325405	.2092520	17.96990	.3613617	.0251439	1.071869	1.272422
#1	2.301536	64013.79	22.08592	1924.361	1428.867	43.41465	30015.48
#2	2.378490	64203.51	28.51568	1934.220	1429.375	44.07778	30560.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-18.7371	1034.721	1749.153	16108.62	H586092.6	10435.65	38846.48
SDev	2.0392	12.907	17.684	33.31	5275.3	31.59	243.98
%RSD	10.88313	1.247343	1.011031	.2067835	.9000766	.3027574	.6280607
#1	L-17.2952	1025.594	1736.648	16085.07	H582362.4	10413.31	38673.96
#2	L-20.1790	1043.847	1761.658	16132.18	H589822.8	10457.99	39019.00

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6186.289	386.8659	12896.19	1734.206	9917.502	6.816597	17.46577
SDev	65.618	3.5891	38.21	8.017	109.998	1.677372	1.91837
%RSD	1.060700	.9277470	.2962785	.4622723	1.109129	24.60717	10.98358
#1	6139.890	384.3280	12869.17	1728.537	9839.722	8.002678	16.10928
#2	6232.688	389.4038	12923.20	1739.875	9995.282	5.630516	18.82226

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.79402	9915.953	9918.273	L-10.3989	41.29819	159.9567	H108024.2
SDev	2.53381	66.842	131.543	1.8870	1.25772	2.0742	1517.0
%RSD	4.624249	.6740886	1.326272	18.14570	3.045464	1.296748	1.404339
#1	53.00235	9868.689	9825.259	-9.06462	42.18753	158.4900	H106951.5
#2	56.58570	9963.218	10011.29	L-11.7332	40.40884	161.4234	H109096.9

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4455.811	5955.533	261.1542	2164.406
SDev	37.771	47.631	1.3157	16.618
%RSD	.8476757	.7997824	.5037954	.7677640
#1	4429.103	5921.853	260.2239	2152.655
#2	4482.519	5989.214	262.0845	2176.156

Method: STL3 Sample Name: MB 220-25000/1-A Operator: NP
Run Time: 03/18/09 13:15:12
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0083238	22.52156	-8.45517	13.64867	-.006866	-.557297	L-15.2404
SDev	.0811886	.01598	.40920	1.57604	.038840	.013144	.5132
%RSD	975.3744	.0709335	4.839632	11.54718	565.6857	2.358603	3.367177
#1	.0657328	22.53286	-8.74452	14.76309	-.034330	-.548002	L-15.6033
#2	-.049085	22.51027	-8.16583	12.53424	.0205980	-.566591	L-14.8775

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.052305	.4417186	-.111909	-1.26806	43.54263	17.37622	1.043882
SDev	.042241	.3927802	.073362	.01209	26.48653	7.02106	1.970062
%RSD	80.75816	88.92091	65.55489	.9537030	60.82896	40.40617	188.7246
#1	-.022436	.1639810	-.163783	-1.27661	62.27143	12.41157	-.349162
#2	-.082174	.7194561	-.060034	-1.25951	24.81382	22.34086	2.436927

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.146590	2.380276	8.709028	.1841251	1.494192	.3099884	-2.37787
SDev	.010833	.579614	4.487032	.7955439	.668213	1.172990	.19453
%RSD	7.390226	24.35070	51.52162	432.0670	44.72069	378.3979	8.180758
#1	-.138930	2.790125	11.88184	-.378409	1.966690	1.139417	-2.51543
#2	-.154250	1.970427	5.536217	.7466596	1.021694	-.519441	-2.24032

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.670964	.4628733	2.008479	.4989804	-.069564	.5221898	5.182095
SDev	3.389335	.3577142	1.180408	1.857010	.197105	.8811212	.575055
%RSD	59.76647	77.28122	58.77122	372.1609	283.3435	168.7358	11.09695
#1	8.067586	.2099312	2.843153	1.812085	-.208938	-.100857	5.588720
#2	3.274342	.7158155	1.173805	-.814124	.0698103	1.145237	4.775470

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	44.32932	59.15857	-.154206	1.034148
SDev	1.15787	43.43694	.021002	.579176
%RSD	2.611983	73.42460	13.61944	56.00511
#1	45.14806	89.87312	-.169056	1.443688
#2	43.51058	28.44401	-.139355	.6246092

Method: STL3 Sample Name: LCS 220-25000/2-A Operator: NP
Run Time: 03/18/09 13:20:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	314.2987	5828.807	1039.495	1091.738	298.6361	111.1932	31585.00
SDev	3.7258	47.172	4.746	13.208	.8448	1.0617	514.20
%RSD	1.185425	.8092867	.4565718	1.209807	.2828729	.9548259	1.627981
#1	311.6642	5795.451	1036.139	1082.399	298.0387	110.4424	31221.41
#2	316.9332	5862.162	1042.851	1101.078	299.2334	111.9439	31948.60

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	315.2532	324.7921	324.3721	300.4402	25815.12	18520.54	15037.23
SDev	3.2615	5.5306	4.0094	1.3749	333.01	38.61	70.20
%RSD	1.034572	1.702818	1.236047	.4576344	1.289996	.2084964	.4668574
#1	312.9470	320.8813	321.5371	299.4681	25579.65	18493.24	14987.59
#2	317.5595	328.7028	327.2072	301.4125	26050.60	18547.85	15086.88

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	219.0640	1145.748	30008.12	310.5688	1040.526	513.9456	1090.532
SDev	2.6089	13.041	119.64	1.5851	9.049	6.1517	9.687
%RSD	1.190932	1.138238	.3986892	.5103857	.8696746	1.196953	.8883040
#1	217.2192	1136.527	29923.53	309.4480	1034.127	509.5957	1083.682
#2	220.9087	1154.970	30092.72	311.6897	1046.925	518.2955	1097.382

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1039.124	1045.857	1037.864	511.4147	519.0139	317.5316	324.5155
SDev	13.647	4.789	11.176	4.6588	9.1422	3.7561	2.8656
%RSD	1.313271	.4578551	1.076864	.9109582	1.761446	1.182918	.8830485
#1	1029.474	1042.471	1029.961	508.1204	512.5494	314.8755	322.4892
#2	1048.773	1049.243	1045.767	514.7089	525.4784	320.1875	326.5418

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1165.961	1144.589	-.574136	1122.863
SDev	14.661	3.166	.001809	9.804
%RSD	1.257379	.2766220	.3151678	.8731352
#1	1155.595	1142.350	-.575415	1115.931
#2	1176.328	1146.828	-.572856	1129.796

Method: STL3 Sample Name: 220-8265-C-1-A Operator: NP
Run Time: 03/18/09 13:26:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1159377	135.4188	-4.67929	18.47680	48.31938	-.556813	15089.45
SDev	.0113723	.9749	.52349	1.03988	.05340	.038893	135.99
%RSD	9.808977	.7199022	11.18742	5.628019	.1105211	6.984962	.9012278
#1	.1078962	136.1081	-4.30913	19.21211	48.28162	-.529312	14993.29
#2	.1239791	134.7295	-5.04946	17.74150	48.35714	-.584315	15185.61

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1140175	2.859755	6.307595	22.70324	447.4822	1162.964	4855.334
SDev	.0165759	.356586	.792178	.18940	9.5678	8.776	17.732
%RSD	14.53802	12.46910	12.55911	.8342565	2.138151	.7546455	.3651969
#1	.1022966	2.607610	5.747440	22.56931	440.7167	1156.758	4842.796
#2	.1257384	3.111899	6.867749	22.83716	454.2477	1169.170	4867.872

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.582119	3.562533	34915.62	8.084936	8.202331	1.104023	1.366914
SDev	.065499	1.850306	28.16	.793547	.524511	3.382078	.418792
%RSD	.7632019	51.93793	.0806436	9.815126	6.394656	306.3413	30.63775
#1	8.535805	4.870897	34895.71	7.523814	8.573215	3.495513	1.663044
#2	8.628434	2.254169	34935.53	8.646058	7.831445	-1.28747	1.070783

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.730727	7.893041	8.355944	1.819406	-.329992	.7315071	47.58431
SDev	3.541377	.045784	.763516	2.901589	4.344641	.1108917	.90758
%RSD	94.92458	.5800504	9.137397	159.4800	1316.590	15.15935	1.907309
#1	1.226595	7.925415	8.895831	3.871139	2.742133	.6530948	46.94256
#2	6.234858	7.860667	7.816057	-.232327	-3.40212	.8099194	48.22607

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4205.800	5.521444	126.4209	3.233120
SDev	15.839	1.398737	.3586	.470874
%RSD	.3766019	25.33281	.2836281	14.56407
#1	4194.600	4.532388	126.1674	3.566078
#2	4217.000	6.510501	126.6744	2.900162

Method: STL3 Sample Name: 220-8265-C-1-B DU Operator: NP
Run Time: 03/18/09 13:32:25
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2181460	145.8266	-3.96706	14.33600	49.69257	-.556912	15439.25
SDev	.1332200	8.1211	1.49291	.60302	.20877	.116383	19.33
%RSD	61.06921	5.569019	37.63264	4.206367	.4201133	20.89791	.1251922
#1	.1239452	151.5691	-5.02271	14.76241	49.84020	-.639207	15425.58
#2	.3123467	140.0841	-2.91141	13.90960	49.54496	-.474617	15452.92

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.029586	2.669709	8.556910	23.77124	598.9747	1200.199	4996.735
SDev	.009997	.098606	.292621	.33016	15.7092	1.755	8.866
%RSD	33.78949	3.693496	3.419706	1.388906	2.622677	.1462395	.1774312
#1	-.036655	2.739433	8.763825	24.00470	587.8667	1201.440	4990.466
#2	-.022517	2.599984	8.349996	23.53778	610.0828	1198.957	5003.004

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.929508	1.875847	35814.46	9.022398	9.317100	.4494956	-.632464
SDev	.054533	.222929	98.85	.940867	.235136	1.649604	2.355652
%RSD	.6107014	11.88416	.2760095	10.42812	2.523707	366.9900	372.4561
#1	8.890947	2.033481	35884.36	9.687691	9.483366	-.716951	1.033233
#2	8.968068	1.718213	35744.56	8.357104	9.150833	1.615942	-2.29816

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.854546	7.725312	10.11100	.7521736	-.157971	1.744415	48.91959
SDev	5.149625	1.626910	.45971	3.179806	1.415396	.445951	.66019
%RSD	65.56235	21.05947	4.546614	422.7490	895.9868	25.56449	1.349532
#1	11.49588	8.875711	9.785938	-1.49629	.8428653	2.059751	49.38641
#2	4.213211	6.574913	10.43606	3.000636	-1.15881	1.429081	48.45276

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4337.928	.9826380	130.2202	3.244925
SDev	22.566	2.734206	.0206	.073139
%RSD	.5202093	278.2516	.0158256	2.253954
#1	4321.971	2.916014	130.2057	3.193208
#2	4353.885	-.950738	130.2348	3.296642

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 03/18/09 13:38:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.80495	4833.050	529.5602	498.1049	492.0303	508.9931	19542.79
SDev	.04695	9.987	1.0647	1.5569	1.7090	1.0728	49.09
%RSD	.0872664	.2066437	.2010487	.3125594	.3473333	.2107624	.2512139
#1	53.77175	4840.112	530.3130	497.0040	493.2387	508.2345	19508.07
#2	53.83815	4825.988	528.8073	499.2058	490.8219	509.7516	19577.50

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	521.3683	535.2838	528.4630	483.4703	5167.551	18571.43	18787.56
SDev	1.6281	.9597	.4387	.8508	7.921	57.92	.50
%RSD	.3122840	.1792824	.0830071	.1759693	.1532790	.3118951	.0026464
#1	520.2170	534.6052	528.1528	484.0719	5173.151	18530.47	18787.21
#2	522.5195	535.9623	528.7732	482.8687	5161.950	18612.39	18787.91

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	536.3624	522.1949	20880.31	509.0422	514.6262	503.3081	495.8915
SDev	.7204	4.7261	45.83	.3757	2.6221	3.6925	6.4403
%RSD	.1343121	.9050454	.2194992	.0737998	.5095129	.7336549	1.298725
#1	535.8530	518.8530	20847.90	508.7765	512.7721	500.6970	491.3375
#2	536.8718	525.5367	20912.72	509.3078	516.4803	505.9191	500.4454

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.1103	511.9647	515.9543	500.1263	509.6800	512.2335	530.8187
SDev	3.6917	2.4271	2.7194	3.8403	3.3967	.3888	.6587
%RSD	.7237152	.4740793	.5270640	.7678567	.6664322	.0759056	.1240963
#1	507.4998	510.2485	514.0314	497.4109	507.2782	511.9586	530.3529
#2	512.7208	513.6810	517.8772	502.8418	512.0819	512.5084	531.2845

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	546.0208	509.2983	511.9551	506.4849
SDev	2.3680	2.6394	.0452	.2550
%RSD	.4336777	.5182327	.0088263	.0503558
#1	547.6952	507.4320	511.9232	506.3046
#2	544.3464	511.1646	511.9871	506.6653

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 03/18/09 13:43:55
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2009267	32.39789	-6.55042	2.435732	.0137320	-.584949	2.177199
SDev	.1447157	.51848	.12484	.333560	.0194199	.051779	.855285
%RSD	72.02412	1.600344	1.905795	13.69443	141.4213	8.851798	39.28373
#1	.0985973	32.76451	-6.63870	2.671594	.0000000	-.621562	2.781977
#2	.3032562	32.03127	-6.46215	2.199870	.0274640	-.548336	1.572421

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2134865	-.017630	.3019172	-1.54336	13.34966	35.99354	3.482043
SDev	.0983884	.062971	.4140854	.11826	9.30772	5.26577	2.462803
%RSD	46.08648	357.1891	137.1520	7.662512	69.72256	14.62978	70.72870
#1	.1439154	-.062157	.0091146	-1.62698	6.768104	32.27007	1.740578
#2	.2830576	.0268977	.5947198	-1.45973	19.93121	39.71700	5.223508

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.107950	2.790125	-36.2769	-.169746	.6688949	1.749939	3.403520
SDev	.021724	1.203814	.5723	.698066	.1339107	2.203550	3.171333
%RSD	20.12451	43.14550	1.577654	411.2418	20.01968	125.9216	93.17802
#1	-.123312	3.641350	-35.8722	-.663353	.7635841	3.308084	5.645991
#2	-.092589	1.938901	-36.6815	.3238614	.5742058	.1917934	1.161049

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.574889	-2.02041	2.010880	1.297887	2.654399	1.080309	.3472779
SDev	2.307025	.96807	.282471	3.029743	.548683	1.160324	.1642808
%RSD	50.42800	47.91443	14.04713	233.4367	20.67071	107.4067	47.30528
#1	6.206202	-1.33588	1.811142	3.440238	3.042377	1.900782	.4634419
#2	2.943576	-2.70493	2.210617	-.844465	2.266422	.2598358	.2311138

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.96623	6.026388	.0177842	.2538431
SDev	.68507	2.766411	.0041846	.1622455
%RSD	17.27247	45.90495	23.52981	63.91568
#1	-3.48182	7.982536	.0207431	.3685680
#2	-4.45064	4.070240	.0148252	.1391182

Method: STL3 Sample Name: 220-8265-C-1-C MS Operator: NP
Run Time: 03/18/09 13:49:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.40829	2683.740	36.05973	1090.938	1993.786	54.52409	25783.61
SDev	.24364	22.389	1.49122	7.617	6.253	.31114	160.96
%RSD	.4739258	.8342402	4.135414	.6981847	.3136353	.5706459	.6242913
#1	51.23601	2667.909	37.11418	1085.552	1989.365	54.30408	25669.79
#2	51.58056	2699.571	35.00528	1096.324	1998.208	54.74410	25897.43

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.66409	541.0403	220.8739	266.4039	1921.428	11242.40	14903.70
SDev	.34923	1.7238	1.1090	1.7090	.151	77.23	50.25
%RSD	.6631315	.3186143	.5020904	.6415259	.0078706	.6869655	.3371794
#1	52.41714	539.8214	220.0897	265.1954	1921.321	11187.79	14868.17
#2	52.91103	542.2593	221.6581	267.6124	1921.535	11297.01	14939.24

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	550.7330	1124.736	44608.19	524.1442	29.32456	52.93229	1178.583
SDev	2.0740	2.631	275.86	2.7202	.69573	1.34431	10.297
%RSD	.3765846	.2338774	.6184067	.5189766	2.372504	2.539679	.8736744
#1	549.2665	1122.876	44413.12	522.2208	29.81652	51.98172	1171.303
#2	552.1995	1126.596	44803.25	526.0677	28.83261	53.88286	1185.865

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.60411	28.56473	29.70306	53.62638	51.54103	521.4858	581.7513
SDev	8.68564	1.12610	1.60521	1.96270	.10569	2.4263	2.0600
%RSD	15.62051	3.942281	5.404175	3.659947	.2050536	.4652624	.3541019
#1	61.74579	27.76845	30.83811	52.23854	51.46630	519.7701	580.2947
#2	49.46243	29.36100	28.56801	55.01422	51.61577	523.2014	583.2079

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5883.366	1120.613	127.5722	1102.439
SDev	36.245	4.680	.5135	5.193
%RSD	.6160605	.4176600	.4025412	.4710139
#1	5857.737	1117.304	127.2091	1098.768
#2	5908.995	1123.923	127.9353	1106.111

Method: STL3 Sample Name: 220-8265-C-1-A SD@5 Operator: NP
Run Time: 03/18/09 13:55:24
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1521621	45.82078	-7.41063	6.830806	9.722237	-.484195	3018.446
SDev	.0287121	3.25816	.66820	1.411651	.009710	.064674	24.290
%RSD	18.86944	7.110667	9.016807	20.66595	.0998737	13.35706	.8047204
#1	.1318596	43.51691	-7.88312	7.828993	9.715370	-.438464	3001.270
#2	.1724647	48.12465	-6.93814	5.832618	9.729102	-.529927	3035.622

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0703777	.7921511	1.154782	3.325399	91.81979	217.2024	967.3391
SDev	.4314457	.1594017	.329075	.236659	5.82221	5.2658	9.6045
%RSD	613.0435	20.12263	28.49674	7.116717	6.340910	2.424363	.9928746
#1	-.234701	.6794371	.9220911	3.158056	95.93672	213.4790	960.5477
#2	.3754559	.9048651	1.387474	3.492743	87.70287	220.9259	974.1305

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.535854	4.366467	7173.168	1.690578	2.965101	1.067869	2.684449
SDev	.010903	2.229284	6.501	.397130	2.430916	.189028	3.144118
%RSD	.7098851	51.05464	.0906347	23.49079	81.98426	17.70141	117.1234
#1	1.528145	5.942810	7177.765	1.409765	1.246184	1.201532	4.907676
#2	1.543564	2.790125	7168.571	1.971391	4.684019	.9342060	.4612219

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.012803	2.341029	3.275971	.8918360	1.419362	.4502077	9.491539
SDev	4.616573	1.191184	3.049995	.3629354	1.294754	.1537192	.248585
%RSD	76.77904	50.88293	93.10203	40.69531	91.22080	34.14407	2.619022
#1	9.277213	1.498734	1.119298	.6352019	2.334891	.5589036	9.315762
#2	2.748393	3.183323	5.432643	1.148470	.5038331	.3415118	9.667316

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	840.0912	3.195755	25.41255	.9595595
SDev	4.7310	.668211	.08354	.2896796
%RSD	.5631505	20.90934	.3287397	30.18881
#1	836.7459	3.668251	25.35347	1.164394
#2	843.4365	2.723258	25.47162	.7547251

Method: STL3 Sample Name: 220-8265-E-1-A Operator: NP
Run Time: 03/18/09 14:01:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0828445	29.78978	-5.82231	10.53573	47.27232	-.511866	14828.06
SDev	.1389945	.52408	2.19329	.58180	.46608	.051801	118.71
%RSD	167.7776	1.759276	37.67044	5.522142	.9859372	10.12003	.8006071
#1	-.015439	29.41919	-4.27142	10.94712	46.94275	-.475237	14744.12
#2	.1811284	30.16036	-7.37320	10.12433	47.60188	-.548494	14912.01

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.140992	1.964094	.7155186	22.51230	16.50655	1109.594	4848.361
SDev	.253741	.261418	.2191637	.15336	6.98659	7.021	46.299
%RSD	179.9685	13.30984	30.63004	.6812121	42.32613	.6327620	.9549324
#1	.0384301	2.148944	.8704907	22.40386	11.56629	1104.630	4815.623
#2	-.320414	1.779244	.5605465	22.62074	21.44682	1114.559	4881.100

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.517132	1.576342	34932.32	4.317840	6.566720	-.768407	-.223201
SDev	.065571	.200636	18.40	.165909	1.905123	2.192639	.567331
%RSD	.8722882	12.72792	.0526850	3.842413	29.01178	285.3488	254.1792
#1	7.470766	1.434471	34945.34	4.200524	5.219595	.7820234	.1779625
#2	7.563498	1.718213	34919.31	4.435155	7.913845	-2.31884	-.624365

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.584703	5.379475	7.158654	-1.25500	.2052394	1.288814	43.81611
SDev	2.157202	2.188389	1.763702	2.70998	1.156414	.940929	.49379
%RSD	47.05215	40.68035	24.63734	215.9343	563.4463	73.00736	1.126969
#1	3.059331	3.832050	5.911529	.6612422	1.022948	.6234765	43.46695
#2	6.110075	6.926899	8.405780	-3.17124	-.612469	1.954151	44.16528

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4106.510	2.159073	125.7043	.2033419
SDev	21.917	2.257771	.1110	.0079435
%RSD	.5337059	104.5713	.0882837	3.906460
#1	4091.012	.5625881	125.6258	.2089588
#2	4122.007	3.755558	125.7828	.1977250

Method: STL3 Sample Name: 220-8265-C-2-A Operator: NP
Run Time: 03/18/09 14:06:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0487413	35.71174	-8.75224	31.49811	64.39952	-.520846	15271.61
SDev	.0463493	4.31853	.33590	.74568	.42239	.038842	130.86
%RSD	95.09242	12.09275	3.837863	2.367396	.6558832	7.457548	.8568729
#1	.0815152	32.65808	-8.98975	30.97083	64.10085	-.493380	15179.08
#2	.0159674	38.76540	-8.51472	32.02539	64.69819	-.548311	15364.14

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.063625	.4112146	.9977516	-.767335	58.34436	1483.182	4453.971
SDev	.062589	.0975656	.3778929	.224172	17.13585	5.266	24.876
%RSD	98.37174	23.72621	37.87445	29.21439	29.37019	.3550365	.5585082
#1	-.107882	.3422253	.7305410	-.925849	46.22748	1479.459	4436.381
#2	-.019368	.4802039	1.264962	-.608822	70.46124	1486.906	4471.561

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	66.48009	1.166493	51196.07	1.962270	1.450845	.7146437	.7201059
SDev	.43666	.111464	161.94	.230966	.510019	3.006779	.9159738
%RSD	.6568286	9.555502	.3163212	11.77037	35.15328	420.7382	127.1999
#1	66.17133	1.245310	51081.56	2.125588	1.811483	2.840757	1.367797
#2	66.78886	1.087676	51310.58	1.798952	1.090206	-1.41147	.0724147

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.990424	1.430735	1.460284	1.643864	-1.14769	.2511293	6.458624
SDev	3.146434	3.024793	.745482	3.670080	1.67833	.9374915	.081744
%RSD	52.52439	211.4153	51.05048	223.2594	146.2354	373.3103	1.265662
#1	8.215288	3.569586	.9331490	4.239003	.0390676	-.411777	6.400822
#2	3.765559	-.708117	1.987420	-.951275	-2.33444	.9140359	6.516426

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5428.456	.3839231	144.9691	.4418178
SDev	23.411	.6355212	.4553	.0772407
%RSD	.4312677	165.5334	.3140888	17.48249
#1	5411.901	.8333045	144.6471	.3872004
#2	5445.010	-.065458	145.2911	.4964352

Method: STL3 Sample Name: 220-8265-D-2-A Operator: NP
Run Time: 03/18/09 14:12:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0242697	25.81584	-4.11644	32.36851	64.86298	-.466173	15708.62
SDev	.1969240	1.84288	1.95373	.06198	.48550	.038773	224.77
%RSD	811.4000	7.138552	47.46160	.1914849	.7484999	8.317252	1.430867
#1	-.114977	24.51273	-5.49793	32.32468	64.51968	-.493590	15549.68
#2	.1635159	27.11896	-2.73494	32.41233	65.20628	-.438757	15867.56

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.078468	1.268792	.5752726	-1.04253	11.62469	1475.735	4514.404
SDev	.195984	.521882	.4873008	.21246	.54576	5.266	35.959
%RSD	249.7634	41.13217	84.70782	20.37945	4.694844	.3568282	.7965363
#1	-.217049	.8997656	.2306988	-1.19276	11.23878	1472.012	4488.977
#2	.0601137	1.637817	.9198463	-.892298	12.01061	1479.459	4539.831

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	67.60690	1.134966	51163.61	.9754158	2.073588	.6693462	-.771335
SDev	.67670	.646492	239.21	.3032627	.630149	.6735390	1.584682
%RSD	1.000928	56.96138	.4675432	31.09061	30.38929	100.6264	205.4466
#1	67.12841	1.592105	50994.46	1.189855	1.628006	1.145610	-1.89187
#2	68.08540	.6778269	51332.76	.7609767	2.519170	.1930823	.3492041

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.641645	3.221180	1.499902	1.672406	-1.34089	.6941366	8.092031
SDev	.152520	1.594946	.148402	1.707286	1.39720	.0453533	.247712
%RSD	4.188226	49.51432	9.894139	102.0856	104.1997	6.533764	3.061178
#1	3.749494	2.093384	1.394966	2.879639	-2.32886	.6620671	7.916873
#2	3.533797	4.348978	1.604839	.4651731	-.352918	.7262062	8.267190

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5455.065	-1.57373	146.6983	-.048441
SDev	35.927	.60413	.8694	.015640
%RSD	.6585945	38.38821	.5926474	32.28703
#1	5429.661	-1.14655	146.0836	-.059500
#2	5480.469	-2.00092	147.3131	-.037382

Method: STL3 Sample Name: 220-8279-B-1-A Operator: NP
Run Time: 03/18/09 14:18:24
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.003457	17.61423	-8.39736	6.426310	54.51936	-.420463	27068.65
SDev	.156589	10.61107	2.15334	.124277	.12137	.000070	91.86
%RSD	4529.851	60.24147	25.64301	1.933882	.2226270	.0165545	.3393505
#1	-.114182	25.11739	-9.92000	6.338433	54.43354	-.420512	27003.69
#2	.1072683	10.11107	-6.87472	6.514188	54.60519	-.420413	27133.60

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0499013	.5046520	1.457624	-1.08396	330.2831	1330.520	9436.327
SDev	.0655540	.2256478	.024584	.03474	9.3223	7.021	52.456
%RSD	131.3675	44.71355	1.686568	3.205283	2.822504	.5276952	.5558913
#1	.0962550	.6642091	1.475008	-1.10853	323.6912	1325.555	9399.235
#2	.0035476	.3450949	1.440241	-1.05940	336.8749	1335.485	9473.419

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.394723	.7093538	32115.18	1.972350	1.010414	.9951402	-.214270
SDev	.098162	1.337571	109.50	.989360	1.282087	2.436417	.247068
%RSD	1.819587	188.5619	.3409454	50.16150	126.8872	244.8316	115.3071
#1	5.325312	-.236452	32037.75	2.671933	.1038421	2.717948	-.039566
#2	5.464133	1.655159	32192.60	1.272767	1.916987	-.727667	-.388973

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.031014	-.045137	1.536599	1.891339	-.800950	.7405472	3.421886
SDev	8.692030	.444775	2.144223	2.496808	2.315456	.7424025	.577673
%RSD	144.1222	985.3846	139.5434	132.0127	289.0888	100.2505	16.88173
#1	-.115179	.2693664	.0204044	3.656849	.8363251	1.265505	3.830363
#2	12.17721	-.359641	3.052794	.1258297	-2.43822	.2155893	3.013409

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5016.450	.9059992	173.5047	.0146165
SDev	18.935	.9858526	.7167	.0544717
%RSD	.3774676	108.8138	.4130716	372.6726
#1	5003.061	.2088962	172.9979	.0531338
#2	5029.840	1.603102	174.0115	-.023901

Method: STL3 Sample Name: 220-8279-A-1-A Operator: NP
Run Time: 03/18/09 14:24:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0416496	18.31693	-5.81231	6.621336	53.41051	-.520952	26564.98
SDev	.0464017	1.40314	.61011	.186923	.17478	.142177	138.38
%RSD	111.4097	7.660373	10.49681	2.823035	.3272452	27.29177	.5209278
#1	.0744606	19.30910	-6.24373	6.753510	53.53410	-.621487	26467.13
#2	.0088386	17.32475	-5.38090	6.489161	53.28692	-.420418	26662.84

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.037641	.7137432	.1302367	-.975667	291.2239	1287.080	9245.301
SDev	.088220	.0667862	.2680323	.164868	2.9133	5.266	17.239
%RSD	234.3700	9.357173	205.8040	16.89795	1.000378	.4091241	.1864642
#1	.0247397	.7609682	-.059291	-.859088	289.1639	1283.356	9257.491
#2	-.100023	.6665183	.3197641	-1.09225	293.2840	1290.803	9233.111

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.657062	.6463000	31444.78	1.580909	1.474117	-.052830	-1.54237
SDev	.010938	.6687855	102.95	.591430	.210156	1.974708	2.27948
%RSD	.1933504	103.4791	.3273916	37.41078	14.25637	3737.860	147.7907
#1	5.664796	1.119203	31371.98	1.999113	1.325514	1.343500	-3.15421
#2	5.649328	.1733973	31517.57	1.162704	1.622719	-1.44916	.0694658

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.062176	.8820447	1.768909	.4416523	-1.04428	.0580954	4.529493
SDev	4.076475	.3616033	.134545	2.197932	1.52759	.2678691	.000273
%RSD	100.3520	40.99603	7.606116	497.6611	146.2818	461.0848	.0060222
#1	6.944679	.6263526	1.673771	1.995825	.0358904	.2475075	4.529301
#2	1.179673	1.137737	1.864047	-1.11252	-2.12445	-.131317	4.529687

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4945.679	4.682432	170.4456	-.126437
SDev	15.389	1.558049	.2240	.084230
%RSD	.3111654	33.27435	.1314408	66.61787
#1	4934.797	3.580725	170.2872	-.066878
#2	4956.560	5.784139	170.6040	-.185996

Method: STL3 Sample Name: 220-8253-E-5-A Operator: NP
Run Time: 03/18/09 14:29:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1491458	1490.903	.7972952	51.85861	41.21995	-.674978	66920.23
SDev	.0521650	17.447	2.903113	.16838	.18935	.064539	848.45
%RSD	34.97588	1.170256	364.1202	.3246952	.4593566	9.561718	1.267845
#1	.1122595	1478.566	-1.25552	51.97767	41.08606	-.629341	66320.30
#2	.1860320	1503.240	2.850106	51.73954	41.35384	-.720614	67520.18

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.050403	.6746446	2.492520	1.038901	1146.053	H174717.6	733.0843
SDev	.314162	.0960101	.182798	.059055	20.049	1277.8	7.6359
%RSD	623.3031	14.23122	7.333863	5.684422	1.749416	.7313688	1.041610
#1	-.272549	.6067552	2.363262	1.080659	1131.876	H173814.1	727.6849
#2	.1717434	.7425340	2.621777	.9971420	1160.229	H175621.2	738.4837

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.34312	31.84211	H199054.8	71.77103	5.987057	2.558939	-.620802
SDev	.25105	.15605	12.0	.56622	.625840	1.712971	1.239908
%RSD	1.123616	.4900739	.0060279	.7889204	10.45321	66.94067	199.7267
#1	22.16560	31.73177	H199046.4	71.37065	6.429593	1.347686	-1.49755
#2	22.52064	31.95246	H199063.3	72.17140	5.544522	3.770192	.2559450

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.773364	6.252733	5.853868	5.040228	-2.41208	5.216627	15.80956
SDev	.160616	3.484163	.801250	2.774676	.41363	.236014	.24851
%RSD	2.066230	55.72224	13.68754	55.05060	17.14813	4.524263	1.571905
#1	7.659791	8.716409	5.287299	3.078236	-2.11961	5.049740	15.98529
#2	7.886936	3.789058	6.420438	7.002220	-2.70456	5.383514	15.63384

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12949.59	L-10.0837	1019.165	47.71577
SDev	127.36	.7323	7.290	.46603
%RSD	.9835059	7.262187	.7153261	.9766725
#1	12859.54	L-10.6015	1014.010	47.38624
#2	13039.65	-9.56591	1024.320	48.04530

Method: STL3 Sample Name: 220-8253-F-5-A Operator: NP
Run Time: 03/18/09 14:35:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.070306	792.1545	1.306394	43.07181	29.64046	-.603356	66547.09
SDev	.231644	6.9151	.063559	.66468	.05826	.051793	957.41
%RSD	329.4787	.8729476	4.865229	1.543183	.1965503	8.584225	1.438698
#1	-.234103	787.2648	1.351337	42.60181	29.59927	-.566733	65870.09
#2	.0934908	797.0442	1.261451	43.54180	29.68166	-.639980	67224.08

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.147206	.1917772	-.377020	-1.12952	12.48069	H174027.6	59.20509
SDev	.070684	.3274157	.085077	.10609	2.31187	670.5	1.47774
%RSD	48.01694	170.7271	22.56566	9.392498	18.52359	.3852855	2.495963
#1	-.197187	.4232951	-.316861	-1.05450	14.11543	H173553.4	58.16017
#2	-.097225	-.039741	-.437179	-1.20453	10.84595	H174501.7	60.25001

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.215910	32.37807	H199341.8	71.47759	.5034578	3.176577	-2.64068
SDev	.021914	.15605	637.9	.48061	1.643572	.348270	1.63316
%RSD	10.14939	.4819617	.3199860	.6723949	326.4568	10.96367	61.84625
#1	-.231405	32.26772	H198890.7	71.13774	1.665639	2.930314	-1.48586
#2	-.200415	32.48841	H199792.8	71.81743	-.658723	3.422841	-3.79550

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.851215	1.939994	-.214283	6.888272	-4.25926	2.055402	1.610559
SDev	3.461898	.426260	2.251387	1.195016	1.34763	.940588	.164938
%RSD	59.16546	21.97224	1050.660	17.34856	31.63992	45.76177	10.24105
#1	3.403284	2.241405	1.377688	6.043268	-3.30634	1.390306	1.727188
#2	8.299147	1.638583	-1.80625	7.733275	-5.21217	2.720499	1.493930

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11275.83	L-10.2752	1022.549	.1225534
SDev	120.31	.5723	5.195	.0042735
%RSD	1.066982	5.569750	.5080668	3.487075
#1	11190.76	L-10.6799	1018.875	.1255752
#2	11360.90	-9.87054	1026.223	.1195315

Method: STL3 Sample Name: 220-8253-E-8-A Operator: NP
Run Time: 03/18/09 14:41:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1124885	180.4560	-3.11416	575.9744	34.57711	-.418641	H149755.8
SDev	.0463299	7.6925	.22330	3.7991	.24275	.025871	997.1
%RSD	41.18634	4.262826	7.170612	.6595957	.7020531	6.179655	.6658085
#1	.1452486	185.8955	-3.27206	573.2880	34.40546	-.436934	H149050.8
#2	.0797283	175.0166	-2.95626	578.6608	34.74876	-.400348	H150460.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2063326	.6533121	.8336440	.7723293	287.9127	H125966.2	45493.64
SDev	.0346629	.3591240	.3656615	.0708269	7.5846	289.6	195.04
%RSD	16.79952	54.96973	43.86302	9.170562	2.634328	.2299151	.4287252
#1	.1818223	.9072511	1.092206	.8224115	282.5496	H126171.0	45355.72
#2	.2308430	.3993732	.5750824	.7222471	293.2758	H125761.4	45631.56

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12.32530	8.811752	H219930.5	2.399735	2.908457	2.153555	-2.18556
SDev	.07638	.133757	675.4	.044623	.688216	.167580	1.46086
%RSD	.6197133	1.517942	.3070808	1.859479	23.66258	7.781540	66.84129
#1	12.27130	8.717172	H219453.0	2.368181	2.421815	2.272052	-3.21854
#2	12.37931	8.906333	H220408.1	2.431287	3.395099	2.035058	-1.15258

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.657342	3.877740	2.423793	3.337367	-.218623	2.023670	5.279713
SDev	1.308850	.458873	1.260971	1.002831	1.505430	.207347	.247767
%RSD	17.09275	11.83352	52.02472	30.04856	688.5949	10.24609	4.692821
#1	6.731845	4.202212	1.532152	4.046475	-1.28312	2.170286	5.454911
#2	8.582839	3.553268	3.315434	2.628258	.8458764	1.877053	5.104515

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3652.925	L-15.0263	1157.352	8.517618
SDev	13.466	1.2085	2.652	.002357
%RSD	.3686436	8.042384	.2291285	.0276703
#1	3643.403	L-15.8808	1155.477	8.515951
#2	3662.447	L-14.1717	1159.227	8.519284

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 03/18/09 14:47:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.91143	4903.906	526.2590	494.8524	494.4986	505.4108	19374.30
SDev	.60318	17.012	1.3525	3.3314	2.8887	6.4236	278.48
%RSD	1.118843	.3469000	.2570022	.6732142	.5841714	1.270967	1.437375
#1	53.48491	4891.877	525.3026	492.4967	492.4560	500.8686	19177.38
#2	54.33794	4915.935	527.2153	497.2080	496.5412	509.9529	19571.22

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	517.9228	530.4047	524.8179	485.7043	5158.852	18804.77	18861.55
SDev	3.8193	5.5679	6.3257	1.0593	27.758	36.86	108.13
%RSD	.7374349	1.049747	1.205318	.2180914	.5380737	.1960179	.5732865
#1	515.2221	526.4675	520.3450	484.9553	5139.225	18778.70	18785.09
#2	520.6235	534.3417	529.2909	486.4533	5178.481	18830.83	18938.01

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	533.9929	523.5190	20892.45	507.1066	513.9787	505.7842	493.6180
SDev	2.9583	6.5541	115.84	5.3200	5.6600	4.3951	6.4899
%RSD	.5539944	1.251935	.5544578	1.049090	1.101222	.8689756	1.314761
#1	531.9011	518.8845	20810.54	503.3448	509.9764	502.6763	489.0290
#2	536.0847	528.1534	20974.37	510.8684	517.9810	508.8920	498.2071

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.0986	513.9792	513.9777	503.5066	510.3450	510.3665	523.2379
SDev	4.1288	5.2121	5.8838	2.3038	8.5839	5.6234	7.0897
%RSD	.8094100	1.014070	1.144750	.4575584	1.681988	1.101829	1.354961
#1	513.0181	510.2938	509.8172	501.8776	504.2752	506.3901	518.2248
#2	507.1791	517.6648	518.1381	505.1357	516.4147	514.3428	528.2511

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	552.7290	503.0026	512.7491	506.5463
SDev	.5652	6.7131	1.9231	2.7212
%RSD	.1022644	1.334599	.3750471	.5372066
#1	552.3293	498.2557	511.3893	504.6221
#2	553.1287	507.7494	514.1089	508.4705

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 03/18/09 14:52:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1108650	27.35251	-5.43299	1.775280	.0068660	-.502635	1.935289
SDev	.0634333	3.37213	.35938	.519097	.0000000	.013029	.171057
%RSD	57.21677	12.32840	6.614857	29.24027	.0000000	2.592173	8.838859
#1	.0660108	29.73696	-5.17887	2.142337	.0068660	-.493422	2.056245
#2	.1557191	24.96805	-5.68712	1.408223	.0068660	-.511848	1.814333

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.039160	.5608019	.1638628	-1.42674	6.329094	34.75240	4.352232
SDev	.153905	.1024267	.1460561	.09348	3.491043	14.04208	.246406
%RSD	393.0138	18.26433	89.13321	6.552136	55.15866	40.40608	5.661601
#1	.0696671	.6332285	.2671401	-1.36064	3.860553	24.82315	4.526467
#2	-.147988	.4883753	.0605855	-1.49284	8.797634	44.68164	4.177997

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.185190	2.853179	9.307976	.0270524	.1603912	-.295373	3.751533
SDev	.021760	2.006356	5.334073	.3731784	.0284180	.629499	1.635933
%RSD	11.75030	70.32001	57.30647	1379.464	17.71791	213.1199	43.60706
#1	-.169803	4.271887	13.07973	.2909294	.1402966	-.740496	4.908312
#2	-.200577	1.434471	5.536217	-.236825	.1804857	.1497499	2.594753

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.288329	-2.00992	1.243321	-1.59942	2.315439	.3802772	.6972755
SDev	9.232083	.47904	.281767	2.21953	2.555334	.7613019	.8244292
%RSD	403.4422	23.83386	22.66249	138.7707	110.3607	200.1966	118.2358
#1	-4.23974	-1.67119	1.044081	-3.16887	4.122333	-.158045	.1143161
#2	8.816398	-2.34865	1.442560	-.029978	.5085446	.9185989	1.280235

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.879630	4.497276	.0267042	.2265181
SDev	1.435651	1.430975	.0084087	.1235128
%RSD	163.2108	31.81870	31.48823	54.52668
#1	.1355286	5.509129	.0207583	.3138548
#2	-1.89479	3.485425	.0326500	.1391814

Method: STL3 Sample Name: 220-8253-F-8-A Operator: NP
Run Time: 03/18/09 14:58:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0302349	32.61861	-5.48780	554.5793	29.81554	-.575766	H141923.2
SDev	.0463168	.86999	.51995	5.2317	.20877	.090487	2010.8
%RSD	153.1900	2.667164	9.474560	.9433718	.7001935	15.71591	1.416808
#1	-.002516	32.00344	-5.85546	550.8799	29.66793	-.639750	H140501.4
#2	.0629858	33.23379	-5.12015	558.2787	29.96317	-.511783	H143345.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0335118	.4729788	.2920454	-.803360	41.47320	H120147.7	41081.16
SDev	.2452044	.2605596	.1583496	.271158	3.79546	1009.3	368.17
%RSD	731.6968	55.08907	54.22089	33.75297	9.151605	.8400319	.8962030
#1	.2068975	.2887353	.1800753	-.995098	44.15700	H119434.0	40820.82
#2	-.139874	.6572223	.4040154	-.611623	38.78940	H120861.4	41341.50

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.242574	8.196979	H219315.0	1.490937	1.291433	2.425151	-.120005
SDev	.065473	.066879	204.0	.863554	.102605	1.608794	2.773847
%RSD	.7943223	.8158935	.0930271	57.92025	7.945070	66.33789	2311.439
#1	8.196278	8.149689	H219170.7	.8803115	1.218880	1.287562	1.841401
#2	8.288870	8.244269	H219459.3	2.101561	1.363986	3.562740	-2.08141

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.936961	2.242157	.8160838	5.127874	-2.98941	1.136723	4.247506
SDev	2.308414	.724928	.5157517	1.835204	1.15530	.155730	.412490
%RSD	58.63442	32.33174	63.19837	35.78879	38.64629	13.69990	9.711339
#1	5.569256	2.754758	.4513923	3.830189	-3.80633	1.246841	3.955832
#2	2.304665	1.729555	1.180775	6.425559	-2.17249	1.026606	4.539180

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3191.485	L-12.6573	1085.855	.5772110
SDev	35.044	1.6537	7.854	.0009997
%RSD	1.098049	13.06501	.7233292	.1731989
#1	3166.705	L-11.4880	1080.301	.5765041
#2	3216.265	L-13.8266	1091.409	.5779179

Method: STL3 Sample Name: 220-8277-F-1-A Operator: NP
Run Time: 03/18/09 15:04:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1452346	1442.260	-.050018	27.54015	51.16190	-.535001	84462.55
SDev	.1042851	7.480	1.007806	.19030	.41267	.025689	1266.33
%RSD	71.80455	.5186629	2014.873	.6909965	.8066061	4.801691	1.499285
#1	.0714939	1436.971	.6626081	27.67471	50.87009	-.516836	83567.11
#2	.2189753	1447.550	-.762645	27.40558	51.45370	-.553166	85357.98

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.026430	1.252020	5.053783	17.15598	1736.273	88259.90	926.0319
SDev	.253916	.324787	.097346	.09437	33.409	57.93	13.5464
%RSD	960.7283	25.94107	1.926202	.5500538	1.924197	.0656329	1.462846
#1	.1531162	1.022360	4.984949	17.08925	1712.649	88218.94	916.4531
#2	-.205975	1.481679	5.122617	17.22271	1759.898	88300.86	935.6106

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.97688	35.35735	H143999.3	55.72745	29.57726	2.923170	-.684900
SDev	.27286	.04458	826.7	.07270	.15447	.313713	.789446
%RSD	1.187521	.1260914	.5740666	.1304520	.5222749	10.73193	115.2645
#1	22.78394	35.38888	H143414.8	55.77885	29.46803	2.701342	-.126677
#2	23.16981	35.32583	H144583.9	55.67604	29.68649	3.144999	-1.24312

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.355757	31.32827	28.70227	4.553706	-.343894	15.36726	37.86292
SDev	.241048	1.98732	.76057	.278174	.384754	.05321	.49260
%RSD	3.277002	6.343536	2.649876	6.108745	111.8818	.3462308	1.300999
#1	7.185310	29.92302	29.24007	4.357007	-.615956	15.40488	37.51459
#2	7.526204	32.73352	28.16446	4.750405	-.071831	15.32964	38.21123

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11506.50	L-12.2329	903.6069	64.69720
SDev	127.87	.9554	6.1343	.67269
%RSD	1.111323	7.810062	.6788698	1.039748
#1	11416.08	L-12.9084	899.2694	64.22154
#2	11596.93	L-11.5573	907.9446	65.17286

Method: STL3 Sample Name: 220-8277-G-1-A Operator: NP
Run Time: 03/18/09 15:10:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0404554	447.8732	-1.23894	38.80254	30.60170	-.549282	87588.52
SDev	.2490058	.5566	3.16294	.56028	.15536	.051783	1315.60
%RSD	615.5068	.1242841	255.2948	1.443924	.5076733	9.427476	1.502023
#1	-.135618	448.2668	.9975999	38.40637	30.49185	-.512665	86658.24
#2	.2165291	447.4796	-3.47547	39.19872	30.71155	-.585898	88518.78

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.064970	.0723055	.0475309	2.571749	55.76704	94649.38	68.78651
SDev	.149331	.0978439	.4632802	.223898	1.46802	19.31	1.72379
%RSD	229.8454	135.3202	974.6933	8.706075	2.632407	.0203988	2.506006
#1	.0406227	.0031194	-.280058	2.730069	56.80509	94663.02	67.56760
#2	-.170563	.1414915	.3751195	2.413429	54.72900	94635.72	70.00542

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3947273	37.37507	H157673.9	54.67738	2.609062	1.980828	-.803580
SDev	.0108440	.00000	837.8	.48506	.012442	.960952	.916964
%RSD	2.747220	.0000000	.5313777	.8871254	.4768797	48.51263	114.1099
#1	.4023952	37.37507	H157081.5	54.33439	2.617860	2.660323	-.155188
#2	.3870594	37.37507	H158266.4	55.02037	2.600264	1.301332	-1.45197

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.177708	3.035664	2.395331	2.706279	.5266441	12.50845	1.730370
SDev	4.998629	.343129	.190032	1.216276	.4493963	.78245	.659881
%RSD	69.64102	11.30325	7.933422	44.94272	85.33207	6.255405	38.13524
#1	10.71227	2.793035	2.529704	3.566316	.8444152	11.95517	1.263764
#2	3.643143	3.278293	2.260958	1.846243	.2088729	13.06172	2.196976

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9949.416	L-12.8134	934.1137	1.364615
SDev	78.536	1.7489	1.5442	.029117
%RSD	.7893509	13.64931	.1653079	2.133739
#1	9893.883	L-11.5767	933.0218	1.385204
#2	10004.95	L-14.0501	935.2056	1.344026

Method: STL3 Sample Name: 220-8277-F-3-A Operator: NP
Run Time: 03/18/09 15:15:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0126576	17.92570	-9.60674	-4.72985	.1132888	-.456945	.1209553
SDev	.1332949	2.38394	1.40192	.41474	.0242749	.051719	.6842276
%RSD	1053.085	13.29898	14.59314	8.768581	21.42747	11.31853	565.6864
#1	.1069113	16.24000	L-10.5980	-4.43658	.0961238	-.420374	-.362867
#2	-.081596	19.61140	-8.61543	-5.02311	.1304537	-.493517	.6047773

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0059191	.4182132	.2321813	-.967442	24.01700	58.33436	2.448978
SDev	.2484689	.2957952	.3412868	.200224	5.79592	1.75524	1.970131
%RSD	4197.749	70.72834	146.9915	20.69621	24.13257	3.008935	80.44708
#1	-.169775	.6273720	-.009145	-.825862	28.11533	59.57550	1.055885
#2	.1816132	.2090543	.4735075	-1.10902	19.91867	57.09321	3.842071

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.728798	1.245310	2806.705	-.221384	1.084089	.5639154	-.802427
SDev	.000009	.668785	.366	.408619	.444913	3.180677	.197636
%RSD	.0005412	53.70433	.0130519	184.5745	41.04022	564.0344	24.62980
#1	1.728791	1.718213	2806.446	-.510322	.7694886	2.812994	-.662677
#2	1.728805	.7724073	2806.964	.0675530	1.398690	-1.68516	-.942177

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6627147	.0607866	1.594224	1.629809	-1.57207	.4368922	1.745890
SDev	.7668152	.6305031	.352327	6.188447	2.84389	.0973791	.163929
%RSD	115.7082	1037.241	22.10024	379.7037	180.9008	22.28905	9.389440
#1	.1204945	-.385046	1.345091	6.005702	-3.58301	.3680348	1.861806
#2	1.204935	.5066195	1.843357	-2.74608	.4388632	.5057496	1.629975

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	142.6805	1.934398	-.056464	.2194948
SDev	2.1367	.413542	.000014	.0463780
%RSD	1.497569	21.37830	.0254489	21.12941
#1	144.1914	2.226816	-.056454	.2522890
#2	141.1696	1.641980	-.056474	.1867007

Method: STL3 Sample Name: 220-8297-A-4-A Operator: NP
Run Time: 03/18/09 15:21:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2246341	46.75707	-6.97040	4.669664	51.79700	-.420300	16615.18
SDev	.0579815	.19849	4.53618	.892376	.29130	.103309	251.97
%RSD	25.81152	.4245034	65.07778	19.11006	.5623880	24.57984	1.516482
#1	.1836350	46.89742	L-10.1780	4.038660	51.59102	-.347249	16437.01
#2	.2656332	46.61672	-3.76283	5.300670	52.00298	-.493350	16793.35

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.107747	4.019095	1.233726	.2084539	85.86066	1028.919	5156.200
SDev	.022573	.098359	.060602	.0708832	2.92150	5.266	36.203
%RSD	20.95042	2.447299	4.912093	34.00423	3.402604	.5117753	.7021318
#1	-.091785	4.088646	1.190874	.2585759	83.79485	1025.196	5130.600
#2	-.123709	3.949545	1.276578	.1583319	87.92648	1032.642	5181.799

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.14965	.3467950	26021.90	4.339277	6.032640	-.758440	-2.71187
SDev	.33826	.1560497	5.56	.381680	.328051	.850548	.66683
%RSD	1.160436	44.99769	.0213726	8.795924	5.437932	112.1443	24.58922
#1	28.91047	.4571388	26025.83	4.069389	6.264607	-1.35987	-3.18339
#2	29.38884	.2364512	26017.97	4.609165	5.800673	-.157012	-2.24035

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.989213	6.288185	5.904260	-.850818	-.574407	-.108261	22.48501
SDev	1.077769	.766690	.109060	2.432791	2.318691	.966671	.49444
%RSD	36.05529	12.19255	1.847138	285.9354	403.6667	892.9081	2.198982
#1	3.751311	6.830317	5.981377	-2.57106	1.065155	.5752786	22.13538
#2	2.227115	5.746053	5.827143	.8694248	-2.21397	-.791801	22.83463

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4125.947	-.672370	91.87913	.3772479
SDev	33.897	1.303695	.39395	.0382018
%RSD	.8215467	193.8954	.4287694	10.12644
#1	4101.979	.2494814	91.60056	.4042606
#2	4149.916	-1.59422	92.15769	.3502351

Method: STL3 Sample Name: 220-8297-B-4-A Operator: NP
Run Time: 03/18/09 15:27:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2697314	11.02306	-8.36792	4.247705	52.22269	-.201125	16659.33
SDev	.0404267	3.92566	.95198	.123375	.00000	.025732	93.74
%RSD	14.98775	35.61317	11.37650	2.904517	.0000000	12.79425	.5626876
#1	.2411455	13.79892	-7.69477	4.160465	52.22269	-.219321	16593.04
#2	.2983174	8.247198	-9.04107	4.334944	52.22269	-.182929	16725.61

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2071966	4.046530	.3551905	-.017021	50.70439	1023.954	5199.905
SDev	.0474052	.849528	.3050078	.011524	4.29335	1.755	6.894
%RSD	22.87935	20.99400	85.87159	67.70582	8.467406	.1714273	.1325849
#1	.2407171	3.445822	.1395175	-.008872	47.66853	1022.713	5195.030
#2	.1736760	4.647237	.5708636	-.025170	53.74024	1025.196	5204.780

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.64035	1.529052	25300.91	3.967916	5.788527	-1.80475	-.124029
SDev	.11994	.312100	26.10	.073280	.795414	1.70324	1.306424
%RSD	.4187932	20.41134	.1031506	1.846802	13.74121	94.37516	1053.324
#1	28.72517	1.749740	25282.46	3.916099	5.226085	-.600382	-1.04781
#2	28.55554	1.308364	25319.36	4.019732	6.350970	-3.00913	.7997525

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.515065	4.016821	6.672254	-2.14956	-1.11521	.6424044	17.30069
SDev	.543234	.652989	1.518529	2.13376	.84076	1.274618	.57716
%RSD	8.338118	16.25637	22.75886	99.26512	75.39027	198.4136	3.336074
#1	6.130940	4.478554	5.598491	-.640761	-.520703	-.258886	16.89257
#2	6.899189	3.555088	7.746016	-3.65835	-1.70972	1.543695	17.70880

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4112.970	-.740978	92.44282	-.005030
SDev	10.548	5.214691	.03978	.046560
%RSD	.2564631	703.7583	.0430333	925.5648
#1	4105.511	2.946366	92.47095	-.037953
#2	4120.429	-4.42832	92.41469	.0278923

Method: STL3 Sample Name: 220-8297-A-5-A Operator: NP
Run Time: 03/18/09 15:33:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0849300	348.4055	-5.33728	22.67228	59.49034	-.298712	17773.81
SDev	.0578188	1.5157	1.96281	1.22333	1.41280	.271442	184.06
%RSD	68.07819	.4350516	36.77548	5.395730	2.374840	90.87105	1.035555
#1	.1258140	349.4773	-6.72520	21.80725	58.49134	-.490650	17643.67
#2	.0440459	347.3337	-3.94936	23.53730	60.48934	-.106773	17903.96

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2117073	11.91739	3.426468	4.660464	853.4783	1390.096	5668.754
SDev	.0823050	.13007	.170950	.731123	15.4000	.000	94.080
%RSD	38.87678	1.091401	4.989107	15.68778	1.804385	.0000000	1.659631
#1	.2699057	11.82542	3.547348	4.143482	842.5888	1390.096	5602.229
#2	.1535089	12.00936	3.305588	5.177446	864.3677	1390.096	5735.279

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	94.44910	2.065008	23473.91	13.94957	4.177241	1.663188	-.544796
SDev	1.11327	.222928	88.94	.24701	1.044690	3.804991	.324191
%RSD	1.178699	10.79552	.3788862	1.770718	25.00910	228.7769	59.50685
#1	93.66190	2.222642	23536.79	13.77491	3.438533	-1.02735	-.315558
#2	95.23630	1.907374	23411.02	14.12423	4.915948	4.353723	-.774033

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.168659	4.111516	4.209104	2.851649	-.718302	1.888739	108.7297
SDev	5.697114	.232076	1.450318	4.332060	2.749269	.080814	1.8944
%RSD	179.7958	5.644534	34.45669	151.9142	382.7456	4.278722	1.742306
#1	-.859810	3.947413	3.183575	-.211580	-2.66233	1.945883	107.3902
#2	7.197127	4.275618	5.234634	5.914878	1.225725	1.831595	110.0693

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5071.003	3.697761	113.7469	13.33369
SDev	67.786	1.589490	.3912	.07620
%RSD	1.336729	42.98518	.3438914	.5714553
#1	5023.071	4.821701	113.4703	13.27982
#2	5118.935	2.573823	114.0235	13.38757

Method: STL3 Sample Name: 220-8297-B-5-A Operator: NP
Run Time: 03/18/09 15:38:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1409252	16.93098	-5.66135	22.00077	57.32755	.0182260	16911.04
SDev	.3589929	4.89819	3.38305	.85140	.37384	.0257338	271.81
%RSD	254.7400	28.93033	59.75695	3.869858	.6521038	141.1928	1.607281
#1	-.112921	20.39452	-3.26917	21.39875	57.06321	.0000295	16718.84
#2	.3947716	13.46744	-8.05353	22.60280	57.59189	.0364226	17103.24

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4816853	11.26010	.3796710	.0833591	218.5841	1316.867	5534.254
SDev	.3800600	.38996	.0244074	.0359297	5.8485	8.776	42.854
%RSD	78.90212	3.463162	6.428574	43.10231	2.675644	.6664625	.7743445
#1	.7504283	10.98436	.3624123	.0579530	222.7196	1310.661	5503.952
#2	.2129424	11.53584	.3969296	.1087653	214.4485	1323.073	5564.557

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	84.11500	.4729024	23053.17	13.14483	1.843462	1.647395	-2.03475
SDev	.64406	.9585922	14.65	.21419	.559106	.116363	.09916
%RSD	.7656937	202.7040	.0635563	1.629453	30.32912	7.063471	4.873409
#1	83.65958	1.150729	23042.81	12.99338	2.238810	1.729676	-2.10486
#2	84.57042	-.204925	23063.53	13.29629	1.448114	1.565113	-1.96463

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.213501	1.492097	2.018031	3.003906	-1.07090	.4076676	84.47206
SDev	3.844228	2.029149	.174884	.682680	1.71685	1.163643	1.15443
%RSD	53.29212	135.9931	8.666088	22.72640	160.3178	285.4392	1.366638
#1	9.931781	2.926922	1.894370	2.521179	.1430920	-.415152	83.65576
#2	4.495222	.0572723	2.141693	3.486634	-2.28490	1.230488	85.28837

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4705.514	.1167345	110.4368	-.050138
SDev	39.649	.1908985	.4229	.004229
%RSD	.8426163	163.5322	.3829762	8.433914
#1	4677.477	.2517202	110.1377	-.053128
#2	4733.550	-.018251	110.7359	-.047148

Method: STL3 Sample Name: 220-8297-A-6-A Operator: NP
Run Time: 03/18/09 15:44:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2106942	3375.497	-2.35623	32.19830	63.83993	.2059332	38166.56
SDev	.2781045	22.533	.50524	.18992	.31072	.0774654	327.24
%RSD	131.9944	.6675458	21.44258	.5898566	.4867153	37.61676	.8573887
#1	.0140446	3359.564	-1.99897	32.33260	63.62022	.2607095	37935.17
#2	.4073438	3391.430	-2.71349	32.06401	64.05965	.1511569	38397.95

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.504468	3.538063	13.33444	40.26538	7215.136	4197.592	7356.520
SDev	.284507	.456621	.62144	.04713	25.543	14.042	51.966
%RSD	11.35999	12.90595	4.660449	.1170592	.3540224	.3345253	.7064003
#1	2.303290	3.215183	12.89502	40.23205	7197.074	4187.663	7319.773
#2	2.705644	3.860942	13.77387	40.29871	7233.198	4207.521	7393.265

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126.8034	2.995050	H223796.6	11.05435	35.57104	-.579722	-.437704
SDev	.7859	.289807	700.2	.15424	.47825	1.114100	.693875
%RSD	.6197809	9.676198	.3128938	1.395318	1.344504	192.1784	158.5260
#1	126.2477	2.790125	H223301.5	10.94528	35.23286	.2080659	-.928348
#2	127.3591	3.199974	H224291.8	11.16341	35.90922	-1.36751	.0529395

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.037675	36.66554	35.02366	.0757701	-1.89367	21.60087	1215.415
SDev	7.450706	1.61000	1.52074	2.453545	1.56881	.70677	12.277
%RSD	123.4036	4.391040	4.342041	3238.145	82.84494	3.271938	1.010073
#1	11.30612	37.80399	33.94833	1.810688	-3.00299	21.10111	1206.734
#2	.7692300	35.52710	36.09899	-1.65915	-.784356	22.10063	1224.095

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5207.508	-1.56956	180.8197	110.0504
SDev	19.206	1.68399	.6109	.6647
%RSD	.3688102	107.2904	.3378542	.6040386
#1	5193.928	-.378802	180.3877	109.5803
#2	5221.089	-2.76032	181.2516	110.5204

Method: STL3 Sample Name: 220-8297-B-6-A Operator: NP
Run Time: 03/18/09 15:50:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.029195	-2.40030	-4.91792	29.58862	46.42093	-.073205	39187.06
SDev	.237608	.77682	.38205	.20660	.03884	.103499	317.14
%RSD	813.8685	32.36348	7.768598	.6982431	.0836746	141.3823	.8092982
#1	-.197209	-2.94960	-4.64776	29.44253	46.44840	-.146389	38962.81
#2	.1388193	-1.85101	-5.18807	29.73471	46.39347	-.000020	39411.31

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.136197	1.779368	.0154222	1.316753	50.84960	3838.898	6359.189
SDev	.099167	.654908	.2555274	.011590	6.06891	8.776	17.734
%RSD	8.727946	36.80566	1656.877	.8802119	11.93501	.2286162	.2788767
#1	1.066075	1.316278	-.165263	1.308557	46.55824	3845.104	6346.648
#2	1.206318	2.242459	.1961074	1.324948	55.14097	3832.692	6371.729

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	64.57390	2.269932	H220462.5	4.259034	.8336868	2.370148	-4.15296
SDev	.49107	.289807	430.0	.360553	.0687654	.938169	.27138
%RSD	.7604725	12.76721	.1950587	8.465601	8.248345	39.58273	6.534607
#1	64.22666	2.065008	H220158.5	4.513983	.8823113	3.033533	-4.34486
#2	64.92114	2.474857	H220766.6	4.004085	.7850624	1.706762	-3.96107

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.915832	1.790566	.3551652	5.613461	-4.12742	1.111230	470.0962
SDev	1.383143	2.217544	1.004013	.789611	1.23573	.988115	2.8014
%RSD	19.99967	123.8460	282.6890	14.06639	29.93956	88.92089	.5959273
#1	7.893861	3.358606	-.354779	6.171800	-3.25363	1.809933	468.1153
#2	5.937801	.2225253	1.065110	5.055121	-5.00121	.4125267	472.0771

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1381.837	-2.94434	182.6198	.0816851
SDev	3.035	1.08099	.1782	.0128709
%RSD	.2196214	36.71402	.0976039	15.75677
#1	1379.691	-2.17997	182.4938	.0725839
#2	1383.983	-3.70872	182.7459	.0907862

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 03/18/09 15:56:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.86998	4901.538	529.9088	514.8801	508.6631	519.4838	19608.10
SDev	.48815	13.339	4.9196	2.4981	1.9663	4.8213	235.89
%RSD	.9061700	.2721470	.9283823	.4851879	.3865572	.9280877	1.203005
#1	53.52480	4892.105	526.4302	513.1137	507.2728	516.0747	19441.31
#2	54.21515	4910.970	533.3875	516.6466	510.0535	522.8929	19774.90

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	527.9576	534.1097	532.1367	484.1798	5241.189	18225.15	19118.93
SDev	5.9216	5.4434	5.8982	.7866	69.053	49.15	104.70
%RSD	1.121603	1.019161	1.108391	.1624613	1.317501	.2696641	.5476326
#1	523.7704	530.2606	527.9661	483.6235	5192.361	18190.40	19044.90
#2	532.1448	537.9588	536.3073	484.7360	5290.017	18259.90	19192.97

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	535.4133	520.9022	20331.14	538.3782	511.5471	514.9763	505.6953
SDev	5.8614	9.9426	97.23	3.1050	2.0464	6.5462	4.9557
%RSD	1.094748	1.908729	.4782180	.5767295	.4000324	1.271165	.9799866
#1	531.2687	513.8718	20262.39	536.1827	512.9941	510.3474	502.1911
#2	539.5580	527.9327	20399.89	540.5738	510.1001	519.6052	509.1995

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.1794	518.5690	508.0406	518.3442	508.2292	514.2296	536.6502
SDev	6.6508	3.7772	1.1821	7.3614	4.9135	4.6410	8.8983
%RSD	1.296002	.7283931	.2326798	1.420175	.9667956	.9025221	1.658113
#1	508.4765	521.2399	508.8765	513.1390	504.7548	510.9479	530.3581
#2	517.8822	515.8981	507.2047	523.5496	511.7036	517.5113	542.9421

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	550.5076	498.9755	508.9880	503.1632
SDev	2.5157	6.4290	2.5039	3.8253
%RSD	.4569786	1.288449	.4919450	.7602502
#1	548.7287	494.4295	507.2175	500.4583
#2	552.2864	503.5215	510.7586	505.8681

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 03/18/09 16:01:55
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0699042	-4.68776	-6.10116	2.553312	.0137320	-.054829	2.056245
SDev	.0056541	4.45545	1.13467	.332146	.0000000	.103524	1.026340
%RSD	8.088313	95.04430	18.59764	13.00844	.0000000	188.8125	49.91333
#1	.0659061	-1.53728	-5.29883	2.788175	.0137320	.0183735	1.330513
#2	.0739022	-7.83825	-6.90350	2.318449	.0137320	-.128032	2.781977

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0449646	.9311960	.1035831	-.117679	5.687955	49.64625	1.391612
SDev	.0932984	.3584076	.0367225	.247194	5.551717	3.51053	.985066
%RSD	207.4931	38.48895	35.45223	210.0586	97.60480	7.071092	70.78597
#1	.1109365	.6777635	.0776164	.0571139	9.613612	47.16393	.6950653
#2	-.021007	1.184628	.1295499	-.292471	1.762298	52.12857	2.088159

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.231494	2.916233	19.58722	-.329702	2.875747	3.887370	2.355069
SDev	.000063	.891714	1.55672	.470487	.159629	2.857245	.591977
%RSD	.0270229	30.57760	7.947629	142.7007	5.550877	73.50073	25.13630
#1	-.231539	3.546770	20.68799	-.662387	2.988622	5.907748	1.936478
#2	-.231450	2.285696	18.48646	.0029826	2.762872	1.866992	2.773660

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.614334	2.036648	3.293968	4.662482	2.333718	.4178368	.3485093
SDev	2.768589	1.561773	1.019181	2.966148	2.638972	.6688483	.8231754
%RSD	105.9004	76.68352	30.94084	63.61736	113.0802	160.0740	236.1990
#1	4.572022	.9323075	4.014638	6.759865	4.199753	-.055110	.9305822
#2	.6566457	3.140989	2.573298	2.565098	.4676829	.8907839	-.233564

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.393604	7.824931	.0177867	.2047197
SDev	2.318249	1.367724	.0041810	.2625332
%RSD	96.85181	17.47906	23.50625	128.2403
#1	4.032854	8.792058	.0148303	.3903588
#2	.7543547	6.857804	.0207431	.0190807

Method: STL3 Sample Name: 220-8385-A-15-B DU Operator: NP
Run Time: 03/18/09 16:09:29
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0379681	264.8614	-8.25590	169.2948	107.0373	-.012872	H203133.7
SDev	.2839097	6.5064	1.06960	.8491	.8885	.128978	3479.1
%RSD	747.7576	2.456532	12.95555	.5015435	.8300505	1002.039	1.712730
#1	-.162786	260.2607	-7.49958	168.6944	106.4091	.0783297	H200673.6
#2	.2387226	269.4622	-9.01222	169.8952	107.6655	-.104073	H205593.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2386323	.1167936	23.31685	3.701781	1029.935	9228.000	32358.38
SDev	.3093580	.4554876	.79193	.153485	16.833	15.797	359.80
%RSD	129.6379	389.9936	3.396364	4.146257	1.634398	.1711893	1.111909
#1	.4573815	-.205285	22.75687	3.810311	1018.032	9239.171	32103.97
#2	.0198832	.4388719	23.87683	3.593250	1041.838	9216.830	32612.79

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.72654	1.702449	41657.73	3.703599	2.676465	-.218789	1.467403
SDev	.37107	.512735	42.85	.131423	.270032	1.657986	1.312793
%RSD	1.881092	30.11751	.1028729	3.548512	10.08912	757.8022	89.46371
#1	19.46415	1.339891	41627.43	3.796528	2.867407	-1.39116	2.395688
#2	19.98893	2.065008	41688.04	3.610669	2.485524	.9535843	.5391179

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.760473	1.801035	3.112725	-1.92780	3.203366	1.770016	16.39376
SDev	1.158255	1.193785	.191152	3.35061	1.732353	.177588	.16529
%RSD	65.79226	66.28329	6.141002	173.8050	54.07914	10.03315	1.008248
#1	.9414629	2.645169	2.977559	-4.29704	4.428325	1.895590	16.51064
#2	2.579483	.9569013	3.247890	.4414412	1.978408	1.644442	16.27688

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9169.195	L-15.1052	964.0930	24.27608
SDev	134.845	4.6726	4.3354	1.08836
%RSD	1.470635	30.93395	.4496856	4.483249
#1	9073.845	L-11.8012	961.0275	23.50650
#2	9264.545	L-18.4093	967.1586	25.04566

Method: STL3 Sample Name: 220-8385-A-15-A PDS Operator: NP
Run Time: 03/18/09 16:20:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.23692	2294.898	36.83946	382.7037	2139.881	54.28454	H211043.1
SDev	1.06637	16.986	.25351	5.6941	10.030	.93034	4696.9
%RSD	2.003066	.7401453	.6881616	1.487855	.4687342	1.713818	2.225554
#1	52.48289	2282.888	37.01872	378.6774	2132.788	53.62669	H207721.9
#2	53.99096	2306.909	36.66019	386.7301	2146.973	54.94239	H214364.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.69753	530.7649	232.7252	262.0021	1866.645	20285.47	42572.44
SDev	1.40177	9.2216	4.7041	1.5446	36.235	87.76	422.39
%RSD	2.610493	1.737410	2.021316	.5895435	1.941160	.4326384	.9921708
#1	52.70633	524.2443	229.3989	260.9099	1841.023	20223.41	42273.77
#2	54.68874	537.2856	236.0515	263.0944	1892.267	20347.52	42871.12

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	548.2867	206.5796	50720.09	544.9351	24.34878	58.85232	310.3037
SDev	6.8876	2.1847	259.24	7.8676	1.31229	3.37938	2.5397
%RSD	1.256212	1.057563	.5111195	1.443768	5.389555	5.742129	.8184416
#1	543.4164	205.0348	50536.77	539.3718	23.42085	61.24190	308.5079
#2	553.1570	208.1245	50903.39	550.4983	25.27671	56.46274	312.0995

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.16392	24.33138	24.35653	60.53228	55.48637	513.8586	548.8289
SDev	2.49616	.13650	2.03581	4.69461	.74495	7.3770	14.5056
%RSD	4.695222	.5609948	8.358375	7.755555	1.342580	1.435604	2.643012
#1	54.92897	24.42790	22.91699	63.85187	56.01312	508.6423	538.5719
#2	51.39887	24.23486	25.79606	57.21269	54.95961	519.0749	559.0859

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9253.293	185.9010	945.5383	215.9743
SDev	139.214	1.3958	6.4784	2.1896
%RSD	1.504485	.7508218	.6851519	1.013818
#1	9154.853	186.8879	940.9575	214.4260
#2	9351.732	184.9140	950.1193	217.5225

Method: STL3 Sample Name: 220-8265-C-1-A PDS Operator: NP
Run Time: 03/18/09 16:25:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.09565	3071.559	35.96192	226.7330	2109.382	56.96781	25270.03
SDev	.42322	40.168	.39567	.7626	6.418	.34969	160.62
%RSD	.7970830	1.307729	1.100256	.3363369	.3042759	.6138297	.6356292
#1	52.79639	3043.156	35.68214	226.1938	2104.843	56.72054	25156.46
#2	53.39491	3099.962	36.24170	227.2722	2113.920	57.21507	25383.61

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.39873	548.3446	227.9830	276.7358	1672.961	11077.32	15128.22
SDev	.55044	2.1811	1.0964	.8724	19.309	110.58	49.03
%RSD	1.011865	.3977677	.4809298	.3152477	1.154154	.9982621	.3240871
#1	54.00951	546.8023	227.2078	276.1189	1659.307	10999.13	15093.55
#2	54.78795	549.8869	228.7584	277.3527	1686.614	11155.52	15162.89

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	558.8383	210.0949	43445.18	563.2489	28.32782	55.24460	312.7134
SDev	3.4274	1.0923	387.19	4.0948	1.01516	.77446	.6018
%RSD	.6133043	.5199263	.8912168	.7269930	3.583616	1.401866	.1924309
#1	556.4147	209.3225	43171.39	560.3534	27.61000	54.69698	313.1389
#2	561.2618	210.8673	43718.96	566.1444	29.04565	55.79222	312.2879

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.57241	28.46975	28.25592	56.07669	53.57692	530.9705	597.2301
SDev	2.13922	3.90537	.42799	.23472	1.85555	2.4621	3.8720
%RSD	3.652266	13.71760	1.514685	.4185640	3.463335	.4637060	.6483330
#1	60.08506	25.70824	28.55855	55.91072	52.26485	529.2294	594.4922
#2	57.05975	31.23126	27.95329	56.24266	54.88899	532.7114	599.9681

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5599.588	205.3151	124.1596	246.8719
SDev	13.229	1.4044	.5556	4.2045
%RSD	.2362540	.6840456	.4474574	1.703110
#1	5590.233	204.3220	123.7668	243.8989
#2	5608.942	206.3082	124.5525	249.8449

Method: STL3 Sample Name: 220-8253-E-5-A @25 Operator: NP
Run Time: 03/18/09 16:31:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.040598	51.54667	-6.85651	2.767861	1.836651	-.109377	2889.870
SDev	.069532	1.17731	2.34595	.062058	.033985	.077610	.855
%RSD	171.2703	2.283968	34.21489	2.242100	1.850366	70.95616	.0295939
#1	.0085687	52.37915	-5.19768	2.811743	1.860682	-.164255	2889.265
#2	-.089764	50.71419	-8.51535	2.723979	1.812620	-.054499	2890.475

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3015686	.5964098	.2501011	.1158519	52.97571	5824.749	32.04604
SDev	.3076423	.8845654	.0002080	.0587804	5.58820	15.798	.98528
%RSD	102.0140	148.3150	.0831769	50.73756	10.54861	.2712167	3.074564
#1	.5191045	1.221892	.2502482	.1574159	49.02425	5813.578	32.74274
#2	.0840326	-.029072	.2499540	.0742879	56.92717	5835.919	31.34935

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7642089	3.136921	19286.90	2.892840	1.384732	-.375307	.0587568
SDev	.0328119	.535028	48.05	.194499	.028501	2.329662	.4702327
%RSD	4.293584	17.05584	.2491477	6.723460	2.058260	620.7349	800.3032
#1	.7874104	3.515243	19252.92	3.030372	1.364578	1.272013	.3912616
#2	.7410073	2.758599	19320.88	2.755309	1.404885	-2.02263	-.273748

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.848794	-.237644	2.193904	-.541941	-.042639	1.765466	7.162442
SDev	2.308965	.836387	.460297	3.072740	.841132	.762042	.412112
%RSD	81.05061	351.9495	20.98074	566.9877	1972.674	43.16378	5.753795
#1	4.481480	.3537710	1.868425	1.630814	.5521312	2.304311	7.453850
#2	1.216109	-.829059	2.519383	-2.71470	-.637410	1.226621	6.871035

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	538.2389	.7679325	43.62253	2.036543
SDev	3.3610	.2862187	.03784	.061721
%RSD	.6244442	37.27133	.0867483	3.030693
#1	540.6155	.5655453	43.64929	2.080187
#2	535.8623	.9703196	43.59577	1.992899

Method: STL3 Sample Name: 220-8253-F-5-A @25 Operator: NP
Run Time: 03/18/09 16:37:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2089733	22.81848	-6.97855	.3068634	1.294238	-.045822	2795.162
SDev	.0405285	.22253	.07928	.1871094	.004855	.090428	28.395
%RSD	19.39408	.9752302	1.136109	60.97483	.3751225	197.3465	1.015878
#1	.1803153	22.66112	-7.03461	.4391697	1.290805	.0181204	2775.084
#2	.2376312	22.97583	-6.92249	.1745570	1.297671	-.109764	2815.241

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2166809	.4835591	-.068481	.0163101	.9856808	5814.819	4.177454
SDev	.1539567	.2625350	.060854	.1061809	4.670842	12.286	.492323
%RSD	71.05228	54.29223	88.86271	651.0142	473.8697	.2112933	11.78525
#1	.3255447	.6691993	-.111511	-.058771	-2.31710	5806.132	3.829328
#2	.1078170	.2979188	-.025451	.0913913	4.288465	5823.507	4.525579

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.285456	1.623632	19562.66	2.354375	1.094383	-1.37998	-1.41801
SDev	.032769	.222929	86.08	.025221	.378146	.98174	.46917
%RSD	11.47965	13.73023	.4400109	1.071240	34.55330	71.14162	33.08662
#1	-.262285	1.781267	19501.79	2.372209	1.361773	-2.07417	-1.08626
#2	-.308628	1.465998	19623.53	2.336541	.8269942	-.685783	-1.74977

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.726802	.6264054	1.327322	-2.56492	.9923590	1.086711	-.408718
SDev	1.384664	3.363153	1.112120	1.53660	.1295104	.289311	.412120
%RSD	17.92027	536.8972	83.78677	59.90839	13.05076	26.62260	100.8324
#1	6.747696	3.004513	.5409342	-3.65146	1.083937	1.291284	-.117305
#2	8.705907	-1.75170	2.113710	-1.47838	.9007814	.8821373	-.700131

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	465.6281	.2697349	43.94546	-.078580
SDev	3.2082	.7315124	.09606	.065730
%RSD	.6890092	271.1968	.2185947	83.64740
#1	463.3596	-.247522	43.87753	-.125058
#2	467.8967	.7869922	44.01338	-.032102

Method: STL3 Sample Name: 220-8253-E-8-A @50 Operator: NP
Run Time: 03/18/09 16:43:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1310535	-4.60815	-7.74435	12.15455	.7964544	-.063995	3418.204
SDev	.0115276	4.32810	3.08719	.08275	.0097099	.064669	39.856
%RSD	8.796093	93.92268	39.86377	.6808382	1.219143	101.0531	1.165999
#1	.1229023	-7.66858	-5.56138	12.09603	.7895884	-.018267	3390.021
#2	.1392048	-1.54772	-9.92732	12.21306	.8033204	-.109723	3446.387

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2721809	.4399210	-.120469	-.025183	12.91716	1599.851	1034.024
SDev	.1299467	.1299843	.109768	.070970	1.15048	5.266	9.358
%RSD	47.74276	29.54718	91.11748	281.8148	8.906581	.3291510	.9050279
#1	.3640671	.3480083	-.198086	-.075367	12.10365	1596.128	1027.406
#2	.1802947	.5318338	-.042851	.0250002	13.73067	1603.575	1040.641

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.007680	.9773318	26606.70	-.799477	-.478724	-.482556	.3120628
SDev	.010954	.2898071	36.97	.156777	1.950116	.858554	.6912035
%RSD	142.6266	29.65288	.1389545	19.60995	407.3572	177.9182	221.4950
#1	-.015426	1.182256	26580.56	-.910335	-1.85766	-1.08965	.8008175
#2	.0000655	.7724073	26632.84	-.688619	.9002166	.1245341	-.176692

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.933524	-3.14994	.8541831	-1.32778	1.209431	.4158082	-.175937
SDev	7.613045	2.13371	1.858599	1.36582	.157505	.4403140	.247264
%RSD	128.3056	67.73800	217.5880	102.8651	13.02311	105.8935	140.5412
#1	11.31676	-4.65870	-.460045	-2.29356	1.320804	.1044592	-.350779
#2	.5502881	-1.64118	2.168411	-.361998	1.098057	.7271572	-.001095

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	80.43741	-2.06820	26.56904	.0874194
SDev	.19032	1.36732	.16726	.0076610
%RSD	.2366101	66.11134	.6295410	8.763482
#1	80.57198	-3.03504	26.45076	.0928366
#2	80.30283	-1.10136	26.68731	.0820023

Method: STL3 Sample Name: 220-8253-F-8-A @50 Operator: NP
Run Time: 03/18/09 16:48:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0040847	-9.65903	-7.45857	11.74357	.6557017	-.009169	3210.040
SDev	.0406304	2.38757	.53045	.24923	.0145649	.038756	11.974
%RSD	994.7073	24.71854	7.111915	2.122298	2.221275	422.7065	.3730182
#1	-.024645	-7.97076	-7.08349	11.56733	.6660007	-.036573	3201.573
#2	.0328147	L-11.3473	-7.83365	11.91980	.6454027	.0182362	3218.507

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2472600	.1624771	.0087226	-.041834	9.855192	1506.764	934.5909
SDev	.3421056	.1291359	.0487669	.164805	1.460692	14.042	6.6492
%RSD	138.3587	79.47945	559.0847	393.9519	14.82155	.9319370	.7114550
#1	.4891652	.2537900	.0432060	-.158369	8.822328	1496.835	929.8893
#2	.0053548	.0711642	-.025761	.0747012	10.88806	1516.694	939.2927

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.092612	.7881709	25084.95	.1144564	1.616497	-2.14677	-1.87561
SDev	.000007	.7802495	136.79	.3133472	.782118	.89348	.81665
%RSD	.0076000	98.99496	.5452932	273.7700	48.38351	41.61967	43.54034
#1	-.092617	.2364512	24988.22	.3360263	2.169539	-1.51498	-1.29815
#2	-.092607	1.339891	25181.67	-.107114	1.063456	-2.77855	-2.45306

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.408288	-.200274	2.522721	-3.19875	-.040655	.0081721	-.757915
SDev	4.230626	.394511	1.369551	1.19511	.289315	.0864340	.577208
%RSD	95.96983	196.9861	54.28863	37.36171	711.6406	1057.675	76.15723
#1	1.416783	-.479235	3.491140	-2.35368	.1639219	-.052946	-.349768
#2	7.399792	.0786879	1.554303	-4.04381	-.245231	.0692902	-1.16606

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	68.16880	-1.68628	24.71613	-.125159
SDev	1.29382	.50875	.04598	.038614
%RSD	1.897970	30.16972	.1860208	30.85202
#1	69.08367	-2.04602	24.68362	-.097854
#2	67.25393	-1.32655	24.74864	-.152463

Method: STL3 Sample Name: 220-8277-F-1-A @10 Operator: NP
Run Time: 03/18/09 16:54:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.036200	131.5551	-7.34089	2.386326	5.472191	-.071766	8969.097
SDev	.249094	.5459	.19282	.125847	.038840	.000043	32.672
%RSD	688.1119	.4149505	2.626700	5.273690	.7097676	.0595140	.3642722
#1	.1399365	131.9411	-7.47724	2.297339	5.444727	-.071735	8945.994
#2	-.212336	131.1691	-7.20454	2.475314	5.499655	-.071796	8992.199

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3758635	.4212055	.5254673	1.724656	189.4693	7435.770	98.22717
SDev	.1452827	.1313355	.0975273	.070880	9.0051	22.819	1.47781
%RSD	38.65306	31.18086	18.56011	4.109828	4.752787	.3068774	1.504479
#1	.4785939	.5140737	.4565051	1.674536	195.8368	7419.635	97.18220
#2	.2731331	.3283373	.5944295	1.774776	183.1017	7451.905	99.27214

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.199744	4.445285	22928.06	6.484202	4.591574	.8642976	-1.82103
SDev	.032764	.289807	60.74	.819305	1.036777	1.029875	1.21099
%RSD	1.489459	6.519420	.2648948	12.63541	22.58000	119.1575	66.50025
#1	2.176576	4.650209	22885.11	7.063539	5.324687	.1360659	-.964733
#2	2.222912	4.240360	22971.00	5.904866	3.858462	1.592529	-2.67733

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.772384	3.484445	5.143459	1.317438	-.044446	2.329791	3.599328
SDev	1.310059	.717924	1.912884	.533157	2.024945	.231820	.000489
%RSD	22.69528	20.60369	37.19061	40.46919	4555.975	9.950263	.0135972
#1	6.698735	2.976796	6.496072	.9404398	-1.47630	2.165869	3.598982
#2	4.846032	3.992094	3.790846	1.694437	1.387407	2.493712	3.599674

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1195.584	-.842512	95.52544	6.869288
SDev	7.489	1.430619	.23466	.084894
%RSD	.6263536	169.8039	.2456492	1.235842
#1	1190.289	-1.85411	95.35951	6.929317
#2	1200.879	.1690878	95.69137	6.809260

Method: STL3 Sample Name: 220-8277-G-1-A @10 Operator: NP
Run Time: 03/18/09 17:00:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0617480	34.67326	-5.40699	2.565809	3.264776	-.100761	8914.183
SDev	.0290259	.10542	1.55705	.187457	.033985	.012935	77.489
%RSD	47.00697	.3040453	28.79704	7.305948	1.040955	12.83721	.8692772
#1	.0412236	34.59871	-6.50800	2.433258	3.240746	-.109908	8859.390
#2	.0822724	34.74780	-4.30599	2.698361	3.288807	-.091615	8968.976

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2866650	.4398317	.0783899	.3656934	3.237069	8011.667	9.227814
SDev	.5458595	.1315923	.0487005	.0822901	9.021956	33.350	2.216329
%RSD	190.4172	29.91879	62.12604	22.50250	278.7076	.4162683	24.01793
#1	.6726459	.3467819	.0439534	.3075055	9.616555	7988.085	10.79500
#2	-.099316	.5328815	.1128264	.4238813	-3.14242	8035.249	7.660632

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.223608	3.972382	26074.65	6.351967	.9550952	-3.52667	-.369700
SDev	.010924	.601907	181.40	.348015	2.040613	2.75435	1.560485
%RSD	4.885523	15.15229	.6957127	5.478859	213.6555	78.10060	422.0949
#1	-.231333	3.546770	25946.38	6.105883	2.398027	-5.47428	.7337292
#2	-.215883	4.397995	26202.92	6.598051	-.487836	-1.57905	-1.47313

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.642114	-.432819	1.647212	-3.92257	-2.73477	2.273217	-.583821
SDev	4.155668	1.320460	2.400150	3.15802	1.94593	.110763	.165167
%RSD	62.56545	305.0839	145.7098	80.50894	71.15525	4.872542	28.29061
#1	9.580615	.5008876	3.344375	-6.15562	-4.11075	2.194895	-.700612
#2	3.703612	-1.36652	-.049950	-1.68951	-1.35879	2.351538	-.467031

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1004.961	-1.50645	97.86826	-.018522
SDev	10.824	1.33558	.45225	.092956
%RSD	1.077009	88.65717	.4621021	501.8767
#1	997.3077	-.562056	97.54846	-.084251
#2	1012.614	-2.45085	98.18804	.0472080

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 03/18/09 17:06:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.79138	4956.645	525.2311	515.9287	510.4174	513.3242	19304.02
SDev	.37726	10.793	4.7636	3.3535	.7574	2.5468	153.78
%RSD	.7013357	.2177560	.9069623	.6499913	.1483899	.4961297	.7966171
#1	53.52462	4949.014	528.5996	513.5574	509.8818	511.5234	19195.28
#2	54.05814	4964.278	521.8627	518.3000	510.9530	515.1251	19412.76

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	526.5199	528.2704	526.6387	489.4263	5258.069	18424.97	19170.98
SDev	2.0041	4.7733	4.3865	3.5364	31.336	22.82	120.70
%RSD	.3806236	.9035662	.8329297	.7225553	.5959684	.1238503	.6295747
#1	525.1028	524.8952	523.5370	486.9257	5235.911	18408.84	19085.64
#2	527.9370	531.6456	529.7405	491.9269	5280.227	18441.11	19256.33

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	533.0283	515.3378	20784.27	534.7721	508.6901	511.4675	509.2217
SDev	3.8858	3.8567	32.21	4.3072	1.1676	1.3857	4.1167
%RSD	.7289977	.7483781	.1549761	.8054202	.2295278	.2709320	.8084264
#1	530.2806	512.6107	20761.49	531.7265	507.8644	510.4877	506.3108
#2	535.7759	518.0649	20807.05	537.8178	509.5157	512.4474	512.1327

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	516.1088	513.4921	506.2918	513.8343	506.7258	510.7039	528.1365
SDev	3.8649	.4182	1.9596	1.1950	6.5550	2.1781	5.2755
%RSD	.7488574	.0814348	.3870422	.2325676	1.293599	.4264973	.9988990
#1	513.3759	513.7878	504.9062	514.6793	502.0907	509.1637	524.4061
#2	518.8417	513.1964	507.6774	512.9893	511.3609	512.2440	531.8668

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	549.3695	502.9549	510.2930	502.5392
SDev	5.1014	9.9577	1.7702	3.7322
%RSD	.9285849	1.979843	.3469040	.7426697
#1	545.7623	495.9137	509.0413	499.9001
#2	552.9768	509.9960	511.5448	505.1783

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 03/18/09 17:11:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2746419	-8.30112	-4.64427	1.408446	-.003433	-.000048	-14.5147
SDev	.0633979	6.07368	2.14993	.622339	.043695	.000066	.1711
%RSD	23.08385	73.16698	46.29213	44.18623	1272.793	137.1096	1.178515
#1	.2298128	-12.5959	-6.16450	1.848506	.0274640	-.000001	-14.6356
#2	.3194710	-4.00638	-3.12404	.9683855	-.034330	-.000095	-14.3937

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4373242	.4453934	-.085798	-.142629	2.837816	35.99357	2.262049
SDev	.0579211	.0050855	.207146	.187720	6.682911	1.75524	1.724214
%RSD	13.24444	1.141800	241.4343	131.6146	235.4949	4.876538	76.22356
#1	.4782806	.4489894	.0606763	-.009890	7.563348	37.23472	3.481253
#2	.3963677	.4417974	-.232272	-.275367	-1.88772	34.75243	1.042845

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.270028	2.821652	-1.71591	.7837079	1.445198	.4349429	3.310395
SDev	.054570	2.585970	.54943	.4575217	.283394	2.904451	4.335021
%RSD	20.20899	91.64736	32.01972	58.37910	19.60934	667.7776	130.9518
#1	-.231441	4.650209	-2.10442	.4601913	1.244809	2.488700	6.375719
#2	-.308615	.9930955	-1.32741	1.107225	1.645588	-1.61881	.2450724

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.441783	-.990446	2.660445	-1.19208	3.692755	1.007023	-.641711
SDev	1.536863	1.507347	1.177492	3.73426	1.242493	.025107	.083344
%RSD	28.24190	152.1887	44.25923	313.2571	33.64678	2.493145	12.98774
#1	4.355057	.0754091	1.827832	1.448446	4.571331	.9892700	-.700644
#2	6.528510	-2.05630	3.493058	-3.83260	2.814180	1.024776	-.582778

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3.516025	1.889015	-.085873	.2264828
SDev	2.909457	2.067315	.000004	.2779188
%RSD	82.74847	109.4388	.0041841	122.7108
#1	5.573321	3.350827	-.085870	.4230011
#2	1.458728	.4272022	-.085876	.0299645

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 25397

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP (✓)EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Matt Rt Date 3/23/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W032009 Autosampler Type: TYPE TJA
Sample Positions: 141/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	45	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	51	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	1	QC Standard
9	1	9	CCB	-NA-	1	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-25351/1-A	1	-NA-	Sample
2	1	2	LCS 220-25351/2-A	1	-NA-	Sample
3	1	3	220-8425-H-1-A	1	-NA-	Sample
4	1	4	220-8425-H-1-B DU	1	-NA-	Sample
5	1	5	220-8425-H-1-C MS	1	-NA-	Sample
6	1	6	220-8425-H-1-A SD@5	1	-NA-	Sample
7	1	7	220-8385-B-1-B	1	-NA-	Sample
8	1	8	MB 220-25211/1-A	1	-NA-	Sample
9	1	9	LCS 220-25211/2-A	1	-NA-	Sample
10	1	10	220-8369-D-9-A	1	-NA-	Sample
11	1	11	220-8369-D-10-A	1	-NA-	Sample
12	1	12	220-8369-D-11-A	1	-NA-	Sample
13	2	1	220-8369-D-12-A	1	-NA-	Sample
14	2	2	220-8369-D-13-A	1	-NA-	Sample
15	2	3	220-8369-D-14-A	1	-NA-	Sample
16	2	4	220-8369-D-15-A	1	-NA-	Sample
17	2	5	220-8369-D-16-A	1	-NA-	Sample
18	2	6	220-8369-D-17-A @5 MP 3/20/09	1	-NA-	Sample
19	2	7	220-8369-D-18-A	1	-NA-	Sample
20	2	8	220-8369-D-19-A	1	-NA-	Sample
21	2	9	220-8369-D-19-B DU	1	-NA-	Sample
22	2	10	220-8369-D-19-C MS	1	-NA-	Sample
23	2	11	220-8369-D-19-D MSD	1	-NA-	Sample
24	2	12	220-8369-D-19-A SD@5	1	-NA-	Sample
25	3	1	220-8369-D-20-A	1	-NA-	Sample
26	3	2	220-8384-D-9-A	1	-NA-	Sample
27	3	3	220-8384-D-10-A	1	-NA-	Sample
28	3	4	220-8384-D-11-A	1	-NA-	Sample
29	3	5	220-8378-A-4-A	1	-NA-	Sample
30	3	6	220-8385-A-1-A	1	-NA-	Sample
31	3	7	220-8385-A-2-A	1	-NA-	Sample
32	3	8	220-8385-A-3-A	1	-NA-	Sample
33	3	9	220-8385-A-4-A	1	-NA-	Sample
34	3	10	220-8384-A-1-D	1	-NA-	Sample
35	3	11	220-8384-A-3-D @2	1	-NA-	Sample
36	3	12	220-8384-A-5-D @2	1	-NA-	Sample
37	4	1	220-8384-A-7-D	1	-NA-	Sample
38	4	2	220-8384-A-12-D @2	1	-NA-	Sample
39	4	3	220-8378-A-10-A @10	1	-NA-	Sample
40	4	4	220-8378-A-12-A @100	1	-NA-	Sample
41	4	5	220-8299-F-1-C @25	1	-NA-	Sample
42	4	6	220-8299-G-1-A @25	1	-NA-	Sample
43	4	7	220-8299-F-2-A @25	1	-NA-	Sample
44	4	8	220-8299-G-2-A @25	1	-NA-	Sample
45	4	9	220-8299-F-3-A @25	1	-NA-	Sample
46	4	10	220-8299-G-3-A @25	1	-NA-	Sample
47	4	11	220-8299-F-4-A @25	1	-NA-	Sample
48	4	12	220-8299-G-4-A @25	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	220-8299-F-5-A @25	1	-NA-	Sample
2	1	2	220-8299-G-5-A @25	1	-NA-	Sample
3	1	3	(empty)	1	-NA-	-NA-
(4...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 03/20/09 10:10:17

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00520	.08393	.00543	.0992	.00013	-.00627	.00397
SDev	.00500	.00330	.00605	.0003	.00047	.00028	.00052
%RSD	96.094	3.9315	111.51	.2851	353.55	4.5135	13.073
#1	-.00873	.08627	.00970	.0990	-.00020	-.00647	.00360
#2	-.00167	.08160	.00115	.0994	.00047	-.00607	.00433

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00380	-.00013	.00150	.03660	-.00897	.02100	.00077
SDev	.00019	.00038	.00137	.00028	.00127	.00047	.00090
%RSD	4.9622	282.84	91.138	.77279	14.195	2.2448	116.83
#1	.00393	-.00040	.00053	.03680	-.00987	.02067	.00013
#2	.00367	.00013	.00247	.03640	-.00807	.02133	.00140

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00127	-.00857	.19793	-.00313	.01433	-.00253	-.02633
SDev	.00028	.00090	.00160	.00019	.00038	.00085	.01395
%RSD	22.330	10.455	.80976	6.0179	2.6311	33.495	52.988
#1	.00107	-.00920	.19680	-.00300	.01407	-.00193	-.01647
#2	.00147	-.00793	.19907	-.00327	.01460	-.00313	-.03620

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	.00423	-.02807	.02003	-.00063	-.00093	.3173	-.00147
SDev	.01221	.00047	.00165	.00118	.00038	.0023	.00132
%RSD	288.41	1.6796	8.2358	186.08	40.406	.7132	89.995
#1	-.00440	-.02773	.01887	.00020	-.00120	.3189	-.00053
#2	.01287	-.02840	.02120	-.00147	-.00067	.3157	-.00240

Elem	Sr4215	Ti3349
Avge	.00133	-.01350
SDev	.00038	.00137
%RSD	28.284	10.126
#1	.00107	-.01447
#2	.00160	-.01253

Method: STL3 Standard: STD2
Run Time: 03/20/09 10:16:07

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.80857	4.8352	1.2809	2.428	9.7394	3.6444	13.889
SDev	.00910	.0114	.0158	.025	.0265	.0395	.205
%RSD	1.1252	.23497	1.2368	1.023	.27250	1.0827	1.4792
#1	.80213	4.8271	1.2697	2.410	9.7206	3.6165	13.743
#2	.81500	4.8432	1.2921	2.445	9.7581	3.6723	14.034

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.0850	1.4745	3.8733	3.9567	1.7888	1.3338	9.5534
SDev	.0901	.0242	.0545	.0085	.0185	.0036	.0419
%RSD	1.1142	1.6401	1.4081	.21446	1.0330	.26860	.43818
#1	8.0213	1.4574	3.8347	3.9507	1.7757	1.3313	9.5238
#2	8.1487	1.4916	3.9119	3.9627	1.8019	1.3363	9.5830

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.3358	2.1070	100.91	3.9890	1.9301	.62230	3.9787
SDev	.0567	.0409	.14	.0304	.0215	.00354	.0339
%RSD	1.3079	1.9420	.14178	.76224	1.1162	.56815	.85308
#1	4.2957	2.0781	100.81	3.9675	1.9149	.62480	3.9547
#2	4.3759	2.1359	101.01	4.0105	1.9453	.61980	4.0027

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.4726	2.1956	1.8276	1.7739	.57290	1.593	1.4583
SDev	.0373	.0417	.0151	.0202	.00853	.014	.0221
%RSD	1.0738	1.8980	.82799	1.1374	1.4893	.8638	1.5129
#1	3.4462	2.1661	1.8169	1.7597	.56687	1.584	1.4427
#2	3.4989	2.2251	1.8383	1.7882	.57893	1.603	1.4739

Elem	Sr4215	Ti3349
Avge	11.067	12.140
SDev	.074	.119
%RSD	.66834	.98126
#1	11.014	12.056
#2	11.119	12.224

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	122.663	.637847	03/20/09 10:16:07
Al3082	308.215	STD2	STD1	2319.44	-194.678	03/20/09 10:16:07
As1890	189.042	STD2	STD1	782.244	-4.24461	03/20/09 10:16:07
B_2496	249.678	STD2	STD1	430.541	-42.7096	03/20/09 10:16:07
Ba4934	493.409	STD2	STD1	102.677	-.013690	03/20/09 10:16:07
Be3130	313.042	STD2	STD1	273.884	1.71634	03/20/09 10:16:07
Ca3179	317.933	STD2	STD1	3601.09	-14.2843	03/20/09 10:16:07
Cd2265	226.502	STD2	STD1	124.010	-.471239	03/20/09 10:16:07
Co2286	228.616	STD2	STD1	678.493	.090466	03/20/09 10:16:07
Cr2677	267.716	STD2	STD1	258.271	-.387407	03/20/09 10:16:07
Cu3247	324.753	STD2	STD1	255.175	-9.33941	03/20/09 10:16:07
Fe2714	271.441	STD2	STD1	6162.21	55.2545	03/20/09 10:16:07
K_7664	766.491	STD2	STD1	38086.5	-799.817	03/20/09 10:16:07
Mg2790	279.078	STD2	STD1	5233.49	-4.01234	03/20/09 10:16:07
Mn2576	257.610	STD2	STD1	230.683	-.292198	03/20/09 10:16:07
Mo2020	202.030	STD2	STD1	472.687	4.04935	03/20/09 10:16:07
Na5889	588.995	STD2	STD1	496.461	-98.2663	03/20/09 10:16:07
Ni2316	231.604	STD2	STD1	249.950	.783176	03/20/09 10:16:07
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	518.733	-7.43517	03/20/09 10:16:07
Tl1908	190.864	STD2	STD1	1589.99	4.02798	03/20/09 10:16:07
2203/1	220.351	STD2	STD1	250.207	6.58879	03/20/09 10:16:07
2203/2	220.352	STD2	STD1	287.720	-1.21801	03/20/09 10:16:07
1960/1	196.021	STD2	STD1	449.741	12.6227	03/20/09 10:16:07
1960/2	196.022	STD2	STD1	550.068	-11.0197	03/20/09 10:16:07
V_2924	292.402	STD2	STD1	557.771	.353255	03/20/09 10:16:07
Zn2062	206.200	STD2	STD1	1742.85	1.62666	03/20/09 10:16:07
Si2881	288.158	STD2	STD1	784.979	-249.048	03/20/09 10:16:07
Sn1899	189.989	STD2	STD1	684.098	1.00334	03/20/09 10:16:07
Sr4215	421.552	STD2	STD1	90.4664	-.120622	03/20/09 10:16:07
Ti3349	334.941	STD2	STD1	82.3274	1.11142	03/20/09 10:16:07

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 03/20/09 10:21:57
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	105.8884	10028.50	1063.154	1009.772	1014.512	1013.001	24866.34
SDev	.3777	1.84	8.200	1.610	.653	2.699	208.46
%RSD	.3566510	.0183573	.7712740	.1594613	.0644114	.2664357	.8383266
#1	105.6213	10029.80	1057.356	1008.634	1014.974	1011.092	24718.94
#2	106.1554	10027.20	1068.952	1010.911	1014.050	1014.909	25013.74

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1028.950	1032.385	1035.158	1009.377	10204.10	48442.27	24922.10
SDev	6.440	7.051	7.962	.814	44.49	30.52	45.92
%RSD	.6259067	.6829857	.7691687	.0806277	.4360253	.0630061	.1842562
#1	1024.396	1027.399	1029.528	1008.801	10172.65	48420.68	24889.63
#2	1033.504	1037.371	1040.789	1009.952	10235.57	48463.85	24954.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1043.592	1036.633	48598.61	1028.692	1007.781	1006.631	1010.857
SDev	5.372	11.431	23.68	2.785	9.681	.033	8.985
%RSD	.5147947	1.102706	.0487309	.2707667	.9606198	.0032541	.8888896
#1	1039.793	1028.550	48581.86	1026.722	1000.935	1006.654	1004.503
#2	1047.390	1044.716	48615.35	1030.661	1014.626	1006.608	1017.210

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1011.585	1016.026	1003.663	1005.262	1009.371	1015.715	1038.721
SDev	3.251	9.917	9.563	1.718	3.343	4.010	4.438
%RSD	.3213460	.9760973	.9528086	.1709055	.3312052	.3948230	.4273035
#1	1009.287	1009.014	996.9012	1006.477	1007.008	1012.879	1035.583
#2	1013.884	1023.039	1010.425	1004.047	1011.735	1018.551	1041.860

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1106.338	1028.201	1024.263	1007.880
SDev	4.763	5.263	3.876	4.459
%RSD	.4304768	.5118305	.3784615	.4423663
#1	1102.970	1024.480	1021.522	1004.727
#2	1109.705	1031.922	1027.004	1011.032

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 03/20/09 10:27:42
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1395742	4.318716	-6.01077	1.950716	.0342258	-.082052	.0000000
SDev	.0699127	4.154484	1.76756	1.014424	.0290416	.167989	.5092703
%RSD	50.08996	96.19720	29.40648	52.00266	84.85281	204.7345	.0000000
#1	.1890100	7.256380	-7.26062	2.668022	.0547613	.0367340	.3601084
#2	.0901385	1.381053	-4.76092	1.233410	.0136903	-.200838	-.360108

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.067950	-.035813	.4218935	.0918072	10.05983	-10.1563	.3481119
SDev	.024073	.200333	.2436115	.2301861	3.47233	.0000	.7399881
%RSD	35.42789	559.3837	57.74242	250.7277	34.51684	.0000000	212.5719
#1	-.084973	.1058439	.2496341	-.070959	12.51514	-10.1563	-.175139
#2	-.050928	-.177470	.5941528	.2545733	7.604515	-10.1563	.8713626

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.123014	4.963209	-4.08753	-.008564	-.967931	1.521455	8.714849
SDev	.021720	4.278271	.39786	.081956	1.796897	1.081997	4.921436
%RSD	17.65638	86.19969	9.733491	956.9610	185.6430	71.11596	56.47184
#1	-.107656	7.988404	-4.36886	-.066516	.3026667	2.286542	12.19483
#2	-.138373	1.938015	-3.80620	.0493874	-2.23853	.7563673	5.234869

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7975376	-1.78843	-.558948	-.779708	6.129490	.1821061	-.350489
SDev	8.918545	2.77538	1.308317	1.271667	.702089	.3232500	.162276
%RSD	1118.260	155.1856	234.0679	163.0952	11.45427	177.5064	46.29998
#1	-5.50883	.1740637	.3661721	.1194960	6.625942	-.046466	-.235743
#2	7.103901	-3.75092	-1.48407	-1.67891	5.633038	.4106784	-.465236

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2.481715	13.08994	.0090466	.5679674
SDev	.135500	5.03145	.0042539	.4968021
%RSD	5.459951	38.43753	47.02229	87.47018
#1	2.385902	16.64771	.0120546	.9192596
#2	2.577529	9.532167	.0060386	.2166753

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 03/20/09 10:33:28
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.88877	409.6446	14.77392	37.63357	10.74349	10.83383	563.8101
SDev	.09245	3.2713	2.59387	.26307	.02420	.02578	6.1112
%RSD	.8490459	.7985800	17.55708	.6990280	.2252689	.2379805	1.083916
#1	10.82339	407.3314	16.60806	37.44755	10.72638	10.81560	559.4888
#2	10.95414	411.9578	Q12.93977	37.81958	10.76060	10.85206	568.1313

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.07806	10.88567	11.60436	10.50965	228.3488	364.3612	512.0805
SDev	.28506	.25510	.28019	.05992	7.2407	1.7954	6.4142
%RSD	2.573180	2.343426	2.414531	.5701492	3.170890	.4927495	1.252580
#1	10.87649	10.70529	11.40623	10.55202	223.2289	365.6308	507.5449
#2	11.27962	11.06605	11.80248	10.46728	233.4688	363.0917	516.6160

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.06615	33.89163	458.2504	11.20973	9.414599	30.34690	34.57440
SDev	.03258	.31196	2.5978	.48252	1.349619	1.91804	.24578
%RSD	.2943979	.9204539	.5668928	4.304486	14.33539	6.320373	.7108773
#1	11.08918	34.11222	456.4135	11.55093	10.36892	31.70316	34.40060
#2	11.04311	33.67104	460.0873	10.86854	8.460274	28.99065	34.74819

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.99153	10.28028	8.981605	28.69329	33.65801	12.13542	33.84697
SDev	7.49192	.24853	1.899336	1.73833	2.27785	.49619	.08199
%RSD	24.98014	2.417568	21.14696	6.058312	6.767642	4.088777	.2422377
#1	35.28912	10.45602	10.32464	29.92247	35.26869	11.78457	33.78900
#2	24.69393	10.10454	7.638571	27.46410	32.04732	12.48628	33.90495

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	37.25828	38.28400	11.05522	32.52138
SDev	.59129	.54842	.03399	.03871
%RSD	1.587006	1.432495	.3074437	.1190305
#1	36.84017	37.89621	11.03118	32.49400
#2	37.67638	38.67178	11.07925	32.54875

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 03/20/09 10:39:13
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.077049	441443.4	-6.77635	17.12350	1.139720	-.193037	438359.6
SDev	.190726	450.6	2.28461	.13370	.014521	.038703	5159.2
%RSD	247.5388	.1020701	33.71449	.7807938	1.274064	20.04927	1.176945
#1	-.211913	441124.8	-8.39181	17.21804	1.129452	-.220404	434711.5
#2	.0578148	441762.0	-5.16088	17.02896	1.149988	-.165670	442007.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.86809	-3.47643	1.874099	.9368792	182698.0	19.04330	461414.1
SDev	.02131	.38223	.474891	.0964705	971.9	1.79540	2922.3
%RSD	1.140561	10.99502	25.33969	10.29700	.5319930	9.427970	.6333299
#1	-1.85303	-3.74671	1.538301	.8686642	182010.7	17.77376	459347.7
#2	-1.88316	-3.20615	2.209898	1.005094	183385.2	20.31284	463480.4

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.773711	-2.22163	52.54216	-1.44450	1.400990	-2.90068	.5344741
SDev	.010903	.66848	.21062	.62167	.601646	1.75440	1.684704
%RSD	.1115532	30.08965	.4008660	43.03740	42.94439	60.48248	315.2077
#1	9.766002	-1.74894	52.39323	-1.00491	1.826418	-1.66013	-.656791
#2	9.781421	-2.69431	52.69110	-1.88409	.9755613	-4.14122	1.725739

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.840736	.7172432	1.741550	-5.73375	2.772881	2.439252	-13.1396
SDev	1.276468	5.976307	2.081655	1.14177	2.981639	.294984	1.6638
%RSD	26.36930	833.2330	119.5289	19.91318	107.5286	12.09321	12.66245
#1	3.938137	4.943130	.2695980	-4.92640	4.881218	2.230667	-14.3161
#2	5.743336	-3.50864	3.213503	-6.54111	.6645431	2.647838	-11.9631

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	106.0482	3.352007	1.345847	-4.66931
SDev	1.4290	2.399217	.069963	.00496
%RSD	1.347526	71.57553	5.198445	.1062005
#1	105.0378	5.048510	1.395318	-4.66580
#2	107.0587	1.655505	1.296375	-4.67282

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 03/20/09 10:44:58
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	219.7315	436304.2	95.64615	31.78320	493.7795	472.1828	434589.3
SDev	1.5153	846.0	2.64673	.54489	1.9797	4.5443	4370.9
%RSD	.6896151	.1939035	2.767211	1.714386	.4009272	.9624110	1.005752
#1	218.6600	435706.0	93.77463	32.16849	492.3796	468.9695	431498.6
#2	220.8030	436902.4	97.51767	31.39791	495.1793	475.3961	437680.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	946.6062	466.7827	476.6522	550.2043	180713.7	17.77376	456423.9
SDev	4.4767	2.8180	5.6864	.6011	522.9	.00000	3039.0
%RSD	.4729198	.6037172	1.192977	.1092521	.2893618	.0000000	.6658214
#1	943.4407	464.7900	472.6313	549.7793	180344.0	17.77376	454275.0
#2	949.7717	468.7754	480.6731	550.6294	181083.5	17.77376	458572.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	489.8212	-1.49684	72.40062	941.1577	48.44700	48.09779	573.5168
SDev	2.5558	1.60435	.53828	8.9211	.20757	1.22029	30.5417
%RSD	.5217901	107.1825	.7434697	.9478806	.4284480	2.537095	5.325331
#1	488.0140	-2.63129	72.78123	934.8496	48.30022	47.23492	551.9207
#2	491.6284	-.362393	72.02000	947.4658	48.59377	48.96067	595.1131

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.23177	47.96510	48.68689	45.36496	53.57047	477.3421	941.3738
SDev	9.48307	3.67393	1.52288	.24131	4.14816	3.6118	11.7861
%RSD	9.556487	7.659595	3.127896	.5319406	7.743374	.7566516	1.252013
#1	92.52622	45.36723	49.76373	45.53560	50.63728	474.7881	933.0398
#2	105.9373	50.56296	47.61005	45.19432	56.50366	479.8960	949.7079

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	232.6223	2.879182	1.400900	-4.56600
SDev	2.5288	.203973	.036349	.01954
%RSD	1.087093	7.084421	2.594674	.4280403
#1	230.8342	2.734951	1.426602	-4.57982
#2	234.4105	3.023413	1.375197	-4.55218

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/20/09 10:50:42
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.31451	4879.440	523.9702	496.0901	505.4642	510.3209	19121.53
SDev	.76459	32.363	2.7880	7.6398	3.5092	4.8679	268.73
%RSD	1.434119	.6632504	.5320889	1.540004	.6942544	.9538853	1.405355
#1	52.77387	4856.557	521.9988	490.6879	502.9828	506.8788	18931.51
#2	53.85516	4902.325	525.9416	501.4923	507.9456	513.7630	19311.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.2352	521.5688	525.2355	495.3591	5166.151	18549.41	18660.59
SDev	6.4238	6.1493	7.4757	2.6436	34.960	16.16	122.89
%RSD	1.246779	1.178999	1.423300	.5336781	.6767129	.0871105	.6585767
#1	510.6928	517.2206	519.9493	493.4898	5141.431	18537.99	18573.69
#2	519.7775	525.9171	530.5216	497.2284	5190.872	18560.84	18747.49

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	528.1937	515.1023	20782.90	514.5966	503.5837	493.8324	524.7667
SDev	5.2964	8.4451	51.35	2.8186	6.2667	5.5932	14.3379
%RSD	1.002729	1.639500	.2470624	.5477275	1.244430	1.132619	2.732251
#1	524.4486	509.1307	20746.59	512.6035	499.1524	489.8774	534.9052
#2	531.9388	521.0739	20819.21	516.5896	508.0149	497.7874	514.6282

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	493.4448	503.6247	503.5625	491.3953	498.7128	510.7696	521.4031
SDev	4.3744	5.0724	6.8631	6.4861	3.8049	5.2412	8.7929
%RSD	.8865119	1.007184	1.362911	1.319940	.7629541	1.026137	1.686395
#1	490.3516	500.0380	498.7095	486.8089	496.0223	507.0635	515.1856
#2	496.5380	507.2115	508.4154	495.9817	501.4033	514.4756	527.6207

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	537.9117	504.4000	515.7998	504.7590
SDev	5.8049	10.6799	2.9711	4.1241
%RSD	1.079160	2.117340	.5760114	.8170489
#1	533.8071	496.8481	513.6989	501.8428
#2	542.0165	511.9518	517.9006	507.6752

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/20/09 10:56:27
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3069157	23.51189	-5.24045	.2145837	-.017113	-.264652	-.360108
SDev	.1910409	2.40379	.17586	.0198405	.004840	.090338	.339513
%RSD	62.24540	10.22373	3.355912	9.246021	28.28427	34.13470	94.28090
#1	.4420020	25.21163	-5.36481	.2286131	-.020536	-.328531	-.120036
#2	.1718294	21.81216	-5.11610	.2005544	-.013690	-.200774	-.600181

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0599954	.1851759	.1807087	-.162371	8.617535	-5.07816	-.001280
SDev	.1696267	.5154502	.1947652	.012739	1.416796	3.59084	1.233684
%RSD	282.7330	278.3570	107.7786	7.845727	16.44085	70.71156	96392.08
#1	-.059949	.5496543	.3184285	-.171379	9.619360	-7.61727	-.873626
#2	.1799396	-.179302	.0429888	-.153363	7.615708	-2.53905	.8710668

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.199980	2.111333	.3806190	-.807620	-.595737	-.361148	8.328030
SDev	.021754	1.849461	.0702114	.340826	.578715	1.538171	5.065096
%RSD	10.87826	87.59682	18.44664	42.20128	97.14275	425.9114	60.81986
#1	-.215363	3.419100	.4302659	-1.04862	-.186524	-1.44880	11.90959
#2	-.184597	.8035670	.3309720	-.566620	-1.00495	.7265029	4.746466

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.85294	-2.97116	.5894944	-3.37306	5.670629	-.610087	-.466598
SDev	.37366	.11512	.9249716	2.56548	.519679	.059475	.327978
%RSD	20.16597	3.874571	156.9093	76.05791	9.164393	9.748634	70.29129
#1	-2.11716	-3.05256	1.243548	-5.18713	6.038097	-.652143	-.234683
#2	-1.58872	-2.88976	-.064559	-1.55899	5.303160	-.568032	-.698514

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.431473	8.848047	-.006024	.1810759
SDev	4.321595	2.257605	.000007	.1435379
%RSD	1001.590	25.51529	.1183647	79.26943
#1	2.624356	10.44441	-.006029	.2825725
#2	-3.48730	7.251680	-.006018	.0795793

Method: STL3 Sample Name: MB 220-25351/1-A Operator: NP
Run Time: 03/20/09 11:02:11
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1021482	22.40765	-5.66964	20.02007	.0444936	-.246527	24.60742
SDev	.0982893	1.97208	1.76191	.42641	.0145208	.012878	.00000
%RSD	96.22224	8.800931	31.07615	2.129927	32.63570	5.223962	.0000000
#1	.1716493	21.01317	-4.42378	20.32159	.0547613	-.237421	24.60742
#2	.0326472	23.80212	-6.91549	19.71855	.0342258	-.255633	24.60742

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1639265	.0239993	.3100410	3.818980	1.428935	11.42600	1.396680
SDev	.0651535	.0317503	.0851635	.108286	4.647254	1.79540	.740127
%RSD	39.74555	132.2969	27.46846	2.835470	325.2250	15.71325	52.99188
#1	.2099970	.0015484	.2498213	3.742411	-1.85717	10.15647	1.920029
#2	.1178560	.0464502	.3702607	3.895550	4.715040	12.69554	.8733311

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1692268	.8508356	50.27499	-.431243	-.291843	-.399486	2.553857
SDev	.0000190	.0222827	11.42087	.718752	.400392	.325205	1.789659
%RSD	.0112075	2.618925	22.71681	166.6698	137.1944	81.40584	70.07669
#1	.1692402	.8665919	58.35077	.0769913	-.008723	-.629440	3.819337
#2	.1692133	.8350793	42.19922	-.939477	-.574963	-.169531	1.288377

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.33687	-.519037	-.179216	-1.79905	2.402843	.6596355	2.090591
SDev	.67359	.047266	.623886	1.78090	2.590552	.2106552	.328985
%RSD	20.18622	9.106391	348.1191	98.99104	107.8120	31.93509	15.73647
#1	-2.86057	-.552459	.2619377	-3.05833	4.234640	.8085913	2.323219
#2	-3.81317	-.485615	-.620370	-.539764	.5710458	.5106798	1.857963

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	72.41271	9.235523	.0507475	.1501791
SDev	1.24018	3.966438	.0042646	.0465544
%RSD	1.712651	42.94762	8.403611	30.99923
#1	71.53577	12.04022	.0537631	.1172602
#2	73.28965	6.430829	.0477320	.1830980

Method: STL3 Sample Name: LCS 220-25351/2-A Operator: NP
Run Time: 03/20/09 11:07:56
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	637.0847	11988.45	2093.407	2060.709	617.1910	227.9079	62856.36
SDev	4.8378	78.18	16.825	22.588	3.3253	2.6625	1072.18
%RSD	.7593645	.6521176	.8037069	1.096105	.5387743	1.168232	1.705768
#1	633.6638	11933.17	2081.510	2044.737	614.8397	226.0252	62098.21
#2	640.5055	12043.73	2105.304	2076.681	619.5423	229.7906	63614.50

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	635.3314	639.0675	651.8658	633.0069	51701.90	39326.88	30026.45
SDev	7.3056	8.0221	9.5337	2.4184	540.81	192.11	245.26
%RSD	1.149887	1.255276	1.462522	.3820531	1.046015	.4884936	.8168213
#1	630.1656	633.3951	645.1245	631.2968	51319.49	39191.04	29853.03
#2	640.4973	644.7400	658.6072	634.7170	52084.31	39462.73	30199.88

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	437.3938	2134.369	56924.73	632.5568	2077.451	1015.989	2064.245
SDev	4.9922	31.397	289.59	3.7819	28.493	2.495	3.959
%RSD	1.141355	1.470997	.5087303	.5978723	1.371519	.2456146	.1917895
#1	433.8637	2112.169	56719.95	629.8826	2057.304	1014.224	2061.445
#2	440.9238	2156.570	57129.50	635.2310	2097.598	1017.753	2067.044

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2047.932	2087.312	2072.527	1011.297	1025.386	640.5983	652.1421
SDev	13.671	14.542	35.457	3.679	14.863	9.1020	10.8146
%RSD	.6675481	.6966834	1.710827	.3637938	1.449491	1.420855	1.658317
#1	2038.265	2077.029	2047.455	1013.899	1014.876	634.1622	644.4950
#2	2057.599	2097.595	2097.599	1008.696	1035.896	647.0343	659.7891

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2048.845	2151.581	-.970180	2102.314
SDev	22.884	13.703	.013987	16.242
%RSD	1.116936	.6368945	1.441646	.7725879
#1	2032.664	2141.891	-.960290	2090.829
#2	2065.027	2161.271	-.980070	2113.799

Method: STL3 Sample Name: 220-8425-H-1-A Operator: NP
Run Time: 03/20/09 11:13:40
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1624286	429.2322	-1.86999	125.2790	373.0513	-.271473	H164282.2
SDev	.1792397	5.8122	.24508	.0816	.1597	.025959	519.1
%RSD	110.3499	1.354093	13.10618	.0651231	.0428112	9.562177	.3159837
#1	.2891702	425.1223	-2.04329	125.2213	372.9384	-.253118	H163915.1
#2	.0356870	433.3420	-1.69669	125.3367	373.1642	-.289829	H164649.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1298645	.8406406	.3930121	7.760017	358.1261	18394.53	25992.12
SDev	.2319600	.0291136	.1574003	.131519	2.6086	95.16	24.66
%RSD	178.6170	3.463265	40.04975	1.694830	.7283966	.5173113	.0948656
#1	.2938850	.8200542	.2817132	7.853015	359.9706	18327.24	26009.55
#2	-.034156	.8612270	.5043109	7.667019	356.2815	18461.81	25974.68

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	980.6020	16.29193	H123673.6	4.932840	.8812906	1.489092	4.089778
SDev	2.1313	2.29511	79.4	.544987	.1990710	1.190427	1.589892
%RSD	.2173450	14.08743	.0641747	11.04814	22.58858	79.94314	38.87479
#1	979.0950	17.91482	H123617.5	5.318204	.7405261	.6473328	5.214001
#2	982.1091	14.66904	H123729.7	4.547476	1.022055	2.330850	2.965554

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.14120	2.616011	.0144312	.2647086	3.940533	3.845631	8.182398
SDev	6.29597	.454679	.5254558	3.158545	2.751721	.733875	.904345
%RSD	551.6971	17.38061	3641.111	1193.216	69.83120	19.08334	11.05232
#1	-5.59312	2.937517	-.357122	-1.96872	5.886294	4.364559	7.542930
#2	3.310722	2.294504	.3859846	2.498137	1.994772	3.326703	8.821867

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9853.451	-1.46070	1449.190	12.15569
SDev	33.783	1.45006	2.390	.91339
%RSD	.3428544	99.27124	.1649273	7.514062
#1	9829.562	-2.48605	1447.500	12.80155
#2	9877.339	-.435358	1450.880	11.50983

Method: STL3 Sample Name: 220-8425-H-1-B DU Operator: NP
Run Time: 03/20/09 11:19:25
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1614320	387.4746	-2.93511	117.7043	359.1762	-.354582	H156638.4
SDev	.0587868	2.3096	.45583	.3240	.3436	.038741	1827.1
%RSD	36.41582	.5960646	15.53025	.2752757	.0956769	10.92580	1.166436
#1	.1198635	389.1077	-3.25743	117.4752	358.9331	-.381976	H155346.4
#2	.2030006	385.8414	-2.61279	117.9334	359.4191	-.327188	H157930.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.109760	.5049658	.4919627	7.591473	335.3451	17748.32	25064.15
SDev	.200688	.1905273	.0341922	.036409	6.3968	10.77	137.22
%RSD	182.8431	37.73074	6.950152	.4796014	1.907542	.0607027	.5474704
#1	-.251667	.6396890	.4677852	7.617217	330.8218	17740.71	24967.12
#2	.0321482	.3702427	.5161402	7.565728	339.8684	17755.94	25161.17

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	941.5553	12.43166	H120376.7	3.820544	1.080313	5.082566	3.263599
SDev	7.3946	.98044	197.6	.570773	.087572	.937410	.296797
%RSD	.7853630	7.886614	.1641678	14.93958	8.106201	18.44364	9.094175
#1	936.3265	11.73838	H120237.0	3.416946	1.142235	5.745415	3.473467
#2	946.7841	13.12493	H120516.4	4.224141	1.018390	4.419717	3.053732

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.800910	2.437093	.4021394	5.595744	4.053570	4.568265	9.119106
SDev	1.116985	.171640	.2169840	1.443211	.075853	.641215	.411911
%RSD	139.4645	7.042802	53.95741	25.79123	1.871261	14.03630	4.517010
#1	-.011082	2.315726	.5555702	6.616248	3.999934	4.114858	9.410371
#2	-1.59074	2.558461	.2487086	4.575239	4.107206	5.021673	8.827841

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9387.206	-3.74596	1400.203	8.366844
SDev	67.030	3.45011	5.834	.313208
%RSD	.7140584	92.10224	.4166582	3.743439
#1	9339.809	-1.30636	1396.078	8.145373
#2	9434.603	-6.18555	1404.329	8.588316

Method: STL3 Sample Name: 220-8425-H-1-C MS Operator: NP
Run Time: 03/20/09 11:25:09
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.35769	2450.513	40.51404	1228.601	2333.733	52.71507	H165308.0
SDev	.11983	8.970	1.13049	3.582	9.376	.36179	1644.9
%RSD	.2288614	.3660332	2.790374	.2915348	.4017406	.6863198	.9950762
#1	52.44242	2444.170	41.31342	1226.068	2327.103	52.45924	H164144.8
#2	52.27296	2456.855	39.71466	1231.134	2340.362	52.97089	H166471.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.61700	514.9511	202.8920	262.8671	1355.761	30097.25	34846.11
SDev	.73490	5.7014	1.8254	1.3084	28.329	48.48	172.00
%RSD	1.423763	1.107180	.8996876	.4977460	2.089526	.1610674	.4936095
#1	51.09734	510.9195	201.6012	261.9420	1335.730	30062.97	34724.49
#2	52.13665	518.9825	204.1827	263.7923	1375.793	30131.53	34967.74

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1440.890	1123.923	H124690.8	511.9338	18.89227	52.82278	1214.937
SDev	7.243	8.490	104.4	6.6284	.96783	3.38099	1.293
%RSD	.5026703	.7553618	.0836942	1.294779	5.122871	6.400633	.1063918
#1	1435.768	1117.920	H124617.0	507.2469	19.57662	50.43205	1214.023
#2	1446.011	1129.926	H124764.6	516.6209	18.20791	55.21350	1215.851

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.37528	22.69129	16.99469	50.90021	56.67269	511.6788	521.9230
SDev	6.34091	2.00437	.45048	4.55718	1.02509	4.9526	4.5988
%RSD	12.10668	8.833234	2.650720	8.953158	1.808794	.9679195	.8811313
#1	56.85897	24.10860	17.31323	47.67780	55.94784	508.1768	518.6711
#2	47.89158	21.27398	16.67616	54.12262	57.39754	515.1808	525.1748

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10251.86	1132.848	1380.082	1101.964
SDev	82.53	6.680	4.405	3.377
%RSD	.8050028	.5896615	.3191840	.3064892
#1	10193.51	1128.124	1376.968	1099.576
#2	10310.22	1137.571	1383.197	1104.352

Method: STL3 Sample Name: 220-8425-H-1-A SD@5 Operator: NP
Run Time: 03/20/09 11:30:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0500811	92.04581	-6.33231	28.89623	77.33327	-.273401	34966.79
SDev	.0115391	.11250	.35646	.81352	.26621	.025751	568.17
%RSD	23.04094	.1222193	5.629283	2.815299	.3442395	9.418591	1.624896
#1	.0419216	92.12535	-6.58437	29.47147	77.14503	-.291610	34565.03
#2	.0582405	91.96626	-6.08026	28.32099	77.52151	-.255193	35368.55

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.002811	.0670765	.3804742	.6611739	74.53931	2818.404	5331.307
SDev	.007037	.6028872	.5229238	.0489798	9.25347	28.727	34.059
%RSD	250.3616	898.8049	137.4400	7.408009	12.41422	1.019255	.6388464
#1	.0021652	-.359229	.0107112	.6265399	67.99612	2798.091	5307.224
#2	-.007787	.4933821	.7502372	.6958079	81.08250	2838.717	5355.390

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	210.4982	6.664881	33445.50	.2616318	.1545389	-1.22583	2.893550
SDev	2.0771	2.183700	271.69	.3768613	.0034555	2.35710	2.277569
%RSD	.9867362	32.76428	.8123342	144.0426	2.236009	192.2864	78.71196
#1	209.0294	8.208990	33253.38	-.004849	.1569823	-2.89255	4.504035
#2	211.9669	5.120771	33637.61	.5281130	.1520955	.4408937	1.283065

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.47858	.5460246	-.041710	-2.74813	1.822253	1.388664	1.598939
SDev	2.46789	1.415051	.701284	3.05299	.963082	.345044	.657979
%RSD	166.9095	259.1551	1681.332	111.0934	52.85120	24.84721	41.15096
#1	.2664817	1.546617	-.537593	-4.90693	1.141251	1.144680	1.133678
#2	-3.22364	-.454567	.4541727	-.589341	2.503255	1.632647	2.064200

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2025.189	-.496990	307.9974	2.703863
SDev	12.527	3.482861	2.0180	.160807
%RSD	.6185585	700.7908	.6552071	5.947321
#1	2016.331	1.965764	306.5704	2.817571
#2	2034.047	-2.95974	309.4244	2.590155

Method: STL3 Sample Name: 220-8385-B-1-B Operator: NP
Run Time: 03/20/09 11:36:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.682446	27.13430	-7.37481	583.5425	88.03226	-.319632	H141420.3
SDev	.166302	4.71945	3.52082	6.8595	.44046	.038870	1657.8
%RSD	24.36854	17.39293	47.74122	1.175501	.5003434	12.16073	1.172274
#1	-.800040	30.47146	-9.86440	578.6921	87.72080	-.292147	H140248.0
#2	-.564853	23.79715	-4.88521	588.3929	88.34371	-.347117	H142592.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.936502	6.442878	-5.02211	9.169462	-1.02367	22246.35	57477.39
SDev	.497652	.192202	.19165	.072161	2.34392	199.29	316.16
%RSD	25.69853	2.983172	3.816121	.7869687	228.9723	.8958364	.5500591
#1	1.584609	6.306970	-4.88659	9.118437	.6337317	22105.43	57253.83
#2	2.288395	6.578785	-5.15763	9.220488	-2.68107	22387.27	57700.94

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18356.00	.0157561	H161687.8	15.66388	-.310108	-.295734	-.265523
SDev	134.89	.0891306	159.7	1.31389	.309743	1.167452	2.225332
%RSD	.7348417	565.6902	.0987679	8.388041	99.88232	394.7640	838.0942
#1	18260.62	-.047269	H161574.9	14.73482	-.529129	.5297790	-1.83907
#2	18451.38	.0787809	H161800.8	16.59294	-.091087	-1.12125	1.308024

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.81951	4.235173	-2.57999	1.423497	-3.74036	.1675930	10.21825
SDev	1.33357	.178024	.37543	2.341410	1.18399	.9475375	.25857
%RSD	34.91478	4.203470	14.55171	164.4829	31.65444	565.3801	2.530517
#1	-2.87653	4.109291	-2.84546	3.079124	-4.57757	-.502417	10.40109
#2	-4.76249	4.361055	-2.31452	-.232130	-2.90315	.8376033	10.03541

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	20408.84	L-23.8525	665.1879	-.494493
SDev	132.40	.3224	4.3620	.006633
%RSD	.6487259	1.351832	.6557571	1.341448
#1	20315.22	L-24.0805	662.1035	-.499183
#2	20502.46	L-23.6245	668.2723	-.489802

Method: STL3 Sample Name: MB 220-25211/1-A Operator: NP
Run Time: 03/20/09 11:42:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0736268	18.38641	-5.15540	15.11108	.0821420	-.301327	2.640797
SDev	.0347602	.43735	3.55353	.06059	.0000000	.012910	.509271
%RSD	47.21131	2.378641	68.92841	.4009392	.0000000	4.284496	19.28474
#1	.0490477	18.07716	-7.66812	15.15393	.0821420	-.310456	3.000906
#2	.0982060	18.69566	-2.64267	15.06824	.0821420	-.292198	2.280688

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.069809	-.203773	.3182198	.2297874	11.71398	12.69554	1.928149
SDev	.040006	.097344	.1217538	.3732028	5.81672	7.18169	.987184
%RSD	57.30808	47.77100	38.26090	162.4122	49.65621	56.56858	51.19853
#1	-.041520	-.272606	.2321269	.4936816	15.82702	7.617322	2.626193
#2	-.098097	-.134940	.4043128	-.034107	7.600936	17.77376	1.230105

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.437991	.1418057	30.99574	-.414458	-.273738	-3.74017	.1950048
SDev	.054377	.5793492	11.44427	.342254	1.091844	1.90087	.2199239
%RSD	3.781475	408.5515	36.92207	82.57859	398.8644	50.82315	112.7787
#1	1.476442	-.267856	39.08806	-.656468	.4983119	-2.39605	.3505145
#2	1.399541	.5514674	22.90342	-.172448	-1.04579	-5.08429	.0394951

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.46031	-2.63135	.9025022	-6.41634	1.619203	.7635997	1.160815
SDev	1.65070	.22367	1.748616	1.69621	2.310816	.0464100	.493230
%RSD	25.55146	8.500293	193.7519	26.43578	142.7132	6.077792	42.48992
#1	-5.29309	-2.78951	2.138960	-5.21694	3.253197	.7964165	.8120494
#2	-7.62754	-2.47319	-.333956	-7.61575	-.014790	.7307829	1.509581

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	64.48515	3.443638	-.075444	.0952676
SDev	3.80915	.096889	.012805	.0232498
%RSD	5.907023	2.813571	16.97227	24.40472
#1	67.17863	3.512149	-.084498	.1117077
#2	61.79167	3.375127	-.066390	.0788275

Method: STL3 Sample Name: LCS 220-25211/2-A Operator: NP
Run Time: 03/20/09 11:48:06
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	312.9070	5838.456	1043.971	1020.669	306.3691	111.0492	31248.67
SDev	1.5335	36.123	7.163	10.981	1.4521	.6335	251.24
%RSD	.4900965	.6187000	.6861131	1.075820	.4739659	.5704681	.8039970
#1	311.8226	5812.913	1038.906	1012.905	305.3423	110.6012	31071.01
#2	313.9914	5863.998	1049.036	1028.434	307.3959	111.4971	31426.32

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	315.0897	317.6573	324.1675	306.9550	25863.95	18593.85	14976.33
SDev	2.8077	2.8245	2.7153	1.6562	175.52	.00	94.25
%RSD	.8910829	.8891522	.8376252	.5395728	.6786224	.0000000	.6293468
#1	313.1044	315.6601	322.2475	305.7839	25739.84	18593.85	14909.68
#2	317.0751	319.6544	326.0876	308.1262	25988.06	18593.85	15042.98

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	218.5852	1057.242	30122.05	313.2839	1025.968	505.1007	1019.987
SDev	1.6858	10.183	27.55	.0522	10.867	.6974	4.162
%RSD	.7712318	.9631785	.0914506	.0166484	1.059179	.1380793	.4080424
#1	217.3931	1050.042	30102.57	313.2471	1018.284	505.5939	1017.044
#2	219.7772	1064.443	30141.53	313.3208	1033.652	504.6076	1022.930

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1007.269	1033.065	1022.425	499.8932	515.5304	317.9925	321.1961
SDev	2.158	4.195	14.198	1.4811	.8722	2.8647	2.9469
%RSD	.2142517	.4061061	1.388629	.2962765	.1691826	.9008573	.9174759
#1	1005.743	1030.098	1012.385	500.9405	514.9136	315.9669	319.1123
#2	1008.795	1036.031	1032.464	498.8460	516.1471	320.0181	323.2799

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1066.406	1051.177	-.571787	1043.217
SDev	.348	11.264	.005276	4.991
%RSD	.0326681	1.071577	.9227264	.4783831
#1	1066.652	1043.212	-.568056	1039.688
#2	1066.159	1059.142	-.575517	1046.746

Method: STL3 Sample Name: 220-8369-D-9-A Operator: NP
Run Time: 03/20/09 11:53:50
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0194884	45.89232	-6.76337	123.8892	217.5257	-.356001	H214173.3
SDev	.0343111	.86872	3.09799	1.4798	.4550	.038651	401.6
%RSD	176.0595	1.892950	45.80546	1.194462	.2091595	10.85691	.1875340
#1	-.004773	46.50660	-4.57276	124.9356	217.2040	-.383331	H213889.3
#2	.0437500	45.27805	-8.95399	122.8428	217.8474	-.328670	H214457.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0151767	.0852597	.2367739	2.402540	48.24664	17801.65	72442.09
SDev	.2555090	.0702857	.0973101	.181733	18.00194	61.04	245.48
%RSD	1683.559	82.43722	41.09831	7.564210	37.31233	.3429076	.3388590
#1	-.165495	.1349592	.3055826	2.274035	60.97594	17758.48	72268.52
#2	.1958489	.0355602	.1679653	2.531045	35.51734	17844.81	72615.67

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.25325	12.60498	90859.61	2.341001	-.604819	-1.23740	3.381836
SDev	.08700	3.23099	152.12	.045445	.095546	1.06940	1.686776
%RSD	.3909444	25.63262	.1674252	1.941261	15.79748	86.42336	49.87750
#1	22.31477	14.88963	90752.05	2.308866	-.672380	-.481218	4.574567
#2	22.19174	10.32032	90967.18	2.373135	-.537257	-1.99358	2.189106

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.62566	1.399117	-1.60608	-2.86209	2.015760	.7267513	3.999095
SDev	.97972	.131270	.07771	1.61142	.016123	.0599574	.737466
%RSD	27.02171	9.382324	4.838542	56.30229	.7998403	8.250056	18.44082
#1	-2.93290	1.306295	-1.66103	-1.72264	2.004359	.7691476	4.520563
#2	-4.31842	1.491938	-1.55113	-4.00154	2.027160	.6843550	3.477628

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7051.100	L-19.6776	364.5962	.5317234
SDev	16.572	.8054	.7293	.3816848
%RSD	.2350289	4.092784	.2000386	71.78259
#1	7039.381	L-20.2471	364.0805	.8016153
#2	7062.818	L-19.1082	365.1120	.2618315

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 03/20/09 11:59:34
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.54916	4868.450	529.3018	500.0463	507.5211	511.3803	19232.80
SDev	.17920	16.141	2.0221	.5411	.6583	2.9827	173.83
%RSD	.3346539	.3315477	.3820396	.1082010	.1297036	.5832723	.9038323
#1	53.67588	4857.037	530.7316	499.6638	507.9866	509.2712	19109.88
#2	53.42245	4879.864	527.8719	500.4289	507.0557	513.4894	19355.72

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	519.8405	525.3579	527.9208	497.9076	5169.754	18644.63	18757.98
SDev	.9132	3.0956	3.8717	1.1789	5.866	107.72	15.29
%RSD	.1756670	.5892321	.7333773	.2367650	.1134693	.5777712	.0815257
#1	520.4862	523.1690	525.1832	498.7412	5165.606	18568.46	18768.79
#2	519.1948	527.5468	530.6585	497.0741	5173.902	18720.80	18747.16

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	534.3456	524.1937	20807.84	515.9377	507.5713	496.6277	499.9904
SDev	.5766	.7576	108.71	6.3701	2.5000	2.4279	3.5361
%RSD	.1078988	.1445271	.5224510	1.234667	.4925443	.4888764	.7072412
#1	533.9379	523.6580	20730.97	511.4334	505.8035	494.9110	497.4900
#2	534.7533	524.7294	20884.71	520.4421	509.3390	498.3445	502.4908

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.9468	508.2163	507.2485	490.8535	508.1925	514.8061	525.3529
SDev	4.5799	3.7450	5.6175	2.4599	2.3637	2.1110	5.0158
%RSD	.9106051	.7368959	1.107448	.5011514	.4651271	.4100667	.9547448
#1	499.7083	510.8644	503.2763	489.1141	506.5211	513.3134	521.8062
#2	506.1852	505.5681	511.2207	492.5929	509.8639	516.2988	528.8996

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	551.8025	506.9583	519.3528	508.3446
SDev	.2745	.2877	2.0817	2.0575
%RSD	.0497516	.0567532	.4008343	.4047430
#1	551.9966	507.1617	517.8807	506.8897
#2	551.6084	506.7548	520.8248	509.7994

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 03/20/09 12:05:19
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2455719	18.31339	-8.15512	2.510985	.0239581	-.319511	.3601084
SDev	.0696121	4.25484	1.52182	.872410	.0048403	.012928	.6790270
%RSD	28.34693	23.23350	18.66089	34.74372	20.20306	4.046305	188.5618
#1	.2947951	21.32202	-7.07903	3.127872	.0205355	-.310369	-.120036
#2	.1963487	15.30477	-9.23121	1.894098	.0273807	-.328652	.8402530

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2872785	-.447408	.2670363	-.698234	8.239582	7.617357	.8713133
SDev	.0341678	.068241	.3408307	.000783	4.930267	3.590844	.0000698
%RSD	11.89363	15.25259	127.6346	.1121950	59.83638	47.14028	.0080103
#1	.3114388	-.399154	.0260327	-.698788	11.72581	5.078247	.8713627
#2	.2631181	-.495662	.5080400	-.697680	4.753356	10.15647	.8712640

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.146069	2.505239	-17.3431	-.067094	-.242409	1.642501	6.320155
SDev	.010906	2.050005	.9829	.235721	.424005	.239719	1.201739
%RSD	7.466014	81.82872	5.667653	351.3303	174.9132	14.59477	19.01440
#1	-.138357	3.954811	-18.0381	-.233774	-.542226	1.472994	7.169913
#2	-.153780	1.055666	-16.6480	.0995862	.0574080	1.812008	5.470397

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.90573	.7981013	-.762634	-.194817	5.321653	.3422614	.1146285
SDev	.15244	2.121360	.423471	2.056638	3.399575	.3369751	.1657927
%RSD	7.999200	265.8009	55.52739	1055.676	63.88193	98.45548	144.6348
#1	-1.79794	-.701927	-.463195	-1.64908	7.725515	.5805387	-.002605
#2	-2.01352	2.298130	-1.06207	1.259446	2.917790	.1039840	.2318617

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-5.36642	6.795815	.0090391	.2387456
SDev	1.61019	3.354226	.0128081	.2251137
%RSD	30.00497	49.35724	141.6974	94.29021
#1	-4.22784	9.167611	.0180958	.3979250
#2	-6.50500	4.424019	-.000018	.0795662

Method: STL3 Sample Name: 220-8369-D-10-A Operator: NP
Run Time: 03/20/09 12:11:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1338619	151.2795	-5.70089	188.7615	177.1495	-.474421	H234535.4
SDev	.0348008	.9752	1.66524	1.8863	.8858	.025902	4272.6
%RSD	25.99753	.6446388	29.21011	.9992811	.5000137	5.459791	1.821736
#1	.1092541	150.5899	-6.87839	187.4277	176.5231	-.456105	H231514.2
#2	.1584698	151.9691	-4.52339	190.0953	177.7758	-.492737	H237556.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1338150	.7166755	.9292691	3.835970	298.3936	14206.28	63150.75
SDev	.3230269	.6713929	.3162458	.012154	5.7622	57.45	544.01
%RSD	241.3982	93.68157	34.03168	.3168554	1.931060	.4044206	.8614394
#1	-.094600	.2419290	.7056495	3.827375	294.3191	14165.65	62766.08
#2	.3622295	1.191422	1.152889	3.844564	302.4681	14246.90	63535.42

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.2526	1.071423	H143338.6	2.923576	.6131040	2.350007	2.842958
SDev	1.5225	.289674	87.9	.196632	.6394743	1.517998	1.443029
%RSD	1.432879	27.03643	.0613094	6.725727	104.3011	64.59547	50.75801
#1	105.1761	1.276253	H143276.5	2.784536	.1609274	1.276620	3.863333
#2	107.3291	.8665919	H143400.8	3.062616	1.065281	3.423394	1.822582

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.49228	2.505894	-.332672	1.955288	3.139429	1.271085	13.39192
SDev	4.42701	.238182	.839820	3.349607	2.151004	.496474	.57511
%RSD	126.7655	9.504863	252.4469	171.3102	68.51575	39.05904	4.294473
#1	-6.62265	2.337474	-.926514	-.413242	4.660418	.9200254	12.98525
#2	-.361913	2.674314	.2611703	4.323818	1.618440	1.622145	13.79858

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5815.926	L-37.5259	576.4269	1.909319
SDev	57.437	.3870	4.5118	.133859
%RSD	.9875734	1.031354	.7827143	7.010823
#1	5775.312	L-37.2523	573.2366	2.003972
#2	5856.540	L-37.7996	579.6173	1.814666

Method: STL3 Sample Name: 220-8369-D-11-A Operator: NP
Run Time: 03/20/09 12:16:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.019381	226.6417	-6.08586	260.7413	76.57002	-.373669	H128358.0
SDev	.052153	1.9592	.16351	2.9630	.06776	.012881	2105.0
%RSD	269.0861	.8644418	2.686728	1.136382	.0884994	3.447297	1.639938
#1	-.056259	225.2563	-6.20148	258.6461	76.61794	-.382777	H126869.5
#2	.0174962	228.0270	-5.97024	262.8365	76.52211	-.364560	H129846.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.152792	1.348219	3.588226	5.792112	514.4235	18157.12	49946.58
SDev	.267258	.286599	.133821	.132520	1.1478	21.54	201.07
%RSD	174.9161	21.25759	3.729446	2.287947	.2231146	.1186568	.4025640
#1	-.341773	1.550875	3.493601	5.885819	515.2351	18141.89	49804.40
#2	.0361879	1.145563	3.682852	5.698406	513.6119	18172.35	50088.75

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	94.23412	1.874990	H108535.9	.4221393	.2033262	2.255169	-.634364
SDev	.68513	.623915	386.6	1.110176	.4065264	1.573466	.345941
%RSD	.7270549	33.27562	.3561799	262.9881	199.9381	69.77155	54.53351
#1	93.74966	1.433816	H108262.5	-.362874	-.084131	1.142560	-.878981
#2	94.71858	2.316164	H108809.2	1.207152	.4907838	3.367778	-.389747

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.34256	3.564514	-1.47555	.8879355	4.992542	2.261622	7.746587
SDev	2.02399	1.416160	1.31650	4.664166	4.617212	.427265	.328722
%RSD	37.88416	39.72940	89.22133	525.2820	92.48219	18.89196	4.243449
#1	-6.77374	4.565890	-2.40646	-2.41013	8.257403	1.959500	7.514145
#2	-3.91139	2.563138	-.544639	4.185998	1.727680	2.563744	7.979029

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9602.804	L-15.2406	289.0255	3.766524
SDev	86.987	2.6122	1.5891	.057387
%RSD	.9058455	17.13961	.5498250	1.523610
#1	9541.295	L-17.0877	287.9018	3.725945
#2	9664.312	L-13.3935	290.1492	3.807102

Method: STL3 Sample Name: 220-8369-D-12-A Operator: NP
Run Time: 03/20/09 12:22:34
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1079464	102.2038	-5.16499	284.7073	391.1773	-.492564	H260895.7
SDev	.1309136	1.0978	.55846	1.4002	3.0349	.051739	2914.0
%RSD	121.2764	1.074131	10.81250	.4918064	.7758256	10.50397	1.116934
#1	.2005163	101.4276	-4.77010	283.7172	389.0313	-.455979	H258835.2
#2	.0153765	102.9801	-5.55989	285.6974	393.3232	-.529149	H262956.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2552886	1.368310	-.490791	24.57307	370.2575	27372.79	58286.43
SDev	.1924938	.098078	.017851	.61334	2.3194	91.57	542.38
%RSD	75.40241	7.167856	3.637120	2.495989	.6264278	.3345204	.9305353
#1	.1191750	1.298958	-.478168	24.13938	368.6174	27308.04	57902.91
#2	.3914023	1.437662	-.503413	25.00677	371.8975	27437.54	58669.94

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2265.228	1.134448	H154456.2	4.151948	.4249309	1.058065	.5445467
SDev	17.138	.334240	408.7	.200444	.0579579	.210276	.3654258
%RSD	.7565692	29.46279	.2645822	4.827710	13.63937	19.87359	67.10642
#1	2253.110	.8981042	H154167.2	4.293684	.4659134	1.206752	.8029419
#2	2277.346	1.370791	H154745.1	4.010213	.3839485	.9093777	.2861516

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.52393	2.307977	-.515980	-1.70507	6.591536	.2481591	30.61853
SDev	2.26068	3.172185	1.670608	.66125	.693162	.2593667	.40889
%RSD	89.56971	137.4444	323.7736	38.78113	10.51593	104.5163	1.335448
#1	-4.12247	.0649037	.6653180	-1.23750	6.101397	.4315590	30.32940
#2	-.925390	4.551051	-1.69728	-2.17264	7.081675	.0647592	30.90766

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6883.401	L-18.0276	742.4553	1.969357
SDev	3.469	2.6761	2.5061	.524208
%RSD	.0504001	14.84425	.3375450	26.61822
#1	6880.948	L-19.9199	740.6832	2.340028
#2	6885.854	L-16.1354	744.2274	1.598686

Method: STL3 Sample Name: 220-8369-D-13-A Operator: NP
Run Time: 03/20/09 12:28:19
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1159148	45.07419	-7.89996	148.7628	234.4093	-.456523	H253914.2
SDev	.1156835	4.92992	1.26127	1.0550	1.6312	.025794	4860.8
%RSD	99.80046	10.93735	15.96555	.7091797	.6958644	5.650121	1.914346
#1	.0341142	48.56017	-7.00810	148.0168	233.2559	-.474762	H250477.0
#2	.1977154	41.58821	-8.79181	149.5088	235.5627	-.438283	H257351.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.105209	.0455683	.2723852	4.218675	28.54664	9233.445	87113.12
SDev	.054577	.2237625	.1948765	.168415	3.49459	52.067	1098.35
%RSD	51.87509	491.0485	71.54445	3.992124	12.24169	.5638951	1.260828
#1	-.143800	.2037923	.1345867	4.099588	26.07559	9270.263	86336.48
#2	-.066617	-.112656	.4101837	4.337762	31.01769	9196.629	87889.77

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.98444	.9926416	H128650.3	.5633727	-.889218	1.475000	-.315053
SDev	.40240	.1782612	390.3	.3825149	.137022	2.049157	1.934755
%RSD	1.917621	17.95826	.3033425	67.89730	15.40926	138.9259	614.1048
#1	20.69990	.8665919	H128374.4	.2928939	-.986107	.0260271	1.053025
#2	21.26898	1.118691	H128926.3	.8338516	-.792329	2.923973	-1.68313

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.877501	2.168780	-2.41672	2.055024	.3121091	-.064295	3.655331
SDev	9.370571	1.788549	1.09836	1.272040	3.605584	.501397	1.068216
%RSD	1067.870	82.46796	45.44846	61.89903	1155.232	779.8417	29.22350
#1	-7.50350	3.433476	-3.19338	1.155556	-2.23742	-.418836	2.899989
#2	5.748494	.9040854	-1.64006	2.954492	2.861642	.2902467	4.410674

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4363.996	L-45.6519	384.1046	-.199130
SDev	56.225	2.8378	.7892	.040434
%RSD	1.288375	6.216122	.2054689	20.30541
#1	4324.239	L-43.6453	383.5465	-.227721
#2	4403.753	L-47.6585	384.6626	-.170539

Method: STL3 Sample Name: 220-8369-D-14-A Operator: NP
Run Time: 03/20/09 12:34:03
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0155927	51.08850	-5.32390	508.4917	131.2732	-.483869	H197412.5
SDev	.0925239	6.01363	3.33256	3.8764	.4889	.090436	1129.4
%RSD	593.3798	11.77101	62.59628	.7623242	.3724034	18.69020	.5720981
#1	-.049832	55.34079	-2.96742	505.7507	130.9275	-.419921	H196613.9
#2	.0810170	46.83622	-7.68038	511.2327	131.6189	-.547817	H198211.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.034324	.5199835	27.54715	3.588346	49.98574	35293.52	37607.76
SDev	.113229	.0942510	.15854	.119986	.86597	175.95	141.12
%RSD	2.249141	18.12577	.5755356	3.343764	1.732439	.4985357	.3752498
#1	4.954259	.4533380	27.65925	3.673189	49.37340	35169.11	37507.97
#2	5.114389	.5866290	27.43504	3.503503	50.59808	35417.94	37707.55

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	230.7905	3.371831	84017.27	12.47786	-.328936	.8249227	-.336798
SDev	.9352	.601632	584.64	.19518	.447118	.1456951	.655843
%RSD	.4052248	17.84288	.6958560	1.564181	135.9285	17.66166	194.7287
#1	230.1292	3.797249	83603.87	12.33985	-.012776	.9279447	-.800549
#2	231.4518	2.946413	84430.67	12.61587	-.645096	.7219007	.1269526

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.46608	.7147830	-.850913	-.023106	2.522526	.6110552	21.55703
SDev	3.37397	1.132416	1.235701	1.102340	2.645513	.0462414	1.06821
%RSD	75.54655	158.4280	145.2207	4770.787	104.8755	7.567470	4.955262
#1	-6.85183	-.085956	.0228600	-.802578	4.393186	.5783576	20.80170
#2	-2.08032	1.515522	-1.72469	.7563659	.6518660	.6437528	22.31237

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8286.564	L-29.3239	916.5943	.4335639
SDev	48.564	3.5473	1.9167	.0421142
%RSD	.5860556	12.09691	.2091071	9.713504
#1	8252.224	L-26.8156	915.2390	.4037847
#2	8320.903	L-31.8323	917.9496	.4633432

Method: STL3 Sample Name: 220-8369-D-15-A Operator: NP
Run Time: 03/20/09 12:39:48
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0135669	12667.10	4.839347	398.5956	475.8383	.3683378	H224183.1
SDev	.0097107	58.17	.246970	2.4221	.0823	.0130330	2433.6
%RSD	71.57641	.4592421	5.103383	.6076617	.0172964	3.538336	1.085554
#1	.0204334	12625.97	4.664712	396.8829	475.7801	.3591221	H222462.3
#2	.0067004	12708.23	5.013981	400.3083	475.8965	.3775536	H225903.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.006718	9.124359	20.76443	25.53647	23167.28	28505.23	61500.06
SDev	.086035	.223674	.93226	.04836	134.48	95.16	250.75
%RSD	1280.697	2.451398	4.489716	.1893827	.5804742	.3338276	.4077223
#1	.0541179	8.966198	20.10522	25.57067	23072.19	28572.52	61322.75
#2	-.067554	9.282521	21.42364	25.50227	23262.38	28437.94	61677.37

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3724.484	3.151244	H211717.6	21.98493	26.60978	-3.01957	.6015274
SDev	15.072	.557067	537.6	.04930	.68911	1.42841	3.819234
%RSD	.4046811	17.67767	.2539336	.2242338	2.589686	47.30516	634.9227
#1	3713.826	2.757338	H211337.4	21.95007	26.12251	-2.00953	-2.09908
#2	3735.142	3.545149	H212097.7	22.01979	27.09706	-4.02961	3.302134

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.52271	31.36148	24.23679	-5.34886	1.645004	32.09339	57.05174
SDev	2.22395	.80040	.63355	1.99295	.297650	.25902	1.14112
%RSD	146.0517	2.552180	2.613985	37.25925	18.09421	.8070706	2.000151
#1	-3.09528	30.79552	23.78881	-3.93964	1.855474	32.27654	56.24484
#2	.0498562	31.92745	24.68478	-6.75809	1.434533	31.91024	57.85863

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	26679.52	-3.44525	705.2304	146.7667
SDev	226.79	3.90527	.0086	.4175
%RSD	.8500397	113.3523	.0012178	.2844821
#1	26519.16	-6.20670	705.2242	146.4714
#2	26839.89	-.683808	705.2364	147.0619

Method: STL3 Sample Name: 220-8369-D-16-A Operator: NP
Run Time: 03/20/09 12:45:32
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0190784	76.08194	-6.14404	331.9071	195.2652	-.474396	H359457.4
SDev	.1387185	.87387	2.00168	3.3689	1.8490	.000029	5905.5
%RSD	727.0986	1.148584	32.57914	1.015000	.9469072	.0060280	1.642890
#1	.1171671	76.69985	-7.55944	329.5250	193.9578	-.474417	H355281.6
#2	-.079010	75.46402	-4.72864	334.2893	196.5726	-.474376	H363633.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.195964	-.356570	2.560614	1.760747	104.3634	44896.41	76075.67
SDev	.008323	.735185	.012049	.132239	1.5004	330.35	648.60
%RSD	4.247150	206.1824	.4705687	7.510369	1.437633	.7358143	.8525784
#1	-.190079	-.876424	2.552094	1.667240	105.4243	44662.81	75617.04
#2	-.201849	.1632840	2.569134	1.854254	103.3025	45130.00	76534.30

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.92160	.1733181	74200.51	.4211703	-1.02079	1.447162	-.034588
SDev	.60897	.0891309	672.36	.3826231	.65169	.040589	1.958174
%RSD	1.355622	51.42620	.9061382	90.84761	63.84171	2.804720	5661.439
#1	44.49100	.1102930	73725.08	.6917257	-1.48160	1.418462	-1.41923
#2	45.35221	.2363432	74675.94	.1506149	-.559976	1.475863	1.350050

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.83855	.7067125	-1.88400	-.165386	4.676101	-.241553	2.256666
SDev	.67577	.0280867	.96309	1.059729	2.000751	.051646	.246531
%RSD	8.621162	3.974275	51.11979	640.7601	42.78674	21.38072	10.92455
#1	-8.31639	.6868522	-2.56501	-.914727	6.090845	-.205034	2.430990
#2	-7.36071	.7265728	-1.20299	.5839551	3.261356	-.278072	2.082343

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7270.609	L-63.7551	1202.630	1.359094
SDev	67.674	1.2900	9.877	.101850
%RSD	.9307941	2.023392	.8212450	7.493997
#1	7222.756	L-64.6672	1195.646	1.287075
#2	7318.462	L-62.8429	1209.613	1.431113

Method: STL3 Sample Name: 220-8369-D-17-A Operator: NP
Run Time: 03/20/09 12:51:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

1:5 dil
MP 3/20/09

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0652689	44.37136	2.431763	74.58398	7.560486	-.429176	89404.41
SDev	.0926108	1.96535	.153067	1.24068	.043563	.012908	1508.63
%RSD	141.8911	4.429324	6.294470	1.663473	.5761884	3.007550	1.687421
#1	.1307546	42.98165	2.539997	73.70669	7.529683	-.420049	88337.64
#2	-.000217	45.76107	2.323528	75.46128	7.591290	-.438303	90471.16

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.121136	-1.96340	7734.460	1.616276	37.78981	2793.013	21793.32
SDev	.080477	.07450	115.675	.144314	4.73641	14.363	139.39
%RSD	66.43529	3.794421	1.495577	8.928770	12.53356	.5142576	.6396051
#1	-.064230	-1.91072	7652.666	1.718321	41.13896	2782.856	21694.76
#2	-.178041	-2.01608	7816.255	1.514231	34.44066	2803.169	21891.88

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.906264	-.000000	62901.64	.2678280	-.951615	1.079378	1.659633
SDev	.087015	.690763	291.82	.7052957	1.147450	.570439	2.069519
%RSD	2.227577	166e6	.4639257	263.3390	120.5792	52.84885	124.6974
#1	3.844735	.4884425	62695.30	-.230891	-1.76298	.6760170	.1962624
#2	3.967792	-.488443	63107.99	.7665474	-.140245	1.482739	3.123004

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.82465	1.673571	-2.26304	-.741671	4.725844	.3899512	.5852344
SDev	1.30805	.493941	1.96692	.791998	.126797	.2031333	.4588811
%RSD	16.71709	29.51422	86.91475	106.7857	2.683047	52.09199	78.40979
#1	-6.89972	2.022840	-3.65386	-1.30170	4.636185	.2463143	.9097123
#2	-8.74959	1.324301	-.872221	-.181644	4.815503	.5335882	.2607565

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1136.645	L-20.4533	168.6155	-.223142
SDev	10.757	1.1922	.8212	.103121
%RSD	.9463787	5.828712	.4870548	46.21298
#1	1129.039	L-21.2963	168.0348	-.296059
#2	1144.251	L-19.6103	169.1962	-.150225

Method: STL3 Sample Name: 220-8369-D-18-A Operator: NP
Run Time: 03/20/09 12:57:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.107056	91.30850	-2.27717	232.7886	280.6689	-.457194	H234276.6
SDev	.161847	1.19551	1.90314	1.3178	3.8383	.129071	8573.6
%RSD	151.1802	1.309313	83.57461	.5661013	1.367566	28.23104	3.659593
#1	.0073874	90.46315	-.931451	231.8568	277.9548	-.548460	H228214.2
#2	-.221498	92.15386	-3.62290	233.7205	283.3830	-.365927	H240339.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1243582	-.519934	6.080327	2.558959	32.60287	36425.96	43107.43
SDev	.2860694	.607626	1.814029	.517364	11.58244	283.67	964.39
%RSD	230.0366	116.8659	29.83440	20.21775	35.52583	.7787690	2.237182
#1	-.077923	-.949590	7.363040	2.193127	24.41285	36225.38	42425.50
#2	.3266398	-.090278	4.797615	2.924790	40.79289	36626.55	43789.36

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	144.4850	5.561945	H117184.2	-.850755	.6902053	5.543338	-1.72321
SDev	.8483	.089131	528.4	.998678	.4051249	2.125938	.82634
%RSD	.5870894	1.602511	.4509347	117.3873	58.69629	38.35122	47.95352
#1	143.8852	5.624970	H116810.6	-1.55693	.4037388	7.046603	-2.30752
#2	145.0848	5.498920	H117557.9	-.144583	.9766719	4.040073	-1.13890

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.12429	8.268043	-3.09378	6.087524	4.452230	7.829599	2.891072
SDev	2.85586	7.176097	4.18998	6.296743	6.228055	.393306	1.476594
%RSD	69.24491	86.79318	135.4323	103.4368	139.8862	5.023322	51.07428
#1	-6.14368	13.34231	-6.05655	10.53999	.0483301	7.551490	1.846963
#2	-2.10489	3.193776	-.131018	1.635055	8.856131	8.107709	3.935182

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7167.079	L-34.4782	931.0095	.2760517
SDev	169.097	.6448	3.9737	.0023423
%RSD	2.359356	1.870105	.4268185	.8484815
#1	7047.510	L-34.0222	928.1997	.2777079
#2	7286.649	L-34.9341	933.8193	.2743955

Method: STL3 Sample Name: 220-8369-D-19-A Operator: NP
Run Time: 03/20/09 13:02:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0645743	41.43100	-6.61498	178.0049	211.6765	-.492981	H266005.6
SDev	.1270755	3.72772	1.93056	.7711	1.4279	.103250	1166.5
%RSD	196.7896	8.997407	29.18471	.4331843	.6745544	20.94400	.4385431
#1	.1544303	44.06689	-5.24987	177.4596	210.6668	-.565990	H265180.8
#2	-.025282	38.79510	-7.98010	178.5501	212.6862	-.419973	H266830.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0387207	-.384142	2.511865	4.703341	386.5865	9883.456	56197.06
SDev	.0409950	.321328	.036495	.420826	1.4267	8.977	196.63
%RSD	105.8735	83.64830	1.452903	8.947380	.3690526	.0908280	.3499003
#1	.0097329	-.611355	2.486059	4.405773	385.5777	9877.108	56058.02
#2	.0677086	-.156928	2.537671	5.000910	387.5954	9889.804	56336.10

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	140.9703	1.481084	H130965.4	1.486068	.9698091	1.536671	.9173904
SDev	.6634	.735328	6.4	.588880	.1724608	2.237637	.5595246
%RSD	.4705943	49.64794	.0048593	39.62670	17.78296	145.6159	60.99089
#1	140.5012	.9611290	H130969.9	1.902469	1.091757	3.118920	.5217468
#2	141.4394	2.001040	H130960.9	1.069667	.8478609	-.045577	1.313034

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.111761	2.500801	.2046610	-.435631	5.486097	.4006047	32.79253
SDev	4.045231	1.388450	.4346223	2.099259	2.514950	.4809904	.08180
%RSD	3619.534	55.52020	212.3621	481.8895	45.84225	120.0661	.2494428
#1	2.748649	3.482584	-.102663	1.048770	7.264435	.0604932	32.73468
#2	-2.97217	1.519019	.5119854	-1.92003	3.707758	.7407163	32.85036

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11644.49	L-24.7563	663.7809	.2212825
SDev	6.93	2.4508	.9563	.0420087
%RSD	.0595326	9.899773	.1440756	18.98419
#1	11639.59	L-23.0233	663.1046	.1915779
#2	11649.40	L-26.4893	664.4571	.2509871

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 03/20/09 13:08:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.95502	4950.203	545.4562	513.3817	513.3909	534.2971	20242.91
SDev	.20852	9.901	7.4401	1.8260	.2856	1.7685	44.65
%RSD	.3794321	.2000095	1.364017	.3556867	.0556260	.3309957	.2205503
#1	54.80758	4957.204	550.7171	514.6729	513.1890	533.0466	20211.34
#2	55.10247	4943.202	540.1952	512.0905	513.5928	535.5477	20274.47

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	543.8293	549.8245	Q552.2408	501.4585	5365.301	18667.48	19074.56
SDev	.7410	1.5767	.1347	.3599	24.533	17.95	33.06
%RSD	.1362534	.2867730	.0243910	.0717616	.4572584	.0961773	.1733199
#1	543.3054	548.7095	Q552.1456	501.2040	5382.649	18680.18	19051.19
#2	544.3533	550.9394	Q552.3361	501.7129	5347.954	18654.78	19097.94

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	Q555.4778	539.9972	20865.69	537.1733	527.2781	508.8124	509.5527
SDev	.0981	3.8994	6.20	1.2776	3.4011	.7787	2.0581
%RSD	.0176603	.7221233	.0297186	.2378408	.6450289	.1530482	.4038935
#1	Q555.4084	537.2399	20861.31	536.2699	529.6830	509.3631	508.0975
#2	Q555.5471	542.7545	20870.08	538.0767	524.8731	508.2618	511.0080

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.7339	527.2613	527.2855	503.9695	518.5119	532.5740	Q559.3477
SDev	2.7743	3.1331	3.5348	2.9481	3.5664	2.9074	1.4794
%RSD	.5464137	.5942181	.6703851	.5849813	.6878213	.5459079	.2644913
#1	505.7722	529.4768	529.7850	506.0541	515.9900	530.5182	Q558.3015
#2	509.6957	525.0459	524.7860	501.8848	521.0338	534.6298	Q560.3937

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	575.2995	527.2524	528.2787	523.8168
SDev	8.6317	3.4177	.6065	.1515
%RSD	1.500379	.6482034	.1148077	.0289279
#1	581.4030	524.8358	528.7075	523.9239
#2	569.1960	529.6691	527.8498	523.7097

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 03/20/09 13:14:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2047140	55.42920	-7.12036	1.849777	.0205355	-.410802	1.680507
SDev	.1037937	.76636	2.77846	.913373	.0000000	.012833	.848784
%RSD	50.70179	1.382584	39.02137	49.37747	.0000000	3.123989	50.50763
#1	.1313208	55.97109	-9.08502	2.495629	.0205355	-.419876	1.080326
#2	.2781072	54.88730	-5.15569	1.203925	.0205355	-.401727	2.280688

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.065340	.0503163	.7318304	-.638787	12.52084	17.77376	1.045615
SDev	.134600	.1326595	.0729884	.131452	.59031	.00000	1.233684
%RSD	205.9989	263.6512	9.973409	20.57838	4.714604	.0000000	117.9865
#1	.0298365	.1441207	.7834410	-.545836	12.10343	17.77376	1.917961
#2	-.160517	-.043488	.6802198	-.731737	12.93825	17.77376	.1732684

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.169160	2.631289	3.905499	.1670036	.3524197	-3.93385	5.125761
SDev	.021727	2.361962	.327648	.3059858	.0005065	2.03409	3.474469
%RSD	12.84407	89.76447	8.389403	183.2210	.1437326	51.70727	67.78447
#1	-.153797	4.301448	3.673817	-.049361	.3520615	-2.49554	7.582581
#2	-.184524	.9611290	4.137181	.3833683	.3527779	-5.37217	2.668940

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.95622	.6004154	.2278581	-7.70531	3.619292	.1018412	-.350988
SDev	2.62386	1.241050	.6204249	2.24702	1.607443	.2118366	.493758
%RSD	134.1290	206.6986	272.2856	29.16195	44.41320	208.0068	140.6766
#1	-3.81157	1.477970	-.210848	-6.11643	4.755926	-.047950	-.700127
#2	-.100872	-.277140	.6665648	-9.29420	2.482658	.2516323	-.001848

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.03099	5.176766	.0120269	.1508000
SDev	.55064	1.257979	.0085114	.2483441
%RSD	27.11192	24.30047	70.76999	164.6844
#1	-1.64163	6.066292	.0060084	.3264058
#2	-2.42036	4.287242	.0180454	-.024806

Method: STL3 Standard: STD2
Run Time: 03/20/09 13:20:38

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.82963	4.8400	1.3438	2.482	9.7869	3.7631	14.601
SDev	.00372	.0143	.0083	.000	.0295	.0087	.059
%RSD	.44888	.29512	.61538	.0152	.30105	.23050	.40132
#1	.82700	4.8501	1.3380	2.481	9.7661	3.7569	14.559
#2	.83227	4.8299	1.3497	2.482	9.8077	3.7692	14.642

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.4683	1.5589	4.0628	3.9752	1.8490	1.3378	9.5968
SDev	.0350	.0097	.0179	.0038	.0009	.0003	.0030
%RSD	.41361	.62292	.43975	.09606	.05099	.02467	.03095
#1	8.4435	1.5521	4.0501	3.9725	1.8483	1.3380	9.5947
#2	8.4931	1.5658	4.0754	3.9779	1.8497	1.3375	9.5989

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.5569	2.2145	100.78	4.1182	1.9750	.64723	4.1432
SDev	.0190	.0287	.16	.0164	.0068	.00495	.0034
%RSD	.41586	1.2964	.15796	.39835	.34609	.76476	.08306
#1	4.5435	2.1942	100.89	4.1066	1.9702	.64373	4.1457
#2	4.5703	2.2348	100.66	4.1298	1.9799	.65073	4.1408

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6224	2.2295	1.8961	1.8412	.60523	1.619	1.5244
SDev	.0258	.0154	.0159	.0037	.00250	.002	.0181
%RSD	.71315	.68930	.84035	.20227	.41280	.1048	1.1844
#1	3.6041	2.2403	1.8848	1.8385	.60347	1.618	1.5116
#2	3.6407	2.2186	1.9073	1.8438	.60700	1.620	1.5371

Elem	Sr4215	Ti3349
Avge	11.318	12.559
SDev	.020	.040
%RSD	.17827	.31454
#1	11.304	12.531
#2	11.332	12.587

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	119.568	.621751	03/20/09 01:20:38
Al3082	308.215	STD2	STD1	2317.07	-194.479	03/20/09 01:20:38
As1890	189.042	STD2	STD1	745.452	-4.04497	03/20/09 01:20:38
B_2496	249.678	STD2	STD1	420.801	-41.7434	03/20/09 01:20:38
Ba4934	493.409	STD2	STD1	102.179	-.013624	03/20/09 01:20:38
Be3130	313.042	STD2	STD1	265.264	1.66232	03/20/09 01:20:38
Ca3179	317.933	STD2	STD1	3425.42	-13.5875	03/20/09 01:20:38
Cd2265	226.502	STD2	STD1	118.395	-.449901	03/20/09 01:20:38
Co2286	228.616	STD2	STD1	641.748	.085566	03/20/09 01:20:38
Cr2677	267.716	STD2	STD1	246.222	-.369333	03/20/09 01:20:38
Cu3247	324.753	STD2	STD1	253.972	-9.29539	03/20/09 01:20:38
Fe2714	271.441	STD2	STD1	5962.55	53.4642	03/20/09 01:20:38
K_7664	766.491	STD2	STD1	37971.8	-797.408	03/20/09 01:20:38
Mg2790	279.078	STD2	STD1	5209.84	-3.99421	03/20/09 01:20:38
Mn2576	257.610	STD2	STD1	219.487	-.278017	03/20/09 01:20:38
Mo2020	202.030	STD2	STD1	449.829	3.85354	03/20/09 01:20:38
Na5889	588.995	STD2	STD1	497.127	-98.3980	03/20/09 01:20:38
Ni2316	231.604	STD2	STD1	242.112	.758617	03/20/09 01:20:38
Pb2203	220.353	NONE	NONE	1.00000	.000000	*03/20/09 01:20:38
Se1960	196.026	NONE	NONE	1.00000	.000000	*03/20/09 01:20:38
Sb2068	206.838	STD2	STD1	506.845	-7.26478	03/20/09 01:20:38
Tl1908	190.864	STD2	STD1	1528.98	3.87341	03/20/09 01:20:38
2203/1	220.351	STD2	STD1	240.332	6.32874	03/20/09 01:20:38
2203/2	220.352	STD2	STD1	275.805	-1.16757	03/20/09 01:20:38
1960/1	196.021	STD2	STD1	442.995	12.4334	03/20/09 01:20:38
1960/2	196.022	STD2	STD1	529.983	-10.6173	03/20/09 01:20:38
V_2924	292.402	STD2	STD1	537.410	.340360	03/20/09 01:20:38
Zn2062	206.200	STD2	STD1	1649.89	1.53990	03/20/09 01:20:38
Si2881	288.158	STD2	STD1	769.582	-244.163	03/20/09 01:20:38
Sn1899	189.989	STD2	STD1	654.462	.959878	03/20/09 01:20:38
Sr4215	421.552	STD2	STD1	88.4575	-.117943	03/20/09 01:20:38
Ti3349	334.941	STD2	STD1	79.5817	1.07435	03/20/09 01:20:38

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 03/20/09 13:28:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.37873	4924.694	525.4037	503.1002	506.1699	513.9618	19236.27
SDev	.26477	4.610	1.5288	.3363	.4190	1.8631	24.38
%RSD	.4960239	.0936030	.2909760	.0668393	.0827877	.3625069	.1267541
#1	53.19150	4921.435	526.4847	503.3379	506.4662	515.2792	19253.51
#2	53.56595	4927.954	524.3227	502.8624	505.8736	512.6444	19219.03

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.9249	520.3124	525.8557	494.7490	5170.824	18649.22	18865.42
SDev	.1671	.3589	1.0800	1.9403	1.696	28.64	16.95
%RSD	.0323818	.0689788	.2053704	.3921815	.0327985	.1535679	.0898461
#1	516.0431	520.0586	526.6194	493.3770	5172.023	18669.47	18853.44
#2	515.8068	520.5662	525.0921	496.1210	5169.624	18628.97	18877.41

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	527.7584	518.6680	20940.90	516.8036	503.9431	500.1092	500.2232
SDev	.5483	2.1630	5.23	1.6771	.5092	2.5068	.4286
%RSD	.1038892	.4170237	.0249558	.3245123	.1010354	.5012440	.0856786
#1	527.3707	520.1974	20937.21	517.9895	504.3032	501.8818	499.9201
#2	528.1461	517.1385	20944.60	515.6177	503.5831	498.3367	500.5263

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491.1975	501.6783	505.0730	498.3901	503.5517	511.7543	527.4672
SDev	6.4147	1.5762	.0237	5.3668	3.2220	1.0107	1.4786
%RSD	1.305934	.3141785	.0046827	1.076829	.6398568	.1974980	.2803137
#1	486.6616	502.7928	505.0563	502.1850	501.2734	512.4690	528.5127
#2	495.7334	500.5638	505.0897	494.5951	505.8300	511.0396	526.4217

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	547.7831	512.9036	515.7338	505.3173
SDev	3.3592	.8328	.0996	.1240
%RSD	.6132413	.1623750	.0193058	.0245421
#1	545.4077	512.3146	515.8042	505.4049
#2	550.1584	513.4924	515.6634	505.2296

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 03/20/09 13:33:53
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1597237	38.14153	-5.04017	2.510428	-.010218	-.433256	1.941073
SDev	.0110070	5.24396	2.42625	.337890	.004817	.062593	.000000
%RSD	6.891288	13.74870	48.13824	13.45945	47.14044	14.44705	.0000000
#1	.1519405	41.84958	-3.32455	2.749353	-.006812	-.388997	1.941073
#2	.1675068	34.43349	-6.75579	2.271504	-.013624	-.477516	1.941073

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1252470	.1130803	.1561053	-1.02536	1.575599	13.92305	.6936152
SDev	.1890677	.0862399	.5340046	.22838	4.208778	1.79004	.2454616
%RSD	150.9558	76.26426	342.0799	22.27290	267.1225	12.85665	35.38873
#1	-.008444	.0520995	-.221493	-1.18685	-1.40046	15.18880	.8671828
#2	.2589381	.1740611	.5337035	-.863873	4.551654	12.65730	.5200477

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.160917	3.013854	5.385545	.1540216	-1.38456	-1.84391	7.461640
SDev	.020714	2.162925	.117176	.0344136	1.00728	2.52816	4.657358
%RSD	12.87257	71.76607	2.175750	22.34334	72.75092	137.1081	62.41734
#1	-.175564	4.543273	5.468401	.1296875	-.672305	-.056238	10.75489
#2	-.146270	1.484436	5.302689	.1783556	-2.09681	-3.63159	4.168391

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.805402	.4116715	-2.28208	-5.64089	5.760431	.4436486	.2179227
SDev	2.812338	3.173493	.07427	2.75619	2.071406	.2305678	.1567877
%RSD	100.2473	770.8800	3.254706	48.86093	35.95921	51.97082	71.94647
#1	.8167781	2.655670	-2.33460	-3.69197	7.225136	.2806125	.1070571
#2	4.794025	-1.83233	-2.22956	-7.58981	4.295726	.6066846	.3287883

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.29575	8.704647	.0117536	.2281125
SDev	.76158	.832835	.0000000	.2064026
%RSD	23.10803	9.567708	.0000000	90.48278
#1	-3.83427	8.115744	.0117536	.3740612
#2	-2.75723	9.293551	.0117536	.0821639

Method: STL3 Sample Name: 220-8369-D-19-B DU Operator: NP
Run Time: 03/20/09 13:39:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0222204	42.62702	-2.34548	168.5521	203.6968	-.415544	H242218.9
SDev	.0790105	3.50333	.65956	3.2331	1.1079	.012498	4783.9
%RSD	355.5769	8.218573	28.12040	1.918181	.5438739	3.007549	1.975026
#1	-.033648	45.10425	-1.87910	166.2659	202.9135	-.406707	H238836.2
#2	.0780892	40.14979	-2.81185	170.8382	204.4802	-.424382	H245601.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0821160	-.405315	.9273647	3.538024	360.5539	9516.999	54014.17
SDev	.1458482	.181102	.3478936	.071729	4.1996	37.590	470.57
%RSD	177.6123	44.68184	37.51421	2.027362	1.164767	.3949765	.8711946
#1	.1852462	-.533374	.6813668	3.588743	357.5843	9490.419	53681.43
#2	-.021014	-.277257	1.173363	3.487304	363.5235	9543.579	54346.91

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	129.2486	1.904276	H128242.8	.6025349	.9991124	2.870574	1.870834
SDev	1.3658	.127231	133.4	.9465374	.7216760	.217881	.388738
%RSD	1.056732	6.681320	.1040388	157.0926	72.23171	7.590161	20.77889
#1	128.2829	1.994242	H128148.4	1.271838	.4888104	2.716509	2.145713
#2	130.2144	1.814311	H128337.1	-.066768	1.509414	3.024639	1.595954

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.44611	4.350000	-.674619	3.780934	1.046018	.2299046	28.78727
SDev	.78993	1.190696	1.676428	.334493	1.324429	.4292847	.77773
%RSD	17.76689	27.37232	248.4999	8.846827	126.6163	186.7229	2.701637
#1	-3.88754	5.191950	-1.86003	4.017456	.1095047	-.073645	28.23733
#2	-5.00467	3.508051	.5107945	3.544412	1.982531	.5334547	29.33721

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11035.77	L-12.6888	629.2805	.4430608
SDev	122.07	5.8001	4.0820	.0436068
%RSD	1.106142	45.71008	.6486713	9.842174
#1	10949.45	-8.58756	626.3941	.4738955
#2	11122.08	L-16.7901	632.1669	.4122261

Method: STL3 Sample Name: 220-8369-D-19-C MS Operator: NP
Run Time: 03/20/09 13:45:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.38206	2151.055	35.80385	1262.926	2165.404	50.36349	H245972.4
SDev	.47519	9.707	.82992	9.413	.207	.50130	4031.9
%RSD	.9248115	.4512833	2.317961	.7453545	.0095588	.9953707	1.639168
#1	51.04605	2144.191	35.21701	1256.269	2165.257	50.00901	H243121.4
#2	51.71807	2157.919	36.39069	1269.582	2165.550	50.71796	H248823.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.92375	489.1806	194.7951	262.8237	1974.937	23322.28	63093.22
SDev	.00635	4.9065	2.6457	.7621	30.530	46.54	284.43
%RSD	.0129732	1.003004	1.358171	.2899708	1.545857	.1995543	.4508106
#1	48.92824	485.7111	192.9244	262.2849	1953.350	23289.37	62892.09
#2	48.91927	492.6500	196.6659	263.3626	1996.525	23355.19	63294.34

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	623.3132	1064.251	H131038.8	493.3245	18.12956	55.51177	1187.182
SDev	5.1117	12.214	262.5	3.5521	1.31441	2.72322	10.433
%RSD	.8200886	1.147677	.2003283	.7200345	7.250069	4.905653	.8787760
#1	619.6987	1055.614	H130853.2	490.8128	17.20014	53.58617	1179.805
#2	626.9278	1072.887	H131224.5	495.8362	19.05899	57.43737	1194.559

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.11957	20.91603	16.73766	55.27327	55.98839	489.9841	497.0412
SDev	2.56903	.88509	2.41259	5.78364	3.40668	5.5989	8.4745
%RSD	5.570366	4.231658	14.41413	10.46372	6.084622	1.142672	1.704992
#1	47.93615	21.54188	15.03170	51.18362	58.39728	486.0251	491.0488
#2	44.30299	20.29017	18.44362	59.36292	53.57950	493.9432	503.0336

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11860.74	1077.217	620.9398	1052.792
SDev	99.45	10.437	2.6550	7.285
%RSD	.8384691	.9688921	.4275804	.6920152
#1	11790.42	1069.837	619.0624	1047.640
#2	11931.06	1084.598	622.8171	1057.943

Method: STL3 Sample Name: 220-8369-D-19-D MSD Operator: NP
Run Time: 03/20/09 13:51:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.33042	2168.698	35.82762	1285.538	2187.222	50.81840	H254140.8
SDev	.22077	4.310	4.55515	8.343	5.611	.26325	2384.7
%RSD	.4218691	.1987194	12.71406	.6490184	.2565561	.5180208	.9383321
#1	52.17431	2165.650	32.60665	1279.638	2183.254	50.63226	H252454.5
#2	52.48652	2171.745	39.04859	1291.437	2191.190	51.00455	H255827.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.89952	495.8760	196.1064	266.7427	1300.069	23909.58	64862.89
SDev	.43297	5.1132	1.9031	.5966	11.154	85.92	361.54
%RSD	.8676786	1.031138	.9704209	.2236531	.8579826	.3593555	.5573892
#1	49.59337	492.2604	194.7608	266.3208	1292.182	23970.33	64607.24
#2	50.20568	499.4916	197.4521	267.1645	1307.957	23848.82	65118.54

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	633.0588	1089.411	H134176.6	497.3650	19.89772	57.00191	1210.555
SDev	3.8492	5.768	76.1	5.4121	1.73568	.75722	11.919
%RSD	.6080334	.5294394	.0567510	1.088164	8.722990	1.328405	.9845867
#1	630.3370	1085.333	H134122.7	493.5380	18.67041	56.46647	1202.127
#2	635.7806	1093.489	H134230.4	501.1920	21.12503	57.53734	1218.983

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.22122	23.54347	18.07697	56.63953	57.72653	494.4646	501.9067
SDev	3.47646	2.35841	3.77952	1.23165	.19278	2.7199	5.9888
%RSD	7.687681	10.01728	20.90792	2.174533	.3339545	.5500664	1.193211
#1	42.76299	25.21112	15.40445	55.76863	57.86285	492.5414	497.6719
#2	47.67945	21.87582	20.74949	57.51044	57.59022	496.3879	506.1414

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12268.74	1102.205	638.9846	1072.008
SDev	113.53	3.491	.5129	4.009
%RSD	.9253598	.3167517	.0802671	.3739290
#1	12188.46	1099.737	638.6219	1069.174
#2	12349.02	1104.674	639.3472	1074.842

Method: STL3 Sample Name: 220-8369-D-19-A SD@5 Operator: NP
Run Time: 03/20/09 13:56:52
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1469149	30.72302	-7.27665	39.36515	43.57585	-.486276	54127.06
SDev	.1018053	2.61384	.30899	1.36909	.16377	.012583	176.66
%RSD	69.29543	8.507770	4.246385	3.477914	.3758333	2.587616	.3263712
#1	.2189021	32.57129	-7.49514	40.33324	43.69165	-.477379	54002.15
#2	.0749277	28.87475	-7.05815	38.39706	43.46005	-.495174	54251.98

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0902060	-.383101	.8957160	.1258441	81.89945	1441.663	11373.26
SDev	.2898159	.175094	.2204648	.0108167	3.09991	5.370	8.60
%RSD	321.2824	45.70446	24.61325	8.595282	3.785025	.3724882	.0755788
#1	.2951368	-.506912	.7398238	.1334926	84.09142	1437.866	11367.18
#2	-.114725	-.259291	1.051608	.1181956	79.70748	1445.460	11379.33

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.18951	3.538655	36249.09	-.159380	1.231884	-3.94104	4.223312
SDev	.01034	3.074746	119.61	1.062031	.804371	.68901	.432634
%RSD	.0366629	86.89024	.3299788	666.3524	65.29597	17.48291	10.24395
#1	28.18220	5.712829	36164.50	-.910349	1.800660	-4.42824	4.529231
#2	28.19682	1.364481	36333.66	.5915896	.6631080	-3.45384	3.917394

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.69682	1.231823	1.231265	-7.15337	2.492258	.6092303	6.096619
SDev	3.53269	.661277	.875739	1.42045	.776073	.1589029	.546175
%RSD	75.21458	53.68281	71.12520	19.85711	31.13937	26.08256	8.958658
#1	-2.19883	1.699417	1.850506	-8.15778	3.041025	.7215917	5.710415
#2	-7.19481	.7642295	.6120233	-6.14896	1.943491	.4968690	6.482823

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2332.898	-1.06674	136.1759	.4922298
SDev	4.306	2.12923	.0171	.3443469
%RSD	.1845846	199.6025	.0125901	69.95653
#1	2335.943	.4388581	136.1638	.7357199
#2	2329.853	-2.57233	136.1880	.2487398

Method: STL3 Sample Name: 220-8369-D-20-A Operator: NP
Run Time: 03/20/09 14:02:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0401345	32.89064	-5.20818	259.8261	138.2581	-.442153	H203464.3
SDev	.0338253	3.73429	1.38296	.2773	.3902	.000060	1868.6
%RSD	84.27977	11.35367	26.55367	.1067390	.2821908	.0135595	.9183899
#1	.0640527	35.53119	-6.18608	259.6300	137.9822	-.442110	H202143.0
#2	.0162165	30.25010	-4.23027	260.0222	138.5340	-.442195	H204785.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.086667	.2986074	3.867014	3.555140	20.83078	14782.42	44048.95
SDev	.031002	.0914805	.046199	.215474	2.23356	34.01	275.31
%RSD	35.77138	30.63573	1.194695	6.060926	10.72242	.2300764	.6250163
#1	-.064745	.2339209	3.899681	3.402777	19.25141	14806.47	43854.27
#2	-.108589	.3632939	3.834346	3.707504	22.41015	14758.37	44243.62

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.35648	1.649373	H122786.9	.7425209	.3469438	-1.43112	1.001026
SDev	.13460	.275667	133.8	.2688215	.5042893	.26268	1.480892
%RSD	.7332718	16.71343	.1089766	36.20390	145.3519	18.35468	147.9374
#1	18.26130	1.454447	H122881.5	.5524354	-.009643	-1.61686	2.048175
#2	18.45166	1.844299	H122692.2	.9326065	.7035302	-1.24538	-.046123

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.74207	1.903336	-.430885	-2.62282	.9548572	.5006944	5.664593
SDev	3.81718	.368847	.571909	1.44095	2.097402	1.066890	.233427
%RSD	66.47732	19.37896	132.7289	54.93893	219.6561	213.0820	4.120816
#1	-3.04292	1.642522	-.835286	-3.64172	2.437944	-.253710	5.829651
#2	-8.44122	2.164150	-.026484	-1.60391	-.528230	1.255099	5.499535

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10133.30	L-17.5830	562.9551	.1814780
SDev	62.18	.6170	.1268	.0249226
%RSD	.6136048	3.509307	.0225239	13.73310
#1	10089.34	L-18.0193	563.0448	.1991009
#2	10177.27	L-17.1467	562.8655	.1638551

Method: STL3 Sample Name: 220-8384-D-9-A Operator: NP
Run Time: 03/20/09 14:08:22
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3537473	269.1335	-5.87708	2757.535	160.3049	-.121975	H279627.4
SDev	.1407085	1.0899	2.20928	5.313	.8574	.050066	1954.4
%RSD	39.77656	.4049583	37.59143	.1926772	.5348392	41.04563	.6989139
#1	.4532432	269.9041	-4.31489	2753.778	159.6986	-.086574	H278245.5
#2	.2542513	268.3628	-7.43928	2761.292	160.9112	-.157377	H281009.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.832956	303.7461	2.026651	2670.991	1063.997	30562.24	63575.84
SDev	.445216	2.1470	.047215	13.793	.704	171.84	496.85
%RSD	15.71561	.7068473	2.329685	.5163834	.0661412	.5622695	.7815123
#1	2.518141	302.2279	2.060037	2661.238	1063.499	30440.73	63224.51
#2	3.147772	305.2643	1.993266	2680.744	1064.495	30683.75	63927.17

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1331.643	51.59539	73584.32	2604.972	51.75871	-1.15446	18.46055
SDev	2.587	.55133	265.98	3.398	.40688	1.30038	1.12041
%RSD	.1942518	1.068568	.3614665	.1304474	.7861111	112.6399	6.069214
#1	1329.814	51.98524	73396.24	2602.569	51.47100	-2.07397	19.25280
#2	1333.472	51.20554	73772.40	2607.375	52.04642	-.234951	17.66830

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.10671	56.27706	49.50202	-2.24783	1.034461	1.708665	25069.10
SDev	6.69701	.46593	.84277	.93973	2.022912	.081769	242.51
%RSD	109.6664	.8279164	1.702501	41.80617	195.5522	4.785564	.9673552
#1	-1.37121	56.60652	48.90609	-2.91232	-.395953	1.766485	24897.62
#2	L-10.8422	55.94760	50.09795	-1.58334	2.464876	1.650846	25240.58

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	26493.54	-6.14229	1958.837	8.633119
SDev	218.28	2.68382	3.508	.239178
%RSD	.8238801	43.69418	.1790638	2.770474
#1	26339.20	-8.04004	1956.357	8.802243
#2	26647.88	-4.24454	1961.317	8.463994

Method: STL3 Sample Name: 220-8384-D-10-A Operator: NP
Run Time: 03/20/09 14:14:07
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4659086	1069.621	21.85334	264.2041	95.65298	-.410782	43512.70
SDev	.0338035	3.054	3.32667	1.0193	.07707	.037548	52.48
%RSD	7.255388	.2855110	15.22272	.3857894	.0805726	9.140609	.1206098
#1	.4420060	1071.781	19.50102	264.9248	95.70747	-.437332	43475.59
#2	.4898113	1067.462	24.20565	263.4833	95.59848	-.384231	43549.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0657967	3.844175	4.646388	213.1834	7604.292	4988.229	10950.15
SDev	.1154545	.305362	.371312	.4070	9.858	19.690	14.49
%RSD	175.4716	7.943503	7.991413	.1908975	.1296427	.3947339	.1323158
#1	-.015842	4.060099	4.383831	213.4712	7597.321	5002.152	10960.40
#2	.1474353	3.628251	4.908945	212.8957	7611.263	4974.306	10939.91

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	181.1651	2.579020	44558.44	4042.336	15.17046	1.501030	4.069835
SDev	.2069	.487718	96.43	16.115	.52935	2.792037	.741189
%RSD	.1142178	18.91099	.2164224	.3986469	3.489327	186.0081	18.21178
#1	181.0187	2.923889	44626.64	4030.941	15.54476	3.475298	4.593934
#2	181.3114	2.234151	44490.26	4053.731	14.79616	-.473239	3.545734

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.14324	15.79067	14.86007	.7623473	2.979612	4.628941	205.6149
SDev	.28990	.87847	.35512	4.674941	.979423	.207945	.0743
%RSD	5.636472	5.563202	2.389759	613.2297	32.87084	4.492276	.0361184
#1	-5.34823	16.41184	15.11118	4.068029	2.287055	4.775981	205.6675
#2	-4.93825	15.16950	14.60896	-2.54333	3.672169	4.481902	205.5624

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5007.500	12.13392	286.6557	22.87964
SDev	1.243	1.66572	.3681	.05666
%RSD	.0248289	13.72783	.1283961	.2476624
#1	5006.621	13.31177	286.9159	22.83957
#2	5008.379	10.95608	286.3954	22.91970

Method: STL3 Sample Name: 220-8384-D-11-A Operator: NP
Run Time: 03/20/09 14:19:52
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6107099	1512.537	2.836858	895.1540	481.2621	.0322826	H278161.4
SDev	.1215154	10.588	5.481663	6.9239	2.3024	.0251073	5068.4
%RSD	19.89740	.7000018	193.2301	.7734916	.4784114	77.77358	1.822110
#1	.5247855	1505.050	6.712979	890.2581	479.6341	.0145290	H274577.5
#2	.6966342	1520.023	-1.03926	900.0500	482.8902	.0500361	H281745.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6885846	46.85736	10.79253	791.8117	33653.21	18583.40	46415.12
SDev	.1227677	1.05832	.26982	3.9028	385.00	82.34	471.71
%RSD	17.82899	2.258602	2.500100	.4928964	1.144023	.4430871	1.016284
#1	.6017747	46.10902	10.60174	789.0520	33380.97	18525.18	46081.57
#2	.7753944	47.60571	10.98333	794.5714	33925.44	18641.62	46748.67

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2195.325	17.93319	76482.55	230.1553	250.4774	1.088682	8.649202
SDev	26.281	.78459	349.24	2.5342	5.0849	1.046437	1.248542
%RSD	1.197121	4.375071	.4566328	1.101094	2.030070	96.11963	14.43534
#1	2176.742	17.37840	76235.60	228.3634	246.8818	1.828624	9.532055
#2	2213.908	18.48797	76729.51	231.9473	254.0729	.3487391	7.766350

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.483295	256.2794	247.5799	.9196998	1.425952	4.833296	4559.242
SDev	1.503166	1.3844	6.9323	1.040243	1.059126	.332144	87.477
%RSD	60.53109	.5402093	2.800031	113.1068	74.27504	6.872001	1.918678
#1	1.420397	255.3004	242.6780	1.655263	2.174867	4.598434	4497.387
#2	3.546194	257.2583	252.4818	.1841370	.6770363	5.068157	4621.098

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	35194.91	49.22427	1447.156	65.57214
SDev	372.17	1.24244	9.676	.57029
%RSD	1.057462	2.524041	.6686413	.8697129
#1	34931.74	48.34573	1440.313	65.16888
#2	35458.07	50.10280	1453.998	65.97540

Method: STL3 Sample Name: 220-8378-A-4-A Operator: NP
Run Time: 03/20/09 14:25:37
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3276882	159.6345	-5.34944	18.91701	160.8465	-.441999	161.5658
SDev	.1297173	6.0119	3.78570	.01148	.4865	.074999	2.5836
%RSD	39.58559	3.766045	70.76820	.0606797	.3024507	16.96824	1.599107
#1	.2359642	155.3835	-8.02634	18.90889	161.1904	-.388966	159.7389
#2	.4194122	163.8856	-2.67254	18.92513	160.5025	-.495032	163.3927

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.974914	.3132346	7.472988	1171.556	8189.905	1689.745	19.52433
SDev	.149922	.0910440	.231901	3.352	82.633	16.110	3.44063
%RSD	3.771697	29.06577	3.103186	.2861540	1.008959	.9534075	17.62229
#1	4.080925	.2488567	7.309010	1173.927	8131.475	1678.354	17.09144
#2	3.868904	.3776124	7.636967	1169.186	8248.335	1701.137	21.95723

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.73950	3.433695	163.7205	11.49262	784.7852	-.783224	74.49312
SDev	.36211	.169641	2.0154	.74170	8.9533	2.502066	.71989
%RSD	.9347295	4.940486	1.230993	6.453668	1.140859	319.4572	.9663807
#1	38.48345	3.313741	165.1456	10.96816	778.4543	-2.55245	75.00215
#2	38.99555	3.553650	162.2954	12.01708	791.1161	.9860035	73.98408

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.558590	787.2638	783.5468	-2.49622	2.646802	.2983571	660.3166
SDev	1.826191	2.7020	12.0742	2.25750	2.991794	.3033685	15.3957
%RSD	326.9287	.3432161	1.540973	90.43682	113.0343	101.6797	2.331565
#1	-1.84990	785.3532	775.0090	-4.09251	.5312836	.5128710	649.4302
#2	.7327223	789.1744	792.0846	-.899923	4.762320	.0838432	671.2030

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	98.95802	10.30867	1.069891	.6005027
SDev	5.90551	1.20157	.016626	.0075061
%RSD	5.967694	11.65591	1.553942	1.249963
#1	103.1338	11.15831	1.058135	.6058103
#2	94.78219	9.459031	1.081648	.5951951

Method: STL3 Sample Name: 220-8385-A-1-A Operator: NP
Run Time: 03/20/09 14:31:21
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.826637	428.5567	-2.08031	602.5255	103.1801	-.400179	H146225.6
SDev	.381425	4.1129	.67037	7.0355	.9730	.025181	2434.3
%RSD	46.14175	.9597012	32.22467	1.167676	.9429901	6.292494	1.664728
#1	-1.09634	425.6484	-1.60628	597.5506	102.4921	-.382373	H144504.4
#2	-.556929	431.4649	-2.55433	607.5004	103.8681	-.417985	H147946.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.791311	7.796895	-2.51991	23.21342	10923.01	23324.81	60705.24
SDev	.058070	.846272	.08472	.43124	61.20	161.10	605.23
%RSD	3.241761	10.85396	3.362195	1.857712	.5602976	.6906935	.9969950
#1	1.832372	7.198491	-2.57982	22.90849	10879.73	23210.90	60277.28
#2	1.750249	8.395300	-2.46001	23.51835	10966.28	23438.73	61133.20

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18918.15	.6447550	H169090.3	18.04080	.7453774	.6006104	.2378218
SDev	127.87	.0424103	29.6	.01111	.4119895	1.791806	1.458213
%RSD	.6759352	6.577733	.0175245	.0615933	55.27260	298.3308	613.1534
#1	18827.73	.6747436	H169069.4	18.04866	1.036698	1.867608	1.268934
#2	19008.57	.6147664	H169111.3	18.03294	.4540569	-.666388	-.793290

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.27042	5.692096	-1.72487	1.233936	-.669044	5.349357	15.24539
SDev	1.04496	.052563	.64392	3.410566	1.450434	2.025382	.52958
%RSD	31.95171	.9234357	37.33128	276.3973	216.7921	37.86215	3.473729
#1	-4.00932	5.654929	-1.26956	3.645570	-1.69466	3.917196	14.87092
#2	-2.53153	5.729264	-2.18019	-1.17770	.3565681	6.781518	15.61987

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	22547.98	L-23.3930	683.9227	30.84743
SDev	204.14	.1865	4.6401	.13335
%RSD	.9053449	.7972147	.6784518	.4322799
#1	22403.64	L-23.5249	680.6417	30.75314
#2	22692.33	L-23.2612	687.2037	30.94172

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 03/20/09 14:40:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.93025	4962.565	512.1138	499.2437	510.4750	506.5251	18832.41
SDev	.14150	7.351	2.8883	.7261	.5154	3.1763	166.32
%RSD	.2673332	.1481376	.5639933	.1454350	.1009643	.6270690	.8831617
#1	52.83020	4967.764	510.0715	498.7303	510.8395	504.2792	18714.80
#2	53.03031	4957.367	514.1561	499.7571	510.1106	508.7711	18950.02

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.8568	513.2343	516.9436	500.0785	5122.076	18906.16	18921.64
SDev	2.2133	2.7281	2.8667	.8272	40.271	166.47	14.01
%RSD	.4341005	.5315517	.5545496	.1654217	.7862223	.8805128	.0740617
#1	508.2917	511.3053	514.9166	500.6634	5093.601	19023.87	18911.73
#2	511.4218	515.1634	518.9707	499.4935	5150.552	18788.45	18931.55

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.5002	506.3276	21300.52	512.2885	500.3008	496.3657	493.8379
SDev	2.3075	3.2868	163.69	2.2905	4.4831	.3243	3.7615
%RSD	.4433163	.6491430	.7684904	.4471116	.8960890	.0653333	.7616808
#1	518.8687	504.0035	21416.27	510.6688	497.1308	496.1364	491.1781
#2	522.1319	508.6517	21184.77	513.9081	503.4709	496.5950	496.4976

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	496.7230	501.5726	499.6651	496.3540	496.3881	507.2370	514.9795
SDev	2.2883	2.5487	5.4489	3.4038	7.7920	1.5032	6.3779
%RSD	.4606707	.5081496	1.090505	.6857679	1.569741	.2963561	1.238477
#1	498.3410	499.7704	495.8122	498.7609	490.8783	506.1741	510.4696
#2	495.1049	503.3748	503.5180	493.9471	501.8979	508.3000	519.4893

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	574.7106	495.2496	515.6538	501.6572
SDev	13.5557	2.0998	.6040	.8858
%RSD	2.358708	.4239851	.1171248	.1765713
#1	584.2959	493.7648	516.0809	501.0308
#2	565.1252	496.7344	515.2268	502.2835

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 03/20/09 14:46:30
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1874637	25.09530	-5.93298	4.152047	-.000000	-.415566	1.370169
SDev	.1073554	1.86217	2.80177	.595404	.009634	.012537	.807380
%RSD	57.26733	7.420412	47.22356	14.34000	460e6	3.016827	58.92561
#1	.2633754	23.77854	-3.95184	4.573061	-.006812	-.406701	.7992647
#2	.1115519	26.41206	-7.91413	3.731033	.0068119	-.424431	1.941073

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1573212	-.253361	.2299262	-.779360	.6089000	31.64320	2.777456
SDev	.0001742	.539819	.1509055	.144587	1.156307	1.78999	1.719159
%RSD	.1107378	213.0630	65.63217	18.55199	189.9010	5.656790	61.89687
#1	.1571980	-.635070	.3366325	-.881598	1.426533	30.37749	1.561828
#2	.1574444	.1283483	.1232198	-.677121	-.208733	32.90892	3.993085

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.175572	1.709350	-3.24789	-.194082	.1332066	-1.53233	3.809182
SDev	.000009	2.268951	.60930	.092725	1.078058	2.65710	1.652665
%RSD	.0051612	132.7376	18.75999	47.77605	809.3130	173.4023	43.38636
#1	-.175566	3.313741	-3.67874	-.259648	.8955088	.3465205	4.977792
#2	-.175578	.1049599	-2.81705	-.128516	-.629096	-3.41119	2.640571

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.92404	.0767664	.1607347	-3.69166	2.791705	.1970793	-.441140
SDev	.79194	2.970997	.1330783	4.71935	1.473743	.0998151	.311762
%RSD	20.18173	3870.181	82.79376	127.8383	52.79007	50.64720	70.67185
#1	-3.36406	2.177579	.2548352	-.354573	1.749611	.2676593	-.661589
#2	-4.48403	-2.02405	.0666341	-7.02875	3.833798	.1264993	-.220691

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.743461	5.955792	.0117656	.1484765
SDev	.011273	2.931145	.0000169	.1838251
%RSD	1.516244	49.21503	.1441060	123.8076
#1	-.751432	8.028425	.0117775	.2784604
#2	-.735490	3.883160	.0117536	.0184925

Method: STL3 Sample Name: 220-8385-A-2-A Operator: NP
Run Time: 03/20/09 14:52:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0892339	46.54872	-6.92391	120.5055	38.54525	-.477257	72080.73
SDev	.0226489	.33297	1.56980	.0185	.23602	.025037	911.21
%RSD	25.38150	.7153083	22.67212	.0153151	.6123184	5.245976	1.264155
#1	.0732187	46.31327	-8.03393	120.4925	38.37836	-.494961	71436.41
#2	.1052490	46.78416	-5.81390	120.5186	38.71214	-.459553	72725.06

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0929467	.0668687	4.887850	.5659964	836.9095	18949.19	37811.90
SDev	.1610141	.1198162	.429342	.0356567	16.3113	69.81	211.70
%RSD	173.2328	179.1814	8.783860	6.299818	1.948989	.3684146	.5598797
#1	-.020908	.1515915	4.584259	.5407832	825.3757	18899.83	37662.21
#2	.2068009	-.017854	5.191440	.5912095	848.4434	18998.56	37961.60

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.72733	3.793559	H101594.3	.6593516	-1.18169	2.448704	2.528510
SDev	.21725	.508924	240.5	.5417612	1.38280	2.345968	.291534
%RSD	1.225516	13.41547	.2366869	82.16575	117.0186	95.80447	11.52988
#1	17.57371	3.433695	H101424.3	1.042435	-2.15947	4.107554	2.734656
#2	17.88095	4.153422	H101764.4	.2762686	-.203904	.7898542	2.322365

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.252270	2.165035	-2.85329	2.008914	3.328303	.9953697	28.77691
SDev	1.877745	2.460002	.84493	3.570752	.107135	.3242102	1.08817
%RSD	744.3382	113.6241	29.61248	177.7453	3.218900	32.57184	3.781384
#1	-1.58004	.4255511	-3.45075	4.533817	3.252548	1.224621	28.00746
#2	1.075496	3.904519	-2.25584	-.515988	3.404059	.7661185	29.54636

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6096.118	1.065512	671.3619	1.384786
SDev	49.037	4.318928	3.6462	.021301
%RSD	.8043954	405.3384	.5431102	1.538193
#1	6061.443	4.119455	668.7836	1.399848
#2	6130.792	-1.98843	673.9402	1.369724

Method: STL3 Sample Name: 220-8385-A-3-A Operator: NP
Run Time: 03/20/09 14:58:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1883338	5483.393	-5.29676	172.4051	113.7659	.1252540	15812.44
SDev	.0001635	20.968	.30639	1.3787	.4913	.0370706	133.22
%RSD	.0868410	.3823859	5.784504	.7996893	.4318650	29.59635	.8424830
#1	.1882181	5468.566	-5.51341	171.4302	113.4185	.1514668	15718.24
#2	.1884494	5498.219	-5.08011	173.3800	114.1133	.0990411	15906.64

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.405155	3.674163	13.93454	16.02705	10811.96	9982.787	10734.80
SDev	.059081	.054524	.10390	.10777	103.71	19.691	74.18
%RSD	14.58242	1.483976	.7455936	.6724499	.9592274	.1972453	.6910227
#1	-.363379	3.635609	13.86107	15.95084	10738.63	9968.863	10682.35
#2	-.446932	3.712717	14.00800	16.10326	10885.30	9996.710	10787.26

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	260.6205	1.319498	H114281.1	18.79009	7.481778	.0122808	2.510611
SDev	1.5727	.021205	196.5	.28490	.116371	2.794054	.350858
%RSD	.6034575	1.607063	.1719237	1.516228	1.555390	22751.36	13.97501
#1	259.5084	1.334493	H114142.1	18.99155	7.399491	1.987975	2.758705
#2	261.7326	1.304504	H114420.0	18.58864	7.564064	-1.96341	2.262516

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.80864	11.25307	5.598359	-2.21158	4.465589	17.65143	41.14055
SDev	.46392	2.11961	1.232683	4.21617	.054315	.20067	.22742
%RSD	6.813633	18.83580	22.01866	190.6404	1.216304	1.136865	.5527888
#1	-7.13668	12.75186	4.726720	.7697005	4.427182	17.50953	40.97974
#2	-6.48060	9.754282	6.469998	-5.19287	4.503995	17.79332	41.30136

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	26438.99	-5.46376	145.3280	436.9244
SDev	237.74	2.96621	.5143	2.0154
%RSD	.8992172	54.28875	.3538647	.4612670
#1	26270.88	-7.56119	144.9643	435.4993
#2	26607.10	-3.36634	145.6916	438.3495

Method: STL3 Sample Name: 220-8385-A-4-A Operator: NP
Run Time: 03/20/09 15:03:45
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0776399	4849.782	-7.19819	170.6437	108.4866	.0107864	15983.71
SDev	.4285751	35.364	.19106	2.4469	.8092	.0381041	231.40
%RSD	552.0035	.7291940	2.654314	1.433922	.7459114	353.2601	1.447694
#1	-.225408	4824.775	-7.33329	168.9134	107.9144	-.016157	15820.09
#2	.3806883	4874.788	-7.06308	172.3739	109.0588	.0377301	16147.33

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.055720	3.890616	12.85019	16.00141	9587.462	9715.718	10603.73
SDev	.251369	.282582	.21977	.12006	138.858	46.541	71.00
%RSD	451.1276	7.263160	1.710262	.7502784	1.448330	.4790239	.6695303
#1	-.233465	4.090431	12.69478	15.91652	9489.274	9682.809	10553.53
#2	.1220244	3.690800	13.00559	16.08630	9685.649	9748.627	10653.93

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	267.1099	1.634379	H113360.7	16.70154	5.713007	.5548925	1.308382
SDev	2.9696	.508924	360.6	.63843	.027310	.9656329	.989279
%RSD	1.111768	31.13865	.3180921	3.822605	.4780346	174.0216	75.61082
#1	265.0101	1.994242	H113105.7	17.15298	5.732318	1.237698	.6088567
#2	269.2098	1.274515	H113615.6	16.25010	5.693695	-.127913	2.007908

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.91396	10.00782	3.568170	-1.43170	4.533048	16.08355	38.63372
SDev	1.12509	1.12190	.600982	1.39644	.102720	1.38555	.92530
%RSD	58.78341	11.21022	16.84288	97.53720	2.266017	8.614716	2.395063
#1	-2.70952	9.214519	3.993128	-.444269	4.605681	15.10382	37.97944
#2	-1.11840	10.80112	3.143211	-2.41914	4.460414	17.06329	39.28801

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	25500.10	-3.74309	145.5602	399.8875
SDev	218.40	2.16613	.9042	3.1678
%RSD	.8564753	57.87003	.6211714	.7921681
#1	25345.67	-5.27478	144.9209	397.6476
#2	25654.53	-2.21141	146.1996	402.1275

Method: STL3 Sample Name: 220-8384-A-1-D Operator: NP
Run Time: 03/20/09 15:09:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.165089	80185.05	37.28737	52.28973	264.2752	4.399256	6186.658
SDev	.068611	20.21	3.80303	1.03504	1.2235	.001652	.000
%RSD	41.55980	.0252083	10.19926	1.979433	.4629467	.0375477	.0000000
#1	-.116574	80199.34	39.97652	51.55785	265.1404	4.400423	6186.658
#2	-.213604	80170.75	34.59821	53.02161	263.4101	4.398087	6186.658

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.47687	59.30853	131.8941	105.3143	H215440.6	6575.450	19540.83
SDev	.62392	.85889	.0553	.3826	233.8	51.910	35.16
%RSD	7.360221	1.448172	.0419087	.3632671	.1085210	.7894494	.1799553
#1	-8.91804	59.91586	131.9332	105.5848	H215605.9	6612.156	19565.69
#2	-8.03569	58.70120	131.8551	105.0437	H215275.2	6538.745	19515.96

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2243.050	1.064595	776.1480	80.65505	81.77447	.5289400	.9135096
SDev	6.860	1.145078	5.1557	.80933	1.49140	2.267351	1.203836
%RSD	.3058230	107.5599	.6642620	1.003443	1.823799	428.6594	131.7815
#1	2247.901	1.874288	779.7936	81.22733	80.71989	2.132200	.0622687
#2	2238.200	.2549029	772.5024	80.08277	82.82906	-1.07432	1.764750

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.83612	84.42863	80.44849	L-10.1166	21.85080	184.9827	424.2602
SDev	2.95405	.29558	2.38369	1.8420	3.11955	.2204	.9980
%RSD	14.89225	.3500892	2.963002	18.20738	14.27660	.1191341	.2352367
#1	21.92495	84.63763	78.76297	-8.81409	24.05666	184.8268	424.9659
#2	17.74730	84.21963	82.13402	L-11.4190	19.64494	185.1385	423.5545

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2184.588	12.14024	74.46629	2292.214
SDev	10.881	1.56040	.25436	7.086
%RSD	.4980762	12.85309	.3415836	.3091372
#1	2192.282	11.03688	74.64616	2297.225
#2	2176.894	13.24361	74.28643	2287.204

Method: STL3 Sample Name: 220-8384-A-3-D @2 Operator: NP
Run Time: 03/20/09 15:15:14
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.107055	66165.02	1.063259	3788.212	1860.625	99.50497	51694.21
SDev	.283658	322.74	2.044839	19.254	6.960	1.06487	478.45
%RSD	13.46232	.4877873	192.3182	.5082604	.3740760	1.070166	.9255474
#1	2.307632	65936.80	2.509178	3774.598	1855.703	98.75200	51355.89
#2	1.906478	66393.23	-.382661	3801.827	1865.546	100.2579	52032.53

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-16.4233	1233.820	1586.396	18211.91	H603879.6	7863.960	37469.63
SDev	.0949	8.354	11.933	66.79	2164.2	73.390	276.49
%RSD	.5781307	.6771045	.7522265	.3667523	.3583882	.9332486	.7379037
#1	L-16.4905	1227.913	1577.958	18164.68	H602349.2	7812.065	37274.12
#2	L-16.3562	1239.728	1594.834	18259.14	H605409.9	7915.855	37665.14

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7455.081	473.3401	15827.43	1916.930	10974.76	6.853136	21.46815
SDev	30.523	2.9899	129.03	20.120	72.47	2.782180	1.28804
%RSD	.4094206	.6316654	.8152415	1.049604	.6602973	40.59719	5.999772
#1	7433.498	471.2260	15736.19	1902.703	10923.51	8.820435	22.37893
#2	7476.664	475.4543	15918.67	1931.157	11026.00	4.885837	20.55737

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.05051	10957.64	10983.30	L-18.1223	56.87804	125.1158	H131198.7
SDev	.88757	5.32	105.99	5.7760	3.21441	.7092	1600.1
%RSD	2.061703	.0485684	.9649731	31.87221	5.651415	.5668696	1.219588
#1	42.42290	10953.87	10908.36	L-14.0381	54.60510	124.6142	H130067.2
#2	43.67812	10961.40	11058.25	L-22.2066	59.15097	125.6173	H132330.1

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3581.308	6710.251	383.4982	2379.717
SDev	15.969	62.312	1.3160	8.869
%RSD	.4459114	.9286151	.3431529	.3726932
#1	3570.016	6666.190	382.5676	2373.446
#2	3592.600	6754.312	384.4287	2385.989

Method: STL3 Sample Name: 220-8384-A-5-D @2 Operator: NP
Run Time: 03/20/09 15:20:59
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.429370	45574.35	.6765919	1731.446	920.7467	20.15835	13043.78
SDev	.036449	158.57	2.193172	11.531	7.0132	.15124	107.70
%RSD	2.549970	.3479341	324.1499	.6659483	.7616853	.7502618	.8257162
#1	1.403597	45462.22	-.874215	1723.293	915.7877	20.05141	12967.63
#2	1.455143	45686.47	2.227399	1739.599	925.7058	20.26529	13119.94

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.27290	406.9235	652.3265	6659.548	H274590.2	3616.181	19874.24
SDev	.02794	3.2796	5.5641	48.057	1734.6	19.690	202.27
%RSD	.3377577	.8059564	.8529701	.7216311	.6316885	.5444986	1.017735
#1	-8.25314	404.6045	648.3920	6625.566	H273363.7	3602.258	19731.22
#2	-8.29266	409.2426	656.2609	6693.530	H275816.8	3630.104	20017.27

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3108.802	149.6581	5689.288	848.8878	3460.562	3.441946	12.18238
SDev	22.608	.8906	24.747	6.9636	28.997	1.273920	1.61134
%RSD	.7272170	.5950932	.4349755	.8203259	.8379197	37.01161	13.22681
#1	3092.816	149.0284	5671.790	843.9638	3440.058	2.541149	11.04299
#2	3124.788	150.2879	5706.787	853.8118	3481.066	4.342743	13.32177

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.03567	3474.297	3453.704	-9.87456	30.11384	97.01247	60528.86
SDev	.04315	12.453	37.256	.33166	3.16113	1.50433	659.15
%RSD	.2153673	.3584248	1.078737	3.358719	10.49727	1.550655	1.088981
#1	20.06618	3465.492	3427.360	L-10.1091	27.87859	95.94875	60062.77
#2	20.00516	3483.102	3480.048	-9.64004	32.34910	98.07619	60994.95

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2082.233	2061.574	127.6681	1111.034
SDev	16.550	.504	.4689	5.800
%RSD	.7948294	.0244601	.3673140	.5220801
#1	2070.530	2061.217	127.3365	1106.932
#2	2093.936	2061.930	127.9997	1115.135

Method: STL3 Sample Name: 220-8384-A-7-D Operator: NP
Run Time: 03/20/09 15:26:44
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3762748	24171.59	7.131188	357.3465	288.7573	25.24782	H196122.4
SDev	.0958435	89.15	2.782843	.4383	.8381	.00054	802.7
%RSD	25.47167	.3688300	39.02356	.1226587	.2902486	.0021260	.4092789
#1	.4440464	24108.55	9.098955	357.6564	289.3499	25.24744	H195554.8
#2	.3085032	24234.63	5.163421	357.0365	288.1646	25.24820	H196690.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.03814	143.3685	201.6247	1854.157	H111951.1	6117.257	H108239.1
SDev	.08134	.3876	.3596	7.387	190.9	34.010	273.3
%RSD	3.990757	.2703786	.1783650	.3983968	.1704884	.5559654	.2525396
#1	-1.98063	143.0944	201.3704	1859.380	H112086.1	6093.208	H108432.3
#2	-2.09566	143.6426	201.8790	1848.934	H111816.1	6141.306	H108045.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1433.060	45.77760	3740.533	240.2750	1103.443	1.087703	4.549695
SDev	.662	.04241	23.974	.2959	1.616	.271071	1.191140
%RSD	.0462164	.0926462	.6409235	.1231570	.1464840	24.92142	26.18066
#1	1433.529	45.80759	3723.581	240.4842	1102.300	.8960269	5.391959
#2	1432.592	45.74762	3757.486	240.0658	1104.586	1.279379	3.707432

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.079958	1104.902	1102.714	-3.86117	10.99911	322.0216	14406.45
SDev	3.012320	4.267	.293	1.72868	2.64852	1.1381	60.83
%RSD	59.29812	.3862019	.0265593	44.77091	24.07945	.3534192	.4222355
#1	7.209989	1101.885	1102.507	-5.08353	12.87190	322.8264	14363.43
#2	2.949926	1107.920	1102.921	-2.63881	9.126316	321.2169	14449.46

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	13371.53	707.3717	213.7375	1270.089
SDev	22.84	6.7890	.6295	1.842
%RSD	.1708218	.9597539	.2945087	.1449951
#1	13355.38	712.1723	213.2924	1268.787
#2	13387.68	702.5712	214.1826	1271.392

Method: STL3 Sample Name: 220-8384-A-12-D @2 Operator: NP
Run Time: 03/20/09 15:32:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.965732	81643.68	.0294025	1996.536	1822.318	280.0596	40819.52
SDev	.055079	444.21	.5561694	9.100	4.306	.4394	182.47
%RSD	1.388878	.5440797	1891.572	.4557692	.2362971	.1569090	.4470084
#1	4.004679	81329.58	-.363869	1990.102	1819.273	279.7488	40690.50
#2	3.926785	81957.78	.4226737	2002.971	1825.363	280.3703	40948.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-15.8643	2493.521	2680.242	39887.51	H919975.3	11308.00	60078.88
SDev	.8951	17.340	14.262	274.08	1467.4	103.82	322.53
%RSD	5.642545	.6954020	.5321140	.6871424	.1595068	.9181205	.5368473
#1	L-16.4972	2481.260	2670.157	39693.70	H918937.7	11234.59	59850.81
#2	L-15.2313	2505.783	2690.327	40081.31	H921012.9	11381.42	60306.94

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8259.044	1019.328	15388.54	5694.405	15086.82	9.090655	23.71331
SDev	9.799	2.078	114.31	13.550	72.20	5.737519	2.29770
%RSD	.1186418	.2038715	.7428545	.2379590	.4785415	63.11447	9.689514
#1	8252.115	1017.858	15307.70	5684.823	15035.77	13.14769	25.33803
#2	8265.973	1020.797	15469.37	5703.986	15137.88	5.033616	22.08859

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.99888	15066.34	15097.05	L-17.2285	61.80707	180.0999	H115451.8
SDev	1.48086	67.26	74.66	7.5852	2.03660	1.1401	9.6
%RSD	2.598053	.4464122	.4945556	44.02697	3.295093	.6330577	.0083545
#1	55.95175	15018.79	15044.25	L-11.8650	63.24716	179.2937	H115445.0
#2	58.04601	15113.90	15149.84	L-22.5921	60.36697	180.9061	H115458.6

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5147.515	8152.244	285.3648	2471.652
SDev	31.424	59.737	1.0929	8.131
%RSD	.6104719	.7327683	.3829682	.3289648
#1	5125.294	8110.003	284.5920	2465.903
#2	5169.735	8194.484	286.1375	2477.402

Method: STL3 Sample Name: 220-8378-A-10-A @10 Operator: NP
Run Time: 03/20/09 15:45:36
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2120824	202.1161	-5.48034	5.518720	367.4724	-.315938	1025.229
SDev	.0508640	4.4920	2.43340	.952359	2.3072	.049973	20.669
%RSD	23.98315	2.222490	44.40231	17.25689	.6278635	15.81743	2.016030
#1	.2480487	198.9397	-7.20102	6.192139	365.8409	-.351275	1010.614
#2	.1761161	205.2924	-3.75967	4.845300	369.1039	-.280602	1039.844

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.915910	.1607263	3.505703	378.0970	635.5793	702.4783	175.7893
SDev	.054603	.8445693	.557104	1.1019	7.6374	8.9501	4.6667
%RSD	1.394395	525.4706	15.89137	.2914440	1.201642	1.274074	2.654738
#1	3.954521	-.436474	3.111771	377.3178	640.9798	696.1497	172.4895
#2	3.877300	.7579269	3.899635	378.8762	630.1789	708.8070	179.0892

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.899250	.7647092	4104.281	4.435450	3506.551	.7556057	37.64197
SDev	.072372	1.526771	44.057	.218973	37.321	.9825127	.17341
%RSD	1.048987	199.6537	1.073447	4.936878	1.064311	130.0298	.4606835
#1	6.848075	1.844299	4073.128	4.280613	3480.162	1.450347	37.51935
#2	6.950425	-.314881	4135.435	4.590287	3532.941	.0608643	37.76459

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.56232	3520.797	3499.438	-.295509	2.859891	.4453103	139.1614
SDev	2.30828	11.633	50.145	1.670734	.396138	.6238821	3.9680
%RSD	90.08543	.3303957	1.432950	565.3746	13.85150	140.1005	2.851352
#1	-.930121	3512.572	3463.980	.8858781	2.579779	.8864616	136.3556
#2	-4.19452	3529.023	3534.896	-1.47690	3.140003	.0041590	141.9672

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	154.7561	63.81338	5.636802	10.53710
SDev	1.3746	14.93289	.045436	.46896
%RSD	.8882537	23.40088	.8060538	4.450543
#1	155.7281	74.37254	5.604674	10.86871
#2	153.7841	53.25423	5.668930	10.20550

Method: STL3 Sample Name: 220-8378-A-12-A @100 Operator: NP
Run Time: 03/20/09 16:04:05
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.056167	41.21633	-8.12453	2.157374	72.39368	-.388712	164.5345
SDev	.061980	8.50871	1.60887	.118101	.24566	.075257	3.8754
%RSD	5.868404	20.64403	19.80267	5.474310	.3393355	19.36071	2.355389
#1	1.099994	47.23290	-6.98688	2.240885	72.21997	-.441927	161.7942
#2	1.012340	35.19976	-9.26218	2.073864	72.56738	-.335497	167.2749

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.039407	.0538590	.4636811	164.7605	30.78900	17.72022	6.600581
SDev	.023927	.0931333	.0346565	.6944	7.29704	7.16005	.245660
%RSD	60.71791	172.9207	7.474217	.4214648	23.70013	40.40611	3.721796
#1	-.056326	.1197141	.4391753	164.2695	35.94879	12.65730	6.426873
#2	-.022488	-.011996	.4881870	165.2515	25.62922	22.78314	6.774289

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2269326	.4048462	12.36190	-.953087	24988.07	.0434324	224.1289
SDev	.0102942	.0848205	1.31235	.388227	203.18	.3963776	2.0298
%RSD	4.536232	20.95130	10.61609	40.73366	.8130911	912.6310	.9056601
#1	.2196535	.4648233	11.43392	-.678569	24844.41	-.236849	225.5642
#2	.2342117	.3448690	13.28987	-1.22761	25131.74	.3237137	222.6936

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.86189	24999.92	24982.16	-1.93681	4.008866	1.436574	10.88660
SDev	2.73471	184.82	212.34	1.35713	1.528014	.583589	.00060
%RSD	70.81280	.7392714	.8499743	70.07034	38.11585	40.62369	.0055253
#1	-5.79562	24869.24	24832.01	-2.89645	5.089335	1.849234	10.88617
#2	-1.92816	25130.61	25132.31	-.977175	2.928397	1.023914	10.88702

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9.280416	10.06001	.8486854	2.114755
SDev	.726990	1.32589	.0040885	.742813
%RSD	7.833592	13.17980	.4817497	35.12526
#1	8.766357	10.99756	.8457943	1.589506
#2	9.794476	9.122466	.8515764	2.640003

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 03/20/09 16:09:51
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.99725	4981.333	531.1383	507.3055	514.7189	521.9734	19392.12
SDev	.08963	20.400	1.3283	1.7799	.2553	3.1890	191.83
%RSD	.1659834	.4095379	.2500828	.3508525	.0496047	.6109536	.9892392
#1	54.06063	4966.907	532.0775	506.0470	514.5383	519.7184	19256.48
#2	53.93388	4995.758	530.1990	508.5641	514.8994	524.2284	19527.77

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	525.8502	525.2658	530.6165	498.3637	5255.292	18813.76	19152.88
SDev	.6205	4.9657	4.1438	.5611	5.693	168.26	24.56
%RSD	.1180053	.9453721	.7809340	.1125802	.1083244	.8943435	.1282505
#1	525.4114	521.7545	527.6864	497.9670	5259.317	18694.78	19135.51
#2	526.2890	528.7771	533.5466	498.7604	5251.266	18932.74	19170.25

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	535.4484	520.4972	21295.50	524.3914	544.1917	506.8160	509.9808
SDev	.5588	4.6227	153.78	1.8378	1.6909	3.3972	3.6530
%RSD	.1043639	.8881385	.7221204	.3504659	.3107101	.6703088	.7162952
#1	535.0532	517.2284	21186.76	523.0919	545.3873	504.4139	507.3978
#2	535.8435	523.7660	21404.24	525.6909	542.9961	509.2183	512.5638

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	496.4932	540.4622	546.0531	506.2455	507.9578	518.5429	532.2509
SDev	10.0848	2.3795	3.7230	2.1501	5.8952	.9858	6.2246
%RSD	2.031205	.4402622	.6817965	.4247205	1.160568	.1901059	1.169495
#1	503.6242	538.7796	548.6856	504.7252	503.7893	517.8458	527.8494
#2	489.3621	542.1446	543.4205	507.7659	512.1263	519.2399	536.6524

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	561.1290	512.3448	522.4385	511.0726
SDev	3.6651	6.0796	1.9099	1.6432
%RSD	.6531568	1.186621	.3655800	.3215265
#1	558.5374	508.0459	521.0880	509.9106
#2	563.7206	516.6437	523.7891	512.2345

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 03/20/09 16:19:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0400224	30.43830	-6.56243	2.102729	.0408715	-.415482	4.224689
SDev	.2029794	4.36961	2.98473	.396420	.0096335	.062476	.000000
%RSD	507.1642	14.35562	45.48202	18.85264	23.57023	15.03694	.0000000
#1	.1835505	27.34852	-8.67295	2.383041	.0476834	-.459659	4.224689
#2	-.103506	33.52808	-4.45191	1.822418	.0340596	-.371305	4.224689

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0490691	.1522453	.4759672	-.677749	9.134017	6.328700	1.561734
SDev	.1382443	.1521544	.1276745	.167772	7.017011	5.370015	1.473565
%RSD	281.7341	99.94028	26.82423	24.75430	76.82284	84.85178	94.35442
#1	.1468226	.2598347	.3856876	-.796381	14.09579	2.531526	.5197661
#2	-.048684	.0446559	.5662467	-.559116	4.172241	10.12587	2.603701

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.190269	1.499430	-18.8743	.3072500	.0793931	-1.41048	5.402165
SDev	.000002	.572539	.8671	1.026714	.8357343	.13401	2.470041
%RSD	.0009193	38.18377	4.594018	334.1624	1052.653	9.501103	45.72316
#1	-.190270	1.904276	-19.4874	-.418747	-.511560	-1.31572	7.148748
#2	-.190268	1.094584	-18.2611	1.033247	.6703466	-1.50524	3.655583

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.040870	1.573449	-.667114	-3.57320	2.920137	-.521802	.1086620
SDev	4.034102	.531218	.987764	.12534	.653346	.019443	.3118674
%RSD	197.6658	33.76141	148.0652	3.507699	22.37380	3.726184	287.0069
#1	-.811671	1.197820	-1.36557	-3.66182	3.382122	-.535551	-.111862
#2	4.893411	1.949077	.0313403	-3.48457	2.458152	-.508054	.3291855

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.810145	9.555567	.0205514	.2015244
SDev	.980447	7.528175	.0041699	.1988814
%RSD	121.0213	78.78313	20.29026	98.68851
#1	-1.50343	14.87879	.0176028	.3421548
#2	-.116864	4.232344	.0234999	.0608940

Method: STL3 Sample Name: 220-8299-F-1-C @25 Operator: NP
Run Time: 03/20/09 16:24:47
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0677123	24.78274	-6.36922	23.02637	.7561231	-.442153	1570.671
SDev	.1972955	.33818	1.46415	.15911	.0192670	.050063	21.476
%RSD	291.3731	1.364594	22.98792	.6909791	2.548132	11.32259	1.367333
#1	-.071797	24.54361	-5.33391	22.91386	.7697469	-.477553	1555.485
#2	.2072213	25.02187	-7.40453	23.13887	.7424992	-.406753	1585.857

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0149744	.0836000	.0982126	-.931087	55.44136	1884.667	1661.252
SDev	.3509971	.0605729	.3367714	.311290	2.80106	5.370	5.648
%RSD	2343.978	72.45565	342.9006	33.43299	5.052297	.2849276	.3400135
#1	.2631669	.1264315	.3363459	-.710972	57.42201	1880.870	1657.258
#2	-.233218	.0407685	-.139921	-1.15120	53.46071	1888.464	1665.246

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.302337	.1049601	25550.62	.1386805	1.847007	-.741980	2.356295
SDev	.020744	.0424101	91.65	.0337863	.683712	1.598116	.408485
%RSD	1.592797	40.40596	.3587067	24.36268	37.01728	215.3854	17.33590
#1	1.317005	.1349486	25485.82	.1147900	1.363550	.3880590	2.645138
#2	1.287669	.0749716	25615.43	.1625710	2.330464	-1.87202	2.067453

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.14083	2.435603	1.552450	-3.14409	4.068457	.5198264	.1064484
SDev	.14250	1.428020	.312116	2.81929	.847896	.5577397	.1557363
%RSD	4.537021	58.63106	20.10470	89.66942	20.84073	107.2935	146.3022
#1	-3.24160	1.425841	1.331751	-1.15055	3.468904	.9142079	.2165706
#2	-3.04007	3.445365	1.773149	-5.13763	4.668010	.1254448	-.003674

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	133.3850	7.571076	17.61724	.0192376
SDev	2.1435	1.203340	.06627	.0599705
%RSD	1.607037	15.89391	.3761562	311.7352
#1	131.8693	8.421967	17.57038	.0616432
#2	134.9008	6.720186	17.66409	-.023168

Method: STL3 Sample Name: 220-8299-G-1-A @25 Operator: NP
Run Time: 03/20/09 16:30:32
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0478207	28.18445	-4.90431	22.09193	.7901827	-.424491	1604.925
SDev	.0112791	4.46909	.91816	.41618	.0674346	.024968	5.329
%RSD	23.58611	15.85657	18.72147	1.883850	8.534054	5.881862	.3320257
#1	.0557962	25.02432	-5.55354	21.79765	.8378662	-.442147	1601.157
#2	.0398452	31.34457	-4.25507	22.38621	.7424992	-.406836	1608.693

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2772897	-.065010	.3526560	-.804232	3.577609	1970.737	1686.433
SDev	.1944311	.151663	.2320243	.155661	4.202812	12.530	6.386
%RSD	70.11842	233.2908	65.79337	19.35520	117.4754	.6358072	.3786573
#1	.1398061	-.172253	.5167219	-.694163	.6057728	1961.877	1681.917
#2	.4147732	.0422317	.1885900	-.914301	6.549446	1979.597	1690.948

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.251105	.3148804	26285.08	-.790789	-.177838	-4.40531	.8654145
SDev	.051777	.1272308	32.88	.113795	1.077085	.35132	2.653187
%RSD	4.138493	40.40607	.1250865	14.39004	605.6542	7.974932	306.5799
#1	1.214493	.2249146	26261.83	-.710324	-.939453	-4.15689	2.741501
#2	1.287717	.4048462	26308.33	-.871255	.5837761	-4.65373	-1.01067

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.90207	.7306355	-.632094	-6.36462	-.481818	.3257347	.4389087
SDev	7.42672	2.661223	.286345	.02093	1.096938	.4826141	.7784144
%RSD	255.9115	364.2340	45.30106	.3288406	227.6666	148.1617	177.3522
#1	-8.15355	-1.15113	-.834571	-6.37942	.2938345	-.015525	.9893308
#2	2.349419	2.612405	-.429617	-6.34982	-1.25747	.6669944	-.111513

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	133.5380	3.075868	18.25636	-.163995
SDev	1.0883	.462642	.00428	.041248
%RSD	.8149926	15.04101	.0234555	25.15206
#1	134.3076	3.403005	18.25939	-.193161
#2	132.7684	2.748731	18.25333	-.134828

Method: STL3 Sample Name: 220-8299-F-2-A @25 Operator: NP
Run Time: 03/20/09 16:36:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2676341	33.81269	-5.84261	6.773204	4.059904	-.477490	3308.503
SDev	.0170147	1.31614	3.74729	.021238	.038534	.049983	13.080
%RSD	6.357442	3.892432	64.13734	.3135636	.9491445	10.46791	.3953322
#1	.2796653	34.74334	-3.19287	6.758186	4.032656	-.512833	3299.254
#2	.2556029	32.88204	-8.49234	6.788222	4.087152	-.442146	3317.751

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2867852	-.175124	.3184274	-.795435	18.08951	1839.101	562.1814
SDev	.0981130	.364911	.1393612	.239837	12.34617	5.370	.4911
%RSD	34.21130	208.3727	43.76547	30.15170	68.25043	.2919965	.0873560
#1	.3561616	.0829068	.2198841	-.965025	26.81957	1835.304	561.8341
#2	.2174089	-.433155	.4169706	-.625844	9.359450	1842.898	562.5286

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.226199	-.344869	19014.20	-.026038	-1.46648	-.737048	.1044598
SDev	.010315	.720975	10.85	.033562	1.84905	1.087338	.1437698
%RSD	.1656631	209.0576	.0570609	128.8944	126.0874	147.5260	137.6317
#1	6.233492	.1649373	19006.53	-.049770	-.159007	-1.50591	.0027992
#2	6.218905	-.854675	19021.87	-.002306	-2.77395	.0318159	.2061204

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.06594	-.134547	-2.13215	-3.04288	3.880533	.9096626	.5479038
SDev	1.72595	1.099160	2.22357	1.79570	.331514	.3472624	.0010536
%RSD	42.44904	816.9351	104.2877	59.01324	8.542996	38.17486	.1923018
#1	-5.28638	.6426764	-.559847	-4.31263	4.114949	.6641110	.5471588
#2	-2.84551	-.911770	-3.70445	-1.77313	3.646117	1.155214	.5486488

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	316.7789	1.418767	37.48074	.3425703
SDev	.1071	.277912	.05448	.0000434
%RSD	.0338083	19.58825	.1453674	.0126661
#1	316.8546	1.615280	37.51926	.3425396
#2	316.7032	1.222254	37.44221	.3426010

Method: STL3 Sample Name: 220-8299-G-2-A @25 Operator: NP
Run Time: 03/20/09 16:42:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1361370	30.04306	-5.63175	6.549544	3.787427	-.362539	3137.346
SDev	.2140919	.56003	2.12350	.178330	.038534	.012438	16.793
%RSD	157.2621	1.864081	37.70596	2.722781	1.017424	3.430899	.5352755
#1	-.015249	30.43906	-4.13020	6.423446	3.760180	-.371335	3125.471
#2	.2875228	29.64707	-7.13329	6.675642	3.814675	-.353744	3149.220

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.040213	.1692890	.1296310	-.787241	9.527807	1760.626	531.0920
SDev	.106660	.6038236	.0350140	.108052	2.575543	5.370	4.1752
%RSD	265.2348	356.6821	27.01050	13.72546	27.03185	.3050114	.7861590
#1	-.115633	-.257679	.1048724	-.863646	11.34899	1756.829	528.1396
#2	.0352065	.5962568	.1543896	-.710837	7.706624	1764.423	534.0443

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.604243	.1349488	18298.45	-.384755	.3137686	-.449970	1.745332
SDev	.020764	.4665131	79.77	.067294	1.876576	.637818	.646553
%RSD	.3705032	345.6965	.4359487	17.49015	598.0765	141.7468	37.04469
#1	5.589561	.4648233	18242.05	-.337171	-1.01317	-.900976	1.288150
#2	5.618926	-.194926	18354.86	-.432339	1.640709	.0010355	2.202513

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.83399	.1096805	.4150100	-1.72886	2.110453	.0729440	.5480721
SDev	2.66867	.7700490	3.197834	.14614	1.622927	.7804683	.3114321
%RSD	55.20637	702.0839	770.5440	8.453192	76.89946	1069.956	56.82320
#1	-6.72102	.6541873	-1.84620	-1.83220	.9628703	-.478930	.3278563
#2	-2.94695	-.434826	2.676220	-1.62552	3.258035	.6248184	.7682878

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	292.9608	4.341431	35.59428	-.015709
SDev	2.5710	.894704	.00869	.048767
%RSD	.8776024	20.60852	.0244245	310.4446
#1	291.1428	3.708779	35.60043	-.050192
#2	294.7788	4.974082	35.58814	.0187748

Method: STL3 Sample Name: 220-8299-F-3-A @25 Operator: NP
Run Time: 03/20/09 16:47:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1173703	34.20078	-6.47080	8.651905	5.466566	-.424439	4855.881
SDev	.0168542	.56392	.42446	.378287	.024084	.000107	10.496
%RSD	14.35982	1.648846	6.559631	4.372292	.4405640	.0253016	.2161527
#1	.1292880	33.80203	-6.77094	8.919393	5.449536	-.424515	4848.459
#2	.1054526	34.59952	-6.17066	8.384416	5.483595	-.424364	4863.303

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1144932	-.175047	.4053334	-.719258	28.42501	1841.632	995.0094
SDev	.0696790	.181573	.1042474	.299164	14.04936	5.370	2.9466
%RSD	60.85861	103.7283	25.71892	41.59343	49.42607	.2915951	.2961417
#1	.1637637	-.303438	.3316194	-.930799	18.49061	1837.835	992.9258
#2	.0652227	-.046655	.4790475	-.507717	38.35941	1845.430	997.0930

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.24943	-.299886	24082.18	-.365129	-.072786	-2.47460	-.536434
SDev	.07251	.106026	37.47	.307858	.419630	.49687	.000994
%RSD	.4462566	35.35535	.1556027	84.31495	576.5261	20.07890	.1853198
#1	16.30071	-.374858	24055.68	-.147440	-.369509	-2.82594	-.537137
#2	16.19816	-.224915	24108.68	-.582817	.2239372	-2.12325	-.535731

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.19707	-.420505	.1000636	-4.50690	1.595017	.8025207	-.003510
SDev	2.73638	1.053026	.1034771	.73059	2.955620	.9617711	.310396
%RSD	44.15605	250.4192	103.4113	16.21046	185.3033	119.8438	8843.939
#1	-4.26216	-1.16511	.0268942	-3.99030	-.494922	1.482596	-.222993
#2	-8.13198	.3240966	.1732329	-5.02351	3.684957	.1224458	.2159737

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	389.7566	2.596929	59.64222	.2775479
SDev	.9465	.833333	.01646	.0487803
%RSD	.2428344	32.08917	.0275971	17.57544
#1	390.4259	2.007674	59.63059	.2430550
#2	389.0874	3.186184	59.65386	.3120407

Method: STL3 Sample Name: 220-8299-G-3-A @25 Operator: NP
Run Time: 03/20/09 16:53:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2331186	22.94107	-7.72268	9.566616	5.786726	-.300648	5083.786
SDev	.2029231	.75541	.07988	.000879	.014450	.150102	61.846
%RSD	87.04716	3.292842	1.034299	.0091848	.2497146	49.92604	1.216527
#1	.0896303	23.47522	-7.66620	9.565995	5.776508	-.406786	5040.054
#2	.3766068	22.40691	-7.77917	9.567238	5.796944	-.194510	5127.517

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0178586	-.430266	.1504265	-.795606	-1.36257	1973.268	1138.459
SDev	.3562392	.121440	.2087719	.047895	4.48582	8.950	4.912
%RSD	1994.774	28.22432	138.7867	6.019933	329.2176	.4535629	.4314401
#1	.2697578	-.344395	.0028025	-.761739	1.809383	1966.939	1134.986
#2	-.234041	-.516137	.2980505	-.829473	-4.53452	1979.597	1141.932

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.08340	-.059977	25956.02	-.046713	.7257701	-.969904	.7627610
SDev	.01039	.106026	88.61	.947921	1.597624	.741250	.5484080
%RSD	.0608215	176.7764	.3413773	2029.248	220.1281	76.42512	71.89775
#1	17.09075	.0149942	25893.36	.6235683	1.855461	-1.49405	1.150544
#2	17.07605	-.134949	26018.67	-.716994	-.403921	-.445761	.3749780

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.79269	-.288784	1.231487	-2.14522	1.383264	-.108076	.2729512
SDev	4.82645	3.001217	.896880	1.52419	.826973	.482393	.5441415
%RSD	172.8245	1039.258	72.82898	71.05024	59.78419	446.3459	199.3549
#1	-6.20550	1.833396	1.865677	-3.22299	1.968022	.2330272	.6577173
#2	.6201267	-2.41097	.5972976	-1.06746	.7985054	-.449179	-.111815

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	394.1978	2.050486	62.55359	-.107827
SDev	2.1399	.493527	.14465	.007308
%RSD	.5428439	24.06881	.2312428	6.777118
#1	392.6847	1.701509	62.45130	-.102660
#2	395.7109	2.399462	62.65587	-.112994

Method: STL3 Sample Name: 220-8299-F-4-A @25 Operator: NP
Run Time: 03/20/09 16:59:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2474612	27.18521	-7.11942	8.415491	2.241122	-.389038	3205.055
SDev	.0790519	8.29608	.38109	.199485	.019267	.000012	23.737
%RSD	31.94517	30.51689	5.352803	2.370455	.8596964	.0030063	.7406146
#1	.1915630	21.31900	-6.84995	8.274433	2.227498	-.389030	3188.270
#2	.3033593	33.05143	-7.38889	8.556548	2.254745	-.389047	3221.840

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1513258	-.067812	.0480999	-.626214	5.369925	2471.964	1061.269
SDev	.0361609	.395886	.1509112	.096216	15.76949	8.950	5.403
%RSD	23.89603	583.7971	313.7456	15.36465	293.6631	.3620607	.5091481
#1	.1768954	-.347745	-.058610	-.558179	16.52064	2465.636	1057.448
#2	.1257563	.2121211	.1548102	-.694249	-5.78079	2478.293	1065.089

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.833717	-.239909	22719.37	.0715431	-.943375	-1.94147	.1371067
SDev	.062096	1.208693	35.95	.0237872	1.262022	3.28077	1.527097
%RSD	1.619737	503.8136	.1582315	33.24878	133.7773	168.9839	1113.802
#1	3.789809	-1.09458	22693.95	.0547230	-1.83576	.3783861	1.216927
#2	3.877626	.6147664	22744.79	.0883632	-.050991	-4.26132	-.942714

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.963472	-1.84215	-.495310	-4.12056	2.422258	.1048655	-.111283
SDev	.068677	.04470	1.914332	5.45097	1.066142	.1902618	.155825
%RSD	7.128074	2.426479	386.4916	132.2870	44.01436	181.4341	140.0253
#1	-1.01203	-1.81055	-1.84895	-.266145	1.668382	-.029670	-.221468
#2	-.914910	-1.87376	.8583270	-7.97498	3.176134	.2394009	-.001099

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	319.5492	1.309169	48.69637	.1154001
SDev	1.2667	1.172079	.19132	.0262672
%RSD	.3963882	89.52851	.3928913	22.76186
#1	318.6535	.4803835	48.56108	.0968264
#2	320.4448	2.137954	48.83165	.1339738

Method: STL3 Sample Name: 220-8299-G-4-A @25 Operator: NP
Run Time: 03/20/09 17:05:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2276283	19.37222	-4.82722	9.901772	2.445479	-.327248	3609.826
SDev	.0732336	3.60984	1.39326	.317228	.009634	.012482	16.148
%RSD	32.17247	18.63408	28.86253	3.203752	.3939346	3.814306	.4473240
#1	.1758443	21.92476	-3.84204	10.12608	2.438667	-.336075	3598.408
#2	.2794123	16.81968	-5.81240	9.677457	2.452291	-.318422	3621.244

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.191722	.1692756	.4174165	-.364046	9.719987	2698.529	1159.563
SDev	.223412	.0600598	.0695366	.060002	.568202	10.740	1.965
%RSD	116.5292	35.48047	16.65881	16.48205	5.845703	.3979963	.1694306
#1	-.349698	.1268070	.4665863	-.406474	10.12177	2690.935	1158.174
#2	-.033746	.2117443	.3682467	-.321618	9.318208	2706.124	1160.953

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.243479	.4948120	24367.41	-.296396	.0651979	-3.71917	1.301888
SDev	.020666	.2120513	81.60	.308122	.4173010	.29282	.931354
%RSD	.4870088	42.85494	.3348807	103.9561	640.0528	7.873266	71.53871
#1	4.258092	.6447549	24309.71	-.078521	.3602743	-3.51211	1.960455
#2	4.228866	.3448690	24425.12	-.514271	-.229878	-3.92622	.6433213

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.56004	-.802048	.4974709	-6.46854	1.786839	.7037147	.3287044
SDev	3.31597	2.684566	.7146319	.50124	.124639	.3017774	.7778432
%RSD	93.14439	334.7140	143.6530	7.748828	6.975384	42.88349	236.6391
#1	-5.90478	1.096227	-.007850	-6.11412	1.698706	.4903259	-.221314
#2	-1.21529	-2.70032	1.002792	-6.82297	1.874972	.9171036	.8787225

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	341.6451	.5454846	53.43803	-.080439
SDev	.0755	.4010999	.00383	.033832
%RSD	.0220943	73.53093	.0071627	42.05976
#1	341.6984	.2618642	53.43533	-.104362
#2	341.5917	.8291051	53.44074	-.056516

Method: STL3 Sample Name: 220-8299-F-5-A @25 Operator: NP
Run Time: 03/20/09 17:10:45
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1319102	24.15477	-5.77558	9.972254	2.435261	-.185724	3507.520
SDev	.2310292	2.30846	1.05159	.179221	.004817	.062460	16.470
%RSD	175.1414	9.556940	18.20748	1.797192	.1977972	33.63080	.4695752
#1	-.031452	22.52244	-5.03199	9.845526	2.431855	-.141558	3495.874
#2	.2952725	25.78709	-6.51916	10.09898	2.438667	-.229890	3519.166

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2778682	-.559687	.1795273	-.414641	14.53600	2790.927	1167.031
SDev	.0827504	.001869	.1042865	.060129	5.61498	8.950	6.140
%RSD	29.78045	.3338993	58.08949	14.50146	38.62811	.3206823	.5261040
#1	.3363816	-.558366	.1057856	-.457159	18.50640	2784.599	1162.689
#2	.2193548	-.561009	.2532690	-.372124	10.56561	2797.256	1171.372

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.236196	.1199542	24613.19	-.744340	-.920449	-2.53923	-1.07727
SDev	.010411	.8270007	34.78	.502068	1.159012	1.51460	.43185
%RSD	.2457537	689.4304	.1412984	67.45145	125.9181	59.64801	40.08706
#1	4.243557	.7047321	24588.60	-.389324	-1.73999	-1.46824	-1.38263
#2	4.228834	-.464824	24637.78	-1.09936	-.100904	-3.61021	-.771909

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.30442	-1.42353	-.669937	-4.99185	2.372185	1.057918	.2181259
SDev	7.42088	.30459	1.585651	3.46669	2.395448	.717958	.0004975
%RSD	224.5743	21.39708	236.6865	69.44700	100.9807	67.86517	.2280654
#1	-8.55177	-1.63891	-1.79116	-2.54053	.6783473	1.565590	.2177742
#2	1.942932	-1.20815	.4512872	-7.44317	4.066023	.5502449	.2184777

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	361.4857	2.574854	52.94187	.2927947
SDev	1.1662	1.172206	.01634	.0375157
%RSD	.3226081	45.52513	.0308554	12.81297
#1	362.3104	1.745979	52.93032	.3193223
#2	360.6611	3.403729	52.95342	.2662671

Method: STL3 Sample Name: 220-8299-G-5-A @25 Operator: NP
Run Time: 03/20/09 17:16:30
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3192373	12.65264	-5.09586	10.00046	2.384172	-.265361	3526.017
SDev	.2028542	.20779	.73312	.05944	.028900	.000058	23.899
%RSD	63.54337	1.642261	14.38649	.5943442	1.212179	.0219660	.6777766
#1	.1757978	12.79957	-5.61425	9.958434	2.363736	-.265402	3509.118
#2	.4626769	12.50571	-4.57747	10.04249	2.404608	-.265320	3542.916

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.073559	-.301824	.1548441	-.059137	9.354302	2616.257	1133.513
SDev	.010831	.240334	.1159457	.084008	.550959	8.950	7.859
%RSD	14.72401	79.62723	74.87899	142.0555	5.889901	.3420922	.6933281
#1	-.065901	-.471765	.0728581	-.118540	8.964715	2609.928	1127.956
#2	-.081218	-.131882	.2368300	.0002652	9.743889	2622.586	1139.071

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.111791	.1499430	23689.03	-.424527	-.172229	.4286374	.4272464
SDev	.000046	.6997697	86.66	.491212	.366514	.2674208	.2150209
%RSD	.0011070	466.6904	.3658376	115.7081	212.8066	62.38858	50.32714
#1	4.111823	.6447549	23627.75	-.077188	.0869358	.2395423	.2752037
#2	4.111758	-.344869	23750.31	-.771867	-.431393	.6177324	.5792891

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.89848	.0701604	-.294041	-.488109	2.263883	.7359236	2.913593
SDev	.07255	2.218659	.558170	1.273870	1.748500	.5140465	.077543
%RSD	2.502968	3162.264	189.8274	260.9804	77.23454	69.85053	2.661426
#1	-2.84718	1.638989	-.688727	-1.38887	3.500259	1.099409	2.968424
#2	-2.94978	-1.49867	.1006450	.4126526	1.027507	.3724378	2.858762

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	332.7492	4.275890	51.96256	-.098949
SDev	9.3616	.370173	.15796	.029912
%RSD	2.813414	8.657217	.3039823	30.22919
#1	326.1295	4.537642	51.85086	-.120100
#2	339.3689	4.014138	52.07424	-.077799

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 03/20/09 17:22:17
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.00861	4997.274	531.1967	510.4900	519.6984	524.3871	19388.70
SDev	.63832	19.751	4.7526	.8067	1.8256	2.3265	95.92
%RSD	1.181876	.3952354	.8947050	.1580194	.3512722	.4436517	.4947034
#1	53.55726	4983.309	527.8361	509.9196	518.4075	522.7420	19320.88
#2	54.45997	5011.241	534.5573	511.0604	520.9893	526.0321	19456.52

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	523.5037	519.8268	530.7645	499.6857	5282.494	18753.01	19336.95
SDev	2.2721	1.5847	3.5161	2.5946	26.857	85.92	72.23
%RSD	.4340127	.3048494	.6624619	.5192498	.5084205	.4581685	.3735113
#1	521.8971	518.7063	528.2783	497.8510	5263.503	18692.25	19285.88
#2	525.1103	520.9474	533.2508	501.5203	5301.485	18813.76	19388.02

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	533.8313	516.7637	21160.18	526.9454	507.0479	507.1617	506.1041
SDev	3.1351	8.6729	101.99	4.0435	1.8988	4.7256	6.7355
%RSD	.5872768	1.678309	.4819794	.7673486	.3744721	.9317704	1.330859
#1	531.6145	510.6310	21088.07	524.0862	505.7053	503.8202	501.3414
#2	536.0482	522.8963	21232.30	529.8046	508.3905	510.5032	510.8668

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491.4937	510.8577	505.1449	509.2885	502.9007	517.1599	532.3063
SDev	4.7664	2.2408	3.9653	4.1969	5.7843	.3437	3.3435
%RSD	.9697763	.4386273	.7849922	.8240698	1.150196	.0664617	.6281201
#1	488.1233	512.4421	502.3410	506.3209	498.8106	516.9169	529.9420
#2	494.8640	509.2732	507.9488	512.2562	506.9909	517.4030	534.6705

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	548.7063	510.2709	519.7347	509.3221
SDev	2.1710	5.6805	2.3665	2.7639
%RSD	.3956493	1.113233	.4553290	.5426678
#1	547.1712	506.2541	518.0614	507.3677
#2	550.2414	514.2876	521.4081	511.2765

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 03/20/09 17:28:29
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.027688	2.861098	-3.33572	2.609207	.0272477	-.150256	2.511977
SDev	.118158	5.334981	1.21185	.793632	.0289005	.012378	.161477
%RSD	426.7430	186.4662	36.32952	30.41658	106.0660	8.237917	6.428266
#1	-.111239	-.911303	-4.19263	3.170389	.0068119	-.159009	2.397796
#2	.0558621	6.633499	-2.47881	2.048025	.0476834	-.141504	2.626158

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0359357	.2392391	.4513761	-.212349	-3.19615	18.98597	.5200471
SDev	.1727320	.0882035	.1854245	.035336	.26851	5.37001	1.473829
%RSD	480.6700	36.86835	41.07983	16.64077	8.401051	28.28412	283.4030
#1	-.086204	.1768698	.5824911	-.187362	-3.38601	15.18880	1.562202
#2	.1580756	.3016084	.3202612	-.237335	-3.00628	22.78314	-.522107

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.146355	1.934265	-17.2172	-.636527	-.131773	-1.68434	5.345993
SDev	.041295	1.314719	.0234	.308606	.793358	.19290	1.341466
%RSD	28.21537	67.96995	.1360828	48.48279	602.0664	11.45270	25.09292
#1	-.117155	2.863912	-17.2006	-.854744	.4292166	-1.54794	6.294553
#2	-.175555	1.004618	-17.2337	-.418310	-.692762	-1.82074	4.397434

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.578317	-.127430	-.134740	-3.75096	2.454105	-.337907	.0547322
SDev	2.525238	1.181528	.599565	.33430	1.248900	1.024872	.2334943
%RSD	159.9956	927.1946	444.9789	8.912506	50.89026	303.3000	426.6122
#1	-.207296	.7080358	.2892163	-3.98735	3.337211	-1.06260	-.110373
#2	3.363930	-.962897	-.558697	-3.51457	1.570999	.3867869	.2198376

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.25093	5.083060	.0028958	.1140471
SDev	3.03824	2.437398	.0041665	.1049704
%RSD	93.45751	47.95139	143.8805	92.04126
#1	-1.10257	6.806560	-.000050	.1882723
#2	-5.39929	3.359560	.0058420	.0398218

Method: STL3 Sample Name: 220-8369-D-10-A @5 Operator: NP
Run Time: 03/20/09 17:34:15
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3969512	262.0525	-7.58826	40.23486	37.48259	-.052736	50294.93
SDev	.1070599	293.0589	1.70275	.02092	.07225	.099937	47.47
%RSD	26.97055	111.8321	22.43924	.0519838	.1927557	189.5027	.0943889
#1	.4726540	469.2765	-6.38424	40.22007	37.43150	-.123402	50328.50
#2	.3212484	54.82860	-8.79229	40.24965	37.53368	.0179296	50261.36

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4211066	-.221549	.6019145	.9565486	75.73288	2093.512	13262.65
SDev	.1554430	.300525	.4294221	.0120711	10.09781	3.580	42.49
%RSD	36.91299	135.6472	71.34271	1.261940	13.33346	.1710080	.3203624
#1	.5310214	-.009046	.9055618	.9650841	82.87312	2090.981	13232.61
#2	.3111918	-.434053	.2982672	.9480131	68.59265	2096.044	13292.70

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.11701	.7197265	41496.26	1.048122	-.663781	-2.06754	.8599642
SDev	.07243	.3604875	36.84	.615940	.037816	.24041	.0780209
%RSD	.3274635	50.08673	.0887757	58.76601	5.697011	11.62783	9.072570
#1	22.16823	.4648233	41470.21	.6125873	-.637041	-2.23753	.9151333
#2	22.06580	.9746296	41522.31	1.483658	-.690521	-1.89754	.8047952

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.99506	-.203597	-.894327	-4.19824	2.199258	.3645362	3.286669
SDev	2.89476	1.318388	.601510	2.13029	4.988921	.0293350	.008878
%RSD	145.0965	647.5469	67.25840	50.74243	226.8457	8.047220	.2701363
#1	.0518453	.7286436	-1.31966	-2.69190	-1.32844	.3437932	3.280391
#2	-4.04196	-1.13584	-.468995	-5.70458	5.726957	.3852792	3.292947

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1254.129	-4.90514	118.9010	1.534534
SDev	3.249	3.54864	.0782	.424327
%RSD	.2590543	72.34536	.0657987	27.65183
#1	1256.427	-2.39587	118.9563	1.834578
#2	1251.832	-7.41441	118.8457	1.234489

Method: STL3 Sample Name: 220-8369-D-12-A @5 Operator: NP
Run Time: 03/20/09 17:40:00
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1838901	13.28122	-5.02717	58.56711	83.04071	.0000479	55690.43
SDev	.1801832	3.71115	2.55495	.59589	.12042	.0249899	440.83
%RSD	97.98415	27.94288	50.82277	1.017444	.1450099	52191.45	.7915748
#1	.3112989	10.65704	-3.22055	58.14575	83.12585	.0177184	55378.71
#2	.0564814	15.90540	-6.83380	58.98846	82.95556	-.017623	56002.14

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0857451	.2050275	.1789161	4.986147	81.27368	4181.961	12220.30
SDev	.1764839	.0601397	.1387664	.155659	9.56222	21.480	37.83
%RSD	205.8240	29.33248	77.55945	3.121831	11.76545	.5136452	.3095744
#1	.2105380	.1625023	.0807935	4.876080	88.03519	4166.772	12193.54
#2	-.039048	.2475527	.2770388	5.096215	74.51218	4197.150	12247.05

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	476.7552	.7647093	47220.00	.8515568	1.802394	-.201796	1.350328
SDev	1.5107	.1272308	179.72	.0906497	1.567851	.212776	.858599
%RSD	.3168654	16.63780	.3806039	10.64517	86.98717	105.4413	63.58444
#1	475.6870	.6747436	47092.92	.7874578	.6937553	-.051340	1.957449
#2	477.8234	.8546751	47347.08	.9156559	2.911032	-.352252	.7432073

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.527023	.1448550	2.629221	-.892229	1.180041	.1143514	6.331343
SDev	1.226887	1.335371	3.017286	.814996	.993613	.1281165	.000342
%RSD	232.7958	921.8676	114.7597	91.34386	84.20155	112.0375	.0053947
#1	.3405172	1.089105	.4956771	-.315939	.4774508	.0237594	6.331101
#2	-1.39456	-.799395	4.762765	-1.46852	1.882632	.2049435	6.331584

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1392.921	-.238039	153.9348	.2580876
SDev	7.653	.462749	.2368	.1404126
%RSD	.5494221	194.4002	.1538098	54.40502
#1	1387.509	-.565252	153.7674	.1588009
#2	1398.332	.0891736	154.1023	.3573743

Method: STL3 Sample Name: 220-8369-D-15-A @25 Operator: NP
Run Time: 03/20/09 17:45:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0872332	493.2653	-6.41740	17.71188	20.72527	.0898798	9943.549
SDev	.0281394	.1232	1.53704	.11864	.10115	.0750053	124.822
%RSD	32.25769	.0249843	23.95122	.6698312	.4880634	83.45064	1.255302
#1	.0673357	493.3524	-7.50425	17.62798	20.65374	.0368431	9855.286
#2	.1071308	493.1782	-5.33054	17.79577	20.79679	.1429166	10031.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.110996	.3201089	1.430659	1.109082	1054.928	612.6117	2645.917
SDev	.173248	.4823726	.417911	.036133	1.366	.0000	10.072
%RSD	156.0849	150.6902	29.21105	3.257918	.1295003	.0000000	.3806668
#1	-.233501	-.020980	1.135152	1.083533	1053.963	612.6117	2638.795
#2	.0115088	.6611978	1.726166	1.134632	1055.895	612.6117	2653.039

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	165.0179	.6897378	25656.88	1.070834	3.427197	-.896424	.2371383
SDev	.4243	.4453081	99.34	.616278	.313820	.619372	1.342046
%RSD	.2571045	64.56193	.3871821	57.55119	9.156754	69.09367	565.9336
#1	164.7179	1.004618	25586.64	1.506609	3.205293	-1.33439	-.711831
#2	165.3179	.3748575	25727.12	.6350600	3.649101	-.458462	1.186108

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.11391	3.104917	3.587396	-3.34900	4.015097	1.997731	2.063547
SDev	.86748	3.770298	2.352817	2.08819	2.322667	.780605	.077438
%RSD	41.03670	121.4299	65.58566	62.35249	57.84833	39.07456	3.752644
#1	-2.72731	5.770920	1.923703	-4.82557	5.657471	1.445760	2.118304
#2	-1.50051	.4389132	5.251090	-1.87243	2.372724	2.549702	2.008791

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1148.738	1.534869	29.90212	7.209458
SDev	10.223	1.943965	.07244	.240424
%RSD	.8899266	126.6535	.2422525	3.334835
#1	1141.509	.1602783	29.85090	7.039453
#2	1155.967	2.909459	29.95334	7.379463

Method: STL3 Sample Name: 220-8369-D-11-A Operator: NP
Run Time: 03/20/09 17:51:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.074819	329.5182	-4.33747	261.5864	78.58911	.0900145	H123305.6
SDev	.242282	5.7880	.04922	2.0406	.52984	.0750507	1929.6
%RSD	323.8227	1.756508	1.134782	.7800837	.6741890	83.37627	1.564929
#1	.0964998	325.4254	-4.30266	260.1435	78.21446	.0369456	H121941.1
#2	-.246138	333.6109	-4.37227	263.0293	78.96377	.1430833	H124670.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3688222	1.199684	3.511130	7.212044	530.9525	18180.90	50720.09
SDev	.1682386	.243230	.487179	.071746	23.3434	150.36	426.11
%RSD	45.61510	20.27449	13.87527	.9948045	4.396508	.8270273	.8401192
#1	.2498595	1.371674	3.166643	7.262776	514.4463	18074.58	50418.78
#2	.4877849	1.027695	3.855618	7.161312	547.4588	18287.22	51021.39

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	90.27524	2.833923	H108645.2	1.402332	.6122685	2.457569	-2.12226
SDev	1.10710	.212052	368.4	.912679	1.108739	.936529	.42749
%RSD	1.226365	7.482616	.3391032	65.08296	181.0870	38.10794	20.14294
#1	89.49240	2.983866	H108384.6	.7569704	1.396265	3.119795	-2.42454
#2	91.05808	2.683980	H108905.7	2.047694	-.171728	1.795343	-1.81998

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.22152	2.344002	-.253099	1.687788	3.998344	2.242413	8.427520
SDev	6.49385	.879009	1.223432	1.022773	.763640	.073425	.777075
%RSD	292.3161	37.50034	483.3798	60.59842	19.09891	3.274392	9.220684
#1	-6.81336	2.965555	.6119973	2.410998	4.538319	2.190493	7.878045
#2	2.370329	1.722449	-1.11820	.9645785	3.458369	2.294332	8.976994

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9659.868	L-10.3642	282.3882	7.901141
SDev	115.456	2.9611	2.7241	.130321
%RSD	1.195212	28.57084	.9646772	1.649400
#1	9578.228	-8.27035	280.4620	7.808990
#2	9741.508	L-12.4580	284.3145	7.993292

Method: STL3 Sample Name: 220-8369-D-13-A Operator: NP
Run Time: 03/20/09 17:57:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3440826	13.50271	-6.69244	154.7935	242.1569	.0441108	H255835.9
SDev	.2930583	2.06619	.04075	.4362	1.9364	.0125329	2736.1
%RSD	85.17093	15.30203	.6088952	.2818169	.7996279	28.41230	1.069455
#1	.1368591	12.04169	-6.72125	154.4850	240.7877	.0529729	H253901.2
#2	.5513061	14.96372	-6.66362	155.1019	243.5261	.0352487	H257770.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2682104	.6403499	.5479118	5.316289	36.71892	9319.545	90852.41
SDev	.3690656	.0900264	.2904028	.311404	2.23769	55.491	785.16
%RSD	137.6030	14.05894	53.00174	5.857548	6.094104	.5954220	.8642139
#1	.0072416	.5766916	.3425660	5.096093	35.13663	9280.308	90297.22
#2	.5291792	.7040082	.7532575	5.536485	38.30120	9358.783	91407.60

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.72695	1.049601	H131123.5	1.429493	.3069705	.9772013	-.289567
SDev	.11386	.190846	520.7	.482531	.5775169	2.290758	1.863884
%RSD	.5493259	18.18276	.3971242	33.75536	188.1343	234.4202	643.6807
#1	20.64644	1.184550	H130755.3	1.770694	.7153366	2.597012	1.028398
#2	20.80746	.9146523	H131491.8	1.088293	-.101396	-.642609	-1.60753

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.482655	2.343825	-.710729	.3701259	2.192074	.6375317	5.110994
SDev	.434058	1.942485	.103944	3.759023	.650324	.5046211	.233259
%RSD	89.93130	82.87671	14.62496	1015.607	29.66706	79.15231	4.563858
#1	-.789580	3.717369	-.784229	3.028157	1.732226	.2807107	5.275933
#2	-.175730	.9702805	-.637230	-2.28790	2.651923	.9943527	4.946056

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4412.764	L-43.9139	380.6383	-.157440
SDev	26.235	.9562	1.3436	.096933
%RSD	.5945279	2.177536	.3529991	61.56818
#1	4394.213	L-43.2378	379.6882	-.225981
#2	4431.315	L-44.5901	381.5884	-.088898

Method: STL3 Sample Name: 220-8369-D-14-A Operator: NP
Run Time: 03/20/09 18:03:01
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2941053	15.35521	-6.62140	520.7490	134.8556	.1239647	H196236.8
SDev	.0564868	3.60427	1.72568	5.2162	.7225	.0252442	2145.5
%RSD	19.20631	23.47261	26.06219	1.001666	.5357690	20.36407	1.093336
#1	.2541632	17.90381	-5.40116	517.0606	134.3447	.1418151	H194719.7
#2	.3340475	12.80661	-7.84165	524.4374	135.3665	.1061143	H197753.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.008313	.0143222	27.80325	4.994022	52.96648	35177.08	38935.44
SDev	.210644	.2720106	.70738	.096087	3.35301	279.24	320.27
%RSD	4.205885	1899.217	2.544218	1.924041	6.330447	.7938149	.8225660
#1	5.157260	-.178018	27.30306	4.926078	50.59553	34979.62	38708.97
#2	4.859365	.2066628	28.30343	5.061966	55.33741	35374.53	39161.90

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	226.7082	2.519043	84616.69	12.27413	-1.02653	.2311933	.2484494
SDev	2.1004	.699770	637.03	.36067	1.85488	.3449200	.1638400
%RSD	.9264720	27.77920	.7528372	2.938467	180.6938	149.1911	65.94500
#1	225.2231	3.013855	84166.24	12.01909	-2.33813	-.012702	.1325971
#2	228.1935	2.024231	85067.13	12.52916	.2850659	.4750886	.3643018

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.74551	-.890727	-1.09528	-.185198	1.064124	.5808798	22.33405
SDev	1.36676	.757556	2.40279	.480061	.074373	.0433837	.31188
%RSD	78.30136	85.04914	219.3763	259.2157	6.989151	7.468617	1.396433
#1	-.779065	-1.42640	-2.79431	-.524652	1.011535	.5502029	22.11352
#2	-2.71195	-.355054	.6037466	.1542570	1.116714	.6115567	22.55458

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8283.180	L-29.7978	900.6637	1.199971
SDev	45.586	2.2221	4.5085	.736826
%RSD	.5503394	7.457346	.5005749	61.40372
#1	8250.945	L-28.2265	897.4757	1.720985
#2	8315.413	L-31.3691	903.8517	.6789554

Method: STL3 Sample Name: 220-8369-D-15-A Operator: NP
Run Time: 03/20/09 18:08:46
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0639580	13180.82	5.612297	407.9925	489.4467	1.108615	H222215.8
SDev	.0303704	103.65	1.299273	2.5375	4.0894	.025203	2812.6
%RSD	47.48492	.7863740	23.15048	.6219362	.8355207	2.273413	1.265704
#1	.0854331	13107.53	6.531022	406.1983	486.5550	1.090793	H220227.0
#2	.0424829	13254.11	4.693572	409.7868	492.3383	1.126436	H224204.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5904626	8.892962	20.95230	27.22729	23545.74	28672.51	63445.18
SDev	.2465960	.118959	.45478	.28719	225.41	202.27	488.18
%RSD	41.76319	1.337679	2.170568	1.054790	.9573383	.7054583	.7694559
#1	.4160929	8.808845	20.63072	27.02421	23386.35	28529.48	63099.98
#2	.7648323	8.977078	21.27388	27.43036	23705.13	28815.53	63790.38

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3655.136	4.168416	H213819.2	22.21085	25.95070	1.129791	-.831052
SDev	28.743	.530129	326.0	.79900	.61776	3.574439	1.264641
%RSD	.7863766	12.71775	.1524644	3.597319	2.380517	316.3805	152.1735
#1	3634.811	3.793558	H214049.8	22.77582	26.38752	3.657301	-1.72529
#2	3675.460	4.543273	H213588.7	21.64587	25.51388	-1.39772	.0631841

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.30539	31.74492	23.05723	2.090525	-.795764	31.31050	68.45548
SDev	3.98071	.34566	1.09875	4.115160	2.491371	.30629	1.14972
%RSD	120.4307	1.088882	4.765323	196.8482	313.0791	.9782242	1.679511
#1	-6.12018	31.50050	23.83417	5.000382	.9659014	31.09392	67.64251
#2	-.490607	31.98934	22.28030	-.819333	-2.55743	31.52708	69.26846

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	26688.26	1.207439	695.4834	143.4945
SDev	257.14	.129067	3.1059	.9764
%RSD	.9634883	10.68932	.4465804	.6804245
#1	26506.44	1.116175	693.2872	142.8041
#2	26870.09	1.298703	697.6796	144.1849

Method: STL3 Sample Name: 220-8369-D-16-A Operator: NP
Run Time: 03/20/09 18:14:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0065900	35.89923	-4.94302	341.0180	201.8099	.2565898	H356313.1
SDev	.1746364	1.66219	.76860	2.7978	1.1657	.0122676	4174.0
%RSD	2650.027	4.630157	15.54914	.8204278	.5776051	4.781033	1.171438
#1	-.116897	37.07458	-4.39954	339.0396	200.9857	.2479152	H353361.6
#2	.1300766	34.72389	-5.48650	342.9963	202.6342	.2652643	H359264.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1645750	.3876556	2.852136	3.394638	115.6313	44930.77	78881.05
SDev	.0483130	.2733476	.150595	.059602	7.0190	322.20	555.29
%RSD	29.35622	70.51302	5.280064	1.755780	6.070188	.7171103	.7039571
#1	.1304125	.5809415	2.958622	3.436783	120.5946	44702.93	78488.40
#2	.1987375	.1943696	2.745649	3.352493	110.6681	45158.60	79273.70

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.32914	.7946979	74905.94	.4963259	.0282295	2.957171	-1.05869
SDev	.23809	.2968720	592.41	.1763293	.9491221	1.227638	1.28683
%RSD	.5370927	37.35659	.7908670	35.52691	3362.164	41.51393	121.5498
#1	44.16079	1.004618	74487.04	.3716423	.6993602	3.825242	-.148759
#2	44.49749	.5847777	75324.83	.6210095	-.642901	2.089100	-1.96861

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.89283	1.606860	-.761102	2.731054	3.409184	.7588930	2.906550
SDev	.72083	2.458195	.195152	.877319	1.929469	1.288995	.389251
%RSD	24.91780	152.9813	25.64068	32.12384	56.59621	169.8520	13.39220
#1	-3.40253	3.345066	-.623109	3.351412	4.773525	-.152564	2.631308
#2	-2.38313	-.131346	-.899095	2.110695	2.044843	1.670350	3.181792

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7269.854	L-72.0967	1183.185	1.399930
SDev	50.883	2.8691	5.075	.013113
%RSD	.6999183	3.979460	.4289119	.9366760
#1	7233.873	L-74.1255	1179.596	1.390658
#2	7305.833	L-70.0680	1186.773	1.409202

Method: STL3 Sample Name: 220-8369-D-18-A Operator: NP
Run Time: 03/20/09 18:20:16
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1507678	56.98094	-.603782	238.7142	289.8745	.2821944	H235500.3
SDev	.2029154	3.48279	.449726	.4967	.5587	.0500665	1323.1
%RSD	134.5880	6.112195	74.48494	.2080591	.1927558	17.74184	.5618377
#1	.2942507	59.44364	-.921786	238.3630	289.4793	.2467920	H234564.7
#2	.0072850	54.51824	-.285777	239.0654	290.2695	.3175967	H236435.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3458094	.2994118	3.326564	4.459802	44.80776	36459.26	44859.00
SDev	.3264585	.1821559	.185775	.060004	7.59608	166.47	113.71
%RSD	94.40418	60.83789	5.584577	1.345448	16.95260	.4565875	.2534806
#1	.1149683	.1706082	3.195202	4.502231	50.17899	36341.55	44778.59
#2	.5766504	.4282155	3.457927	4.417372	39.43652	36576.97	44939.40

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	141.2700	6.612487	H118367.8	-.064365	-.382921	2.310688	-.714146
SDev	.4450	.169641	486.1	.505141	.628464	.490482	1.147805
%RSD	.3149887	2.565466	.4106388	784.8045	164.1238	21.22664	160.7242
#1	141.5846	6.492533	H118024.1	.2928234	.0614703	1.963866	-1.52577
#2	140.9553	6.732441	H118711.5	-.421554	-.827312	2.657511	.0974749

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.701828	1.975102	-1.56091	.1926523	6.551920	8.739044	4.603769
SDev	1.661460	3.372564	2.62591	1.211004	.953011	.682107	.156099
%RSD	97.62801	170.7539	168.2288	628.5960	14.54552	7.805277	3.390688
#1	2.876657	-.409661	.2958831	-.663657	7.225801	9.221367	4.493390
#2	.5269976	4.359865	-3.41771	1.048962	5.878040	8.256723	4.714148

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7204.395	L-37.6961	912.6183	.5199021
SDev	27.826	.5551	.4198	.0889773
%RSD	.3862331	1.472473	.0459949	17.11424
#1	7184.720	L-38.0886	912.9152	.5828186
#2	7224.071	L-37.3036	912.3215	.4569857

Method: STL3 Sample Name: 220-8369-D-19-A Operator: NP
Run Time: 03/20/09 18:26:02
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.112764	-.558920	-6.13309	179.6437	216.5101	.2121798	H256506.8
SDev	.079113	.093373	.08533	.9130	.8574	.0501138	1343.2
%RSD	70.15794	16.70591	1.391298	.5082068	.3959971	23.61856	.5236354
#1	-.168705	-.492895	-6.19342	178.9981	215.9038	.1767440	H255557.0
#2	-.056823	-.624944	-6.07275	180.2893	217.1163	.2476156	H257456.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.010161	-.386587	1.993129	6.255889	386.3818	9929.626	57477.54
SDev	.008611	.029387	.000495	.059608	1.3964	41.170	192.80
%RSD	84.74796	7.601672	.0248424	.9528375	.3613958	.4146142	.3354399
#1	-.004072	-.365807	1.993479	6.213739	387.3692	9900.515	57341.20
#2	-.016250	-.407367	1.992779	6.298038	385.3944	9958.737	57613.87

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	135.2553	1.334493	H131588.6	2.101017	.0182189	1.489875	-1.48835
SDev	.9622	.424103	273.9	.769718	.8716546	1.692144	.24071
%RSD	.7113592	31.78008	.2081353	36.63549	4784.350	113.5763	16.17295
#1	134.5750	1.034607	H131395.0	2.645290	-.598134	.2933481	-1.31814
#2	135.9357	1.634379	H131782.3	1.556744	.6345718	2.686401	-1.65856

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.00836	2.523015	-1.23310	.1916541	4.089213	.8684795	32.19807
SDev	3.24193	2.642281	.01233	2.401077	.272149	.8822070	.15587
%RSD	107.7639	104.7271	1.000025	1252.818	6.655292	101.5806	.4841115
#1	-5.30075	.6546400	-1.22438	-1.50616	3.896775	1.492294	32.30829
#2	-.715972	4.391390	-1.24182	1.889472	4.281652	.2446649	32.08785

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11445.15	L-25.3633	646.8931	.2393964
SDev	50.14	1.5117	4.2084	.0299186
%RSD	.4381288	5.960277	.6505582	12.49751
#1	11409.69	L-24.2944	643.9173	.2182408
#2	11480.61	L-26.4323	649.8689	.2605520

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/20/09 18:31:47
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.52652	5124.833	534.0988	525.4421	527.5151	548.0570	19890.87
SDev	.55937	13.099	5.4411	3.5385	2.9671	7.3154	303.25
%RSD	1.025863	.2556069	1.018737	.6734351	.5624746	1.334794	1.524580
#1	54.13099	5115.571	530.2514	522.9400	525.4170	542.8842	19676.43
#2	54.92205	5134.096	537.9462	527.9442	529.6132	Q553.2298	20105.30

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	531.6084	519.5555	542.4454	505.3173	5429.466	18892.23	19728.77
SDev	4.2180	4.4278	7.1966	2.7505	36.171	85.92	197.98
%RSD	.7934407	.8522348	1.326699	.5443125	.6662020	.4547920	1.003496
#1	528.6258	516.4246	537.3566	503.3723	5403.889	18831.48	19588.78
#2	534.5909	522.6865	547.5342	507.2622	5455.042	18952.99	19868.76

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	539.7071	514.3945	21155.34	Q552.5735	515.6422	513.4647	520.1337
SDev	4.6151	9.2667	106.39	7.1096	4.3659	4.3975	3.9306
%RSD	.8551193	1.801474	.5029212	1.286628	.8466836	.8564269	.7556915
#1	536.4438	507.8420	21080.11	547.5463	512.5551	510.3552	517.3543
#2	542.9706	520.9471	21230.58	Q557.6008	518.7293	516.5742	522.9130

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483.3968	523.1957	511.8704	521.0457	498.2790	527.4509	Q556.2908
SDev	3.1470	6.1079	3.4963	3.4028	6.3899	5.5178	9.7249
%RSD	.6510091	1.167430	.6830530	.6530756	1.282394	1.046126	1.748164
#1	485.6221	518.8768	509.3981	518.6395	493.7606	523.5492	549.4143
#2	481.1716	527.5147	514.3427	523.4518	502.7973	531.3525	Q563.1673

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	565.7847	518.1301	517.2327	511.6786
SDev	1.6644	9.6303	2.5414	3.2881
%RSD	.2941760	1.858668	.4913502	.6426076
#1	566.9616	511.3204	515.4356	509.3535
#2	564.6078	524.9398	519.0297	514.0036

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/20/09 18:37:31
Comment: 6010/2007
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3311169	-18.6977	-7.01839	3.787355	.0374656	.3625780	3.197062
SDev	.0957151	4.3770	.99481	1.152595	.0048167	.0625186	.161477
%RSD	28.90674	23.40923	14.17428	30.43273	12.85648	17.24280	5.050779
#1	.2634361	-21.7927	-7.72183	4.602363	.0408715	.4067854	3.311243
#2	.3987977	-15.6027	-6.31496	2.972347	.0340596	.3183707	3.082881

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2807300	-.250659	.5335854	1.116460	-.784161	43.03476	-.522014
SDev	.0865169	.179063	.3945472	.215873	14.88769	.00000	.491320
%RSD	30.81856	71.43719	73.94265	19.33548	1898.551	.0000000	94.12021
#1	.3419066	-.377275	.2545984	.9638148	-11.3114	43.03476	-.869430
#2	.2195533	-.124042	.8125724	1.269105	9.743029	43.03476	-.174598

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.160947	3.073832	1.922226	-.129659	2.250390	-2.55901	4.334888
SDev	.020663	1.102668	.703045	.890318	.121424	1.54721	3.395351
%RSD	12.83867	35.87273	36.57454	686.6612	5.395683	60.46154	78.32614
#1	-.175559	3.853536	2.419354	-.759209	2.164530	-3.65305	6.735764
#2	-.146336	2.294128	1.425098	.4998907	2.336249	-1.46496	1.934013

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.50616	1.704870	2.521991	-5.16861	2.666944	.1218590	.0550544
SDev	5.48185	1.792210	1.076877	2.59014	.541635	.3157884	.2334148
%RSD	99.55853	105.1230	42.69948	50.11294	20.30919	259.1424	423.9716
#1	-9.38241	2.972153	1.760524	-7.00012	3.049938	.3451552	-.109995
#2	-1.62990	.4375861	3.283458	-3.33710	2.283951	-.101437	.2201035

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1.307823	6.850340	.0117272	.2705353
SDev	2.045893	2.406267	.0083432	.1163822
%RSD	156.4350	35.12624	71.14445	43.01922
#1	-.138842	8.551827	.0058276	.3528300
#2	2.754488	5.148852	.0176268	.1882407

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 25450

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Authorizing Signature (2nd level Review) Date 3/24/09

TestAmerica Form #MEF01105.CT

Table Name: W032309 Autosampler Type: TYPE TJA
Sample Positions: 131/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	35	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	61	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	2	QC Standard
9	1	9	CCB	-NA-	2	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name		Set #	#Used	Type
1	1	1	220-8385-B-2-B		1	-NA-	Sample
2	1	2	220-8385-B-3-B		1	-NA-	Sample
3	1	3	220-8385-B-4-B		1	-NA-	Sample
4	1	4	220-8385-B-5-B		1	-NA-	Sample
5	1	5	220-8385-B-6-B		1	-NA-	Sample
6	1	6	220-8385-B-7-B		1	-NA-	Sample
7	1	7	220-8385-B-8-B		1	-NA-	Sample
8	1	8	220-8385-B-9-B		1	-NA-	Sample
9	1	9	220-8385-B-10-B		1	-NA-	Sample
10	1	10	220-8385-B-11-B		1	-NA-	Sample
11	1	11	220-8385-B-13-B		1	-NA-	Sample
12	1	12	220-8385-B-14-B		1	-NA-	Sample
13	2	1	220-8385-B-15-B		1	-NA-	Sample
14	2	2	220-8385-B-16-B		1	-NA-	Sample
15	2	3	220-8385-B-17-B		1	-NA-	Sample
16	2	4	220-8385-B-18-B		1	-NA-	Sample
17	2	5	220-8385-B-19-B		1	-NA-	Sample
18	2	6	220-8385-B-20-B		1	-NA-	Sample
19	2	7	220-8352-D-11-A		1	-NA-	Sample
20	2	8	220-8352-D-12-A		1	-NA-	Sample
21	2	9	220-8352-D-13-A		1	-NA-	Sample
22	2	10	220-8352-D-14-A		1	-NA-	Sample
23	2	11	220-8352-D-15-A		1	-NA-	Sample
24	2	12	220-8352-D-16-A		1	-NA-	Sample
25	3	1	220-8352-D-17-A		1	-NA-	Sample
26	3	2	220-8364-F-2-A	@2	1	-NA-	Sample
27	3	3	220-8369-D-1-A		1	-NA-	Sample
28	3	4	220-8369-D-3-A		1	-NA-	Sample
29	3	5	220-8369-D-4-A		1	-NA-	Sample
30	3	6	220-8369-D-5-A		1	-NA-	Sample
31	3	7	220-8369-C-6-A		1	-NA-	Sample
32	3	8	220-8369-D-7-A		1	-NA-	Sample
33	3	9	220-8369-D-8-A		1	-NA-	Sample
34	3	10	220-8369-D-15-A		1	-NA-	Sample
35	3	11	220-8397-C-2-A	@10	1	-NA-	Sample
36	3	12	220-8397-C-3-A	@10	1	-NA-	Sample
37	4	1	220-8385-A-5-A		1	-NA-	Sample
38	4	2	220-8385-A-6-A		1	-NA-	Sample
39	4	3	220-8385-A-7-A		1	-NA-	Sample
40	4	4	220-8385-A-8-A		1	-NA-	Sample
41	4	5	220-8385-A-9-A		1	-NA-	Sample
42	4	6	220-8385-A-10-A		1	-NA-	Sample
43	4	7	220-8285-A-11-A		1	-NA-	Sample
44	4	8	220-8385-A-13-A		1	-NA-	Sample
45	4	9	220-8385-A-14-A		1	-NA-	Sample
46	4	10	220-8385-A-16-A		1	-NA-	Sample
47	4	11	220-8385-A-17-A		1	-NA-	Sample
48	4	12	220-8385-A-18-A		1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	220-8385-A-19-A	1	-NA-	Sample
2	1	2	220-8369-D-1-A @5	1	-NA-	Sample
3	1	3	220-8369-D-3-A @10	1	-NA-	Sample
4	1	4	220-8369-D-8-A @5	1	-NA-	Sample
5	1	5	(empty)	1	-NA-	-NA-
6	1	6	(empty)	1	-NA-	-NA-
7	1	7	(empty)	1	-NA-	-NA-
8	1	8	(empty)	1	-NA-	-NA-
9	1	9	(empty)	1	-NA-	-NA-
10	1	10	(empty)	1	-NA-	-NA-
11	1	11	(empty)	1	-NA-	-NA-
12	1	12	(empty)	1	-NA-	-NA-
13	2	1	(empty)	1	-NA-	-NA-
(14...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Method: STL3 Standard: STD1
Run Time: 03/23/09 09:58:39

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00670	.09390	.00488	.0992	.00023	-.00660	.00397
SDev	.00052	.00203	.00490	.0007	.00014	.00009	.00005
%RSD	7.7395	2.1587	100.42	.7131	60.609	1.4285	1.1884
#1	-.00707	.09533	.00834	.0997	.00013	-.00667	.00400
#2	-.00633	.09247	.00141	.0987	.00033	-.00653	.00393

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00647	-.00003	.00273	.03650	-.00883	.02070	.00083
SDev	.00339	.00052	.00028	.00042	.00014	.00005	.00005
%RSD	52.486	1555.6	10.348	1.1624	1.6010	.22774	5.6569
#1	.00887	-.00040	.00253	.03680	-.00873	.02073	.00080
#2	.00407	.00033	.00293	.03620	-.00893	.02067	.00087

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00110	-.00790	.15963	-.00713	.01457	-.00523	-.02477
SDev	.00005	.00033	.00005	.00255	.00080	.00288	.00938
%RSD	4.2855	4.1770	.02953	35.686	5.5015	54.947	37.877
#1	.00107	-.00813	.15967	-.00533	.01400	-.00727	-.03140
#2	.00113	-.00767	.15960	-.00893	.01513	-.00320	-.01813

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	-.00113	-.03037	.02147	.00003	-.00080	.3184	.00020
SDev	.00038	.00080	.00245	.00042	.00028	.0030	.00009
%RSD	33.276	2.6390	11.419	1272.8	35.355	.9328	47.140
#1	-.00087	-.02980	.01973	-.00027	-.00060	.3205	.00013
#2	-.00140	-.03093	.02320	.00033	-.00100	.3163	.00027

Elem	Sr4215	Ti3349
Avge	.00127	-.01513
SDev	.00009	.00085
%RSD	7.4432	5.6070
#1	.00133	-.01453
#2	.00120	-.01573

Method: STL3 Standard: STD2
Run Time: 03/23/09 10:04:29

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.83400	4.9733	1.3552	2.497	10.068	3.8424	14.666
SDev	.00660	.0096	.0009	.011	.011	.0181	.124
%RSD	.79133	.19337	.06461	.4248	.10863	.46988	.84344
#1	.82933	4.9665	1.3546	2.490	10.076	3.8296	14.578
#2	.83867	4.9801	1.3558	2.505	10.060	3.8551	14.753

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.4552	1.5249	4.0776	4.0963	1.8807	1.3721	9.8918
SDev	.0277	.0171	.0297	.0122	.0075	.0004	.0206
%RSD	.32783	1.1222	.72718	.29691	.40106	.03093	.20873
#1	8.4356	1.5128	4.0566	4.0877	1.8753	1.3724	9.8772
#2	8.4748	1.5370	4.0985	4.1049	1.8860	1.3718	9.9064

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.5691	2.2056	104.25	4.1152	1.9990	.62553	4.1144
SDev	.0171	.0203	.09	.0155	.0025	.00622	.0041
%RSD	.37348	.92119	.08849	.37573	.12498	.99476	.10082
#1	4.5570	2.1912	104.32	4.1043	1.9973	.62993	4.1115
#2	4.5811	2.2199	104.19	4.1261	2.0008	.62113	4.1173

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6076	2.2739	1.8754	1.8594	.60543	1.647	1.5453
SDev	.0471	.0130	.0143	.0098	.00523	.009	.0188
%RSD	1.3054	.57217	.76414	.52479	.86428	.5239	1.2141
#1	3.5743	2.2831	1.8653	1.8525	.60173	1.640	1.5321
#2	3.6409	2.2647	1.8855	1.8663	.60913	1.653	1.5586

Elem	Sr4215	Ti3349
Avge	11.527	12.743
SDev	.022	.045
%RSD	.19384	.35661
#1	11.511	12.711
#2	11.543	12.775

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	118.733	.795512	03/23/09 10:04:29
Al3082	308.215	STD2	STD1	2258.53	-212.076	03/23/09 10:04:29
As1890	189.042	STD2	STD1	738.878	-3.60467	03/23/09 10:04:29
B_2496	249.678	STD2	STD1	418.110	-41.4626	03/23/09 10:04:29
Ba4934	493.409	STD2	STD1	99.3256	-.023176	03/23/09 10:04:29
Be3130	313.042	STD2	STD1	259.776	1.71452	03/23/09 10:04:29
Ca3179	317.933	STD2	STD1	3410.21	-13.5272	03/23/09 10:04:29
Cd2265	226.502	STD2	STD1	118.616	-.767050	03/23/09 10:04:29
Co2286	228.616	STD2	STD1	656.113	.021870	03/23/09 10:04:29
Cr2677	267.716	STD2	STD1	245.402	-.670767	03/23/09 10:04:29
Cu3247	324.753	STD2	STD1	246.394	-8.99340	03/23/09 10:04:29
Fe2714	271.441	STD2	STD1	5863.04	51.7902	03/23/09 10:04:29
K_7664	766.491	STD2	STD1	36998.7	-765.872	03/23/09 10:04:29
Mg2790	279.078	STD2	STD1	5054.47	-4.21206	03/23/09 10:04:29
Mn2576	257.610	STD2	STD1	218.896	-.240786	03/23/09 10:04:29
Mo2020	202.030	STD2	STD1	451.780	3.56906	03/23/09 10:04:29
Na5889	588.995	STD2	STD1	480.334	-76.6772	03/23/09 10:04:29
Ni2316	231.604	STD2	STD1	242.053	1.72665	03/23/09 10:04:29
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	500.775	-7.29462	03/23/09 10:04:29
Tl1908	190.864	STD2	STD1	1575.04	8.24269	03/23/09 10:04:29
2203/1	220.351	STD2	STD1	242.097	5.99594	03/23/09 10:04:29
2203/2	220.352	STD2	STD1	276.523	.313393	03/23/09 10:04:29
1960/1	196.021	STD2	STD1	434.004	13.1793	03/23/09 10:04:29
1960/2	196.022	STD2	STD1	536.301	-11.5126	03/23/09 10:04:29
V_2924	292.402	STD2	STD1	532.323	-.017744	03/23/09 10:04:29
Zn2062	206.200	STD2	STD1	1649.71	1.31977	03/23/09 10:04:29
Si2881	288.158	STD2	STD1	754.246	-240.127	03/23/09 10:04:29
Sn1899	189.989	STD2	STD1	646.287	-.129257	03/23/09 10:04:29
Sr4215	421.552	STD2	STD1	86.8530	-.110014	03/23/09 10:04:29
Ti3349	334.941	STD2	STD1	78.4234	1.18681	03/23/09 10:04:29

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 03/23/09 10:10:19
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	104.6103	9904.603	1024.831	987.6071	1001.811	984.2819	24079.75
SDev	.2578	53.962	1.483	1.8188	3.207	3.5269	211.08
%RSD	.2464293	.5448222	.1447454	.1841603	.3201473	.3583268	.8765742
#1	104.4280	9866.445	1025.880	986.3210	999.5431	981.7879	23930.50
#2	104.7926	9942.760	1023.783	988.8932	1004.079	986.7758	24229.01

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	998.8699	1004.562	1005.644	994.6229	9952.798	48305.46	24441.99
SDev	3.2883	9.119	7.497	2.9965	25.577	291.27	62.45
%RSD	.3292000	.9077347	.7455093	.3012729	.2569868	.6029753	.2554881
#1	996.5447	998.1143	1000.343	992.5041	9934.712	48099.50	24397.83
#2	1001.195	1011.010	1010.946	996.7418	9970.884	48511.42	24486.14

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1013.365	1011.008	48299.78	1000.098	991.8281	990.1304	992.0161
SDev	3.303	2.172	240.67	5.316	4.7908	3.1846	2.7451
%RSD	.3259050	.2148637	.4982904	.5315079	.4830311	.3216357	.2767181
#1	1011.030	1009.472	48129.60	996.3396	988.4404	987.8785	990.0750
#2	1015.701	1012.544	48469.96	1003.857	995.2157	992.3822	993.9571

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	983.9105	987.2145	994.1305	985.4341	999.5358	991.5439	1000.576
SDev	4.1902	1.0038	7.6837	.0206	9.5225	6.3708	8.870
%RSD	.4258768	.1016777	.7729110	.0020891	.9526886	.6425111	.8865020
#1	980.9476	987.9243	988.6973	985.4196	992.8024	987.0391	994.3036
#2	986.8735	986.5047	999.5637	985.4487	1006.269	996.0488	1006.848

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1081.247	993.6324	1012.049	988.9406
SDev	8.134	3.9647	3.607	3.0084
%RSD	.7523250	.3990065	.3563804	.3042041
#1	1075.495	990.8290	1009.499	986.8133
#2	1086.999	996.4359	1014.600	991.0678

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 03/23/09 10:16:05
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2063367	-15.1405	-4.62661	2.410352	.0231760	-.138419	.4546950
SDev	.0395729	.1898	2.35040	1.025256	.0000000	.024502	1.125313
%RSD	19.17881	1.253335	50.80186	42.53554	.0000000	17.70131	247.4874
#1	.2343190	-15.0063	-2.96462	3.135318	.0231760	-.155744	-.341021
#2	.1783544	-15.2747	-6.28859	1.685386	.0231760	-.121093	1.250411

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.400802	-.472456	-.073657	-.108467	9.211807	-3.69990	1.178910
SDev	.071965	.641805	.450968	.140748	4.454501	3.48828	.952749
%RSD	17.95538	135.8444	612.2543	129.7611	48.35643	94.28043	80.81616
#1	-.349914	-.926280	-.392539	-.207991	12.36162	-6.16648	.5052140
#2	-.451689	-.018631	.2452255	-.008943	6.061999	-1.23331	1.852605

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.072959	4.698512	.3362303	.6120949	1.814001	-.236131	9.627617
SDev	.051679	3.684401	.9962948	.2985341	.572484	.960081	4.224523
%RSD	70.83273	78.41634	296.3132	48.77253	31.55919	406.5886	43.87922
#1	-.036417	7.303777	-.368256	.4009994	2.218809	.4427488	12.61481
#2	-.109502	2.093247	1.040717	.8231905	1.409194	-.915010	6.640428

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.943659	1.152840	2.143487	-2.32924	3.955270	.0669286	-.276522
SDev	.893040	.768939	.474404	1.34998	.178976	.9420053	.390862
%RSD	45.94632	66.69955	22.13234	57.95784	4.525007	1407.479	141.3493
#1	2.575133	1.696562	2.478941	-1.37466	4.081826	.7330269	-.552903
#2	1.312184	.6091180	1.808033	-3.28382	3.828715	-.599170	-.000141

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.197261	9.975245	.0173610	.5881890
SDev	1.955323	.456473	.0000236	.3660383
%RSD	991.2383	4.576061	.1361163	62.23141
#1	1.185361	9.652470	.0173778	.8470171
#2	-1.57988	10.29802	.0173443	.3293608

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 03/23/09 10:21:50
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.82069	369.4133	14.53163	35.18310	10.41594	10.26738	529.1516
SDev	.02232	4.1569	2.63280	.07808	.03278	.08575	4.1797
%RSD	.2062556	1.125284	18.11774	.2219369	.3146723	.8351524	.7898901
#1	10.80490	366.4739	16.39330	35.23831	10.43912	10.20675	526.1961
#2	10.83647	372.3528	Q12.66995	35.12788	10.39277	10.32801	532.1071

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.09152	9.624102	10.13414	9.779207	212.8334	361.3536	489.6770
SDev	.15153	.311135	.21983	.266801	3.2932	.0000	.7139
%RSD	1.501542	3.232871	2.169181	2.728248	1.547319	.0000000	.1457864
#1	9.984372	9.844107	10.28958	9.967864	215.1620	361.3536	490.1818
#2	10.19867	9.404096	9.978700	9.590550	210.5047	361.3536	489.1722

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.51518	30.19396	447.1905	10.91799	9.641674	29.55016	32.26864
SDev	.14445	.80929	.8831	.30872	.467601	2.28658	.40134
%RSD	1.373712	2.680303	.1974788	2.827649	4.849788	7.737976	1.243760
#1	10.41304	30.76622	447.8150	11.13630	9.311030	31.16702	32.55244
#2	10.61732	29.62171	446.5661	10.69970	9.972318	27.93330	31.98485

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.37987	8.440162	10.24073	27.34210	33.97171	10.03315	31.15877
SDev	3.04263	1.927275	.26114	3.04853	.76041	.18413	.69993
%RSD	9.696131	22.83457	2.550038	11.14958	2.238355	1.835207	2.246348
#1	29.22840	7.077373	10.42539	29.49774	34.50940	10.16335	30.66384
#2	33.53133	9.802951	10.05607	25.18647	33.43402	9.902952	31.65370

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	35.50576	32.48494	10.66312	31.40539
SDev	.11026	.12184	.02038	.03702
%RSD	.3105379	.3750624	.1911658	.1178922
#1	35.58373	32.39878	10.64870	31.37921
#2	35.42780	32.57109	10.67753	31.43157

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 03/23/09 10:27:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.193133	424465.7	-8.28875	7.957888	1.072716	-.070527	407917.2
SDev	.044814	1432.8	3.27301	.246823	.004682	.048930	2665.4
%RSD	23.20380	.3375635	39.48743	3.101611	.4364944	69.37793	.6534156
#1	-.224821	425478.8	-5.97438	8.132418	1.069405	-.035928	406032.5
#2	-.161444	423452.5	-10.6031	7.783358	1.076027	-.105126	409802.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.05942	-3.18539	1.355140	.6414673	172192.0	27.13237	441242.4
SDev	.20959	.09254	.485686	.1277705	101.2	1.74411	2162.1
%RSD	6.850672	2.905108	35.84028	19.91847	.0587487	6.428171	.4899954
#1	-2.91121	-3.25083	1.011708	.5511200	172263.5	28.36564	439713.6
#2	-3.20762	-3.11996	1.698572	.7318147	172120.4	25.89909	442771.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.332676	-1.18969	33.54329	.4009317	-.036329	-1.26807	3.044724
SDev	.020578	.00000	.18114	.0698288	.621721	3.07693	2.071904
%RSD	.2204989	.0000000	.5400299	17.41664	1711.375	242.6461	68.04899
#1	9.318125	-1.18969	33.41520	.3515552	.4032945	.9076441	4.509781
#2	9.347227	-1.18969	33.67137	.4503081	-.475952	-3.44379	1.579667

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.23245	-.875217	.3816872	-4.17463	4.552662	2.119516	-11.4443
SDev	5.64298	2.774420	.4530146	4.60579	.014474	.651029	.5152
%RSD	25.38171	316.9978	118.6874	110.3282	.3179291	30.71591	4.501369
#1	26.22264	1.086594	.0613575	-.917842	4.562897	2.579862	-11.8086
#2	18.24227	-2.83703	.7020168	-7.43141	4.542427	1.659169	-11.0801

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.228660	3.890896	1.520262	-4.52901
SDev	.109730	1.612630	.039597	.05038
%RSD	47.98812	41.44623	2.604625	1.112355
#1	-.151070	2.750595	1.548262	-4.49338
#2	-.306251	5.031198	1.492263	-4.56463

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 03/23/09 10:33:21
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.3182	427438.0	92.57051	52.22738	480.6497	453.6868	416845.2
SDev	1.4218	1688.8	.83875	.04371	.1920	4.8123	6287.9
%RSD	.6633955	.3951067	.9060667	.0836995	.0399439	1.060702	1.508461
#1	213.3128	426243.8	91.97742	52.19647	480.5140	450.2840	412398.9
#2	215.3235	428632.2	93.16360	52.25829	480.7855	457.0896	421291.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	905.6540	447.3349	457.0346	534.6962	174027.8	32.06550	443413.6
SDev	6.9336	4.0831	5.7734	.4176	1308.1	1.74416	2171.9
%RSD	.7655866	.9127529	1.263241	.0781086	.7516571	5.439376	.4898038
#1	900.7512	444.4477	452.9521	534.9915	173102.8	30.83219	441877.8
#2	910.5568	450.2221	461.1170	534.4009	174952.8	33.29881	444949.3

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	470.6462	-1.40052	111.1492	907.1589	49.15052	45.35039	552.7117
SDev	2.8690	.29816	.7019	8.5088	.47431	4.76103	26.3960
%RSD	.6095865	21.28923	.6315284	.9379616	.9650163	10.49832	4.775736
#1	468.6175	-1.18969	110.6528	901.1423	48.81513	41.98383	534.0468
#2	472.6749	-1.61135	111.6455	913.1756	49.48591	48.71694	571.3765

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.99251	49.71106	48.86973	44.20281	47.64789	459.9252	898.1875
SDev	6.53819	1.92584	1.67252	7.37763	.48018	3.9937	12.6453
%RSD	6.604734	3.874068	3.422398	16.69040	1.007762	.8683376	1.407866
#1	94.36931	51.07283	47.68708	38.98604	47.98743	457.1012	889.2460
#2	103.6157	48.34928	50.05238	49.41958	47.30835	462.7492	907.1291

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	352.7991	-.531418	1.506482	-4.23101
SDev	5.0246	.391876	.123858	.10053
%RSD	1.424205	73.74152	8.221704	2.375974
#1	349.2462	-.808516	1.594063	-4.30209
#2	356.3520	-.254320	1.418900	-4.15992

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/23/09 10:39:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.37791	4774.143	504.1526	483.4898	500.2532	492.0886	18303.98
SDev	.38233	5.955	5.7234	4.0714	2.7625	4.4210	210.76
%RSD	.7299539	.1247307	1.135248	.8420836	.5522295	.8984182	1.151417
#1	52.10756	4778.353	500.1056	480.6109	498.2998	488.9625	18154.96
#2	52.64826	4769.932	508.1997	486.3687	502.2067	495.2148	18453.01

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498.7107	501.5077	503.6883	489.2697	5000.487	18604.16	18311.57
SDev	5.0171	3.6372	5.6684	1.5408	25.123	97.67	100.34
%RSD	1.006022	.7252604	1.125374	.3149266	.5024112	.5250002	.5479829
#1	495.1631	498.9358	499.6802	488.1801	4982.723	18673.23	18240.61
#2	502.2584	504.0796	507.6964	490.3592	5018.252	18535.10	18382.52

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.5540	498.4489	20792.05	496.2556	489.1745	483.9886	510.2207
SDev	5.2630	11.2875	82.51	3.5569	2.2537	3.7564	14.0228
%RSD	1.032871	2.264523	.3968368	.7167515	.4607123	.7761288	2.748384
#1	505.8325	490.4674	20850.40	493.7405	487.5809	481.3325	520.1363
#2	513.2755	506.4304	20733.71	498.7707	490.7681	486.6448	500.3051

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478.3342	487.3668	490.0760	480.1311	491.7142	496.2654	498.6995
SDev	3.9541	.7085	3.0252	2.7602	5.7515	4.3838	6.1446
%RSD	.8266497	.1453661	.6172848	.5748923	1.169688	.8833646	1.232126
#1	475.5382	486.8659	487.9369	478.1793	487.6472	493.1656	494.3546
#2	481.1302	487.8678	492.2151	482.0829	495.7811	499.3653	503.0444

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	521.5924	490.1155	508.9127	493.3613
SDev	7.3516	3.0809	1.6783	2.8493
%RSD	1.409444	.6286164	.3297899	.5775225
#1	516.3940	487.9370	507.7260	491.3466
#2	526.7907	492.2941	510.0995	495.3761

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/23/09 10:44:51
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3444951	-7.91643	-5.17632	.1519666	.0165543	-.060601	1.136738
SDev	.1340694	.42646	1.42893	.6298305	.0187290	.012187	.160758
%RSD	38.91767	5.387012	27.60516	414.4532	113.1371	20.11092	14.14208
#1	.2496937	-7.61488	-4.16591	.5973240	.0297977	-.069218	1.250411
#2	.4392965	-8.21799	-6.18673	-.293391	.0033109	-.051983	1.023065

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.306322	-.259838	.4254651	-.016933	10.17263	12.33289	1.515594
SDev	.062371	.158915	.3007051	.010749	5.23968	5.23239	.476606
%RSD	20.36142	61.15910	70.67682	63.47752	51.50760	42.42633	31.44681
#1	-.350425	-.147469	.6380957	-.009333	13.87765	16.03275	1.852606
#2	-.262218	-.372208	.2128344	-.024533	6.467621	8.633030	1.178583

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.116701	1.731823	11.35188	1.016197	.1486433	-.452659	8.137000
SDev	.010301	2.129712	.49815	.388022	1.430009	.280127	4.348012
%RSD	8.826412	122.9751	4.388231	38.18375	962.0404	61.88486	53.43508
#1	-.109418	3.237757	10.99964	1.290570	1.159812	-.650739	11.21151
#2	-.123985	.2258898	11.70412	.7418238	-.862526	-.254579	5.062491

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2650294	-1.32970	.8861052	-2.92198	4.492291	.4793729	.1647501
SDev	.4465978	2.14806	1.071524	1.16616	1.494465	.2035499	.0783985
%RSD	168.5087	161.5449	120.9252	39.91011	33.26733	42.46170	47.58628
#1	.5808218	.1892088	1.643787	-3.74658	5.549037	.3354414	.1093140
#2	-.050763	-2.84860	.1284233	-2.09737	3.435544	.6233044	.2201862

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.15853	5.364706	.0144516	.2692160
SDev	2.62069	3.016463	.0040909	.1662875
%RSD	121.4111	56.22793	28.30768	61.76732
#1	-.305419	7.497667	.0173443	.3867990
#2	-4.01163	3.231744	.0115589	.1516330

Method: STL3 Sample Name: 220-8385-B-2-B Operator: NP
Run Time: 03/23/09 10:50:35
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2145556	-7.60301	-5.82820	130.5051	40.01496	-.129934	72984.96
SDev	.1344550	1.69147	.63687	1.3994	.02341	.036804	741.90
%RSD	62.66676	22.24739	10.92740	1.072295	.0585049	28.32499	1.016509
#1	.1194815	-6.40696	-5.37786	129.5156	39.99841	-.155958	72460.36
#2	.3096296	-8.79906	-6.27853	131.4946	40.03152	-.103910	73509.56

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.333702	-.299793	-.299815	2.774955	4.515239	20509.59	39820.26
SDev	.097560	.061091	.034399	.151198	3.860216	61.04	142.01
%RSD	29.23584	20.37761	11.47345	5.448656	85.49305	.2976392	.3566337
#1	-.402687	-.256595	-.324139	2.881868	7.244824	20466.43	39719.84
#2	-.264716	-.342991	-.275491	2.668042	1.785655	20552.76	39920.68

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.82221	3.087163	H108052.6	1.065117	.6793109	3.140198	2.440891
SDev	.46429	.383348	48.8	.977750	1.310811	2.012293	.735693
%RSD	1.013236	12.41748	.0451389	91.79745	192.9618	64.08172	30.14033
#1	45.49391	2.816095	H108018.2	.3737430	1.606194	1.717292	2.961104
#2	46.15051	3.358231	H108087.1	1.756490	-.247572	4.563103	1.920678

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4507192	1.472524	.2825496	2.910204	3.599874	-.286939	25.12520
SDev	.3689313	.412120	1.759412	3.498424	.964433	.673451	.07808
%RSD	81.85394	27.98731	622.6913	120.2123	26.79074	234.7021	.3107486
#1	.1898453	1.763936	1.526642	.4364454	4.281831	.1892632	25.06999
#2	.7115930	1.181111	-.961542	5.383964	2.917917	-.763140	25.18040

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6108.394	5.041007	696.9764	-.324449
SDev	37.989	3.351376	4.0664	.005951
%RSD	.6219210	66.48228	.5834379	1.834229
#1	6081.531	7.410788	694.1011	-.320241
#2	6135.256	2.671226	699.8519	-.328657

Method: STL3 Sample Name: 220-8385-B-3-B Operator: NP
Run Time: 03/23/09 10:56:20
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4462841	-3.92152	-6.26409	169.3460	60.00589	-.164508	14809.65
SDev	.1455076	2.24609	.52586	2.2468	.08896	.061191	248.70
%RSD	32.60425	57.27609	8.394817	1.326734	.1482524	37.19675	1.679277
#1	.5491735	-2.33329	-6.63593	167.7573	59.94299	-.207776	14633.80
#2	.3433947	-5.50975	-5.89225	170.9347	60.06880	-.121239	14985.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.223241	-.820759	.0759024	9.272558	16.07615	7979.379	8337.368
SDev	.247072	.433754	.4281239	.139540	2.52207	8.721	47.177
%RSD	110.6749	52.84790	564.0450	1.504868	15.68828	.1092911	.5658534
#1	-.048535	-1.12747	-.226827	9.371227	17.85952	7973.213	8304.009
#2	-.397948	-.514049	.3786317	9.173888	14.29277	7985.546	8370.728

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.925938	.6475511	H111334.0	1.570214	1.414368	-2.23315	2.031313
SDev	.000045	.5111307	150.9	.223240	1.117426	1.78363	.071302
%RSD	.0015442	78.93288	.1355539	14.21718	79.00530	79.87071	3.510145
#1	2.925906	.2861271	H111227.3	1.728068	.6242288	-3.49437	1.980895
#2	2.925970	1.008975	H111440.7	1.412359	2.204507	-.971930	2.081731

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.312912	2.899347	.6721923	-4.67533	2.657547	.3082014	5.223498
SDev	1.335900	.821632	1.265101	2.86414	.380638	.5072804	.543700
%RSD	40.32405	28.33851	188.2052	61.26078	14.32290	164.5938	10.40873
#1	4.257536	2.318365	-.222369	-6.70058	2.926699	-.050500	5.607952
#2	2.368288	3.480328	1.566754	-2.65007	2.388396	.6669028	4.839045

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	18453.94	-4.63116	138.8796	.2096767
SDev	209.29	.51791	.9201	.0537283
%RSD	1.134097	11.18325	.6625117	25.62437
#1	18305.95	-4.26494	138.2290	.1716850
#2	18601.93	-4.99738	139.5302	.2476683

Method: STL3 Sample Name: 220-8385-B-4-B Operator: NP
Run Time: 03/23/09 11:02:04
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3749770	-1.73488	-6.59376	166.3356	60.28069	-.103871	14724.97
SDev	.0896761	.20677	.65455	1.4184	.39331	.049023	159.47
%RSD	23.91508	11.91827	9.926744	.8527340	.6524604	47.19584	1.083013
#1	.4383876	-1.88108	-6.13092	165.3326	60.00258	-.069206	14612.20
#2	.3115665	-1.58867	-7.05659	167.3385	60.55880	-.138535	14837.73

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.469583	-.732693	.4688899	5.034427	17.82942	7928.815	8308.550
SDev	.013354	.001853	.0346019	.046817	7.18370	13.953	70.766
%RSD	2.843747	.2528835	7.379530	.9299315	40.29129	.1759818	.8517241
#1	-.460141	-.731383	.4933571	5.001322	12.74977	7938.681	8258.511
#2	-.479026	-.734003	.4444227	5.067531	22.90906	7918.948	8358.589

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.721990	.9939158	H110422.6	.8633549	.4984656	-2.83903	.8622872
SDev	.030993	.7879932	33.9	.0704775	.1533741	.15239	.5450597
%RSD	1.799813	79.28168	.0306574	8.163208	30.76925	5.367600	63.21092
#1	1.700075	1.551111	H110398.7	.8135198	.3900137	-2.94679	1.247703
#2	1.743905	.4367205	H110446.6	.9131900	.6069174	-2.73128	.4768718

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.464658	2.307411	-.405451	-4.60282	.6927412	.0988891	3.133948
SDev	3.189737	1.103120	.780679	.92091	1.386825	.3931165	.388450
%RSD	58.37029	47.80770	192.5460	20.00754	200.1939	397.5328	12.39491
#1	7.720142	3.087435	-.957475	-5.25401	1.673375	-.179086	2.859272
#2	3.209174	1.527387	.1465728	-3.95164	-.287893	.3768645	3.408624

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	18349.97	-5.72980	138.5310	.2159466
SDev	104.18	1.64503	.4347	.0024326
%RSD	.5677593	28.71011	.3138173	1.126482
#1	18276.29	-4.56659	138.2236	.2142265
#2	18423.63	-6.89302	138.8384	.2176667

Method: STL3 Sample Name: 220-8385-B-5-B Operator: NP
Run Time: 03/23/09 11:07:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1813798	-8.27774	-5.83834	263.4026	143.6976	-.095269	H139396.5
SDev	.1007083	7.46253	1.05934	.7688	.2856	.061273	808.6
%RSD	55.52346	90.15180	18.14449	.2918651	.1987661	64.31550	.5800790
#1	.1101682	-3.00093	-6.58741	262.8590	143.4957	-.051943	H138824.7
#2	.2525913	L-13.5545	-5.08928	263.9462	143.8996	-.138595	H139968.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.139760	-.120435	4.276806	6.661353	29.46220	30132.95	31536.72
SDev	.273222	.278761	.208125	.232358	1.12016	17.44	154.87
%RSD	195.4934	231.4610	4.866362	3.488149	3.802041	.0578818	.4910922
#1	.0534369	.0766783	4.423972	6.497051	28.67012	30120.62	31427.20
#2	-.332957	-.317549	4.129639	6.825655	30.25428	30145.28	31646.23

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.057248	42.04566	H168907.5	4.789335	.7444215	5.987857	2.011894
SDev	.000048	.06389	277.2	.249184	.4890980	3.736217	1.274480
%RSD	.0015551	.1519552	.1641248	5.202900	65.70176	62.39656	63.34730
#1	3.057215	42.09084	H169103.5	4.613135	1.090266	3.345953	2.913088
#2	3.057282	42.00048	H168711.5	4.965535	.3985770	8.629762	1.110700

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4270423	-.806001	1.517671	6.139415	5.683083	.4417235	5.488255
SDev	.8174490	1.535279	1.499769	4.869337	1.466577	.5262786	.000034
%RSD	191.4211	190.4810	98.82044	79.31271	25.80601	119.1421	.0006205
#1	-.150981	-1.89161	2.578168	2.696274	4.646056	.0695884	5.488231
#2	1.005066	.2796052	.4571741	9.582556	6.720109	.8138587	5.488279

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9111.621	-8.89672	658.3016	.1156486
SDev	18.804	.51800	.4006	.0425234
%RSD	.2063730	5.822339	.0608595	36.76949
#1	9098.325	-9.26299	658.0184	.0855800
#2	9124.918	-8.53044	658.5850	.1457171

Method: STL3 Sample Name: 220-8385-B-6-B Operator: NP
Run Time: 03/23/09 11:13:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3856496	-6.17407	-6.30546	122.7950	24.41091	-.199167	23515.02
SDev	.1229459	6.70770	.18413	.8279	.14047	.085709	312.03
%RSD	31.88021	108.6430	2.920220	.6742363	.5754271	43.03370	1.326952
#1	.4725854	L-10.9171	-6.43566	122.2096	24.31159	-.138562	23294.38
#2	.2987137	-1.43101	-6.17525	123.3805	24.51024	-.259772	23735.66

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.220893	.0824286	.1548127	2.356623	23.05428	7403.434	8827.547
SDev	.108985	.1519405	.0800223	.069248	4.70785	62.789	66.972
%RSD	49.33842	184.3298	51.68975	2.938433	20.42073	.8481048	.7586720
#1	-.143829	-.025010	.0982284	2.405588	26.38323	7359.035	8780.190
#2	-.297957	.1898667	.2113970	2.307657	19.72533	7447.832	8874.903

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	486.7300	1.761942	H119949.7	1.724615	.1522038	-1.56192	-.733205
SDev	2.8480	1.150044	396.0	.429930	1.305006	2.69499	1.415334
%RSD	.5851292	65.27140	.3301447	24.92903	857.4072	172.5430	193.0337
#1	484.7162	2.575146	H119669.6	1.420609	1.074983	-3.46757	.2675868
#2	488.7438	.9487379	H120229.7	2.028622	-.770575	.3437216	-1.73400

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.29723	1.394420	-.468773	-2.77267	.8620069	-.088231	14.08666
SDev	2.44912	.939925	1.487274	2.84325	2.398009	.063262	.07743
%RSD	106.6119	67.40615	317.2697	102.5457	278.1891	71.69987	.5496510
#1	-.565440	2.059047	.5828886	-4.78315	-.833642	-.132964	14.14141
#2	-4.02902	.7297926	-1.52043	-.762185	2.557655	-.043498	14.03191

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	16879.52	L-12.0635	89.68562	-.154116
SDev	166.61	.6092	.43154	.049220
%RSD	.9870500	5.049717	.4811643	31.93706
#1	16761.71	L-12.4943	89.38048	-.119312
#2	16997.33	L-11.6328	89.99076	-.188920

Method: STL3 Sample Name: 220-8385-B-7-B Operator: NP
Run Time: 03/23/09 11:19:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2503536	-.905701	-6.34999	468.3547	78.58308	-.242621	H119263.5
SDev	.0665779	.532559	1.55983	5.0258	.50568	.024486	1922.0
%RSD	26.59354	58.80074	24.56431	1.073083	.6434988	10.09242	1.611594
#1	.2974313	-.529125	-5.24702	464.8009	78.22552	-.259936	H117904.4
#2	.2032759	-1.28228	-7.45295	471.9085	78.94066	-.225307	H120622.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.092710	1.288893	-.167575	5.141505	4.800796	17999.85	63411.23
SDev	.165435	.153966	.137172	.081431	3.326086	136.04	570.21
%RSD	178.4443	11.94559	81.85696	1.583792	69.28195	.7558033	.8992296
#1	.0242707	1.397763	-.264570	5.199085	2.448899	17903.65	63008.03
#2	-.209690	1.180022	-.070580	5.083925	7.152694	18096.05	63814.43

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.4894	.1807118	99538.54	23.10109	.6234274	-.342640	.1898613
SDev	4.8602	.4046452	548.42	.16611	1.456534	4.285122	1.134045
%RSD	.9614786	223.9174	.5509590	.7190622	233.6332	1250.619	597.3019
#1	502.0527	-.105416	99150.75	23.21854	1.653352	-3.37268	-.612030
#2	508.9261	.4668392	99926.33	22.98363	-.406497	2.687399	.9917523

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.703363	.4242941	.7221452	-1.51749	2.009483	.1084077	6.171804
SDev	.664502	.6132287	1.877413	5.44103	1.969698	.0208795	.232668
%RSD	39.01120	144.5292	259.9772	358.5552	98.02010	19.26013	3.769862
#1	2.173237	.8579123	2.049676	-5.36487	.6166968	.1231718	6.007282
#2	1.233489	-.009324	-.605386	2.329901	3.402270	.0936437	6.336325

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	16531.30	L-21.1984	797.6082	-.663419
SDev	185.67	.7312	5.2495	.033134
%RSD	1.123130	3.449389	.6581585	4.994481
#1	16400.01	L-21.7155	793.8962	-.639989
#2	16662.58	L-20.6814	801.3201	-.686849

Method: STL3 Sample Name: 220-8385-B-8-B Operator: NP
Run Time: 03/23/09 11:25:01
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3007383	5.329501	-.188404	219.2870	84.25458	-.208256	H135238.5
SDev	.0436831	2.656112	2.472527	3.1915	.67892	.048972	1223.1
%RSD	14.52529	49.83791	1312.355	1.455402	.8058011	23.51527	.9043662
#1	.3316269	3.451346	-1.93674	217.0302	83.77451	-.242885	H134373.7
#2	.2698497	7.207656	1.559937	221.5437	84.73465	-.173628	H136103.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.073308	.6138997	1.126279	4.652387	14.17894	20184.01	45475.62
SDev	.325303	.5258203	.141925	.185828	9.36061	81.97	281.46
%RSD	443.7473	85.65247	12.60120	3.994261	66.01768	.4061299	.6189225
#1	-.303332	.2420886	1.226635	4.520987	7.559992	20241.97	45276.61
#2	.1567157	.9857107	1.025923	4.783788	20.79789	20126.04	45674.65

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1034.146	12.67996	H160301.8	20.92158	1.054080	2.352151	-.037089
SDev	9.555	.02130	14.0	.55525	.406214	2.440226	.045555
%RSD	.9239766	.1679551	.0087326	2.653952	38.53727	103.7444	122.8269
#1	1027.389	12.69502	H160311.7	20.52896	.7668439	4.077651	-.004877
#2	1040.902	12.66490	H160291.9	21.31420	1.341317	.6266508	-.069301

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.933085	.9344239	1.113219	3.250807	.5510399	3.841701	4.854247
SDev	3.256070	.9621487	.128663	3.848210	.3798294	.300760	.001445
%RSD	348.9575	102.9671	11.55775	118.3771	68.92956	7.828836	.0297635
#1	1.369304	.2540820	1.022241	5.971902	.2824600	3.629031	4.855269
#2	-3.23547	1.614766	1.204198	.5297113	.8196198	4.054370	4.853225

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11065.53	L-17.2558	1008.713	-.222465
SDev	61.15	1.6150	1.637	.079435
%RSD	.5525878	9.359121	.1622429	35.70662
#1	11022.30	L-18.3978	1007.556	-.278634
#2	11108.77	L-16.1138	1009.871	-.166296

Method: STL3 Sample Name: 220-8385-B-9-B Operator: NP
Run Time: 03/23/09 11:30:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2319897	24.32083	-3.93129	179.6378	121.1342	-.215397	H209506.9
SDev	.0055742	6.70092	1.41929	.0010	.2154	.012232	3201.3
%RSD	2.402790	27.55221	36.10231	.0005526	.1778044	5.678748	1.528040
#1	.2359313	19.58256	-4.93487	179.6385	120.9819	-.224047	H207243.2
#2	.2280482	29.05909	-2.92770	179.6371	121.2865	-.206748	H211770.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.252847	-.610801	15.19521	3.153006	186.0108	17766.76	21915.71
SDev	.419998	.402628	.50913	.081203	8.5369	29.65	103.65
%RSD	166.1081	65.91798	3.350591	2.575421	4.589441	.1668933	.4729446
#1	-.549830	-.895502	14.83520	3.095586	179.9743	17745.79	21842.42
#2	.0441372	-.326100	15.55521	3.210425	192.0472	17787.73	21989.00

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.68954	3.343172	95642.03	3.929653	.5087028	-.162207	1.180058
SDev	.05162	.276862	180.26	.710304	.8962220	1.703065	2.878337
%RSD	.1682054	8.281431	.1884763	18.07548	176.1779	1049.935	243.9148
#1	30.65304	3.147401	95514.56	4.431914	-.125022	1.042042	3.215350
#2	30.72605	3.538943	95769.49	3.427393	1.142427	-1.36646	-.855233

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7458835	3.137633	-.804591	-.960873	1.436223	3.544874	2.421582
SDev	5.200999	.157608	1.264975	3.375675	1.647039	.329001	.310703
%RSD	697.2938	5.023148	157.2196	351.3134	114.6785	9.281032	12.83060
#1	-2.93178	3.026187	-1.69906	1.426090	.2715910	3.312235	2.201881
#2	4.423545	3.249079	.0898814	-3.34784	2.600855	3.777512	2.641282

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	35992.21	L-17.0078	1503.353	6.249086
SDev	294.15	.4877	2.999	.081592
%RSD	.8172703	2.867668	.1995096	1.305667
#1	35784.21	L-17.3527	1501.233	6.191391
#2	36200.21	L-16.6629	1505.474	6.306780

Method: STL3 Sample Name: 220-8385-B-10-B Operator: NP
Run Time: 03/23/09 11:36:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.013055	-3.30379	-5.96202	454.1331	207.0144	-.216558	H157860.1
SDev	.043663	4.16749	1.12138	3.1521	1.3813	.036648	1920.1
%RSD	334.4528	126.1428	18.80872	.6940997	.6672353	16.92314	1.216333
#1	.0178192	-6.25065	-5.16909	451.9042	206.0377	-.190643	H156502.4
#2	-.043929	-.356926	-6.75496	456.3620	207.9911	-.242472	H159217.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.319131	3.006580	-1.67142	1.741024	564.8138	22098.07	81153.87
SDev	.143303	.309981	.35109	.220912	11.0407	75.00	481.90
%RSD	44.90399	10.31010	21.00584	12.68862	1.954748	.3393911	.5938156
#1	-.420461	2.787390	-1.91968	1.897233	557.0069	22045.04	80813.11
#2	-.217801	3.225770	-1.42315	1.584816	572.6208	22151.10	81494.62

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5573.947	.6174325	H192271.1	9.162399	1.523765	-.156327	-.886199
SDev	55.825	.4259422	2.0	.003517	1.863480	.103975	1.460382
%RSD	1.001538	68.98604	.0010286	.0383822	122.2944	66.51147	164.7915
#1	5534.473	.3162458	H192269.7	9.159913	2.841445	-.082805	.1464463
#2	5613.422	.9186191	H192272.5	9.164886	.2060863	-.229849	-1.91885

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.590221	3.047852	.7620652	1.085104	-2.64412	-.515845	9.412332
SDev	6.049427	.542733	2.522863	1.153707	2.62312	.848872	.549985
%RSD	168.4973	17.80706	331.0561	106.3223	99.20576	164.5597	5.843235
#1	7.867812	3.431622	2.545999	.2693098	-.789294	.0843987	9.801230
#2	-.687370	2.664082	-1.02187	1.900898	-4.49894	-1.11609	9.023435

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	17078.69	L-12.4627	596.2107	-.560524
SDev	123.94	2.2852	3.3047	.020407
%RSD	.7256985	18.33643	.5542878	3.640733
#1	16991.05	L-14.0786	593.8739	-.574954
#2	17166.33	L-10.8468	598.5475	-.546094

Method: STL3 Sample Name: 220-8385-B-11-B Operator: NP
Run Time: 03/23/09 11:42:14
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.768536	1.046236	-4.13316	360.2579	77.91429	-.199227	H164227.3
SDev	.097727	6.919715	.43334	1.6548	.42140	.012256	798.8
%RSD	12.71598	661.3917	10.48450	.4593316	.5408555	6.151836	.4864050
#1	-.837640	-3.84674	-3.82674	359.0878	77.61632	-.190560	H163662.5
#2	-.699433	5.939213	-4.43958	361.4280	78.21227	-.207893	H164792.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1469237	44.47842	-4.92922	7.892627	17.02918	21816.88	41954.84
SDev	.0860787	.67995	.15067	.209136	1.33753	172.67	279.69
%RSD	58.58733	1.528724	3.056614	2.649760	7.854354	.7914422	.6666547
#1	.2077905	43.99762	-4.82268	7.744746	16.08340	21694.79	41757.06
#2	.0860569	44.95921	-5.03576	8.040508	17.97496	21938.98	42152.61

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18143.32	.8583818	63539.77	49.86998	1.620288	-3.40927	1.626376
SDev	68.94	.1277828	527.38	.52125	1.914127	2.35360	1.319382
%RSD	.3799755	14.88647	.8300001	1.045225	118.1350	69.03552	81.12408
#1	18094.57	.9487379	63166.85	49.50140	.2667959	-5.07352	.6934315
#2	18192.06	.7680258	63912.68	50.23856	2.973780	-1.74502	2.559320

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.146964	2.547760	1.156448	-3.40489	-3.41903	.3459501	12.57766
SDev	3.144976	.778897	2.480891	3.87169	.68714	.0488293	.39545
%RSD	99.93683	30.57185	214.5268	113.7098	20.09751	14.11456	3.144105
#1	5.370798	1.996997	-.597807	-6.14259	-2.93315	.3114225	12.85729
#2	.9231300	3.098524	2.910703	-.667189	-3.90491	.3804776	12.29803

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	14312.35	L-13.5288	855.8687	-.132027
SDev	81.82	1.8280	3.7663	.022711
%RSD	.5716835	13.51168	.4400560	17.20163
#1	14254.50	L-12.2363	853.2055	-.115968
#2	14370.21	L-14.8214	858.5319	-.148086

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 03/23/09 11:47:59
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.03660	4850.130	517.4288	488.7497	501.7167	500.9307	18806.20
SDev	.15762	29.802	2.9370	3.7712	5.8528	6.4905	258.02
%RSD	.2971855	.6144662	.5676170	.7716104	1.166562	1.295697	1.371991
#1	52.92515	4829.056	515.3520	486.0830	497.5781	496.3412	18623.75
#2	53.14805	4871.203	519.5055	491.4164	505.8553	505.5202	18988.65

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.1208	513.8164	514.9192	492.3141	5046.065	18886.59	18522.06
SDev	5.7884	4.2721	5.9816	3.6455	49.949	5.23	190.64
%RSD	1.141416	.8314483	1.161650	.7404829	.9898691	.0277068	1.029273
#1	503.0278	510.7956	510.6896	489.7363	5010.745	18882.89	18387.26
#2	511.2138	516.8373	519.1488	494.8918	5081.384	18890.29	18656.87

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	519.4782	507.2586	20889.42	507.3602	501.4299	492.1630	489.4099
SDev	4.4170	5.7289	7.27	7.1766	6.6375	4.7344	7.4661
%RSD	.8502681	1.129390	.0347954	1.414500	1.323723	.9619639	1.525535
#1	516.3549	503.2076	20884.28	502.2856	496.7365	488.8152	484.1306
#2	522.6014	511.3096	20894.56	512.4349	506.1234	495.5107	494.6893

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	495.8666	501.1846	501.5516	489.4463	497.6035	506.2750	512.3421
SDev	4.4849	1.7960	9.0545	2.6798	8.8499	5.7051	7.2341
%RSD	.9044548	.3583495	1.805301	.5475101	1.778505	1.126883	1.411958
#1	492.6952	499.9147	495.1491	487.5514	491.3457	502.2409	507.2268
#2	499.0378	502.4546	507.9541	491.3412	503.8613	510.3091	517.4573

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	554.5077	494.0473	514.6084	501.8473
SDev	7.9600	6.4942	2.0581	3.3549
%RSD	1.435515	1.314496	.3999338	.6685134
#1	560.1363	489.4552	513.1531	499.4750
#2	548.8791	498.6394	516.0637	504.2195

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 03/23/09 11:53:43
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1980998	-5.36331	-5.03134	.8367478	-.006622	-.164552	.7957163
SDev	.1288986	1.47065	1.56985	.9664168	.004682	.012284	.0000000
%RSD	65.06749	27.42054	31.20151	115.4968	70.71067	7.464914	.0000000
#1	.2892449	-4.32340	-3.92128	1.520108	-.009933	-.173238	.7957163
#2	.1069548	-6.40321	-6.14139	.1533879	-.003311	-.155866	.7957163

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.213519	-.717443	-.048890	-.493470	.0385624	7.399720	.6731826
SDev	.077887	.367718	.069228	.057458	1.366933	1.744164	.7144794
%RSD	36.47758	51.25405	141.6014	11.64358	3544.734	23.57067	106.1346
#1	-.268593	-.977459	-.097841	-.452841	-.928005	8.633030	.1679694
#2	-.158445	-.457426	.0000622	-.534099	1.005130	6.166410	1.178396

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.116674	2.258900	21.39085	.0872925	.0093222	.4996909	6.229578
SDev	.051678	1.767661	.74723	.4690370	.6057540	.6280166	3.450634
%RSD	44.29252	78.25316	3.493206	537.3166	6497.986	125.6810	55.39114
#1	-.080132	3.508825	20.86248	-.244367	-.419011	.0556160	8.669544
#2	-.153216	1.008975	21.91922	.4189517	.4376550	.9437657	3.789611

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.049732	-1.08684	.5559336	-.607750	2.716896	.7867140	-.495555
SDev	.817264	3.08395	2.447768	1.698401	1.515967	.9219506	.234064
%RSD	77.85453	283.7527	440.2987	279.4574	55.79774	117.1900	47.23268
#1	1.627625	1.093837	-1.17490	-1.80870	3.788847	1.438632	-.661063
#2	.4718393	-3.26752	2.286767	.5932015	1.644946	.1347965	-.330047

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-2.32433	2.520783	.0173539	.2222321
SDev	3.07854	3.077349	.0163772	.2402823
%RSD	132.4484	122.0791	94.37171	108.1222
#1	-.147476	4.696797	.0289343	.3921373
#2	-4.50119	.3447684	.0057735	.0523269

Method: STL3 Sample Name: 220-8385-B-13-B Operator: NP
Run Time: 03/23/09 11:59:28
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4935964	37.78596	-.034737	34.91143	.8939302	-.205677	3276.193
SDev	.2072199	3.28010	.955993	.43447	.0140467	.024436	37.939
%RSD	41.98166	8.680739	2752.060	1.244492	1.571347	11.88090	1.158025
#1	.3470698	35.46658	-.710727	34.60421	.9038627	-.222956	3249.366
#2	.6401230	40.10535	.6412521	35.21865	.8839976	-.188398	3303.020

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.139894	-.739042	1.588507	4.163996	297.9420	1166.691	730.8904
SDev	.202117	.156988	.243101	.185447	11.6288	5.232	4.2905
%RSD	144.4791	21.24205	15.30372	4.453577	3.903030	.4484775	.5870241
#1	-.282812	-.850049	1.416609	4.032865	306.1648	1162.992	727.8566
#2	.0030247	-.628035	1.760406	4.295127	289.7192	1170.391	733.9243

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.50171	4.382266	H152899.0	.4182878	3.291060	.8177915	2.749765
SDev	.25806	1.235233	43.9	.1416953	1.230214	.5026427	1.628739
%RSD	.9054148	28.18708	.0287163	33.87509	37.38047	61.46343	59.23192
#1	28.31924	3.508825	H152868.0	.3180940	2.421168	1.173213	3.901457
#2	28.68419	5.255707	H152930.1	.5184815	4.160953	.4623694	1.598073

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.137378	6.420559	1.727858	.4492032	1.554974	16.11541	3.060962
SDev	3.416742	1.506877	2.596708	1.596247	1.687709	.99178	.622449
%RSD	2487.117	23.46956	150.2848	355.3508	108.5362	6.154259	20.33507
#1	2.278624	7.486081	-.108292	1.577920	.3615832	15.41411	2.620825
#2	-2.55338	5.355036	3.564008	-.679514	2.748364	16.81671	3.501100

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	31260.03	-1.50432	9.441599	16.33036
SDev	335.51	.94446	.052429	.18865
%RSD	1.073287	62.78357	.5552942	1.155198
#1	31022.79	-.836481	9.404527	16.19697
#2	31497.27	-2.17216	9.478672	16.46376

Method: STL3 Sample Name: 220-8385-B-14-B Operator: NP
Run Time: 03/23/09 12:05:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3250990	1.505267	-6.89976	94.26672	41.41214	-.277105	39847.22
SDev	.0727556	3.930182	.97019	.33593	.18261	.000004	540.31
%RSD	22.37954	261.0953	14.06119	.3563654	.4409539	.0014221	1.355953
#1	.2736530	4.284325	-7.58579	94.50426	41.28302	-.277102	39465.16
#2	.3765450	-1.27379	-6.21373	94.02917	41.54127	-.277108	40229.28

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.306929	.0102650	2.886040	2.965070	11.52025	8013.911	28118.09
SDev	.009384	.3103034	.034851	.069602	8.86909	57.556	158.93
%RSD	3.057352	3022.913	1.207580	2.347392	76.98695	.7182055	.5652055
#1	-.300294	.2296826	2.910683	3.014286	5.248858	7973.213	28005.72
#2	-.313565	-.209153	2.861396	2.915854	17.79165	8054.610	28230.47

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.00318	.0602371	46789.62	1.364940	.3420005	-2.16722	1.127219
SDev	.13410	.4046450	426.05	.642058	1.145076	1.25022	.023448
%RSD	1.218780	671.7535	.9105735	47.03930	334.8169	57.68767	2.080162
#1	10.90835	.3463644	46488.36	.9109364	1.151691	-1.28318	1.143799
#2	11.09800	-.225890	47090.89	1.818944	-.467690	-3.05125	1.110639

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.373231	1.768635	-.370997	-3.51892	.5392538	.0182476	10.66963
SDev	4.827276	2.913733	.262143	1.63641	.4766744	.4560685	.15563
%RSD	351.5269	164.7447	70.65907	46.50311	88.39517	2499.334	1.458662
#1	-2.04017	3.828955	-.185634	-2.36181	.8763135	.3407367	10.77968
#2	4.786631	-.291685	-.556360	-4.67604	.2021942	-.304242	10.55958

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11450.37	L-11.2235	353.0745	-.182837
SDev	74.31	.3353	2.1382	.007567
%RSD	.6489666	2.987466	.6055809	4.138776
#1	11397.82	L-11.4606	351.5627	-.177486
#2	11502.91	L-10.9864	354.5865	-.188188

Method: STL3 Sample Name: 220-8385-B-15-B Operator: NP
Run Time: 03/23/09 12:10:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1781305	-1.49208	-5.91698	160.2387	102.3517	-.294361	H193965.3
SDev	.1567975	.96366	1.11590	1.2788	1.1378	.049099	3210.2
%RSD	88.02396	64.58485	18.85928	.7980754	1.111642	16.67973	1.655038
#1	.0672579	-2.17349	-6.70604	159.3344	101.5472	-.329079	H191695.3
#2	.2890030	-.810672	-5.12792	161.1430	103.1562	-.259643	H196235.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.263464	-.195700	15.87135	5.584610	23.02743	9779.981	31581.24
SDev	.313943	.588292	.60150	.266946	16.26852	43.603	351.21
%RSD	119.1598	300.6097	3.789861	4.780024	70.64842	.4458401	1.112092
#1	-.485455	-.611685	15.44603	5.395851	11.52385	9749.149	31332.89
#2	-.041473	.2202856	16.29668	5.773369	34.53101	9810.814	31829.58

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.704318	.9788564	43223.16	2.786539	1.218872	1.921966	-1.30392
SDev	.216666	.3833481	221.88	.267066	1.084958	3.181564	.32895
%RSD	2.232674	39.16285	.5133349	9.584131	89.01336	165.5369	25.22758
#1	9.551112	.7077884	43066.27	2.597695	.4516900	-.327739	-1.07132
#2	9.857524	1.249925	43380.06	2.975383	1.986053	4.171671	-1.53652

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.253979	2.185149	.7356572	.0389191	5.692514	-.806272	10.95718
SDev	.153441	.752515	1.250931	4.501354	.537736	.322423	.38850
%RSD	6.807569	34.43767	170.0427	11565.93	9.446367	39.98934	3.545646
#1	2.145479	1.653041	-.148885	-3.14402	5.312277	-.578285	10.68247
#2	2.362478	2.717258	1.620199	3.221857	6.072751	-1.03426	11.23189

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8694.820	L-16.9111	970.9034	.1008179
SDev	85.443	.4574	5.8120	.0400415
%RSD	.9826911	2.704448	.5986186	39.71669
#1	8634.402	L-17.2345	966.7937	.0725043
#2	8755.237	L-16.5878	975.0131	.1291315

Method: STL3 Sample Name: 220-8385-B-16-B Operator: NP
Run Time: 03/23/09 12:18:27
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2045320	7.445550	-3.68666	174.6005	63.29025	-.363663	H142789.6
SDev	.0951436	3.821538	1.25022	2.4838	.53846	.122390	2172.3
%RSD	46.51769	51.32647	33.91196	1.422554	.8507745	33.65473	1.521352
#1	.2718087	10.14779	-2.80262	172.8442	62.90951	-.277120	H141253.5
#2	.1372554	4.743315	-4.57069	176.3568	63.67100	-.450206	H144325.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.363186	-.368079	124.9130	5.166035	29.11779	13768.44	7049.307
SDev	.251792	.524788	1.7120	.116185	12.74882	85.46	78.391
%RSD	69.32868	142.5750	1.370537	2.249018	43.78360	.6207135	1.112035
#1	-.185142	-.739160	123.7025	5.248190	38.13256	13708.01	6993.877
#2	-.541229	.0030027	126.1236	5.083880	20.10301	13828.87	7104.738

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7953559	.4066017	13811.30	.6572658	1.846286	-2.01794	1.429252
SDev	.0206920	.0000000	91.02	.1870285	.564200	1.66604	1.483534
%RSD	2.601602	.0000000	.6590603	28.45553	30.55865	82.56168	103.7980
#1	.8099874	.4066017	13746.94	.7895149	1.447336	-3.19601	2.478269
#2	.7807245	.4066017	13875.67	.5250167	2.245235	-.839866	.3802347

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.403040	2.294548	1.621841	-4.03009	2.011206	.3764534	4.082458
SDev	1.256583	1.648484	1.668954	2.41395	.167698	.6020848	.313498
%RSD	19.62479	71.84350	102.9049	59.89819	8.338195	159.9360	7.679158
#1	5.514502	3.460203	.4417121	-5.73701	1.892625	.8021916	3.860781
#2	7.291578	1.128894	2.801969	-2.32317	2.129786	-.049285	4.304134

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4984.700	L-14.8644	987.4089	.2662906
SDev	64.408	.4877	7.9219	.0421877
%RSD	1.292110	3.280839	.8022953	15.84271
#1	4939.157	L-14.5195	981.8073	.2364594
#2	5030.244	L-15.2092	993.0106	.2961218

Method: STL3 Sample Name: 220-8385-B-17-B Operator: NP
Run Time: 03/23/09 12:24:12
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.095826	-6.76862	-4.76051	239.8084	83.33085	-.337473	H519671.9
SDev	.520525	2.86044	.27326	6.1834	1.51705	.110210	23170.7
%RSD	543.1976	42.26040	5.740083	2.578483	1.820513	32.65728	4.458716
#1	-.463893	-8.79126	-4.95373	235.4361	82.25813	-.259543	H503287.8
#2	.2722409	-4.74598	-4.56729	244.1807	84.40356	-.415403	H536056.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.294456	-1.50900	271.2282	6.751359	9.171570	27488.78	21359.24
SDev	.301059	.61352	13.3385	.360006	7.647972	334.87	556.84
%RSD	102.2423	40.65728	4.917816	5.332347	83.38782	1.218222	2.607027
#1	-.507337	-1.94282	261.7965	6.496797	3.763637	27251.98	20965.49
#2	-.081575	-1.07518	280.6600	7.005922	14.57950	27725.57	21752.99

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.113340	-.195772	18913.61	-.411770	.8467672	3.838591	.1428624
SDev	.309632	.340754	211.15	.306485	2.196312	1.850134	2.115115
%RSD	3.397565	174.0569	1.116378	74.43096	259.3762	48.19827	1480.526
#1	8.894398	-.436721	18764.31	-.195053	-.706260	5.146833	-1.35275
#2	9.332283	.0451779	19062.92	-.628487	2.399795	2.530348	1.638475

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.221853	6.089041	-1.77109	5.799033	-.089281	-.357212	3.679512
SDev	1.269710	2.857406	4.71931	4.316013	3.088886	.731146	1.101411
%RSD	103.9168	46.92703	266.4638	74.42643	3459.736	204.6815	29.93361
#1	2.119674	8.109531	-5.10815	8.850915	-2.27345	-.874210	2.900697
#2	.3240318	4.068550	1.565968	2.747151	2.094891	.1597868	4.458328

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12505.33	L-67.1721	4188.025	.8695760
SDev	378.08	5.9718	71.560	.3356246
%RSD	3.023321	8.890322	1.708690	38.59634
#1	12237.99	L-71.3948	4137.425	.6322537
#2	12772.67	L-62.9494	4238.627	1.106898

Method: STL3 Sample Name: 220-8385-B-18-B Operator: NP
Run Time: 03/23/09 12:29:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.060547	.4510518	-4.25608	361.8931	64.03520	-.285855	H119621.0
SDev	.034799	3.310366	.28378	3.2323	.68361	.085839	1188.5
%RSD	57.47482	733.9213	6.667704	.8931593	1.067553	30.02879	.9935477
#1	-.035940	-1.88973	-4.05542	359.6075	63.55181	-.346552	H118780.6
#2	-.085154	2.791834	-4.45674	364.1786	64.51859	-.225158	H120461.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.147396	.9990509	-1.58901	1.478342	672.4260	27492.48	60140.95
SDev	.097963	.6798232	.01250	.150842	7.7819	92.44	507.03
%RSD	66.46238	68.04691	.7865431	10.20343	1.157291	.3362339	.8430719
#1	-.216666	1.479758	-1.58017	1.371681	666.9233	27427.11	59782.43
#2	-.078126	.5183433	-1.59784	1.585003	677.9286	27557.84	60499.48

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5501.777	.3011864	H203644.4	.2166390	.6566522	-1.20552	1.253598
SDev	36.518	.2768624	625.2	.2128840	2.028496	2.05875	1.156481
%RSD	.6637527	91.92393	.3070132	98.26670	308.9148	170.7772	92.25290
#1	5475.955	.1054152	H204086.5	.3671707	2.091015	-2.66127	2.071353
#2	5527.600	.4969577	H203202.3	.0661073	-.777711	.2502380	.4358428

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8415263	4.533042	-1.27934	-.511480	-2.59677	.0116694	5.067561
SDev	3.539742	.103495	2.98955	3.408472	.64461	.5492610	.315073
%RSD	420.6336	2.283135	233.6799	666.3938	24.82368	4706.832	6.217454
#1	3.344502	4.606224	.8345964	-2.92163	-2.14096	.4000556	5.290352
#2	-1.66145	4.459860	-3.39327	1.898674	-3.05258	-.376717	4.844771

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	20140.29	L-21.0994	402.9871	-.635106
SDev	96.74	.4876	1.7847	.016503
%RSD	.4803496	2.310955	.4428694	2.598386
#1	20071.88	L-21.4441	401.7251	-.623437
#2	20208.70	L-20.7546	404.2491	-.646775

Method: STL3 Sample Name: 220-8385-B-19-B Operator: NP
Run Time: 03/23/09 12:35:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.052092	-.138912	-3.80688	222.8256	113.2841	-.294236	H340992.5
SDev	.036863	2.473451	.41032	.7492	.1077	.024356	3285.9
%RSD	70.76525	1780.590	10.77838	.3362306	.0950674	8.277702	.9636357
#1	-.026026	-1.88791	-4.09702	222.2958	113.3603	-.277013	H338669.0
#2	-.078159	1.610082	-3.51674	223.3553	113.2080	-.311458	H343316.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.366668	3.466100	-1.28079	2.751351	24.79768	23062.50	38383.73
SDev	.195914	.402045	.07617	.069873	8.03028	106.39	158.57
%RSD	53.43085	11.59935	5.947069	2.539591	32.38317	.4613200	.4131215
#1	-.228136	3.181812	-1.22693	2.800759	30.47594	22987.27	38271.61
#2	-.505199	3.750389	-1.33465	2.701943	19.11942	23137.73	38495.86

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4698.604	.1807119	21473.22	17.27271	2.406064	-1.77338	.4412481
SDev	18.853	.1064856	183.48	.63296	.768860	1.56375	1.509900
%RSD	.4012386	58.92563	.8544425	3.664497	31.95509	88.17946	342.1885
#1	4685.273	.1054152	21343.48	16.82514	2.949730	-.667635	1.508909
#2	4711.935	.2560085	21602.95	17.72028	1.862398	-2.87912	-.626413

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4373162	4.375656	1.422095	-2.16747	-.984997	-.637314	10.12691
SDev	.4539667	.123115	1.214108	2.76637	.845090	1.328751	.00139
%RSD	103.8074	2.813635	85.37465	127.6310	85.79614	208.4924	.0136975
#1	.1163132	4.288601	2.280599	-.211355	-1.58257	.3022547	10.12789
#2	.7583191	4.462712	.5635904	-4.12359	-.387429	-1.57688	10.12593

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	17638.70	L-34.6627	2907.500	.4945204
SDev	84.83	.7006	6.642	.0134425
%RSD	.4809431	2.021081	.2284284	2.718287
#1	17578.71	L-35.1580	2902.804	.4850151
#2	17698.68	L-34.1673	2912.197	.5040256

Method: STL3 Sample Name: 220-8385-B-20-B Operator: NP
Run Time: 03/23/09 12:41:25
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3558431	-3.90043	-4.31629	433.7028	59.01595	-.363614	24168.76
SDev	.1287590	5.01136	3.01554	2.4039	.08428	.048938	223.13
%RSD	36.18420	128.4823	69.86431	.5542636	.1428138	13.45864	.9232316
#1	.4468894	-.356861	-2.18397	432.0030	58.95635	-.398218	24010.98
#2	.2647968	-7.44400	-6.44860	435.4025	59.07555	-.329010	24326.54

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.394671	.1494249	-.405082	3.824956	2064.959	14188.99	10277.40
SDev	.175893	.0602207	.000176	.127414	7.455	10.46	46.71
%RSD	44.56702	40.30167	.0435481	3.331132	.3610327	.0737498	.4544501
#1	-.270296	.1068424	-.404957	3.915052	2059.687	14196.39	10244.37
#2	-.519046	.1920074	-.405207	3.734860	2070.231	14181.59	10310.42

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	285.5498	6.099030	H171971.8	.6586192	5.939422	-.867737	.6777338
SDev	.7843	.638914	53.2	.0488991	.468465	1.902222	.1887368
%RSD	.2746616	10.47566	.0309539	7.424489	7.887383	219.2164	27.84823
#1	284.9952	6.550810	H172009.4	.6240423	6.270676	-2.21281	.5442767
#2	286.1044	5.647250	H171934.1	.6931961	5.608167	.4773370	.8111908

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.003061	7.993881	4.912932	-1.36152	.1203079	-1.25985	5.367248
SDev	4.228591	.607258	1.005520	.98210	3.745222	.44487	.311008
%RSD	140.8093	7.596529	20.46679	72.13294	3113.030	35.31144	5.794558
#1	5.993126	7.564485	5.623942	-2.05597	-2.52796	-1.57442	5.147332
#2	.0129961	8.423277	4.201922	-.667067	2.768579	-.945276	5.587164

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	19019.88	L-14.3066	185.0683	-.232381
SDev	95.00	.0001	.1591	.007925
%RSD	.4994967	.0009757	.0859584	3.410485
#1	18952.70	L-14.3067	184.9558	-.226777
#2	19087.06	L-14.3065	185.1808	-.237985

Method: STL3 Sample Name: 220-8352-D-11-A Operator: NP
Run Time: 03/23/09 12:47:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3406609	22.26084	-4.17655	-.970834	113.1318	-.355251	H141315.9
SDev	.1959156	2.22941	.18326	.238134	.3043	.061258	1460.2
%RSD	57.51046	10.01496	4.387807	24.52876	.2690154	17.24356	1.033271
#1	.2021276	20.68441	-4.04696	-.802448	112.9166	-.311935	H140283.4
#2	.4791942	23.83727	-4.30613	-1.13922	113.3470	-.398567	H142348.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.231718	-.815377	.6602430	8.418194	99.32149	2471.511	94357.38
SDev	.046179	.061632	.3702670	.139346	15.75391	19.185	596.15
%RSD	19.92875	7.558697	56.08041	1.655299	15.86153	.7762640	.6318020
#1	-.264372	-.771797	.3984247	8.319661	88.18179	2457.945	93935.83
#2	-.199065	-.858957	.9220613	8.516727	110.4612	2485.077	94778.91

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.598043	1.264984	18651.99	.2305490	1.866730	-.100572	-1.55787
SDev	.061943	.191674	103.41	.0821322	1.932370	1.373167	.23539
%RSD	3.876154	15.15229	.5544192	35.62464	103.5163	1365.352	15.10971
#1	1.554243	1.129450	18578.87	.1724727	3.233122	-1.07155	-1.72432
#2	1.641844	1.400518	18725.11	.2886252	.5003383	.8704033	-1.39143

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2938887	1.843574	1.877541	-.740406	1.179915	1.147623	11.32249
SDev	1.935358	3.661110	1.069366	1.841721	.434793	.328015	.46607
%RSD	658.5341	198.5877	56.95567	248.7449	36.84952	28.58211	4.116310
#1	-1.07462	4.432369	2.633697	-2.04270	.8724696	.9156814	10.99292
#2	1.662393	-.745222	1.121385	.5618879	1.487359	1.379564	11.65204

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	14183.59	-2.21749	1935.243	-.472293
SDev	97.07	.94412	9.452	.020614
%RSD	.6844047	42.57583	.4883977	4.364721
#1	14114.95	-1.54990	1928.560	-.486870
#2	14252.24	-2.88508	1941.927	-.457717

Method: STL3 Sample Name: 220-8352-D-12-A Operator: NP
Run Time: 03/23/09 12:52:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3798104	21.14962	-4.92112	170.7759	67.16396	-.329514	H103205.6
SDev	.0055966	1.71366	3.26748	.4530	.68829	.048924	1344.7
%RSD	1.473535	8.102555	66.39706	.2652731	1.024790	14.84740	1.302978
#1	.3758530	19.93788	-7.23157	170.4556	66.67726	-.294920	H102254.7
#2	.3837678	22.36136	-2.61066	171.0963	67.65065	-.364109	H104156.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.363941	-.484577	.9511657	10.78158	73.70389	18520.30	H217536.2
SDev	.021315	.031797	.3932191	.32521	6.08555	146.51	2195.9
%RSD	5.856635	6.561759	41.34076	3.016309	8.256758	.7910662	1.009445
#1	-.379013	-.462093	.6731178	10.55162	69.40076	18416.70	H215983.5
#2	-.348870	-.507061	1.229214	11.01153	78.00703	18623.90	H219088.9

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.020369	6.189386	87593.46	1.055827	.7205880	12.78423	-.123232
SDev	.082508	.255565	478.16	.925117	.3119131	1.26099	1.388966
%RSD	2.052250	4.129090	.5458842	87.62010	43.28592	9.863670	1127.115
#1	3.962027	6.370098	87255.35	1.709983	.5000321	13.67589	-1.10538
#2	4.078711	6.008674	87931.57	.4016707	.9411439	11.89258	.8589150

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.959388	1.233290	.4638216	11.52785	15.29977	-.184008	13.79690
SDev	2.004154	1.360305	1.146769	1.30937	1.16410	.479566	.07784
%RSD	40.41132	110.2989	247.2435	11.35830	7.608629	260.6222	.5642153
#1	6.376538	2.195171	-.347066	12.45371	16.12291	.1550961	13.85194
#2	3.542237	.2714093	1.274710	10.60199	14.47663	-.523112	13.74185

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12984.45	L-13.0345	2769.959	-2.09940
SDev	124.61	3.9300	12.361	.05069
%RSD	.9596728	30.15058	.4462548	2.414592
#1	12896.34	L-10.2556	2761.219	-2.13524
#2	13072.56	L-15.8134	2778.700	-2.06355

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 03/23/09 12:58:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.61578	4880.385	516.8505	494.4086	499.6242	504.5247	19006.72
SDev	.47105	18.466	5.1875	4.6261	2.4910	2.4620	90.51
%RSD	.8785699	.3783771	1.003668	.9356885	.4985691	.4879908	.4761838
#1	53.28269	4867.328	513.1824	491.1375	497.8628	502.7838	18942.72
#2	53.94886	4893.443	520.5186	497.6798	501.3856	506.2656	19070.72

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.5334	521.0857	521.2745	493.2480	5113.929	18764.49	18568.43
SDev	3.5026	1.6084	3.3081	3.2739	15.334	41.86	111.78
%RSD	.6807257	.3086683	.6346238	.6637403	.2998409	.2230818	.6019718
#1	512.0567	519.9484	518.9354	490.9330	5103.086	18734.89	18489.40
#2	517.0101	522.2231	523.6138	495.5630	5124.771	18794.09	18647.47

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	525.5857	514.4118	20771.27	505.5461	507.4088	498.7123	491.0956
SDev	4.4063	4.5575	78.93	4.4661	3.0450	9.1528	9.2841
%RSD	.8383677	.8859723	.3800198	.8834238	.6001155	1.835285	1.890496
#1	522.4699	511.1891	20715.46	502.3881	505.2557	492.2403	484.5307
#2	528.7014	517.6345	20827.09	508.7041	509.5620	505.1843	497.6604

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	493.9099	505.1800	508.5208	496.0422	504.0595	510.1991	520.2593
SDev	1.4960	1.5811	3.7759	10.7403	5.9729	2.8074	4.9003
%RSD	.3028846	.3129746	.7425355	2.165200	1.184960	.5502575	.9419017
#1	492.8521	504.0620	505.8508	488.4477	499.8360	508.2140	516.7943
#2	494.9677	506.2980	511.1908	503.6368	508.2829	512.1843	523.7244

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	558.3527	502.3040	513.4230	505.5823
SDev	10.2428	9.8758	2.5202	3.7436
%RSD	1.834471	1.966101	.4908562	.7404575
#1	565.5955	495.3207	511.6410	502.9352
#2	551.1099	509.2872	515.2050	508.2295

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 03/23/09 13:04:24
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4276160	17.60701	-3.46707	.1798331	.0198651	-.251080	5.115322
SDev	.1177678	5.21699	1.10042	.5905495	.0234113	.012321	.321518
%RSD	27.54056	29.63020	31.73907	328.3876	117.8511	4.907137	6.285392
#1	.5108904	21.29598	-2.68896	.5974146	.0364194	-.242367	5.342670
#2	.3443416	13.91804	-4.24518	-.237748	.0033109	-.259792	4.887975

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.212337	-.325391	.1064167	-.641173	12.91498	-.000001	4.548510
SDev	.160431	.065563	.2660502	.034082	9.11514	1.744163	1.429488
%RSD	75.55486	20.14905	250.0080	5.315509	70.57803	146e6	31.42762
#1	-.098895	-.279031	.2945426	-.617074	19.36036	1.233309	5.559311
#2	-.325778	-.371751	-.081709	-.665273	6.469605	-1.23331	3.537709

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.080228	1.716764	29.34838	.7819112	.8479346	-1.30014	4.682900
SDev	.020652	1.895443	.27172	.6276565	.7952320	2.78443	2.625052
%RSD	25.74122	110.4079	.9258378	80.27209	93.78459	214.1630	56.05611
#1	-.094831	3.057045	29.54051	.3380911	.2856206	.6687435	6.539092
#2	-.065625	.3764831	29.15624	1.225731	1.410249	-3.26903	2.826708

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.264085	-1.81837	2.178486	-3.51507	3.135260	.3727027	-.551393
SDev	4.679879	.77477	.805450	2.29139	3.771849	.1558946	.309940
%RSD	370.2185	42.60783	36.97291	65.18750	120.3042	41.82815	56.21038
#1	4.573259	-2.36621	1.608947	-1.89482	5.802360	.2624685	-.332232
#2	-2.04509	-1.27052	2.748025	-5.13533	.4681602	.4829368	-.770553

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.84210	6.915915	.0230534	.3241053
SDev	1.30311	3.199446	.0081818	.2587132
%RSD	70.74020	46.26209	35.49078	79.82381
#1	-.920666	9.178265	.0288388	.5070431
#2	-2.76354	4.653564	.0172680	.1411674

Method: STL3 Sample Name: 220-8352-D-13-A Operator: NP
Run Time: 03/23/09 13:10:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4971858	12.34855	-6.39830	298.0670	37.77352	-.320503	77469.39
SDev	.2629969	.71546	.36800	.3163	.34649	.036558	605.58
%RSD	52.89710	5.793871	5.751586	.1061052	.9172728	11.40640	.7816974
#1	.6831526	12.85446	-6.13809	297.8434	37.52851	-.346354	77041.18
#2	.3112189	11.84265	-6.65852	298.2907	38.01852	-.294653	77897.59

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.486011	-.194634	.1748650	.6388236	30.10920	10917.07	H168569.6
SDev	.017522	.186478	.1152042	.0116302	7.98987	102.90	1107.5
%RSD	3.605192	95.80929	65.88182	1.820560	26.53630	.9425975	.6569893
#1	-.473621	-.062775	.0934033	.6305999	35.75889	10844.31	H167786.5
#2	-.498401	-.326494	.2563266	.6470474	24.45951	10989.84	H169352.7

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	68.82816	4.924402	78924.31	.3909660	1.190301	.8833428	1.565890
SDev	.37135	.425942	350.35	.0531567	1.688956	.3278078	.802506
%RSD	.5395254	8.649628	.4439125	13.59625	141.8932	37.10992	51.24918
#1	68.56558	5.225589	78676.57	.4285535	-.003971	.6515477	.9984325
#2	69.09074	4.623215	79172.05	.3533785	2.384573	1.115138	2.133347

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.209330	-.146704	1.857051	1.068219	.5120362	-.498424	2.409917
SDev	.822232	1.350740	3.206454	.736263	.4903258	1.560179	.154898
%RSD	67.99067	920.7265	172.6638	68.92432	95.75999	313.0222	6.427515
#1	1.790736	.8084137	-.410255	.5476026	.8587489	.6047886	2.519446
#2	.6279246	-1.10182	4.124357	1.588835	.1653235	-1.60164	2.300388

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10904.17	L-11.1583	2941.632	-1.67570
SDev	72.61	.3049	15.501	.08982
%RSD	.6658633	2.732618	.5269443	5.360005
#1	10852.83	L-10.9427	2930.671	-1.61219
#2	10955.51	L-11.3739	2952.593	-1.73921

Method: STL3 Sample Name: 220-8352-D-14-A Operator: NP
Run Time: 03/23/09 13:15:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2960830	11.96914	-5.68979	1992.508	88.78052	-.346322	H140205.1
SDev	.0503810	6.58431	3.31576	11.688	.16856	.073440	1651.8
%RSD	17.01585	55.01076	58.27570	.5866049	.1898620	21.20569	1.178133
#1	.2604582	7.313324	-8.03438	1984.243	88.66132	-.398252	H139037.1
#2	.3317078	16.62495	-3.34519	2000.773	88.89970	-.294392	H141373.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.285259	-.543364	.0301211	1.574588	85.24312	26991.76	54281.61
SDev	.087337	.214466	.0692597	.104908	.83571	158.72	350.26
%RSD	30.61668	39.47008	229.9374	6.662599	.9803881	.5880182	.6452560
#1	-.347015	-.391713	.0790951	1.648769	84.65218	26879.53	54033.94
#2	-.223502	-.695014	-.018853	1.500406	85.83405	27103.99	54529.28

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.33502	6.294802	H133869.3	-.514784	.8593004	-4.05140	.2365554
SDev	.17549	1.000964	372.1	.134088	.9709098	2.38874	1.415385
%RSD	.8225634	15.90144	.2779607	26.04744	112.9884	58.96088	598.3313
#1	21.21093	5.587013	H133606.2	-.419969	1.545837	-2.36230	-.764273
#2	21.45912	7.002590	H134132.4	-.609598	.1727635	-5.74049	1.237384

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.715332	-.618324	1.596305	-2.48088	-7.19816	-.449557	2.520712
SDev	.001681	2.119624	2.513860	2.61893	1.92767	.813506	.000699
%RSD	.0619072	342.8016	157.4799	105.5648	26.77997	180.9571	.0277422
#1	2.714143	-2.11712	3.373873	-.629012	-5.83510	-1.02479	2.521207
#2	2.716520	.8804768	-.181262	-4.33274	-8.56123	.1256783	2.520218

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10106.77	-8.72325	17246.29	-.066158
SDev	80.93	.82246	91.08	.095241
%RSD	.8007354	9.428362	.5281379	143.9597
#1	10049.55	-8.14168	17181.88	-.133503
#2	10164.00	-9.30482	17310.69	.0011875

Method: STL3 Sample Name: 220-8352-D-15-A Operator: NP
Run Time: 03/23/09 13:21:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3663405	102.4306	-4.71492	102.9939	170.0950	-.328990	89944.64
SDev	.1175650	3.6178	.42009	.4329	1.2923	.049003	125.24
%RSD	32.09173	3.531990	8.909778	.4203216	.7597592	14.89486	.1392359
#1	.4494715	104.9887	-4.41787	103.3000	169.1812	-.363640	89856.09
#2	.2832095	99.87236	-5.01197	102.6877	171.0088	-.294340	90033.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.204868	-.684681	.3708465	4.424622	156.1807	7763.554	H186661.6
SDev	.182523	.186899	.1735062	.325379	4.4095	34.882	1003.6
%RSD	89.09318	27.29723	46.78653	7.353835	2.823306	.4493087	.5376546
#1	-.075804	-.552524	.2481591	4.194544	159.2987	7738.888	H185951.9
#2	-.333931	-.816839	.4935340	4.654700	153.0627	7788.219	H187371.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.58400	6.475513	60373.30	-.160865	2.204507	-1.34965	.2117027
SDev	.13414	.404645	242.15	.470930	1.065286	2.14364	.0463731
%RSD	.6849346	6.248850	.4010803	292.7487	48.32307	158.8289	21.90484
#1	19.48915	6.761641	60202.07	.1721327	1.451237	.1661282	.2444935
#2	19.67885	6.189386	60544.52	-.493862	2.957778	-2.86543	.1789119

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9547682	4.428074	1.093741	-1.57065	-.907983	1.165933	2.295004
SDev	.4434538	2.312322	.442773	2.18936	2.052056	.079484	.466076
%RSD	46.44623	52.21959	40.48241	139.3914	226.0016	6.817162	20.30831
#1	.6411989	2.793015	.7806531	-.022545	.5430399	1.222137	2.624570
#2	1.268337	6.063133	1.406828	-3.11876	-2.35901	1.109730	1.965438

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	14114.57	-2.92580	2144.019	.7693782
SDev	24.78	.12183	4.931	.0464384
%RSD	.1755815	4.164047	.2299934	6.035837
#1	14097.05	-3.01195	2140.532	.7365413
#2	14132.09	-2.83966	2147.506	.8022151

Method: STL3 Sample Name: 220-8352-D-16-A Operator: NP
Run Time: 03/23/09 13:27:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1747003	7.451447	7.018165	410.5003	104.5832	-.320571	95072.47
SDev	.1959114	1.897781	2.055355	2.6010	.1920	.036999	691.74
%RSD	112.1414	25.46862	29.28621	.6336233	.1835609	11.54151	.7275963
#1	.0361700	8.793382	8.471520	408.6611	104.4475	-.294409	94583.33
#2	.3132305	6.109514	5.564810	412.3395	104.7190	-.346733	95561.60

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.397537	-.388815	-.277444	.0713303	1316.082	8615.756	H187395.9
SDev	.005037	.466870	.023750	.0933729	14.135	8.721	839.9
%RSD	1.266970	120.0752	8.560216	130.9022	1.074006	.1012187	.4482011
#1	-.401099	-.058688	-.260650	.0053057	1306.087	8621.923	H186802.0
#2	-.393976	-.718942	-.294237	.1373549	1326.076	8609.590	H187989.8

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	158.8310	6.264683	82504.30	-.250110	.2764197	-1.47099	-.708008
SDev	1.2072	1.299124	35.99	.758390	.5995593	.56730	.994585
%RSD	.7600698	20.73727	.0436160	303.2225	216.9018	38.56603	140.4765
#1	157.9773	7.183302	82478.85	.2861526	-.147533	-1.06985	-.004731
#2	159.6846	5.346064	82529.74	-.786373	.7003722	-1.87213	-1.41129

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.434703	3.720353	-1.44367	-1.41142	-1.59140	-.413426	1.291619
SDev	1.408358	.308864	1.05323	.40910	.88432	.892145	.389334
%RSD	41.00378	8.302005	72.95538	28.98516	55.56837	215.7930	30.14312
#1	4.430562	3.938753	-2.18841	-1.12214	-.966098	.2174155	1.566920
#2	2.438843	3.501954	-.698918	-1.70070	-2.21671	-1.04427	1.016318

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	14109.50	L-12.2340	6190.935	-2.02969
SDev	45.48	2.3456	17.522	.01165
%RSD	.3223700	19.17309	.2830204	.5740892
#1	14077.33	L-10.5754	6178.546	-2.02145
#2	14141.66	L-13.8926	6203.325	-2.03793

Method: STL3 Sample Name: 220-8352-D-17-A Operator: NP
Run Time: 03/23/09 13:33:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2846474	26.94964	-6.09651	199.3096	169.4892	-.354990	85498.97
SDev	.1847663	1.18044	2.64441	1.4972	.6883	.012176	282.29
%RSD	64.91058	4.380183	43.37575	.7511860	.4060966	3.430064	.3301681
#1	.4152969	26.11494	-4.22663	200.3682	169.0025	-.346380	85299.36
#2	.1539979	27.78434	-7.96639	198.2509	169.9759	-.363600	85698.58

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.190721	-.471965	.0392740	2.791344	31.88490	8050.910	20875.01
SDev	.168525	.187473	.1156426	.151303	4.40592	40.115	109.37
%RSD	88.36188	39.72183	294.4508	5.420422	13.81819	.4982647	.5239124
#1	-.309887	-.339402	-.042498	2.684357	35.00036	8022.544	20797.68
#2	-.071556	-.604529	.1210457	2.898331	28.76945	8079.275	20952.35

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.449747	3.237757	48504.03	1.320665	.8368343	.9626737	1.413141
SDev	.020676	.766696	143.10	.605343	.0152981	2.792287	3.115408
%RSD	.2775337	23.67986	.2950343	45.83620	1.828090	290.0555	220.4599
#1	7.464366	3.779893	48402.84	1.748707	.8260169	-1.01177	3.616067
#2	7.435127	2.695620	48605.22	.8926231	.8476517	2.937119	-.789786

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.218877	.9719588	.7686737	1.091441	.7035516	-.143862	2.085738
SDev	1.705101	1.482712	.7174501	4.112139	.1486198	.434604	.155977
%RSD	76.84523	152.5488	93.33611	376.7625	21.12422	302.0971	7.478245
#1	1.013189	-.076477	1.275988	-1.81628	.5984616	.1634491	1.975446
#2	3.424566	2.020394	.2613598	3.999162	.8086417	-.451174	2.196031

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2282.122	-4.20004	2523.533	.1597396
SDev	.463	.09135	1.808	.0332508
%RSD	.0202731	2.174981	.0716452	20.81562
#1	2282.449	-4.26464	2522.254	.1362278
#2	2281.794	-4.13545	2524.811	.1832515

Method: STL3 Sample Name: 220-8364-F-2-A @2 Operator: NP
Run Time: 03/23/09 13:38:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2388407	11.41162	-1.10085	28.60721	198.5883	-.415644	H139200.1
SDev	.0957880	6.07480	2.87371	.33479	.3839	.049003	703.5
%RSD	40.10539	53.23347	261.0452	1.170296	.1933386	11.78966	.5053674
#1	.1711083	7.116085	.9311711	28.84394	198.3168	-.450295	H138702.6
#2	.3065730	15.70715	-3.13286	28.37048	198.8597	-.380994	H139697.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.411551	1.329776	2.323360	5.099715	4797.023	58419.66	70032.06
SDev	.084695	.030994	.071219	.162640	2.488	202.32	259.99
%RSD	20.57943	2.330734	3.065348	3.189197	.0518726	.3463233	.3712426
#1	-.471439	1.307860	2.373719	4.984711	4795.263	58276.60	69848.22
#2	-.351663	1.351692	2.273000	5.214719	4798.782	58562.73	70215.90

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1475.316	2.153485	44240.22	11.84832	.1026760	.8069337	.5061716
SDev	5.190	.000000	113.87	1.23491	.3099286	3.387943	.4963888
%RSD	.3518161	.0000000	.2573943	10.42269	301.8511	419.8539	98.06729
#1	1471.646	2.153485	44159.70	12.72154	-.116477	3.202571	.8571716
#2	1478.986	2.153485	44320.74	10.97510	.3218286	-1.58870	.1551717

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0869889	.8282680	-.260526	-.206918	2.836681	1.517388	75.56970
SDev	3.790536	3.246641	2.085477	2.415523	5.335704	.326246	.07887
%RSD	4357.492	391.9796	800.4881	1167.381	188.0967	21.50052	.1043698
#1	-2.59332	3.123990	-1.73518	1.501114	6.609594	1.748079	75.62547
#2	2.767302	-1.46745	1.214129	-1.91495	-.936231	1.286697	75.51393

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7530.432	-8.28381	669.2261	.3716485
SDev	30.507	.15235	1.3118	.0593456
%RSD	.4051175	1.839150	.1960173	15.96820
#1	7508.860	-8.17608	668.2985	.4136122
#2	7552.004	-8.39154	670.1537	.3296848

Method: STL3 Sample Name: 220-8369-D-1-A Operator: NP
Run Time: 03/23/09 13:44:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4414344	145.7552	3.359809	153.1075	227.3066	-.398287	H100414.1
SDev	.0391812	2.5631	.412290	.7098	2.4348	.024443	78.5
%RSD	8.875885	1.758467	12.27124	.4636267	1.071144	6.136942	.0781267
#1	.4137291	147.5676	3.068275	153.6095	225.5849	-.415571	H100469.6
#2	.4691397	143.9429	3.651342	152.6056	229.0282	-.381003	H100358.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.315034	-.316064	.6500938	1.854018	189.9462	26211.09	22229.34
SDev	.089045	.062742	.3122944	.244093	4.7002	87.21	128.91
%RSD	28.26507	19.85096	48.03835	13.16564	2.474493	.3327124	.5798919
#1	-.252070	-.271699	.8709193	1.681418	186.6226	26272.75	22138.19
#2	-.377999	-.360429	.4292684	2.026617	193.2697	26149.42	22320.49

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	122.9250	6.294802	H147208.4	.2312940	1.651477	1.257040	-.154866
SDev	.5160	.362051	82.1	.0371651	.499402	.067645	.707564
%RSD	.4197562	5.751591	.0557875	16.06833	30.23970	5.381280	456.8878
#1	122.5602	6.550810	H147150.4	.2575737	1.298346	1.304872	-.655189
#2	123.2899	6.038793	H147266.5	.2050144	2.004607	1.209208	.3454573

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.345750	.6668063	2.142274	1.109732	1.551098	3.274974	11.19136
SDev	.522394	.2999165	.898461	.695710	1.190370	.447816	.46701
%RSD	12.02080	44.97805	41.93962	62.69169	76.74371	13.67388	4.172935
#1	3.976362	.8788793	1.506966	1.601673	.7093795	2.958320	11.52158
#2	4.715138	.4547334	2.777582	.6177908	2.392818	3.591628	10.86113

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12163.40	-4.43214	764.5512	1.608318
SDev	28.97	.06105	.2432	.016141
%RSD	.2382073	1.377344	.0318148	1.003594
#1	12142.92	-4.47531	764.3791	1.596904
#2	12183.89	-4.38898	764.7231	1.619731

Method: STL3 Sample Name: 220-8369-D-3-A Operator: NP
Run Time: 03/23/09 13:50:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3970194	9.052987	-3.23904	21.16673	114.9098	-.320201	H181014.4
SDev	.1063372	3.308311	2.05517	.74956	1.0207	.036794	2128.9
%RSD	26.78387	36.54386	63.44978	3.541235	.8882865	11.49106	1.176106
#1	.4722111	6.713658	-4.69226	20.63671	114.1880	-.346218	H179509.0
#2	.3218277	11.39232	-1.78582	21.69676	115.6315	-.294183	H182519.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.192466	-.406380	.3537905	6.512976	34.82122	3677.668	29605.96
SDev	.099267	.588335	.0808793	.069674	.87102	40.115	207.77
%RSD	51.57634	144.7748	22.86079	1.069769	2.501420	1.090773	.7017911
#1	-.122273	.0096364	.2966002	6.463709	34.20531	3649.302	29459.04
#2	-.262658	-.822396	.4109808	6.562243	35.43713	3706.033	29752.88

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.38980	.0451779	H189458.9	1.006356	-.216695	.8415133	.5298873
SDev	.12379	.1703768	848.0	.588279	.319023	1.446175	1.019498
%RSD	1.086859	377.1246	.4475836	58.45635	147.2221	171.8541	192.3990
#1	11.30227	.1656525	H188859.2	1.422332	-.442279	-.181087	-.191007
#2	11.47733	-.075297	H190058.5	.5903801	.0088884	1.864113	1.250781

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.482366	1.272708	-.961030	1.165516	.1914341	-1.01149	29.30746
SDev	3.120011	2.593536	1.773049	.654563	3.031916	.40332	.07790
%RSD	125.6870	203.7810	184.4948	56.16082	1583.791	39.87384	.2658102
#1	4.688547	3.106615	-2.21477	.7026698	-1.95245	-.726298	29.36255
#2	.2761852	-.561200	.2927055	1.628362	2.335323	-1.29668	29.25238

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4280.499	-4.52313	819.2261	.3867884
SDev	35.255	3.35178	5.5686	.0703894
%RSD	.8236239	74.10307	.6797438	18.19844
#1	4255.570	-6.89320	815.2885	.3370155
#2	4305.428	-2.15307	823.1637	.4365612

Method: STL3 Sample Name: 220-8369-D-4-A Operator: NP
Run Time: 03/23/09 13:56:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1776654	20.31743	-5.48874	193.4828	151.8986	-.389677	H208873.7
SDev	.0335344	3.08683	.37312	2.0100	.7211	.012242	3045.4
%RSD	18.87503	15.19302	6.797920	1.038827	.4747038	3.141478	1.458015
#1	.1539530	18.13471	-5.75257	192.0615	151.3887	-.381021	H206720.3
#2	.2013778	22.50015	-5.22490	194.9040	152.4085	-.398333	H211027.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.407104	-.625410	.3735339	.4185584	42.83555	5327.809	80898.20
SDev	.151772	.029700	.0346906	.0001461	4.41987	43.603	682.16
%RSD	37.28084	4.748900	9.287144	.0349060	10.31822	.8184120	.8432384
#1	-.299785	-.646411	.3490039	.4184551	39.71023	5296.976	80415.84
#2	-.514422	-.604409	.3980639	.4186617	45.96086	5358.641	81380.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.296196	1.219806	H123790.2	.4640664	2.745632	6.069111	.1953845
SDev	.144471	.383348	537.1	.0234751	.898031	2.261730	.5210505
%RSD	1.741416	31.42697	.4338547	5.058569	32.70762	37.26625	266.6795
#1	8.194039	1.490874	H123410.4	.4806658	3.380635	7.668395	-.173054
#2	8.398353	.9487379	H124170.0	.4474670	2.110628	4.469826	.5638228

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.645506	4.865702	1.686436	5.765122	6.676901	.4026075	1.866203
SDev	.889355	.933203	1.812346	2.659603	1.464932	.0711798	.621979
%RSD	54.04749	19.17921	107.4660	46.13264	21.94030	17.67970	33.32859
#1	2.274375	4.205828	2.967958	7.645745	7.712765	.3522758	1.426398
#2	1.016638	5.525576	.4049143	3.884499	5.641038	.4529392	2.306009

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12566.79	L-17.5565	488.4318	-.030591
SDev	123.76	1.2493	2.6588	.056747
%RSD	.9848422	7.115699	.5443441	185.5034
#1	12479.27	L-18.4398	486.5518	-.070717
#2	12654.30	L-16.6731	490.3119	.0095353

Method: STL3 Sample Name: 220-8369-D-5-A Operator: NP
Run Time: 03/23/09 14:01:51
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1650314	7.810005	-4.67050	250.9183	141.9660	-.337749	H145699.6
SDev	.0615551	3.738924	.98084	1.3996	.5338	.036688	709.1
%RSD	37.29900	47.87352	21.00081	.5578057	.3759857	10.86243	.4866908
#1	.2085574	10.45382	-5.36406	249.9286	141.5886	-.363691	H145198.2
#2	.1215054	5.166186	-3.97694	251.9080	142.3435	-.311807	H146201.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.150920	-.316081	3.933623	3.431244	15.24157	32514.43	28560.47
SDev	.159452	.308484	.277838	.058212	1.92110	75.00	156.07
%RSD	105.6536	97.59637	7.063164	1.696534	12.60436	.2306634	.5464461
#1	-.263669	-.097950	3.737162	3.472406	16.60000	32461.40	28450.11
#2	-.038170	-.534213	4.130084	3.390081	13.88315	32567.46	28670.82

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.787702	5.255708	70439.02	.8357050	.7026388	-.802699	-.395720
SDev	.000056	.468536	235.32	.2107750	.6301920	.861677	2.876276
%RSD	.0031592	8.914811	.3340803	25.22122	89.68933	107.3475	726.8466
#1	1.787662	4.924402	70272.62	.6866646	.2570257	-.193401	-2.42955
#2	1.787742	5.587013	70605.42	.9847454	1.148252	-1.41200	1.638115

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.46728	.8033069	.6516805	-1.59738	.7880479	.6228523	3.245556
SDev	2.89528	.2204250	.8347685	.79798	.9892674	.6322935	.388472
%RSD	197.3237	27.43970	128.0947	49.95541	125.5339	101.5158	11.96934
#1	-3.51455	.6474429	.0614101	-1.03312	1.487566	.1757533	3.520247
#2	.5799981	.9591709	1.241951	-2.16164	.0885302	1.069951	2.970865

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9416.859	L-16.4156	1088.995	.0988746
SDev	53.779	3.7778	5.963	.0563465
%RSD	.5710978	23.01345	.5475472	56.98778
#1	9378.831	L-13.7443	1084.778	.0590317
#2	9454.887	L-19.0869	1093.211	.1387176

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 03/23/09 14:07:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.23426	4811.724	512.7962	482.6111	494.4196	495.7783	18610.00
SDev	.51582	11.973	5.5042	.9223	1.9946	.4288	113.66
%RSD	.9689690	.2488332	1.073362	.1911051	.4034284	.0864816	.6107275
#1	52.86952	4820.190	516.6882	481.9590	495.8300	495.4751	18529.63
#2	53.59900	4803.258	508.9042	483.2633	493.0091	496.0815	18690.36

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.4194	514.8300	512.1870	488.6015	5011.248	18713.93	18306.21
SDev	1.3670	1.1213	2.7412	.6987	16.478	68.02	9.31
%RSD	.2704638	.2178080	.5352043	.1429981	.3288107	.3634819	.0508559
#1	504.4528	514.0371	510.2487	489.0956	4999.597	18762.03	18299.63
#2	506.3860	515.6229	514.1254	488.1074	5022.900	18665.83	18312.79

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.7201	507.2436	20725.56	497.4242	500.9490	491.8925	484.6880
SDev	2.8379	5.5373	66.59	1.6922	3.1751	6.2187	6.8400
%RSD	.5502750	1.091638	.3213120	.3401876	.6338164	1.264238	1.411212
#1	513.7134	503.3281	20772.65	496.2276	498.7039	487.4952	479.8514
#2	517.7268	511.1590	20678.47	498.6207	503.1941	496.2898	489.5246

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	494.7495	496.0874	503.3755	489.3157	497.0528	502.8156	507.2264
SDev	4.6867	2.0026	3.7603	5.6464	7.3650	2.1656	2.4890
%RSD	.9472914	.4036815	.7470260	1.153940	1.481733	.4307034	.4907137
#1	491.4354	494.6714	500.7165	485.3231	491.8450	501.2842	505.4664
#2	498.0634	497.5035	506.0344	493.3084	502.2606	504.3469	508.9864

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	542.2887	492.1268	508.0812	499.7322
SDev	4.7757	6.4001	.0550	1.5824
%RSD	.8806544	1.300504	.0108176	.3166543
#1	545.6657	487.6012	508.0423	498.6132
#2	538.9118	496.6523	508.1201	500.8511

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 03/23/09 14:13:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2377983	3.307726	-3.72070	1.323758	.0132434	-.354969	3.751236
SDev	.0167196	.960559	.70121	.078024	.0515048	.012310	.000000
%RSD	7.030983	29.03987	18.84611	5.894141	388.9087	3.468043	.0000000
#1	.2259758	3.986944	-4.21653	1.378930	.0496628	-.346264	3.751236
#2	.2496208	2.628508	-3.22487	1.268587	-.023176	-.363674	3.751236

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.273937	-.410107	-.057317	-.805886	5.301007	16.03275	2.190597
SDev	.050437	.742841	.150341	.174013	1.057235	10.46479	1.906028
%RSD	18.41192	181.1333	262.2991	21.59277	19.94405	65.27131	87.00950
#1	-.309602	.1151605	.0489906	-.682840	6.048585	8.633030	3.538363
#2	-.238273	-.935375	-.163624	-.928932	4.553429	23.43247	.8428323

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0510784	2.816095	33.17503	.2008603	-.043594	-.129012	5.363627
SDev	.0206530	.553725	.61137	.2184693	.180518	3.578317	1.464938
%RSD	40.43392	19.66286	1.842848	108.7668	414.0931	2773.629	27.31245
#1	.0364745	3.207638	32.74273	.3553414	.0840520	-2.65926	6.399495
#2	.0656823	2.424553	33.60733	.0463792	-.171239	2.401240	4.327760

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.258352	.8568392	-.493785	-2.25687	4.132089	.0294972	-.496271
SDev	1.040709	.6969973	.077405	3.98951	2.754687	.1698848	.233229
%RSD	46.08264	81.34518	15.67587	176.7721	66.66573	575.9346	46.99627
#1	2.994245	1.349691	-.548518	-5.07788	2.184231	-.090629	-.331353
#2	1.522460	.3639876	-.439051	.5641444	6.079947	.1496239	-.661189

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.88002	4.330539	.0288722	.2614264
SDev	1.88331	.335404	.0000000	.2143549
%RSD	100.1748	7.745086	.0000000	81.99435
#1	-.548322	4.567705	.0288722	.4129982
#2	-3.21172	4.093372	.0288722	.1098546

Method: STL3 Sample Name: 220-8369-C-6-A Operator: NP
Run Time: 03/23/09 14:19:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1553846	63.61945	-3.37939	243.4017	115.3269	-.415344	H193825.5
SDev	.2294472	3.39944	.27137	1.5566	.1405	.024519	1619.6
%RSD	147.6640	5.343405	8.030041	.6395027	.1218060	5.903281	.8356173
#1	-.006859	66.02322	-3.57127	242.3011	115.4262	-.432681	H192680.2
#2	.3176283	61.21567	-3.18750	244.5024	115.2276	-.398006	H194970.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.260102	-.112896	1.532539	10.66869	499.3378	14649.01	45045.64
SDev	.097717	.710064	.150198	.11634	1.1492	50.58	122.95
%RSD	37.56874	628.9546	9.800588	1.090482	.2301447	.3452810	.2729414
#1	-.191006	-.614987	1.426333	10.58642	500.1504	14684.77	44958.71
#2	-.329199	.3891951	1.638745	10.75095	498.5252	14613.24	45132.58

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.55505	.6174325	H115489.2	3.596971	2.711262	1.175219	1.279515
SDev	.25794	.5963194	22.6	.087945	.236356	1.888251	.636661
%RSD	.4481600	96.58050	.0196022	2.444977	8.717563	160.6722	49.75796
#1	57.37266	1.039094	H115505.2	3.534784	2.544133	2.510414	.8293279
#2	57.73744	.1957710	H115473.2	3.659158	2.878391	-.159976	1.729702

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.179831	5.467012	1.334653	-.482127	4.493887	-.266804	11.29790
SDev	2.598348	.346615	.181309	2.414183	.834806	.357564	.15605
%RSD	119.1995	6.340123	13.58471	500.7362	18.57648	134.0173	1.381199
#1	4.017140	5.221919	1.206449	1.224959	5.084184	-.013968	11.18756
#2	.3425216	5.712107	1.462858	-2.18921	3.903590	-.519640	11.40824

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9721.832	L-13.9700	667.1439	1.180814
SDev	57.818	.8836	.4614	.038515
%RSD	.5947275	6.324931	.0691614	3.261744
#1	9680.948	L-13.3452	666.8176	1.208049
#2	9762.716	L-14.5948	667.4701	1.153580

Method: STL3 Sample Name: 220-8369-D-7-A Operator: NP
Run Time: 03/23/09 14:24:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2044942	62.02870	-6.05466	238.8528	125.1535	-.432647	H167329.3
SDev	.0280066	.76694	3.75619	.9447	.3746	.000104	2026.9
%RSD	13.69553	1.236424	62.03807	.3955220	.2993025	.0241105	1.211297
#1	.2242978	62.57101	-3.39863	238.1848	124.8887	-.432574	H165896.1
#2	.1846905	61.48640	-8.71069	239.5208	125.4184	-.432721	H168762.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.171298	.0165822	1.681974	5.929956	124.8726	14187.76	38302.81
SDev	.406966	.2789443	.266399	.383369	8.2639	5.23	58.85
%RSD	237.5783	1682.194	15.83845	6.464962	6.617849	.0368781	.1536515
#1	-.459067	-.180661	1.493601	5.658873	119.0291	14184.06	38261.19
#2	.1164709	.2138255	1.870346	6.201039	130.7160	14191.45	38344.43

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.925187	.2409492	H112173.5	.9521838	2.333215	.5933367	1.070938
SDev	.041377	.3194568	48.1	.6277396	.726248	1.897821	.140868
%RSD	.8401051	132.5826	.0429193	65.92631	31.12649	319.8557	13.15372
#1	4.895929	.0150591	H112207.5	.5083048	1.819681	-.748626	1.170547
#2	4.954444	.4668392	H112139.4	1.396063	2.846750	1.935299	.9713295

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.290240	1.561280	2.717905	-.335660	2.453019	.2844588	13.08093
SDev	4.969746	2.729404	.273970	3.764750	1.841501	1.132466	.31118
%RSD	93.94179	174.8184	10.08019	1121.596	75.07081	398.1125	2.378868
#1	8.804380	-.368700	2.911631	-2.99774	3.755158	-.516316	13.30096
#2	1.776099	3.491260	2.524179	2.326420	1.150881	1.085233	12.86089

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9344.893	L-16.1098	581.9416	1.485182
SDev	7.290	.2439	1.4354	.038830
%RSD	.0780102	1.514237	.2466652	2.614527
#1	9339.738	L-16.2823	580.9266	1.457725
#2	9350.048	L-15.9374	582.9567	1.512639

Method: STL3 Sample Name: 220-8369-D-8-A Operator: NP
Run Time: 03/23/09 14:30:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2570860	14.23091	-6.12064	168.6455	182.7425	-.380941	H238579.6
SDev	.2630077	3.19487	1.16617	.9466	.7117	.048914	4145.3
%RSD	102.3034	22.45019	19.05303	.5613042	.3894568	12.84040	1.737502
#1	.4430605	11.97180	-5.29603	167.9761	182.2393	-.415528	H235648.5
#2	.0711115	16.49002	-6.94524	169.3149	183.2458	-.346353	H241510.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.238979	.1672230	-.412854	.8448875	26.37430	22903.41	63899.88
SDev	.186672	.4322323	.300725	.1627247	.52513	233.71	306.18
%RSD	78.11246	258.4767	72.84055	19.25993	1.991055	1.020433	.4791558
#1	-.106982	.4728573	-.625498	.9599512	26.74562	22738.15	63683.38
#2	-.370976	-.138411	-.200209	.7298237	26.00297	23068.67	64116.39

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39.97039	3.026926	H145412.1	7.200514	.6104080	3.879423	-.232602
SDev	.17542	.340754	203.5	.601399	1.908979	.083389	2.407836
%RSD	.4388679	11.25742	.1399493	8.352169	312.7383	2.149513	1035.176
#1	39.84635	2.785977	H145268.2	7.625767	1.960260	3.938388	1.469996
#2	40.09443	3.267875	H145556.0	6.775260	-.739444	3.820458	-1.93520

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.027057	3.479777	-.822925	6.306814	-.983850	-.358947	19.13124
SDev	1.335360	.349522	3.036537	.204388	.659806	.071665	.77771
%RSD	44.11414	10.04439	368.9931	3.240753	67.06368	19.96523	4.065130
#1	2.082815	3.232627	1.324231	6.162290	-.517297	-.308272	19.68117
#2	3.971299	3.726926	-2.97008	6.451339	-1.45040	-.409621	18.58132

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10496.60	L-12.1712	861.4987	.2467766
SDev	74.49	.0307	5.4648	.1615674
%RSD	.7096843	.2521273	.6343363	65.47111
#1	10443.93	L-12.1495	857.6345	.3610219
#2	10549.28	L-12.1929	865.3629	.1325312

220-8369-D-15-A

Method: STL3 Sample Name: ~~Sample-34~~ Operator: NP
Run Time: 03/23/09 14:36:21
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0196025	12895.78	5.779256	381.9933	460.5627	.3422739	H214571.4
SDev	.0960644	80.17	.544622	2.0469	4.4107	.1227719	3317.6
%RSD	490.0605	.6216680	9.423732	.5358512	.9576714	35.86948	1.546148
#1	.0875303	12839.09	5.394150	380.5459	457.4439	.2554611	H212225.5
#2	-.048325	12952.47	6.164362	383.4406	463.6816	.4290867	H216917.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.875032	8.786606	20.34466	24.57563	22426.55	28809.63	59792.57
SDev	.506509	.097704	.05960	.05809	236.04	127.32	606.17
%RSD	57.88469	1.111963	.2929599	.2363881	1.052495	.4419426	1.013793
#1	-.516876	8.855693	20.38681	24.53455	22259.64	28719.60	59363.94
#2	-1.23319	8.717519	20.30252	24.61671	22593.45	28899.66	60221.20

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3559.662	3.026926	H203373.8	20.38821	26.70857	.5985461	-.491702
SDev	39.593	.042594	263.9	.37063	2.11624	1.168020	2.078774
%RSD	1.112282	1.407179	.1297855	1.817841	7.923465	195.1429	422.7711
#1	3531.665	3.057045	H203560.4	20.12614	28.20498	-.227369	-1.96162
#2	3587.658	2.996807	H203187.1	20.65028	25.21215	1.424461	.9782132

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.142517	30.66615	24.73209	-.031034	1.858494	31.38692	54.60791
SDev	1.016131	1.79009	2.27915	3.086092	2.673743	.12151	.75986
%RSD	32.33493	5.837342	9.215346	9944.308	143.8661	.3871349	1.391488
#1	3.861030	31.93193	26.34369	-2.21323	3.749116	31.30100	54.07060
#2	2.424004	29.40036	23.12049	2.151163	-.032127	31.47284	55.14521

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	26648.88	-4.69977	684.8866	146.4401
SDev	319.05	2.59602	4.1311	1.4100
%RSD	1.197247	55.23714	.6031767	.9628847
#1	26423.28	-6.53543	681.9655	145.4430
#2	26874.49	-2.86411	687.8077	147.4371

Method: STL3 Sample Name: 220-8397-C-2-A @10 Operator: NP
Run Time: 03/23/09 14:51:51
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1026267	16.68203	7.105264	5241.173	136.0794	-.398367	30683.29
SDev	.1619998	4.45823	.538580	51.914	1.2080	.097917	774.70
%RSD	157.8534	26.72471	7.580015	.9905034	.8877274	24.57953	2.524819
#1	-.011924	13.52959	7.486097	5204.464	135.2252	-.329129	30135.50
#2	.2171779	19.83448	6.724430	5277.882	136.9335	-.467604	31231.09

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.512254	1.125874	6.987913	-.474802	106.4954	69077.75	53554.97
SDev	.155926	.279105	.601667	.127566	10.1998	334.88	617.84
%RSD	30.43922	24.79010	8.610112	26.86722	9.577691	.4847811	1.153651
#1	-.622510	.9285170	6.562470	-.565005	99.28301	68840.95	53118.09
#2	-.401997	1.323232	7.413356	-.384599	113.7077	69314.54	53991.84

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.11629	-.858382	H131691.4	2.320707	.0756107	1.201734	-1.92909
SDev	.37154	.724102	450.3	.715896	.2149709	.411391	.51973
%RSD	1.540611	84.35660	.3419567	30.84819	284.3127	34.23312	26.94183
#1	23.85357	-1.37040	H131373.0	1.814492	-.076397	1.492632	-2.29660
#2	24.37901	-.346365	H132009.8	2.826922	.2276181	.9108369	-1.56158

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.008714	1.193908	-.483449	1.395743	.8121356	13.81124	6.103725
SDev	.143932	1.653504	1.147737	.163898	1.563693	.65990	.855270
%RSD	7.165383	138.4952	237.4061	11.74267	192.5409	4.777975	14.01226
#1	2.110490	2.363112	-1.29502	1.279850	1.917833	13.34462	5.498958
#2	1.906939	.0247034	.3281238	1.511636	-.293562	14.27786	6.708492

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2270.552	-5.67867	674.8980	5.532641
SDev	30.089	.79179	4.8723	.106335
%RSD	1.325168	13.94329	.7219344	1.921960
#1	2249.277	-5.11879	671.4528	5.457451
#2	2291.828	-6.23855	678.3433	5.607832

Method: STL3 Sample Name: 220-8397-C-3-A @10 Operator: NP
Run Time: 03/23/09 14:57:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4486125	19.18212	13.52563	2999.200	80.59940	-.458660	2565.845
SDev	.4028478	5.95787	.90355	20.868	.75384	.036778	34.563
%RSD	89.79861	31.05949	6.680294	.6957719	.9352880	8.018494	1.347053
#1	.1637561	23.39497	14.16453	2984.445	80.06635	-.484666	2541.405
#2	.7334689	14.96927	12.88672	3013.956	81.13244	-.432654	2590.285

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.459699	1.718411	1.251502	-.361851	3893.908	44268.91	23191.68
SDev	.167887	.309550	.289165	.127788	61.932	52.32	275.20
%RSD	36.52105	18.01372	23.10543	35.31492	1.590483	.1181939	1.186644
#1	-.578413	1.937295	1.047031	-.452211	3850.115	44305.90	22997.08
#2	-.340985	1.499526	1.455972	-.271492	3937.700	44231.91	23386.28

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.33084	.6927291	H110381.4	2.813868	-.275597	-1.37877	-2.21498
SDev	.14444	.0638914	168.8	1.280783	1.738603	.38397	1.55527
%RSD	1.083535	9.223140	.1529690	45.51680	630.8492	27.84855	70.21566
#1	13.22870	.7379072	H110262.0	3.719518	-1.50498	-1.65028	-3.31472
#2	13.43298	.6475511	H110500.8	1.908218	.9537809	-1.10727	-1.11525

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.847146	.2586860	-.543088	-2.10746	.0797759	.7691337	.6849499
SDev	1.022576	.1241158	2.668496	.55110	2.256916	.2273906	.3081832
%RSD	55.35979	47.97934	491.3559	26.15006	2829.068	29.56451	44.99353
#1	2.570216	.3464492	-2.43000	-1.71777	-1.51610	.9299231	.4670315
#2	1.124075	.1709228	1.343823	-2.49714	1.675656	.6083443	.9028683

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1415.198	-1.27750	241.3771	1.543767
SDev	12.597	1.67432	1.1006	.074060
%RSD	.8900909	131.0618	.4559863	4.797364
#1	1406.291	-.093581	240.5988	1.491398
#2	1424.105	-2.46143	242.1554	1.596135

Method: STL3 Sample Name: 220-8385-A-5-A Operator: NP
Run Time: 03/23/09 15:03:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1205434	50.73876	-4.15024	276.5795	146.7734	-.415140	H139469.4
SDev	.0450899	4.04352	2.11206	.7895	.5338	.024482	1856.9
%RSD	37.40557	7.969301	50.89004	.2854343	.3636781	5.897191	1.331416
#1	.0886600	47.87956	-2.65679	277.1378	146.3960	-.432451	H138156.3
#2	.1524268	53.59796	-5.64369	276.0213	147.1508	-.397829	H140782.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.480885	.2723839	4.865268	2.496014	197.1137	30033.05	30999.47
SDev	.163765	.5274320	.034155	.035097	7.1501	162.21	196.58
%RSD	34.05499	193.6355	.7020195	1.406123	3.627410	.5400885	.6341482
#1	-.596684	-.100567	4.841117	2.520831	192.0578	29918.35	30860.47
#2	-.365085	.6453347	4.889420	2.471196	202.1696	30147.75	31138.48

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	221.1580	45.29848	H167415.9	16.82435	1.678484	3.877317	.8333714
SDev	1.8058	.78799	1289.4	.70036	.557722	.869069	.4998844
%RSD	.8165253	1.739553	.7702028	4.162773	33.22775	22.41418	59.98339
#1	219.8811	44.74128	H166504.2	16.32912	2.072853	4.491841	1.186843
#2	222.4349	45.85567	H168327.7	17.31957	1.284114	3.262792	.4798997

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.771358	4.216352	.4104523	2.261985	7.111725	.5264533	8.099559
SDev	.069693	.109238	.7816282	1.657411	.710125	.0583783	.156272
%RSD	1.847960	2.590816	190.4309	73.27239	9.985269	11.08897	1.929390
#1	3.820638	4.293594	.9631469	3.433951	6.609591	.4851736	8.210060
#2	3.722077	4.139109	-.142242	1.090019	7.613859	.5677330	7.989058

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9279.275	-6.93003	650.4776	2.410981
SDev	66.078	3.22931	3.1464	.019885
%RSD	.7121018	46.59872	.4837089	.8247632
#1	9232.552	-4.64657	648.2527	2.425042
#2	9326.000	-9.21349	652.7024	2.396920

Method: STL3 Sample Name: 220-8385-A-6-A Operator: NP
Run Time: 03/23/09 15:09:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3052400	142.5489	-1.36997	124.8913	36.77033	-.422379	22235.96
SDev	.0948577	.1099	1.25857	.1347	.21070	.012229	74.11
%RSD	31.07644	.0770756	91.86839	.1078430	.5730288	2.895167	.3332928
#1	.3723146	142.4712	-2.25992	124.7961	36.62134	-.413733	22183.56
#2	.2381655	142.6266	-.480028	124.9866	36.91932	-.431026	22288.37

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.648781	.6858355	1.398661	2.685587	8561.529	7652.558	8241.386
SDev	.130901	.5567548	.139674	.116132	39.009	24.418	49.337
%RSD	20.17639	81.17905	9.986280	4.324273	.4556307	.3190825	.5986526
#1	-.741341	1.079521	1.497426	2.603469	8533.946	7635.292	8206.499
#2	-.556220	.2921504	1.299897	2.767705	8589.113	7669.824	8276.272

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	511.3268	.9336785	H115388.8	2.123993	.7602344	1.372090	.1479421
SDev	2.4662	.0638912	267.5	.069753	1.351392	.492358	2.029888
%RSD	.4823136	6.842956	.2317930	3.284044	177.7599	35.88378	1372.083
#1	509.5829	.9788564	H115199.7	2.074670	1.715813	1.720240	-1.28741
#2	513.0707	.8885006	H115577.9	2.173316	-.195344	1.023941	1.583290

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4588685	3.774324	-.745350	1.254196	1.607132	2.054069	33.89104
SDev	2.016576	3.139284	.458786	.470143	.536996	.176872	.08005
%RSD	439.4671	83.17474	61.55306	37.48560	33.41330	8.610794	.2362081
#1	-.967066	5.994133	-.420940	1.586637	1.986846	2.179136	33.94765
#2	1.884803	1.554515	-1.06976	.9217547	1.227419	1.929001	33.83444

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	17001.90	L-10.5462	87.69749	9.248419
SDev	88.74	.8538	.28095	.001229
%RSD	.5219529	8.096108	.3203629	.0132924
#1	16939.15	L-11.1500	87.49882	9.249288
#2	17064.65	-9.94247	87.89615	9.247549

Method: STL3 Sample Name: 220-8385-A-7-A Operator: NP
Run Time: 03/23/09 15:14:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2816531	284.5703	-2.69130	466.4067	88.82024	-.332754	H119797.5
SDev	.0070712	1.5990	.13611	2.7969	.44950	.036631	1765.1
%RSD	2.510616	.5619135	5.057296	.5996745	.5060782	11.00836	1.473434
#1	.2766530	283.4396	-2.59506	464.4289	88.50240	-.306852	H118549.4
#2	.2866532	285.7010	-2.78755	468.3844	89.13808	-.358656	H121045.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.203082	2.251645	2.686301	17.40344	675.4589	17887.62	62949.21
SDev	.124041	.553384	.423495	.02350	6.0439	19.19	457.08
%RSD	61.07901	24.57690	15.76498	.1350138	.8947905	.1072651	.7261152
#1	-.115372	1.860343	2.386845	17.38682	671.1851	17874.06	62626.00
#2	-.290792	2.642946	2.985758	17.42005	679.7325	17901.19	63272.41

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1998.375	.7830851	98712.35	26.81368	2.757092	-.858160	.3677453
SDev	13.260	.7028047	381.83	1.72447	.448077	3.062334	.4074977
%RSD	.6635250	89.74820	.3868073	6.431309	16.25179	356.8487	110.8097
#1	1988.999	1.280043	98442.36	25.59430	2.440254	1.307237	.0796010
#2	2007.751	.2861271	98982.34	28.03307	3.073930	-3.02356	.6558898

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7807063	3.127419	2.571406	-.320281	-1.93653	.1904626	15.72906
SDev	.5088505	.646237	.349145	4.728560	.27512	.0577355	.00054
%RSD	65.17821	20.66360	13.57799	1476.377	14.20705	30.31328	.0034384
#1	1.140518	2.670460	2.324523	3.023316	-2.13107	.2312878	15.72945
#2	.4208947	3.584378	2.818290	-3.66388	-1.74199	.1496375	15.72868

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	16953.45	L-20.5991	790.8340	21.62789
SDev	124.15	3.1691	2.2803	.44139
%RSD	.7322732	15.38484	.2883432	2.040856
#1	16865.67	L-22.8400	789.2216	21.31578
#2	17041.23	L-18.3582	792.4464	21.94000

Method: STL3 Sample Name: 220-8385-A-8-A Operator: NP
Run Time: 03/23/09 15:20:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1786204	167.7673	-3.91405	234.1232	90.49222	-.336299	H145564.1
SDev	.2247958	1.5839	.90552	1.8714	.72575	.036659	1611.6
%RSD	125.8512	.9440998	23.13508	.7993370	.8019980	10.90057	1.107138
#1	.0196657	166.6473	-4.55435	232.7999	89.97904	-.362221	H144424.5
#2	.3375750	168.8873	-3.27375	235.4465	91.00540	-.310378	H146703.7

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.090089	.8049824	4.585282	5.350668	362.2124	21227.37	47803.98
SDev	.035142	.0899021	.344140	.081791	4.1331	78.49	358.90
%RSD	39.00839	11.16821	7.505321	1.528604	1.141084	.3697401	.7507646
#1	-.065240	.7414120	4.341938	5.292834	359.2898	21171.87	47550.20
#2	-.114939	.8685527	4.828626	5.408503	365.1350	21282.87	48057.76

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1206.694	12.81549	H165389.6	22.40552	1.036987	1.972074	1.474497
SDev	9.225	1.10745	430.4	1.00590	.481892	.190975	.165056
%RSD	.7644938	8.641493	.2602516	4.489508	46.47039	9.683975	11.19409
#1	1200.171	13.59858	H165085.2	21.69424	.6962376	2.107114	1.357785
#2	1213.217	12.03241	H165694.0	23.11679	1.377735	1.837035	1.591210

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1754079	.9621836	1.073732	1.151802	3.613984	5.220906	7.734305
SDev	2.161901	2.097919	1.769863	.182393	.938692	.791304	.233468
%RSD	1232.499	218.0373	164.8328	15.83548	25.97388	15.15644	3.018602
#1	-1.35329	2.445636	-.177750	1.022830	4.277739	4.661370	7.899392
#2	1.704103	-.521269	2.325214	1.280773	2.950228	5.780442	7.569218

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11917.80	L-17.5403	1055.278	8.399797
SDev	104.89	.8834	4.539	.001504
%RSD	.8801527	5.036624	.4301693	.0179108
#1	11843.63	L-16.9156	1052.069	8.400861
#2	11991.98	L-18.1650	1058.488	8.398733

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 03/23/09 15:26:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.11149	4880.112	523.2636	497.9099	497.2239	509.8767	19206.33
SDev	.61099	23.440	8.1250	4.6183	1.9899	4.6662	219.11
%RSD	1.129137	.4803205	1.552762	.9275354	.4002113	.9151618	1.140847
#1	53.67945	4863.537	517.5182	494.6443	495.8167	506.5772	19051.39
#2	54.54353	4896.686	529.0088	501.1756	498.6309	513.1762	19361.27

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.7144	527.0376	526.9264	491.6280	5148.480	18699.13	18570.48
SDev	4.2144	3.9598	6.3511	2.3561	65.734	40.11	118.45
%RSD	.8124732	.7513361	1.205311	.4792361	1.276772	.2145261	.6378256
#1	515.7343	524.2376	522.4355	489.9620	5101.999	18670.76	18486.73
#2	521.6944	529.8377	531.4173	493.2940	5194.961	18727.49	18654.24

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	529.4457	519.9536	20777.37	508.0535	511.5079	503.2330	492.1538
SDev	4.3343	5.3669	72.93	5.0301	6.8411	4.2182	5.1770
%RSD	.8186503	1.032183	.3510271	.9900702	1.337442	.8382141	1.051902
#1	526.3809	516.1587	20725.80	504.4967	506.6705	500.2503	488.4931
#2	532.5106	523.7486	20828.94	511.6103	516.3453	506.2157	495.8144

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.5359	506.6194	513.9476	500.9891	507.7264	512.2792	527.6301
SDev	4.3369	4.1594	8.1802	2.3940	7.8721	4.3208	6.7670
%RSD	.8595818	.8210084	1.591648	.4778537	1.550454	.8434549	1.282530
#1	501.4692	503.6783	508.1633	499.2963	502.1600	509.2239	522.8451
#2	507.6025	509.5605	519.7319	502.6819	513.2928	515.3345	532.4152

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	558.3544	503.0413	513.3985	509.1561
SDev	6.4622	5.3071	2.0139	3.9175
%RSD	1.157363	1.054998	.3922598	.7694119
#1	562.9239	499.2887	511.9745	506.3860
#2	553.7850	506.7940	514.8225	511.9262

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 03/23/09 15:32:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2336360	6.390320	-5.57213	2.076466	-.019865	-.380991	2.500824
SDev	.0674727	1.915928	1.98056	.551619	.014047	.024564	.160760
%RSD	28.87939	29.98173	35.54408	26.56527	70.71068	6.447365	6.428263
#1	.2813464	7.745086	-6.97260	2.466520	-.009933	-.363622	2.614498
#2	.1859256	5.035554	-4.17166	1.686413	-.029798	-.398361	2.387150

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.435830	-.391188	-.302593	-.953150	3.540152	-2.46659	2.357726
SDev	.123596	.159659	.173610	.173297	3.582308	1.74411	2.144628
%RSD	28.35865	40.81401	57.37414	18.18146	101.1908	70.70966	90.96172
#1	-.523226	-.278292	-.425354	-.830611	6.073226	-3.69986	3.874207
#2	-.348435	-.504084	-.179832	-1.07569	1.007078	-1.23331	.8412448

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.160492	1.505933	32.15032	.4996291	-.189286	.4875017	6.699807
SDev	.030941	2.491762	.61137	.3649295	.286256	1.167135	3.072846
%RSD	19.27876	165.4630	1.901584	73.04007	151.2295	239.4115	45.86469
#1	-.138614	3.267875	31.71802	.2415850	.0131277	1.312791	8.872637
#2	-.182370	-.256009	32.58262	.7576733	-.391700	-.337788	4.526977

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.311230	-.888598	.1591963	-.332616	2.129099	.3528899	-.495985
SDev	.964092	.721923	.0686786	.409416	4.325114	.1746371	.076416
%RSD	41.71337	81.24288	43.14084	123.0898	203.1430	49.48772	15.40693
#1	1.629514	-.378122	.2077595	-.622117	5.187416	.2294027	-.441951
#2	2.992946	-1.39907	.1106332	-.043115	-.929219	.4763770	-.550019

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.29592	5.342965	.0375838	.2144082
SDev	2.36577	3.412574	.0040909	.2365698
%RSD	71.77866	63.87042	10.88479	110.3362
#1	-1.62307	7.756019	.0404765	.3816883
#2	-4.96878	2.929911	.0346911	.0471281

Method: STL3 Sample Name: 220-8385-A-9-A Operator: NP
Run Time: 03/23/09 15:37:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1280378	572.5917	-2.38517	171.8974	156.9443	-.309440	H201285.5
SDev	.3248067	5.3029	.78695	1.2330	.5431	.110227	3733.5
%RSD	253.6804	.9261246	32.99340	.7173150	.3460700	35.62131	1.854807
#1	-.101635	568.8420	-1.82871	171.0255	156.5603	-.387382	H198645.6
#2	.3577108	576.3414	-2.94162	172.7693	157.3284	-.231498	H203925.5

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.534546	1.596441	21.25821	14.27403	5437.738	17647.13	23148.91
SDev	.140871	.370901	.77495	.17405	78.457	150.00	196.10
%RSD	26.35332	23.23302	3.645392	1.219363	1.442832	.8499761	.8471326
#1	-.634157	1.334174	20.71024	14.15096	5382.260	17541.07	23010.25
#2	-.434935	1.858707	21.80618	14.39711	5493.216	17753.19	23287.58

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	122.5312	2.545027	98462.69	7.213748	2.146623	1.138959	1.181116
SDev	1.1971	.766696	899.61	1.542752	.047243	.843220	.683364
%RSD	.9769627	30.12526	.9136568	21.38628	2.200794	74.03432	57.85751
#1	121.6847	2.002891	97826.57	6.122857	2.180029	1.735205	.6979042
#2	123.3776	3.087163	99098.81	8.304638	2.113217	.5427119	1.664327

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.088275	7.440348	-.497071	1.782042	-.150239	4.982292	7.475182
SDev	2.624486	2.720721	1.287492	2.923790	3.324309	1.035741	.852089
%RSD	125.6772	36.56712	259.0158	164.0697	2212.675	20.78844	11.39891
#1	.2324841	9.364188	-1.40747	3.849474	-2.50088	4.249913	6.872664
#2	3.944067	5.516508	.4133235	-.285390	2.200402	5.714671	8.077701

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	36711.16	L-15.9897	1480.577	49.77828
SDev	468.67	2.0695	10.378	.50625
%RSD	1.276644	12.94297	.7009630	1.017000
#1	36379.76	L-14.5263	1473.238	49.42031
#2	37042.56	L-17.4531	1487.915	50.13625

Method: STL3 Sample Name: 220-8385-A-10-A Operator: NP
Run Time: 03/23/09 15:43:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.107650	859.8498	-3.09861	446.0134	233.5244	-.278813	H168034.8
SDev	.036862	.1115	1.99234	.7922	.1779	.024553	769.7
%RSD	34.24268	.0129698	64.29795	.1776165	.0761985	8.806416	.4580711
#1	-.133715	859.7710	-1.68981	446.5736	233.3985	-.296175	H167490.5
#2	-.081584	859.9287	-4.50741	445.4533	233.6502	-.261451	H168579.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.515659	4.048543	1.006410	3.851916	4702.430	23078.53	85877.31
SDev	.152292	.400810	.210326	.000107	37.564	80.23	143.61
%RSD	29.53340	9.900112	20.89864	.0027661	.7988213	.3476467	.1672322
#1	-.407973	3.765127	.8576868	3.851840	4675.868	23021.80	85775.76
#2	-.623346	4.331959	1.155132	3.851991	4728.992	23135.27	85978.86

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6475.581	.9637971	H195030.9	12.24356	2.345479	-2.81289	-.880252
SDev	27.634	.2342682	12.6	.36358	.098864	.28430	1.395303
%RSD	.4267384	24.30679	.0064751	2.969580	4.215089	10.10719	158.5118
#1	6456.041	1.129450	H195039.9	12.50065	2.275572	-2.61186	.1063765
#2	6495.121	.7981445	H195022.0	11.98647	2.415386	-3.01392	-1.86688

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.868831	4.509315	1.264284	-3.29877	-1.84088	2.470811	9.924665
SDev	.935854	.282558	.007155	.13785	1.12987	.253951	.315281
%RSD	15.94617	6.266101	.5659212	4.178710	61.37677	10.27804	3.176738
#1	6.530580	4.309516	1.259224	-3.39624	-1.04194	2.650381	10.14760
#2	5.207083	4.709114	1.269343	-3.20129	-2.63982	2.291240	9.701729

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	18396.31	L-10.7469	620.4491	68.89899
SDev	3.99	2.1012	1.2899	.15718
%RSD	.0216961	19.55201	.2078937	.2281351
#1	18393.49	-9.26111	619.5370	68.78785
#2	18399.13	L-12.2327	621.3611	69.01014

Method: STL3 Sample Name: 220-8785-A-11-A Operator: NP
Run Time: 03/23/09 15:51:00
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.751173	392.0394	-4.84088	364.6609	144.7836	-.244846	H166766.7
SDev	.179898	1.6136	.77664	2.6907	.6696	.012161	1840.0
%RSD	23.94895	.4116036	16.04326	.7378542	.4624550	4.966764	1.103366
#1	-.878380	393.1804	-5.39005	362.7583	144.3101	-.253445	H165465.5
#2	-.623966	390.8984	-4.29172	366.5635	145.2570	-.236247	H168067.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.96012	47.34162	-3.48344	9.133089	82052.62	22365.69	42113.88
SDev	.01222	.46397	.23636	.151019	90.61	10.47	258.40
%RSD	.6234590	.9800440	6.785183	1.653539	.1104348	.0467937	.6135628
#1	-1.95148	47.01354	-3.65057	9.026302	81988.55	22358.29	41931.16
#2	-1.96876	47.66969	-3.31631	9.239876	82116.70	22373.10	42296.59

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18589.52	.9487379	64320.07	55.43447	2.323572	-.712921	1.441440
SDev	54.09	.1277828	151.66	1.08822	.622756	1.140618	1.300610
%RSD	.2909752	13.46871	.2357948	1.963078	26.80167	159.9922	90.22991
#1	18551.27	.8583818	64212.82	54.66498	1.883217	-1.51946	2.361110
#2	18627.77	1.039094	64427.31	56.20396	2.763927	.0936177	.5217698

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.192230	3.983080	1.494212	-1.29798	.4579449	2.165195	6.775972
SDev	4.390059	1.838899	1.851668	.46069	2.502509	.878371	.397878
%RSD	47.75837	46.16776	123.9227	35.49321	546.4650	40.56774	5.871891
#1	12.29647	5.283378	.1848855	-1.62373	-1.31160	1.544093	7.057314
#2	6.087990	2.682782	2.803539	-.972216	2.227486	2.786297	6.494630

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	17918.91	L-12.6948	897.6090	28.20671
SDev	106.46	.3942	.3463	.01203
%RSD	.5941111	3.105487	.0385806	.0426652
#1	17843.63	L-12.4160	897.3641	28.19820
#2	17994.19	L-12.9735	897.8539	28.21522

Method: STL3 Sample Name: 220-8385-A-13-A Operator: NP
Run Time: 03/23/09 15:56:45
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3696493	743.8649	1.719047	39.20447	7.439485	-.254453	4521.376
SDev	.0783481	4.3572	1.478443	.06044	.018729	.012221	42.762
%RSD	21.19525	.5857493	86.00359	.1541608	.2517519	4.802886	.9457665
#1	.3142488	740.7839	.6736306	39.16173	7.426242	-.263094	4491.139
#2	.4250498	746.9459	2.764464	39.24720	7.452729	-.245811	4551.613

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.622374	-.367766	3.899334	7.917211	2168.362	1720.438	1173.855
SDev	.050524	.031029	.277733	.011611	11.887	3.488	1.668
%RSD	8.117912	8.437149	7.122573	.1466503	.5482029	.2027576	.1421019
#1	-.658100	-.345825	3.702947	7.909000	2176.767	1717.971	1172.676
#2	-.586648	-.389706	4.095720	7.925420	2159.956	1722.905	1175.035

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	85.05758	6.008674	H168920.6	2.503971	2.735020	1.527309	2.322609
SDev	.04131	.042594	238.2	.574068	1.146521	.579617	.187451
%RSD	.0485710	.7088742	.1410038	22.92632	41.92004	37.95019	8.070727
#1	85.02837	5.978556	H169089.0	2.909898	3.545733	1.937159	2.455158
#2	85.08679	6.038793	H168752.2	2.098043	1.924307	1.117458	2.190061

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.280194	6.087620	1.060383	2.161337	.2562481	20.74665	10.91683
SDev	3.338233	4.986144	.770341	.941509	.1453960	.42720	.38824
%RSD	77.99255	81.90630	72.64738	43.56141	56.74033	2.059111	3.556312
#1	1.919707	9.613357	.5156702	2.827084	.1534376	20.44457	11.19135
#2	6.640682	2.561884	1.605097	1.495589	.3590586	21.04872	10.64231

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	40473.18	-4.67832	13.40779	69.81520
SDev	686.22	.21312	.01548	.07763
%RSD	1.695492	4.555426	.1154530	.1111952
#1	39987.94	-4.82902	13.39685	69.76031
#2	40958.41	-4.52762	13.41874	69.87009

Method: STL3 Sample Name: 220-8385-A-14-A Operator: NP
Run Time: 03/23/09 16:02:30
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3936578	144.6093	-4.82252	93.17293	43.74961	-.301080	39433.56
SDev	.0226312	1.2760	2.46590	1.39984	.25753	.012273	329.24
%RSD	5.748951	.8823471	51.13299	1.502407	.5886362	4.076310	.8349120
#1	.3776551	145.5115	-3.07887	92.18310	43.56751	-.309758	39200.76
#2	.4096605	143.7071	-6.56618	94.16277	43.93171	-.292402	39666.37

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.327464	-.140966	4.122167	12.39265	370.1404	7857.284	27308.09
SDev	.170802	.001661	.162401	.32497	3.5919	24.418	169.66
%RSD	52.15907	1.178305	3.939706	2.622257	.9704209	.3107642	.6212712
#1	-.448239	-.142140	4.237002	12.16286	372.6803	7840.018	27188.12
#2	-.206688	-.139791	4.007332	12.62243	367.6006	7874.550	27428.06

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	151.9358	2.966689	45153.02	2.481513	.4471572	.2083588	.9478281
SDev	1.3002	.766696	261.55	.085380	.5318727	.2654006	.5405846
%RSD	.8557349	25.84349	.5792512	3.440633	118.9453	127.3767	57.03404
#1	151.0164	2.424553	44968.07	2.541885	.8232480	.0206922	.5655770
#2	152.8552	3.508825	45337.96	2.421140	.0710665	.3960253	1.330079

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.162338	2.132620	-.395110	.0023028	.6199888	.4327069	32.19109
SDev	4.602975	1.716721	1.654484	.3073835	1.412831	.1424604	.31142
%RSD	2835.425	80.49820	418.7396	13348.19	227.8801	32.92308	.9674065
#1	-3.41713	.9187152	.7747863	.2196557	-.379033	.5334417	32.41130
#2	3.092457	3.346525	-1.56501	-.215050	1.619011	.3319722	31.97088

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11567.18	L-12.0677	342.1456	8.850571
SDev	70.32	1.7975	1.2992	.055690
%RSD	.6079373	14.89523	.3797078	.6292304
#1	11616.91	L-10.7967	341.2269	8.811192
#2	11517.46	L-13.3388	343.0642	8.889950

Method: STL3 Sample Name: 220-8385-A-16-A Operator: NP
Run Time: 03/23/09 16:08:15
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3152983	11.81102	-6.77058	188.8258	64.59142	-.398306	H157627.2
SDev	.0280026	.20251	.76513	.4514	.68361	.024427	2780.3
%RSD	8.881298	1.714556	11.30084	.2390299	1.058356	6.132646	1.763867
#1	.2954974	11.66782	-6.22955	188.5067	64.10804	-.381033	H155661.2
#2	.3350991	11.95421	-7.31161	189.1450	65.07481	-.415578	H159593.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.609720	-.242286	138.6310	1.182573	26.91381	14168.02	7580.533
SDev	.029916	.896397	2.7418	.127832	4.62593	88.95	94.355
%RSD	4.906442	369.9742	1.977798	10.80967	17.18793	.6278253	1.244700
#1	-.630873	-.876135	136.6922	1.272964	23.64278	14105.13	7513.814
#2	-.588566	.3915620	140.5698	1.092182	30.18483	14230.92	7647.252

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9339917	.7981445	13963.53	.4369099	.0935061	-.392199	-.728634
SDev	.0516417	.3407540	65.12	.1517901	.1918755	2.653973	.140502
%RSD	5.529143	42.69327	.4663732	34.74175	205.2011	676.6896	19.28291
#1	.8974754	.5571951	13917.49	.5442418	.2291826	-2.26884	-.629284
#2	.9705079	1.039094	14009.58	.3295781	-.042170	1.484443	-.827984

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7723136	.9432830	-.331345	-.976907	.7778698	.3982985	1.676389
SDev	.8925335	.2120097	.181824	3.335041	1.289650	.5304775	.468958
%RSD	115.5662	22.47572	54.87437	341.3879	165.7925	133.1859	27.97430
#1	.1411971	1.093196	-.202776	-3.33514	-.134050	.0231942	1.344785
#2	1.403430	.7933695	-.459914	1.381323	1.689790	.7734027	2.007992

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5376.885	L-17.0831	1034.838	.5522847
SDev	61.874	4.2346	7.598	.0892730
%RSD	1.150745	24.78846	.7342163	16.16430
#1	5333.133	L-14.0887	1029.465	.4891592
#2	5420.636	L-20.0774	1040.210	.6154102

Method: STL3 Sample Name: 220-8385-A-17-A Operator: NP
Run Time: 03/23/09 16:22:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1797253	40.27061	-5.56665	247.1112	86.39339	-.319481	H538312.8
SDev	.2018169	1.26724	3.47209	3.6829	1.03478	.110169	14122.7
%RSD	112.2919	3.146818	62.37294	1.490381	1.197749	34.48383	2.623519
#1	.0370192	39.37454	-3.11152	244.5070	85.66169	-.397383	H528326.4
#2	.3224314	41.16669	-8.02179	249.7154	87.12508	-.241580	H548299.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.096178	-.823067	285.3949	1.659138	98.38675	27777.37	21962.13
SDev	.168770	.304781	7.2870	.011279	2.99163	247.67	317.16
%RSD	175.4756	37.02996	2.553301	.6798009	3.040679	.8916141	1.444132
#1	.0231597	-1.03858	280.2422	1.667113	96.27135	27602.24	21737.87
#2	-.215516	-.607554	290.5476	1.651162	100.5021	27952.49	22186.40

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	229.7679	.1957710	19020.25	.6049269	.7103441	1.791444	2.252588
SDev	3.7458	.5537251	189.32	.2027994	1.470519	1.424122	1.875367
%RSD	1.630254	282.8433	.9953653	33.52462	207.0151	79.49575	83.25387
#1	227.1192	.5873138	18886.38	.7483277	1.750158	.7844379	3.578673
#2	232.4166	-.195772	19154.12	.4615260	-.329470	2.798451	.9265038

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.015179	4.532446	-1.19859	1.846053	1.680962	.3371526	1.797916
SDev	2.819713	1.149888	1.63067	3.580002	2.893969	.5963795	.162440
%RSD	277.7552	25.37014	136.0484	193.9273	172.1615	176.8871	9.034889
#1	-.978659	5.345540	-.045537	-.685390	3.727307	-.084551	1.683053
#2	3.009017	3.719353	-2.35165	4.377496	-.365383	.7588566	1.912778

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	12983.02	L-66.9512	4257.296	4.100420
SDev	234.14	2.7419	34.451	.066663
%RSD	1.803411	4.095373	.8092327	1.625764
#1	12817.46	L-65.0124	4232.935	4.053282
#2	13148.58	L-68.8900	4281.657	4.147558

Method: STL3 Sample Name: 220-8385-A-18-A Operator: NP
Run Time: 03/23/09 16:27:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1327477	970.1534	.0924335	381.4287	77.81496	-.206923	H127040.9
SDev	.0165519	4.4639	.9022546	5.3683	.51505	.024395	1571.7
%RSD	12.46873	.4601201	976.1120	1.407430	.6618933	11.78922	1.237190
#1	.1210437	966.9969	-.545557	377.6327	77.45077	-.189673	H125929.6
#2	.1444517	973.3098	.7304239	385.2247	78.17916	-.224172	H128152.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.572239	1.680724	1.079287	9.404108	13964.04	28751.66	62947.04
SDev	.181100	.305817	.235421	.162926	127.94	111.62	596.21
%RSD	31.64766	18.19558	21.81265	1.732501	.9162355	.3882281	.9471654
#1	-.700296	1.464478	1.245756	9.288902	13873.57	28672.74	62525.45
#2	-.444181	1.896969	.9128196	9.519315	14054.51	28830.59	63368.62

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5897.520	.3614238	H206915.0	.7070188	2.241373	-.185642	-1.11664
SDev	46.332	.7453992	441.9	.1891655	1.540570	.344967	1.27360
%RSD	.7856137	206.2397	.2135434	26.75537	68.73330	185.8234	114.0559
#1	5864.758	.8885006	H207227.5	.5732586	1.152026	-.429571	-.216074
#2	5930.281	-.165653	H206602.6	.8407791	3.330721	.0582861	-2.01721

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.336235	5.116872	.8049803	1.162840	-2.88766	1.748358	21.22224
SDev	2.603043	1.038785	2.828314	1.629483	2.22792	.467065	.06704
%RSD	78.02335	20.30117	351.3519	140.1295	77.15322	26.71447	.3158749
#1	5.176865	5.851404	-1.19494	.0106220	-1.31228	1.418094	21.17484
#2	1.495606	4.382340	2.804900	2.315059	-4.46304	2.078623	21.26965

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	23430.08	L-22.4834	417.0317	79.96295
SDev	208.90	2.4101	2.0019	.62631
%RSD	.8916081	10.71962	.4800305	.7832488
#1	23282.36	L-24.1876	415.6162	79.52009
#2	23577.80	L-20.7792	418.4473	80.40582

Method: STL3 Sample Name: 220-8385-A-19-A Operator: NP
Run Time: 03/23/09 16:33:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0114040	129.9205	-4.95512	232.5741	128.7193	-.283644	H361172.4
SDev	.0313149	.3133	.33935	1.3988	.7445	.061272	3961.9
%RSD	274.5959	.2411539	6.848371	.6014545	.5783762	21.60165	1.096955
#1	-.010739	130.1420	-5.19508	231.5850	128.1929	-.326969	H358370.9
#2	.0335469	129.6989	-4.71517	233.5633	129.2458	-.240318	H363973.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.304564	5.863079	8.634835	2.414705	1942.589	23045.24	40538.40
SDev	.035065	.123974	.464856	.034697	4.692	99.42	229.39
%RSD	11.51310	2.114488	5.383497	1.436910	.2415115	.4313957	.5658582
#1	-.279769	5.775416	8.306132	2.390170	1939.271	22974.94	40376.19
#2	-.329358	5.950742	8.963538	2.439239	1945.906	23115.53	40700.60

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6164.521	.4517798	21661.04	20.12761	2.243983	-.524063	1.125339
SDev	27.644	.2768624	176.44	.30519	2.365654	1.416032	1.391708
%RSD	.4484395	61.28260	.8145295	1.516271	105.4221	270.2024	123.6701
#1	6144.974	.2560085	21536.28	20.34341	3.916753	.4772223	.1412526
#2	6184.069	.6475511	21785.80	19.91181	.5712135	-1.52535	2.109424

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.33841	3.916676	1.408291	.1232227	-1.82168	1.058550	16.28154
SDev	3.21142	2.815095	2.141270	1.827111	.59278	.348474	.30861
%RSD	239.9426	71.87460	152.0474	1482.772	32.54034	32.91997	1.895447
#1	-3.60922	5.907248	2.922397	1.415185	-1.40252	1.304958	16.06333
#2	.9324040	1.926103	-.105815	-1.16874	-2.24084	.8121412	16.49976

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	18225.29	L-36.2280	2883.852	9.635740
SDev	108.17	1.7060	5.612	.030365
%RSD	.5935278	4.709005	.1945998	.3151249
#1	18148.80	L-35.0217	2879.883	9.614269
#2	18301.78	L-37.4343	2887.820	9.657211

Method: STL3 Sample Name: 220-8369-D-1-A @5 Operator: NP
Run Time: 03/23/09 16:39:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5214813	38.38455	-2.44278	32.53867	47.27898	-.302914	21722.61
SDev	.1344208	4.58506	.23140	.07943	.17325	.036692	54.82
%RSD	25.77673	11.94507	9.472970	.2441105	.3664331	12.11309	.2523579
#1	.6165312	41.62668	-2.60640	32.59483	47.15647	-.276969	21683.85
#2	.4264314	35.14243	-2.27915	32.48250	47.40148	-.328860	21761.38

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.556458	-.160854	.2634590	-.074247	39.67793	4009.422	4589.292
SDev	.022726	.430446	.0347794	.069965	2.73255	13.953	11.199
%RSD	4.083978	267.5994	13.20107	94.23324	6.886834	.3480035	.2440263
#1	-.540389	-.465225	.2388662	-.123720	37.74573	3999.556	4581.373
#2	-.572527	.1435165	.2880517	-.024774	41.61014	4019.289	4597.211

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.58132	1.114391	44385.20	1.097074	1.180714	-1.90225	.1136999
SDev	.04131	.617616	121.46	.033559	2.367487	1.74603	.8989530
%RSD	.1554225	55.42188	.2736422	3.058988	200.5130	91.78758	790.6367
#1	26.55211	1.551111	44299.32	1.120804	2.854780	-.667621	.7493556
#2	26.61053	.6776699	44471.09	1.073344	-.493351	-3.13688	-.521956

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.809822	-.257735	1.898261	-3.62358	1.544577	.4723672	1.974177
SDev	2.006751	2.407815	2.347352	2.02534	1.186567	.4200016	.000239
%RSD	247.8015	934.2210	123.6580	55.89336	76.82151	88.91423	.0120836
#1	-2.22881	1.444848	3.558090	-2.19145	2.383606	.1753812	1.974008
#2	.6091654	-1.96032	.2384326	-5.05571	.7055470	.7693532	1.974346

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2545.852	-4.52217	160.7950	.8913751
SDev	1.254	2.68053	.0339	.3808970
%RSD	.0492570	59.27531	.0210833	42.73139
#1	2544.965	-2.62675	160.8190	.6220403
#2	2546.738	-6.41758	160.7711	1.160710

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 03/23/09 16:45:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	54.79372	4939.169	529.2964	503.3515	504.4216	520.4243	19582.25
SDev	.19688	33.339	7.0420	7.6143	3.6849	7.0662	249.50
%RSD	.3593169	.6749848	1.330450	1.512721	.7305208	1.357783	1.274097
#1	54.65451	4915.595	524.3170	497.9674	501.8160	515.4277	19405.83
#2	54.93294	4962.743	534.2759	508.7356	507.0272	525.4209	19758.67

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	530.7407	533.7056	534.8614	498.1064	5242.324	18818.75	18854.94
SDev	3.0996	5.1686	6.0272	2.1583	46.031	118.60	170.87
%RSD	.5840204	.9684372	1.126863	.4333068	.8780647	.6302328	.9062191
#1	528.5489	530.0508	530.5996	496.5802	5209.775	18734.89	18734.12
#2	532.9325	537.3604	539.1233	499.6326	5274.873	18902.62	18975.77

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	539.5450	526.7906	21025.72	520.0643	518.0337	503.2393	502.0749
SDev	4.3756	6.2188	130.83	7.2125	6.7469	4.0268	5.8168
%RSD	.8109817	1.180503	.6222508	1.386847	1.302407	.8001771	1.158543
#1	536.4510	522.3932	20933.21	514.9644	513.2629	500.3919	497.9619
#2	542.6390	531.1879	21118.23	525.1644	522.8044	506.0867	506.1880

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.6291	518.1997	517.9499	498.9486	511.8326	522.0013	541.3234
SDev	.1945	3.0626	8.5863	1.9227	8.2414	4.4306	7.9340
%RSD	.0380974	.5910003	1.657746	.3853428	1.610182	.8487626	1.465663
#1	510.7667	516.0341	511.8785	497.5890	506.0050	518.8685	535.7133
#2	510.4916	520.3652	524.0214	500.3081	517.6602	525.1342	546.9336

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	582.8488	517.9380	518.3528	516.4488
SDev	5.1973	8.8706	2.4309	3.4031
%RSD	.8917071	1.712684	.4689570	.6589469
#1	586.5239	511.6655	516.6340	514.0425
#2	579.1738	524.2105	520.0717	518.8552

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 03/23/09 16:51:20
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2812360	-11.1487	-5.85823	2.940735	.0331085	-.086543	6.706756
SDev	.1677667	7.5502	2.95782	.038523	.0140468	.048899	.964554
%RSD	59.65335	67.72275	50.49003	1.309964	42.42640	56.50250	14.38182
#1	.1626070	-16.4874	-3.76674	2.913495	.0231760	-.121120	6.024713
#2	.3998650	-5.80988	-7.94973	2.967974	.0430411	-.051966	7.388798

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.252338	-.324087	-.024523	-.780979	-.177712	41.93181	3.369321
SDev	.053957	.373185	.196813	.022739	9.970090	5.23244	3.573919
%RSD	21.38264	115.1496	802.5826	2.911547	5610.245	12.47845	106.0724
#1	-.290491	-.060205	-.163691	-.764900	-7.22763	38.23192	.8421783
#2	-.214185	-.587969	.1146456	-.797057	6.872206	45.63170	5.896463

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.051059	2.273959	36.23315	.5873780	-.150020	-.445937	4.596214
SDev	.020589	.979667	2.17374	.3983203	.151582	6.353844	.100719
%RSD	40.32372	43.08201	5.999309	67.81329	101.0414	1424.829	2.191350
#1	-.036501	2.966689	34.69609	.3057230	-.257204	4.046909	4.667434
#2	-.065618	1.581230	37.77022	.8690330	-.042835	-4.93878	4.524995

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.101650	-2.35802	.9517741	-2.86453	4.397307	.1835641	-.550243
SDev	.597342	.29932	.3766255	8.36737	2.320737	.5416483	.310968
%RSD	54.22253	12.69382	39.57090	292.1030	52.77632	295.0731	56.51475
#1	.6792650	-2.14636	.6854597	3.052099	6.038316	-.199439	-.770130
#2	1.524035	-2.56967	1.218089	-8.78116	2.756298	.5665673	-.330355

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10.31301	4.352010	.0548660	.2926714
SDev	1.23477	5.179225	.0040740	.1331773
%RSD	11.97294	119.0076	7.425409	45.50403
#1	9.439893	8.014275	.0519853	.3868419
#2	11.18612	.6897448	.0577468	.1985008

Method: STL3 Sample Name: 220-8369-D-3-A @10 Operator: NP
Run Time: 03/23/09 16:57:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2810770	L-15.0715	-5.88130	2.911673	12.26671	-.147276	20105.60
SDev	.2239698	2.6824	.44736	.195818	.13110	.012135	123.78
%RSD	79.68270	17.79767	7.606462	6.725273	1.068776	8.239838	.6156679
#1	.4394476	L-13.1748	-6.19763	3.050137	12.17400	-.155857	20018.07
#2	.1227065	L-16.9683	-5.56497	2.773209	12.35941	-.138695	20193.13

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.257653	.0641157	-.015917	.3861964	7.806594	236.7914	3115.920
SDev	.063890	.1231311	.207970	.3022030	16.87612	8.7207	31.214
%RSD	24.79679	192.0450	1306.581	78.25112	216.1778	3.682852	1.001743
#1	-.212476	-.022951	.1311401	.1725066	19.73982	230.6250	3093.848
#2	-.302830	.1511826	-.162974	.5998862	-4.12663	242.9579	3137.991

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.094551	.0602371	41615.89	.8129984	1.193471	-2.76210	1.871597
SDev	.031058	.2768626	154.97	.6391706	.349371	.56604	1.210465
%RSD	2.837521	459.6210	.3723809	78.61892	29.27356	20.49298	64.67554
#1	1.072589	.2560085	41506.31	.3610366	.9464278	-3.16235	2.727525
#2	1.116512	-.135534	41725.47	1.264960	1.440514	-2.36185	1.015669

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6341702	-.032402	1.804838	-4.06557	-.152449	.7812549	2.584638
SDev	2.002221	.570250	.808422	.61344	.471375	1.126556	.234247
%RSD	315.7230	1759.917	44.79194	15.08862	309.2025	144.1983	9.063061
#1	-.781614	.3708256	1.233198	-4.49934	-.485761	-.015341	2.419000
#2	2.049954	-.435630	2.376479	-3.63181	.1808639	1.577850	2.750276

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	449.5227	1.702059	88.33572	.0655499
SDev	.3677	5.392903	.27581	.0293284
%RSD	.0817903	316.8459	.3122281	44.74215
#1	449.7827	5.515417	88.14070	.0862883
#2	449.2628	-2.11130	88.53075	.0448116

Method: STL3 Sample Name: 220-8369-D-8-A @5 Operator: NP
Run Time: 03/23/09 17:02:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3491293	-9.70581	-4.95399	35.82986	38.89921	-.121189	54462.38
SDev	.0168580	.21777	1.37845	.03886	.29966	.000050	300.94
%RSD	4.828590	2.243739	27.82504	.1084534	.7703552	.0408813	.5525704
#1	.3372089	-9.55182	-3.97928	35.85734	38.68731	-.121154	54249.58
#2	.3610497	-9.85980	-5.92870	35.80239	39.11110	-.121224	54675.18

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.162523	-.114498	-.000969	.0983773	13.10411	3485.274	13524.30
SDev	.201510	.616786	.092453	.2437227	.59121	15.697	117.23
%RSD	123.9886	538.6852	9539.124	247.7429	4.511673	.4503819	.8667988
#1	-.305012	.3216353	.0644047	-.073961	12.68605	3474.175	13441.41
#2	-.020034	-.550632	-.066343	.2707152	13.52216	3496.374	13607.20

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.704733	.6475511	44603.96	2.045724	1.025412	-2.82416	-.286071
SDev	.000018	.6389136	151.60	.264875	2.586222	.39853	1.411255
%RSD	.0002092	98.66612	.3398735	12.94774	252.2130	14.11134	493.3239
#1	8.704719	.1957710	44496.77	2.233019	2.854147	-3.10596	-1.28398
#2	8.704745	1.099331	44711.16	1.858430	-.803323	-2.54236	.7118370

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.635923	.7555724	1.159329	-4.63237	.7965735	-.366007	4.013330
SDev	2.970428	3.694986	2.032671	1.32974	1.466547	.207475	.388448
%RSD	181.5750	489.0314	175.3316	28.70535	184.1070	56.68613	9.678941
#1	3.736333	3.368322	2.596645	-5.57263	1.833579	-.512714	3.738655
#2	-.464487	-1.85718	-.277986	-3.69210	-.240432	-.219300	4.288003

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	2213.044	-1.74470	184.4466	.0486354
SDev	7.272	3.80842	.5464	.0777222
%RSD	.3285823	218.2855	.2962410	159.8059
#1	2207.902	.9482639	184.0602	.1035932
#2	2218.185	-4.43766	184.8330	-.006323

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/23/09 17:08:36
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.44563	4885.263	520.9984	495.4678	502.4153	516.9591	19275.56
SDev	.26312	7.520	1.5091	1.4583	.7164	.5505	30.87
%RSD	.4923041	.1539377	.2896590	.2943322	.1425884	.1064936	.1601276
#1	53.25958	4890.581	522.0656	496.4990	501.9087	516.5698	19253.73
#2	53.63168	4879.945	519.9313	494.4366	502.9218	517.3483	19297.38

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	517.4518	522.3766	526.5767	493.8638	5171.439	18614.03	18704.74
SDev	.6692	.7797	.3711	1.1031	10.310	31.39	57.66
%RSD	.1293204	.1492682	.0704776	.2233538	.1993579	.1686601	.3082619
#1	517.9249	521.8252	526.3143	493.0838	5178.729	18636.23	18663.97
#2	516.9786	522.9279	526.8391	494.6437	5164.148	18591.83	18745.51

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	526.1406	516.2189	20817.08	519.2014	506.8288	499.0426	495.9701
SDev	.2164	1.9593	16.69	.2192	1.9071	4.6079	4.6563
%RSD	.0411289	.3795574	.0801689	.0422106	.3762817	.9233547	.9388209
#1	526.2936	514.8334	20828.88	519.0464	505.4803	495.7843	492.6776
#2	525.9876	517.6044	20805.28	519.3563	508.1773	502.3009	499.2625

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490.5733	505.3811	507.5507	496.7087	503.7164	514.9194	533.1865
SDev	8.4594	1.0123	3.3647	9.1448	4.4793	3.4588	.6226
%RSD	1.724383	.2002960	.6629272	1.841072	.8892589	.6717081	.1167783
#1	496.5550	506.0969	505.1715	490.2423	506.8838	512.4737	532.7462
#2	484.5916	504.6653	509.9299	503.1750	500.5490	517.3651	533.6268

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	546.6137	505.4513	509.9838	506.4022
SDev	3.2547	6.5185	1.0488	.9137
%RSD	.5954302	1.289637	.2056477	.1804394
#1	548.9150	500.8421	510.7254	507.0483
#2	544.3122	510.0606	509.2422	505.7560

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/23/09 17:14:21
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3564834	-14.1567	-4.75999	1.894763	.0364194	-.025900	7.047777
SDev	.0618130	1.3804	1.77445	.294663	.0093645	.036798	.803795
%RSD	17.33965	9.750927	37.27842	15.55146	25.71298	142.0771	11.40495
#1	.4001918	-13.1806	-6.01472	2.103121	.0297977	.0001201	6.479408
#2	.3127750	-15.1328	-3.50527	1.686405	.0430411	-.051920	7.616147

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.478006	.2011617	.1553698	-.206212	.3750398	29.59892	4.716992
SDev	.227432	.1897575	.3354641	.070443	10.21288	1.74411	1.667891
%RSD	47.57922	94.33082	215.9134	34.16026	2723.147	5.892495	35.35920
#1	-.317188	.3353405	-.081839	-.256022	7.596640	30.83219	3.537615
#2	-.638825	.0669829	.3925787	-.156402	-6.84656	28.36564	5.896369

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.080267	2.560087	43.75838	1.016713	.4335403	-.688319	5.663503
SDev	.000000	2.065820	.49815	.068250	.7371715	.489745	4.581502
%RSD	.0000000	80.69337	1.138405	6.712790	170.0353	71.15089	80.89520
#1	-.080267	4.020842	44.11062	.9684533	-.087719	-1.03462	8.903114
#2	-.080267	1.099331	43.40614	1.064973	.9547994	-.342017	2.423892

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.519680	-2.41510	1.855075	-1.99646	1.930889	-.026370	-.714977
SDev	1.852582	.10491	1.157652	1.16615	.865102	.021538	.079385
%RSD	73.52451	4.343965	62.40460	58.41106	44.80331	81.67619	11.10310
#1	1.209706	-2.34092	1.036491	-2.82105	2.542609	-.011140	-.771110
#2	3.829653	-2.48928	2.673659	-1.17186	1.319170	-.041599	-.658844

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5.015639	3.102572	.0751246	.3266770
SDev	2.299738	1.889432	.0000169	.2699093
%RSD	45.85135	60.89888	.0224691	82.62270
#1	6.641799	4.438602	.0751365	.5175317
#2	3.389478	1.766542	.0751126	.1358222

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 25488

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Trish Ke Date 3/26/09

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

Table Name: W032409 Autosampler Type: TYPE TJA
Sample Positions: 131/192 QC Positions: 0/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	0	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	35	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	47	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No		STL3	61	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor

No Samples Prepared.

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	STD2	-NA-	1	Standard
2	1	2	STD1	-NA-	1	Standard
3	1	3	ICV	-NA-	1	QC Standard
4	1	4	ICB	-NA-	1	QC Standard
5	1	5	CRI	-NA-	1	QC Standard
6	1	6	ICSA	-NA-	1	QC Standard
7	1	7	ICSAB	-NA-	1	QC Standard
8	1	8	CCV	-NA-	2	QC Standard
9	1	9	CCB	-NA-	2	QC Standard
10	1	10	CCV2	-NA-	1	QC Standard
11	1	11	CCB2	-NA-	1	QC Standard
12	1	12	CCV3	-NA-	1	QC Standard
13	1	13	CCB3	-NA-	1	QC Standard
14	1	14	CCV4	-NA-	1	QC Standard
15	1	15	CCB4	-NA-	1	QC Standard
16	1	16	CCV5	-NA-	1	QC Standard
17	1	17	CCB5	-NA-	1	QC Standard
18	1	18	CCV6	-NA-	1	QC Standard
19	1	19	CCB6	-NA-	1	QC Standard

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 220-25354/1-A	1	-NA-	Sample
2	1	2	LCS 220-25354/2-A	1	-NA-	Sample
3	1	3	220-8385-A-20-B	1	-NA-	Sample
4	1	4	220-8385-A-20-B SD@5	1	-NA-	Sample
5	1	5	220-8397-C-4-A @5	1	-NA-	Sample
6	1	6	220-8397-C-5-A @5	1	-NA-	Sample
7	1	7	220-8397-C-5-C MS@5	1	-NA-	Sample
8	1	8	220-8397-C-5-D MSD@5	1	-NA-	Sample
9	1	9	220-8399-B-1-A	1	-NA-	Sample
10	1	10	220-8399-B-2-A	1	-NA-	Sample
11	1	11	220-8399-B-3-A	1	-NA-	Sample
12	1	12	220-8399-B-4-A	1	-NA-	Sample
13	2	1	220-8399-B-5-A	1	-NA-	Sample
14	2	2	220-8399-B-6-A	1	-NA-	Sample
15	2	3	220-8399-B-7-A	1	-NA-	Sample
16	2	4	220-8399-B-8-A	1	-NA-	Sample
17	2	5	220-8399-B-9-A	1	-NA-	Sample
18	2	6	220-8399-B-9-B DU	1	-NA-	Sample
19	2	7	220-8399-B-9-C MS	1	-NA-	Sample
20	2	8	220-8399-B-9-D MSD	1	-NA-	Sample
21	2	9	220-8399-B-10-A	1	-NA-	Sample
22	2	10	220-8399-B-11-A	1	-NA-	Sample
23	2	11	220-8399-B-12-A	1	-NA-	Sample
24	2	12	220-8399-B-13-A	1	-NA-	Sample
25	3	1	220-8399-B-14-A	1	-NA-	Sample
26	3	2	220-8399-B-15-A	1	-NA-	Sample
27	3	3	MB 220-25429/1-A	1	-NA-	Sample
28	3	4	LCS 220-25429/2-A	1	-NA-	Sample
29	3	5	LB 220-25340/1-B	1	-NA-	Sample
30	3	6	220-8455-A-9-A	1	-NA-	Sample
31	3	7	220-8455-A-23-A	1	-NA-	Sample
32	3	8	220-8403-C-1-A	1	-NA-	Sample
33	3	9	220-8403-C-1-B DU	1	-NA-	Sample
34	3	10	220-8403-C-1-C MS & MSD	1	-NA-	Sample
35	3	11	220-8403-C-1-A SD@5	1	-NA-	Sample
36	3	12	220-8403-D-1-E	1	-NA-	Sample
37	4	1	220-8403-D-1-G MS	1	-NA-	Sample
38	4	2	220-8403-D-1-H MSD	1	-NA-	Sample
39	4	3	220-8403-C-2-A	1	-NA-	Sample
40	4	4	220-8403-D-2-B	1	-NA-	Sample
41	4	5	220-8403-C-3-A	1	-NA-	Sample
42	4	6	220-8403-D-3-B	1	-NA-	Sample
43	4	7	220-8403-C-4-A	1	-NA-	Sample
44	4	8	220-8403-D-4-B	1	-NA-	Sample
45	4	9	220-8378-A-1-B	1	-NA-	Sample
46	4	10	220-8378-A-2-B	1	-NA-	Sample
47	4	11	220-8378-A-3-B	1	-NA-	Sample
48	4	12	220-8378-A-4-C	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	220-8378-A-5-C	1	-NA-	Sample
2	1	2	220-8378-A-8-B	1	-NA-	Sample
3	1	3	220-8378-A-9-B @5 MM 3/24/09	1	-NA-	Sample
4	1	4	220-8378-A-10-C	1	-NA-	Sample
5	1	5	220-8378-A-11-B	1	-NA-	Sample
6	1	6	220-8378-A-12-C	1	-NA-	Sample
7	1	7	(~~empty~~) 8397-C-4-A @25	1	-NA-	-NA-
8	1	8	(~~empty~~) 8397-C-5-A @25	1	-NA-	-NA-
9	1	9	(~~empty~~) 8397-C-5-A PDS	1	-NA-	-NA-
10	1	10	(~~empty~~) 8403-C-1-A PDS	1	-NA-	-NA-
11	1	11	(~~empty~~) 8403-D-1-E PDS	1	-NA-	-NA-
12	1	12	(~~empty~~) 8403-C-4-A @20	1	-NA-	-NA-
13	2	1	(~~empty~~) 8403-D-4-B @20	1	-NA-	-NA-
(14...48	Not Used)					

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48	Not Used)					

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...47	Not Used)					
(1...47	Not Used)					

Method: STL3 Standard: STD1
Run Time: 03/24/09 10:06:00

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	-.00490	.08247	.00622	.0999	.00017	-.00597	.00400
SDev	.00090	.00075	.00725	.0016	.00033	.00005	.00019
%RSD	18.279	.91460	116.62	1.605	197.99	.79007	4.7140
#1	-.00427	.08193	.01135	.1010	-.00007	-.00593	.00387
#2	-.00553	.08300	.00109	.0987	.00040	-.00600	.00413

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	.00507	-.00047	.00223	.03777	-.00897	.02083	.00103
SDev	.00066	.00094	.00042	.00005	.00118	.00005	.00014
%RSD	13.026	202.03	18.997	.12482	13.143	.22627	13.686
#1	.00553	-.00113	.00193	.03773	-.00813	.02080	.00093
#2	.00460	.00020	.00253	.03780	-.00980	.02087	.00113

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	.00053	-.00823	.17970	-.00753	.01667	-.00447	-.02843
SDev	.00019	.00174	.00014	.00160	.00151	.00038	.01240
%RSD	35.355	21.185	.07870	21.276	9.0510	8.4431	43.604
#1	.00067	-.00947	.17960	-.00867	.01773	-.00420	-.03720
#2	.00040	-.00700	.17980	-.00640	.01560	-.00473	-.01967

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	.00210	-.03957	.02143	.00017	-.00113	.3166	.00290
SDev	.00288	.00476	.00203	.00080	.00000	.0024	.00354
%RSD	136.93	12.033	9.4574	480.83	.00000	.7743	121.91
#1	.00413	-.03620	.02000	.00073	-.00113	.3183	.00040
#2	.00007	-.04293	.02287	-.00040	-.00113	.3149	.00540

Elem	Sr4215	Ti3349
Avge	.00130	-.01470
SDev	.00005	.00033
%RSD	3.6262	2.2448
#1	.00127	-.01493
#2	.00133	-.01447

Method: STL3 Standard: STD2
Run Time: 03/24/09 10:11:50

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Avge	.85150	5.0271	1.3567	2.549	10.201	3.9557	14.981
SDev	.00787	.0360	.0147	.024	.040	.0185	.109
%RSD	.92454	.71548	1.0818	.9228	.39096	.46715	.72974
#1	.84593	5.0017	1.3464	2.532	10.172	3.9427	14.903
#2	.85707	5.0525	1.3671	2.566	10.229	3.9688	15.058

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Avge	8.6042	1.5347	4.1481	4.0904	1.9182	1.3675	10.012
SDev	.0780	.0115	.0288	.0227	.0182	.0052	.059
%RSD	.90674	.74641	.69323	.55434	.94861	.37918	.58805
#1	8.5490	1.5266	4.1277	4.0743	1.9053	1.3639	9.9708
#2	8.6593	1.5428	4.1684	4.1064	1.9311	1.3712	10.054

Elem	Mn2576	Mo2020	Na5889	Ni2316	Sb2068	Tl1908	2203/1
Avge	4.6253	2.2112	103.55	4.2532	2.0242	.62487	4.1521
SDev	.0350	.0307	.45	.0364	.0137	.01612	.0392
%RSD	.75624	1.3879	.42991	.85677	.67769	2.5801	.94347
#1	4.6005	2.1895	103.24	4.2274	2.0145	.61347	4.1244
#2	4.6500	2.2329	103.87	4.2789	2.0339	.63627	4.1798

Elem	2203/2	1960/1	1960/2	V_2924	Zn2062	Si2881	Sn1899
Avge	3.6131	2.2997	1.8808	1.8900	.62723	1.634	1.5712
SDev	.0278	.0155	.0264	.0100	.00467	.011	.0181
%RSD	.76979	.67237	1.4011	.53126	.74405	.6810	1.1491
#1	3.5934	2.2887	1.8622	1.8829	.62393	1.626	1.5585
#2	3.6327	2.3106	1.8995	1.8971	.63053	1.641	1.5840

Elem	Sr4215	Ti3349
Avge	11.469	12.899
SDev	.052	.091
%RSD	.45337	.70573
#1	11.432	12.834
#2	11.506	12.963

Method: STL3 Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ag3280	328.068	STD2	STD1	116.557	.571127	03/24/09 10:11:50
Al3082	308.215	STD2	STD1	2228.72	-183.795	03/24/09 10:11:50
As1890	189.042	STD2	STD1	738.771	-4.59445	03/24/09 10:11:50
B_2496	249.678	STD2	STD1	409.341	-40.8795	03/24/09 10:11:50
Ba4934	493.409	STD2	STD1	98.0351	-.016339	03/24/09 10:11:50
Be3130	313.042	STD2	STD1	252.384	1.50589	03/24/09 10:11:50
Ca3179	317.933	STD2	STD1	3338.56	-13.3543	03/24/09 10:11:50
Cd2265	226.502	STD2	STD1	116.542	-.590479	03/24/09 10:11:50
Co2286	228.616	STD2	STD1	651.739	.304145	03/24/09 10:11:50
Cr2677	267.716	STD2	STD1	241.200	-.538679	03/24/09 10:11:50
Cu3247	324.753	STD2	STD1	246.830	-9.32195	03/24/09 10:11:50
Fe2714	271.441	STD2	STD1	5748.45	51.5444	03/24/09 10:11:50
K_7664	766.491	STD2	STD1	37127.8	-773.496	03/24/09 10:11:50
Mg2790	279.078	STD2	STD1	4993.67	-5.16012	03/24/09 10:11:50
Mn2576	257.610	STD2	STD1	216.209	-.115312	03/24/09 10:11:50
Mo2020	202.030	STD2	STD1	450.572	3.70971	03/24/09 10:11:50
Na5889	588.995	STD2	STD1	483.677	-86.9168	03/24/09 10:11:50
Ni2316	231.604	STD2	STD1	234.192	1.76425	03/24/09 10:11:50
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Sb2068	206.838	STD2	STD1	495.013	-8.25021	03/24/09 10:11:50
Tl1908	190.864	STD2	STD1	1578.62	7.05118	03/24/09 10:11:50
2203/1	220.351	STD2	STD1	239.701	6.81551	03/24/09 10:11:50
2203/2	220.352	STD2	STD1	276.355	-.580345	03/24/09 10:11:50
1960/1	196.021	STD2	STD1	427.523	16.9156	03/24/09 10:11:50
1960/2	196.022	STD2	STD1	534.724	-11.4609	03/24/09 10:11:50
V_2924	292.402	STD2	STD1	523.742	-.087290	03/24/09 10:11:50
Zn2062	206.200	STD2	STD1	1591.60	1.80381	03/24/09 10:11:50
Si2881	288.158	STD2	STD1	760.661	-240.825	03/24/09 10:11:50
Sn1899	189.989	STD2	STD1	636.727	-1.84651	03/24/09 10:11:50
Sr4215	421.552	STD2	STD1	87.2943	-.113483	03/24/09 10:11:50
Ti3349	334.941	STD2	STD1	77.4829	1.13900	03/24/09 10:11:50

Method: STL3 Sample Name: ICV Operator: NP
Run Time: 03/24/09 10:17:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.2438	9864.029	1034.894	990.3152	1003.121	986.8151	24198.69
SDev	.3247	7.795	2.678	.3652	3.378	1.6058	24.71
%RSD	.3145421	.0790219	.2587267	.0368778	.3367712	.1627249	.1021076
#1	103.0141	9858.518	1033.000	990.5734	1000.732	985.6796	24181.22
#2	103.4734	9869.541	1036.787	990.0570	1005.510	987.9506	24216.16

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1000.264	1013.224	1010.669	1000.381	9964.793	47998.81	24436.51
SDev	1.671	1.211	2.389	2.627	25.599	211.78	87.34
%RSD	.1670565	.1195303	.2363470	.2626481	.2568923	.4412104	.3573995
#1	1001.446	1012.368	1008.980	998.5231	9982.895	47849.06	24374.76
#2	999.0825	1014.080	1012.359	1002.239	9946.692	48148.56	24498.27

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1014.600	1011.865	48207.54	1001.185	994.6466	991.2612	993.2760
SDev	.020	6.436	91.36	1.653	4.9049	2.2527	.0625
%RSD	.0019780	.6360311	.1895205	.1651053	.4931349	.2272597	.0062916
#1	1014.614	1007.314	48142.93	1002.354	991.1783	989.6683	993.3202
#2	1014.586	1016.416	48272.14	1000.016	998.1149	992.8542	993.2318

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	983.4225	990.8650	996.5338	989.9272	993.9322	994.6068	1005.232
SDev	5.5817	2.2092	6.2508	1.0712	8.9103	4.0183	.001
%RSD	.5675806	.2229601	.6272498	.1082090	.8964701	.4040093	.0000859
#1	979.4756	989.3028	992.1138	990.6847	987.6317	991.7654	1005.232
#2	987.3693	992.4271	1000.954	989.1698	1000.233	997.4481	1005.233

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1097.843	996.0184	1009.588	988.7628
SDev	.521	2.2506	.971	.0378
%RSD	.0474260	.2259620	.0961456	.0038280
#1	1098.211	994.4270	1008.902	988.7896
#2	1097.475	997.6099	1010.275	988.7361

Method: STL3 Sample Name: ICB Operator: NP
Run Time: 03/24/09 10:23:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1444080	-12.7228	-4.50374	2.563799	.0098035	.1347171	.6677114
SDev	.0444804	2.8324	1.33639	1.157515	.0277285	.0120585	.0000000
%RSD	30.80189	22.26212	29.67292	45.14844	282.8427	8.950964	.0000000
#1	.1758603	-14.7256	-3.55877	3.382285	.0294105	.1432437	.6677114
#2	.1129556	-10.7200	-5.44871	1.745312	-.009803	.1261904	.6677114

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.060375	.0545338	.2493289	-.010321	11.67413	8.663169	-.332911
SDev	.005420	.1927385	.0908107	.137924	1.07193	3.500452	2.589310
%RSD	8.977041	353.4296	36.42205	1336.296	9.182108	40.40614	777.7775
#1	-.056542	.1908204	.3135418	.0872059	12.43210	6.187975	1.498007
#2	-.064207	-.081753	.1851160	-.107849	10.91616	11.13836	-2.16383

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0000495	5.857438	-4.65942	.3829792	1.405490	1.517130	9.085987
SDev	.0204360	4.226795	.04560	.0107069	.709508	2.225022	2.619924
%RSD	41268.63	72.16116	.9787176	2.795693	50.48118	146.6599	28.83478
#1	-.014401	8.846233	-4.69166	.3754083	.9037921	3.090458	10.93855
#2	.0144999	2.868643	-4.62717	.3905501	1.907188	-.056198	7.233421

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.318633	2.084173	1.066058	.2420402	4.070037	.5501412	.2633675
SDev	1.712458	.367716	.880148	1.007306	4.663968	.5728773	.0763695
%RSD	51.60132	17.64325	82.56098	416.1731	114.5928	104.1328	28.99731
#1	2.107742	1.824158	.4436993	.9543130	7.367960	.1450557	.2093661
#2	4.529523	2.344187	1.688416	-.470233	.7721135	.9552265	.3173688

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.45499	7.578134	-.000014	.7206166
SDev	1.02095	4.502904	.004115	.4601706
%RSD	29.54989	59.41969	29354.70	63.85791
#1	-2.73307	10.76217	-.002924	1.046006
#2	-4.17691	4.394101	.0028958	.3952268

Method: STL3 Sample Name: CRI Operator: NP
Run Time: 03/24/09 10:29:12
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.52951	380.5027	Q13.53214	33.67947	10.60739	10.67380	539.7345
SDev	.23083	3.6747	1.66387	.17426	.07856	.05953	3.1476
%RSD	2.192179	.9657594	12.29572	.5174072	.7406572	.5577672	.5831726
#1	10.36630	377.9043	14.70868	33.80269	10.55184	10.63170	537.5088
#2	10.69273	383.1012	Q12.35560	33.55625	10.66295	10.71590	541.9601

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.42654	10.38966	10.74040	10.42905	215.1187	366.3276	489.9479
SDev	.25674	.09235	.12507	.46534	8.1219	1.7502	1.4134
%RSD	2.462341	.8888854	1.164472	4.461985	3.775539	.4777813	.2884739
#1	10.24500	10.32436	10.65196	10.10000	209.3756	365.0900	488.9486
#2	10.60809	10.45496	10.82884	10.75809	220.8617	367.5652	490.9474

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.81854	32.87675	442.4193	10.64397	9.940398	32.47201	31.55466
SDev	.15289	.33984	2.4169	.71760	.106782	.40735	.91223
%RSD	1.413240	1.033686	.5462846	6.741817	1.074222	1.254474	2.890957
#1	10.71043	32.63644	440.7104	11.15139	9.864892	32.76005	30.90962
#2	10.92665	33.11705	444.1283	10.13655	10.01590	32.18397	32.19971

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.19037	8.325098	10.74599	31.87843	33.65985	10.02668	32.02264
SDev	5.35531	.214927	.05272	1.33013	1.44111	.10218	.44950
%RSD	18.99696	2.581671	.4906014	4.172496	4.281390	1.019043	1.403698
#1	31.97715	8.173122	10.70871	32.81897	32.64083	9.954427	31.70479
#2	24.40359	8.477075	10.78327	30.93789	34.67887	10.09893	32.34048

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	35.61395	31.81478	10.74914	32.03592
SDev	2.21756	1.14105	.05343	.25198
%RSD	6.226649	3.586543	.4970637	.7865595
#1	34.04590	31.00793	10.71136	31.85774
#2	37.18200	32.62162	10.78692	32.21409

Method: STL3 Sample Name: ICSA Operator: NP
Run Time: 03/24/09 10:34:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.236129	431886.8	-5.87592	7.394895	1.133939	.1754315	405410.8
SDev	.263711	1020.6	1.38288	1.147267	.000000	.0001007	4219.2
%RSD	111.6809	.2363115	23.53464	15.51431	.0000000	.0574310	1.040732
#1	-.049657	431165.1	-4.89808	8.206135	1.133939	.1753603	402427.3
#2	-.422600	432608.4	-6.85376	6.583654	1.133939	.1755028	408394.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1449394	-2.94406	1.364315	1.070252	173577.2	21.03910	449155.6
SDev	.6484492	.12240	.079406	.104664	290.2	3.50045	2238.7
%RSD	447.3932	4.157632	5.820185	9.779358	.1672012	16.63784	.4984241
#1	-.313583	-3.03061	1.308167	1.144260	173372.0	18.56391	447572.6
#2	.6034622	-2.85750	1.420464	.9962436	173782.4	23.51430	450738.6

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.484756	-.916164	39.00049	.7625642	2.750328	.9505848	-1.94716
SDev	.061062	.339843	2.14327	.4943777	.346351	.0741514	2.85866
%RSD	.6437947	37.09414	5.495486	64.83096	12.59309	7.800612	146.8116
#1	9.441579	-.675858	40.51601	.4129864	2.995235	1.003018	.0742149
#2	9.527934	-1.15647	37.48497	1.112142	2.505420	.8981518	-3.96854

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.014156	.1193504	4.063045	-.949540	4.755440	1.803250	-10.9177
SDev	2.868235	4.533469	1.744069	.556943	.893022	1.019873	.3449
%RSD	20261.13	3798.452	42.92518	58.65393	18.77896	56.55750	3.159531
#1	-2.04230	3.324997	2.829802	-.555722	4.123978	2.524410	-10.6738
#2	2.013992	-3.08630	5.296288	-1.34336	5.386902	1.082091	-11.1616

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9.055573	2.723273	1.894759	-4.59539
SDev	1.273071	3.716136	.063913	.00537
%RSD	14.05842	136.4584	3.373173	.1168822
#1	9.955770	5.350977	1.939953	-4.59159
#2	8.155376	.0955679	1.849565	-4.59919

Method: STL3 Sample Name: ICSAB Operator: NP
Run Time: 03/24/09 10:40:43
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.6949	436464.0	95.47285	21.26221	486.5317	460.0740	419459.7
SDev	1.2421	397.5	3.38242	.12625	1.6267	5.9720	6046.8
%RSD	.5785612	.0910840	3.542807	.5937656	.3343514	1.298051	1.441559
#1	213.8165	436182.9	93.08112	21.17294	485.3814	455.8512	415184.0
#2	215.5732	436745.1	97.86458	21.35148	487.6819	464.2968	423735.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	911.2277	449.4592	463.1271	541.4675	177272.3	42.07816	454350.0
SDev	8.8080	6.0246	6.4022	1.1872	1179.9	5.25065	3210.9
%RSD	.9666055	1.340417	1.382376	.2192481	.6656090	12.47833	.7067128
#1	904.9995	445.1992	458.6001	540.6281	176437.9	38.36539	452079.5
#2	917.4558	453.7193	467.6541	542.3070	178106.6	45.79093	456620.5

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	473.8284	-2.34298	46.06218	913.5966	47.66162	49.47142	554.7064
SDev	5.2801	.44604	.95763	12.0366	1.46931	.71427	31.4109
%RSD	1.114349	19.03748	2.078989	1.317497	3.082802	1.443806	5.662621
#1	470.0948	-2.65838	46.73932	905.0854	46.62266	49.97649	532.4955
#2	477.5620	-2.02758	45.38503	922.1077	48.70058	48.96635	576.9173

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	83.41566	46.87741	48.05254	49.41608	49.58096	463.7643	906.2388
SDev	.51179	4.09883	.15653	.15210	1.84043	5.6668	18.0944
%RSD	.6135462	8.743725	.3257420	.3078018	3.711974	1.221924	1.996644
#1	83.77755	43.97910	47.94186	49.52364	50.88234	459.7572	893.4442
#2	83.05376	49.77572	48.16323	49.30853	48.27957	467.7714	919.0335

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	119.8826	.5474602	1.512439	-4.55002
SDev	.8661	4.658802	.044680	.02743
%RSD	.7224723	850.9846	2.954150	.6028658
#1	119.2701	3.841731	1.544032	-4.56942
#2	120.4950	-2.74681	1.480846	-4.53062

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/24/09 11:07:13
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.31348	4844.585	507.6684	488.5905	498.9952	493.8946	18158.12
SDev	.73294	40.074	6.5954	4.6489	5.2962	7.8651	359.93
%RSD	1.428352	.8272008	1.299159	.9514990	1.061365	1.592469	1.982206
#1	50.79521	4816.248	503.0048	485.3032	495.2502	488.3331	17903.60
#2	51.83174	4872.922	512.3321	491.8778	502.7401	499.4561	18412.62

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.8364	493.5261	500.0001	490.1600	4944.145	37622.83	18308.99
SDev	7.8229	6.6751	8.8798	4.7200	90.236	393.80	237.11
%RSD	1.587319	1.352535	1.775962	.9629408	1.825099	1.046706	1.295047
#1	487.3048	488.8060	493.7211	486.8225	4880.339	37344.37	18141.33
#2	498.3680	498.2461	506.2791	493.4975	5007.951	37901.29	18476.66

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.4113	496.5906	38824.01	498.3267	486.0449	486.8637	496.6951
SDev	9.1838	12.4680	313.58	9.7846	5.4612	12.5428	5.5376
%RSD	1.831594	2.510716	.8076954	1.963484	1.123590	2.576248	1.114886
#1	494.9174	487.7744	38602.28	491.4080	482.1833	477.9945	492.7795
#2	507.9052	505.4068	39045.75	505.2455	489.9066	495.7328	500.6108

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	474.5379	487.5643	485.2856	489.0355	482.5123	491.5242	498.1092
SDev	3.7698	2.0648	7.1567	12.3131	13.0028	7.8071	10.5791
%RSD	.7944189	.4235026	1.474730	2.517835	2.694816	1.588339	2.123845
#1	471.8723	486.1042	480.2250	480.3288	473.3179	486.0037	490.6287
#2	477.2036	489.0244	490.3461	497.7421	491.7067	497.0446	505.5898

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	495.6125	495.3689	502.3987	487.8525
SDev	9.8073	12.6468	5.3297	7.1090
%RSD	1.978830	2.553003	1.060853	1.457199
#1	488.6776	486.4263	498.6301	482.8256
#2	502.5473	504.3116	506.1674	492.8793

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/24/09 11:12:58
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0042465	-18.5143	-5.80212	-.315679	.0130713	.2524130	2.448279
SDev	.0330712	4.0993	.85830	.289216	.0138642	.0118233	.944289
%RSD	778.7828	22.14135	14.79283	91.61718	106.0660	4.684113	38.56950
#1	.0276314	-15.6157	-6.40903	-.111172	.0032678	.2440526	1.780566
#2	-.019138	-21.4130	-5.19521	-.520185	.0228748	.2607733	3.115992

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.091418	.2449067	.1850302	.5748818	12.43037	16.08875	.3329570
SDev	.006084	.0910717	.0682790	.0119434	3.25865	.00000	.2353382
%RSD	6.654958	37.18626	36.90153	2.077548	26.21527	.0000000	70.68124
#1	-.095720	.1805093	.1367497	.5664365	14.73458	16.08875	.1665478
#2	-.087116	.3093041	.2333107	.5833270	10.12615	16.08875	.4993663

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0072603	3.229100	-11.6566	.9765612	-.700046	4.639046	4.889009
SDev	.0101774	.807127	.2280	.0327524	.470538	3.017765	2.571439
%RSD	140.1790	24.99540	1.956026	3.353846	67.21526	65.05142	52.59631
#1	.0144568	3.799825	-11.4954	.9997206	-1.03277	6.772929	6.707291
#2	.0000638	2.658376	-11.8178	.9534018	-.367326	2.505164	3.070727

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.78479	-.465800	-.817594	5.287144	3.339704	.5923800	.6358458
SDev	1.33901	2.146598	.366236	3.466426	2.119097	.1644262	.2994873
%RSD	75.02300	460.8410	44.79436	65.56330	63.45165	27.75689	47.10062
#1	-2.73161	-1.98367	-.558626	7.738277	4.838131	.4761130	.8476152
#2	-.837973	1.052074	-1.07656	2.836010	1.841276	.7086469	.4240763

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-1.00218	3.375346	.0115878	.3770966
SDev	1.52433	3.422149	.0041349	.2593192
%RSD	152.1005	101.3866	35.68337	68.76730
#1	.0756779	5.795171	.0145117	.5604630
#2	-2.08005	.9555216	.0086640	.1937303

Method: STL3 Sample Name: MB 220-25354/1-A Operator: NP
Run Time: 03/24/09 11:18:42
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1011212	L-24.3615	-6.28066	14.69235	.0849637	.3113903	-2.78214
SDev	.1483226	3.9754	1.42756	.32573	.0508356	.0238232	2.04596
%RSD	146.6779	16.31824	22.72940	2.217016	59.83211	7.650600	73.53908
#1	-.003759	L-21.5505	-5.27122	14.92268	.1209099	.2945448	-1.33543
#2	.2060011	L-27.1726	-7.29009	14.46203	.0490175	.3282359	-4.22885

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.042805	.8059496	.5546013	1.126675	15.85156	9.900783	2.497479
SDev	.420745	.7069539	.9553074	.325661	12.40798	8.751105	4.238050
%RSD	982.9312	87.71690	172.2512	28.90456	78.27611	88.38802	169.6932
#1	.2547065	1.305841	1.230106	1.356952	24.62533	16.08875	5.494233
#2	-.340317	.3060576	-.120903	.8963985	7.077790	3.712817	-.499275

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1008573	1.577003	104.0550	1.581649	-.731249	3.681122	2.881800
SDev	.1223834	.509764	5.0390	.630634	.202193	1.273827	3.792551
%RSD	121.3430	32.32489	4.842602	39.87194	27.65036	34.60433	131.6036
#1	.1873954	1.937460	107.6181	2.027575	-.588277	2.780390	5.563539
#2	.0143193	1.216545	100.4920	1.135724	-.874221	4.581854	.2000616

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.581848	2.103693	-2.14719	5.914505	-.793454	-.437598	1.644923
SDev	5.203325	.293459	.15663	.805746	2.211254	.869276	.525361
%RSD	93.21867	13.94969	7.294570	13.62322	278.6873	198.6469	31.93836
#1	1.902542	2.311199	-2.03644	5.344757	-2.35705	.1770724	2.016409
#2	9.261154	1.896186	-2.25795	6.484254	.7701393	-1.05227	1.273436

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	54.55890	7.556519	-.072687	.3169856
SDev	2.37156	8.074747	.024648	.2554813
%RSD	4.346785	106.8580	33.90929	80.59714
#1	56.23585	13.26623	-.055258	.4976382
#2	52.88196	1.846811	-.090115	.1363330

Method: STL3 Sample Name: LCS 220-25354/2-A Operator: NP
Run Time: 03/24/09 11:24:27
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	320.8189	6077.743	1038.663	1045.397	321.7510	113.9026	31201.88
SDev	2.7703	15.808	10.427	7.370	.9659	1.2267	451.53
%RSD	.8635000	.2600917	1.003867	.7049524	.3001962	1.076983	1.447117
#1	318.8600	6066.565	1031.291	1040.186	321.0681	113.0352	30882.60
#2	322.7778	6088.920	1046.036	1050.608	322.4340	114.7700	31521.16

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	317.2650	317.5838	325.1174	323.3453	26227.76	19617.09	15552.51
SDev	2.3991	3.5037	3.8205	.5435	157.44	24.50	113.00
%RSD	.7561915	1.103245	1.175103	.1680845	.6002920	.1249059	.7265911
#1	315.5685	315.1063	322.4160	322.9610	26116.43	19599.76	15472.60
#2	318.9614	320.0613	327.8189	323.7296	26339.09	19634.41	15632.41

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	218.0255	1064.312	31537.47	319.8546	1035.129	521.7815	1055.851
SDev	1.4679	8.815	78.39	4.7752	7.742	.4497	4.041
%RSD	.6732660	.8282036	.2485553	1.492927	.7479436	.0861792	.3827575
#1	216.9876	1058.079	31482.04	316.4780	1029.654	521.4636	1052.994
#2	219.0635	1070.544	31592.90	323.2311	1040.603	522.0995	1058.709

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1015.284	1036.512	1034.437	522.1448	521.0527	322.2090	321.8702
SDev	11.809	2.304	10.457	1.1050	3.5636	2.3362	5.1703
%RSD	1.163168	.2223223	1.010873	.2116323	.6839206	.7250525	1.606327
#1	1006.934	1034.883	1027.043	522.9262	518.5329	320.5571	318.2142
#2	1023.635	1038.142	1041.831	521.3635	523.5726	323.8609	325.5261

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1094.517	1073.686	-.565035	1061.752
SDev	8.088	3.042	.006978	6.509
%RSD	.7389451	.2833609	1.235019	.6130487
#1	1088.798	1071.535	-.569970	1057.150
#2	1100.236	1075.837	-.560101	1066.355

Method: STL3 Sample Name: 220-8385-A-20-B Operator: NP
Run Time: 03/24/09 11:30:12
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2496421	476.4599	1.341845	446.7767	106.8451	.3291044	24786.83
SDev	.0819063	.2187	.425535	.0995	.4206	.0118925	76.17
%RSD	32.80951	.0458976	31.71266	.0222662	.3936083	3.613592	.3073116
#1	.1917255	476.6146	1.642744	446.8471	106.5478	.3206952	24732.97
#2	.3075586	476.3053	1.040947	446.7064	107.1425	.3375137	24840.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1713080	1.270606	1.579626	3.682301	18156.16	14547.91	10848.52
SDev	.2869738	.235526	.113869	.083111	30.06	21.00	41.67
%RSD	167.5192	18.53649	7.208599	2.257041	.1655578	.1443685	.3840911
#1	-.031613	1.104064	1.499108	3.623533	18134.90	14533.06	10819.06
#2	.3742292	1.437148	1.660143	3.741070	18177.41	14562.76	10877.98

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	355.3616	9.897569	H177336.8	2.334426	2.868109	2.196236	1.329427
SDev	.1632	4.120594	147.6	.200960	2.796113	.321139	.655369
%RSD	.0459139	41.63239	.0832238	8.608534	97.48978	14.62224	49.29706
#1	355.2462	12.81127	H177441.1	2.476526	4.845260	1.969156	1.792843
#2	355.4769	6.983869	H177232.4	2.192326	.8909583	2.423316	.8660116

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.662236	4.690224	1.957618	1.194748	4.201019	1.224054	16.07396
SDev	4.103504	4.912408	1.739552	1.794738	2.630768	.746261	.22507
%RSD	619.6440	104.7372	88.86069	150.2190	62.62213	60.96636	1.400225
#1	-3.56385	8.163821	3.187667	-.074324	6.061253	.6963679	15.91481
#2	2.239380	1.216627	.7275683	2.463819	2.340785	1.751741	16.23311

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	21811.25	L-13.6384	196.7471	41.47974
SDev	31.85	2.5504	.0930	.30264
%RSD	.1460075	18.69993	.0472940	.7296027
#1	21788.73	L-11.8350	196.6813	41.26574
#2	21833.76	L-15.4418	196.8128	41.69374

Method: STL3 Sample Name: 220-8385-A-20-B SD@5 Operator: NP
Run Time: 03/24/09 11:35:57
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2491805	75.24326	-2.55342	88.91435	22.09057	.2543367	5108.448
SDev	.5000142	2.20469	1.43811	.71534	.08781	.0357257	11.017
%RSD	200.6634	2.930078	56.32111	.8045322	.3974806	14.04661	.2156580
#1	-.104383	73.68430	-3.57031	89.42018	22.02848	.2290748	5100.658
#2	.6027440	76.80220	-1.53652	88.40853	22.15265	.2795986	5116.238

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.038574	.4307125	.6268798	1.250079	3786.080	2121.234	2228.816
SDev	.106160	.2158419	.1363987	.314192	16.272	12.252	2.356
%RSD	275.2071	50.11276	21.75834	25.13378	.4297781	.5775706	.1056877
#1	-.113641	.5833358	.5304314	1.027911	3774.574	2112.571	2227.150
#2	.0364918	.2780892	.7233282	1.472246	3797.585	2129.898	2230.482

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	74.26070	1.667117	59108.41	1.014621	.3587093	2.015170	-.718741
SDev	.22424	.127441	391.22	.154869	.9376259	1.536596	.680308
%RSD	.3019634	7.644401	.6618603	15.26375	261.3888	76.25142	94.65276
#1	74.10214	1.757232	58831.78	1.124130	1.021711	3.101707	-1.19979
#2	74.41927	1.577003	59385.04	.9051117	-.304292	.9286326	-.237691

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.641246	1.660501	-.291860	1.943705	2.157313	.5744948	8.555666
SDev	4.543981	3.857899	.520392	3.063008	1.520813	.0971605	.074277
%RSD	276.8617	232.3334	178.3018	157.5861	70.49569	16.91234	.8681604
#1	-1.57183	4.388447	-.659833	4.109579	1.081936	.5057920	8.503144
#2	4.854325	-1.06745	.0761125	-.222169	3.232690	.6431977	8.608188

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4438.046	-4.94411	40.87447	8.739316
SDev	13.459	2.58189	.11911	.186435
%RSD	.3032685	52.22147	.2913954	2.133287
#1	4447.564	-6.76978	40.79025	8.607487
#2	4428.529	-3.11844	40.95869	8.871145

Method: STL3 Sample Name: 220-8397-C-4-A @5 Operator: NP
Run Time: 03/24/09 11:41:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.014030	L-11.4523	42.40687	9907.646	152.0524	.2537166	32545.10
SDev	.191970	2.6052	1.49858	41.965	.0693	.0595647	624.02
%RSD	1368.289	22.74829	3.533815	.4235631	.0455845	23.47688	1.917398
#1	-.149773	L-13.2945	43.46652	9877.972	152.1014	.2958353	32103.85
#2	.1217132	-9.61015	41.34721	9937.319	152.0034	.2115980	32986.35

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0706128	1.715339	11.36893	.8311639	6807.045	86737.95	80097.28
SDev	.2879154	.092266	.46635	.2326007	56.618	267.78	431.49
%RSD	407.7381	5.378885	4.101996	27.98494	.8317597	.3087271	.5387072
#1	-.132974	1.650097	11.03917	.9956375	6767.010	86927.30	79792.17
#2	.2741997	1.780581	11.69870	.6666903	6847.081	86548.59	80402.39

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.52987	.4956293	H164134.0	3.151197	1.474593	4.631616	-3.94869
SDev	.36702	.0849607	179.6	1.152612	1.068407	2.423513	.09325
%RSD	1.202176	17.14198	.1094124	36.57696	72.45436	52.32543	2.361664
#1	30.27035	.4355530	H164007.0	3.966217	.7191151	6.345299	-3.88275
#2	30.78940	.5557055	H164261.0	2.336177	2.230070	2.917934	-4.01463

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.90272	1.925910	1.248523	6.656346	.5749763	12.49600	2.533921
SDev	5.30248	.708506	1.248017	5.057371	2.851969	1.13579	.147309
%RSD	278.6795	36.78812	99.95946	75.97818	496.0150	9.089253	5.813493
#1	-5.65213	1.424921	.3660417	10.23245	-1.44167	11.69287	2.429757
#2	1.846702	2.426900	2.131004	3.080245	2.591623	13.29913	2.638084

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4571.252	-4.11668	1043.106	11.22677
SDev	42.960	.06135	3.390	.15769
%RSD	.9397906	1.490277	.3249997	1.404576
#1	4540.874	-4.16006	1040.708	11.11527
#2	4601.629	-4.07330	1045.503	11.33828

Method: STL3 Sample Name: 220-8397-C-5-A @5 Operator: NP
Run Time: 03/24/09 11:47:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.232535	-.028642	15.90497	10809.48	129.9291	.2749185	H151228.5
SDev	.120300	1.760829	4.07625	98.80	1.1322	.0833158	3049.7
%RSD	51.73412	6147.755	25.62881	.9139957	.8714359	30.30565	2.016644
#1	-.317600	-1.27374	13.02262	10739.61	129.1285	.3338317	H149072.0
#2	-.147470	1.216452	18.78732	10879.34	130.7297	.2160053	H153385.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.079284	.8813448	24.79270	.5883957	89.73125	H101925.7	H115366.9
SDev	.136709	.1212867	.71588	.0697313	3.27344	12.3	1414.1
%RSD	172.4294	13.76154	2.887474	11.85109	3.648053	.0120213	1.225729
#1	-.175951	.7955822	24.28650	.6377032	92.04592	H101917.0	H114367.0
#2	.0173837	.9671074	25.29891	.5390882	87.41657	H101934.4	H116366.9

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	195.6302	-.105134	H166536.4	2.892906	.7629502	4.501755	-3.45673
SDev	2.4259	.084961	41.8	.195519	.6940994	.296051	1.51219
%RSD	1.240027	80.81199	.0250976	6.758557	90.97572	6.576345	43.74641
#1	193.9148	-.045057	H166566.0	3.031159	.2721477	4.292416	-2.38745
#2	197.3455	-.165210	H166506.9	2.754654	1.253753	4.711095	-4.52601

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.137473	3.408548	-.558665	7.179537	-.862941	45.24159	.5334859
SDev	1.188138	1.960905	2.019611	.282790	1.455612	1.35700	.4507641
%RSD	23.12691	57.52902	361.5064	3.938831	168.6805	2.999445	84.49410
#1	5.977613	4.795117	-1.98675	7.379499	-1.89221	44.28204	.2147476
#2	4.297332	2.021980	.8694153	6.979574	.1663329	46.20113	.8522243

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6750.288	L-32.1641	2009.900	44.49088
SDev	92.619	1.2311	10.705	.44502
%RSD	1.372068	3.827558	.5326223	1.000243
#1	6684.796	L-33.0346	2002.330	44.17621
#2	6815.779	L-31.2936	2017.470	44.80556

Method: STL3 Sample Name: 220-8397-C-5-C MS@5 Operator: NP
Run Time: 03/24/09 11:53:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.653263	431.4208	20.09816	11005.54	528.3012	10.38392	H154070.3
SDev	.006029	.1676	.97328	15.51	1.3956	.14291	1981.4
%RSD	.0624593	.0388597	4.842628	.1409487	.2641698	1.376258	1.286052
#1	9.648999	431.3023	19.40995	10994.57	527.3143	10.28287	H152669.2
#2	9.657526	431.5393	20.78638	11016.50	529.2880	10.48497	H155471.3

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.07517	99.99810	64.67328	51.60023	286.9062	H102685.6	H116409.3
SDev	.10365	1.29431	1.58010	.11508	12.6261	110.3	842.1
%RSD	1.028755	1.294334	2.443197	.2230205	4.400787	.1073807	.7233563
#1	10.00188	99.08289	63.55598	51.51886	277.9782	H102763.6	H115813.8
#2	10.14846	100.9133	65.79057	51.68160	295.8343	H102607.6	H117004.7

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	295.9746	197.2004	H167682.3	101.8903	5.217057	5.397020	205.5669
SDev	2.5279	3.8020	107.1	1.1260	.227901	2.783790	.5940
%RSD	.8540771	1.927985	.0638537	1.105069	4.368386	51.58013	.2889357
#1	294.1871	194.5120	H167606.6	101.0942	5.055906	7.365457	205.1469
#2	297.7620	199.8888	H167758.0	102.6865	5.378207	3.428584	205.9869

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.69484	6.975882	4.338317	6.686261	2.813668	146.1784	101.6135
SDev	1.94409	.056477	.369806	5.119447	1.894537	1.9653	1.9504
%RSD	16.62347	.8096005	8.524172	76.56667	67.33337	1.344469	1.919417
#1	10.32016	7.015817	4.076825	10.30626	1.474028	144.7888	100.2343
#2	13.06951	6.935947	4.599809	3.066265	4.153308	147.5682	102.9926

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6635.528	174.4118	1993.697	257.4127
SDev	34.203	2.7034	6.843	1.4667
%RSD	.5154553	1.550002	.3432327	.5697831
#1	6611.343	172.5003	1988.858	256.3756
#2	6659.714	176.3234	1998.535	258.4498

Method: STL3 Sample Name: 220-8397-C-5-D MSD@5 Operator: NP
Run Time: 03/24/09 11:58:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.746598	430.6255	21.29901	11035.60	528.6638	10.30813	H154855.9
SDev	.159614	.3432	2.91154	38.19	.4020	.05969	2534.2
%RSD	1.637643	.0796919	13.66982	.3460179	.0760446	.5791040	1.636463
#1	9.633734	430.8681	19.24024	11008.60	528.3796	10.26592	H153064.0
#2	9.859463	430.3828	23.35777	11062.60	528.9481	10.35034	H156647.9

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.734305	98.00597	64.23069	51.90375	288.5807	H103383.6	H117034.1
SDev	.018891	2.70609	1.20474	.05704	.6181	40.3	490.4
%RSD	.1940686	2.761148	1.875652	.1098941	.2141986	.0389379	.4189906
#1	9.720947	96.09247	63.37881	51.86342	288.1436	H103355.1	H116687.4
#2	9.747663	99.91946	65.08257	51.94409	289.0178	H103412.0	H117380.9

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	296.2411	199.1379	H167126.7	100.5802	4.730656	5.831615	207.0526
SDev	2.2118	3.1435	525.3	2.2641	1.771845	1.243905	.8978
%RSD	.7466223	1.578579	.3142945	2.251066	37.45453	21.33037	.4336315
#1	294.6771	196.9151	H166755.2	98.97919	5.983540	6.711189	207.6875
#2	297.8050	201.3607	H167498.1	102.1811	3.477772	4.952042	206.4177

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.95278	6.397004	3.898133	7.740374	2.007367	144.8547	101.9303
SDev	2.61183	.789318	2.262375	1.411131	.908953	1.2426	1.6510
%RSD	18.71907	12.33888	58.03739	18.23078	45.28084	.8578138	1.619731
#1	12.10594	6.955137	5.497874	8.738193	2.650093	143.9760	100.7629
#2	15.79962	5.838872	2.298392	6.742553	1.364640	145.7333	103.0977

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6665.509	178.5495	2004.595	256.4888
SDev	52.515	4.4740	6.967	1.4374
%RSD	.7878582	2.505767	.3475587	.5604019
#1	6628.376	175.3859	1999.668	255.4724
#2	6702.643	181.7131	2009.521	257.5052

Method: STL3 Sample Name: 220-8399-B-1-A Operator: NP
Run Time: 03/24/09 12:04:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1245974	86.16855	-8.43558	61.35171	131.9323	.7488197	5464.783
SDev	.0122828	2.31252	1.26806	9.76481	.5176	.0000354	53.510
%RSD	9.858011	2.683714	15.03225	15.91612	.3923211	.0047279	.9791755
#1	.1159121	84.53336	-7.53893	68.25648	131.5663	.7488447	5426.946
#2	.1332827	87.80375	-9.33223	54.44694	132.2983	.7487947	5502.621

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2480779	17.15393	3.066873	2.689769	54.81163	2141.036	6627.891
SDev	.2191098	.48972	.098557	.163345	3.49102	19.253	37.737
%RSD	88.32297	2.854868	3.213611	6.072832	6.369115	.8992191	.5693613
#1	.0931439	16.80764	2.997183	2.574267	52.34311	2127.422	6601.207
#2	.4030120	17.50022	3.136564	2.805272	57.28016	2154.650	6654.574

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2256.957	2.312937	7737.865	6.411533	.4159914	2.567320	-1.56176
SDev	11.324	1.083249	73.624	.056593	.4766045	1.598400	1.33465
%RSD	.5017175	46.83435	.9514775	.8826766	114.5708	62.25950	85.45786
#1	2248.950	3.078910	7685.805	6.371516	.0789811	3.697559	-.618022
#2	2264.964	1.546964	7789.925	6.451550	.7530017	1.437080	-2.50550

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0660579	2.252899	-.501885	3.745321	.2066789	.2853633	67.96416
SDev	3.562359	1.797974	1.612189	1.614674	1.565664	.0379751	1.57480
%RSD	5392.780	79.80715	321.2269	43.11176	757.5344	13.30762	2.317105
#1	2.585026	3.524258	-1.64187	4.887068	1.313770	.2585109	66.85060
#2	-2.45291	.9815387	.6381049	2.603574	-.900413	.3122158	69.07770

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4542.574	-.720038	59.58870	.4150090
SDev	1.846	3.451983	.28281	.2194131
%RSD	.0406485	479.4168	.4746103	52.86947
#1	4541.268	1.720882	59.38872	.5701575
#2	4543.879	-3.16096	59.78868	.2598606

Method: STL3 Sample Name: 220-8399-B-2-A Operator: NP
Run Time: 03/24/09 12:10:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0298383	L-14.9329	-5.85709	25.16271	41.36099	.4375079	895.2915
SDev	.1552654	.3079	1.02918	2.72343	.22183	.0832655	18.0988
%RSD	520.3561	2.061964	17.57148	10.82328	.5363234	19.03177	2.021555
#1	-.079951	L-15.1506	-5.12935	27.08847	41.20413	.3786303	882.4937
#2	.1396275	L-14.7151	-6.58483	23.23696	41.51785	.4963855	908.0893

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1058201	6.447130	5.407992	1.703001	29.83400	962.8475	2621.183
SDev	.0934917	.706703	.234893	.139651	14.31172	5.2506	23.144
%RSD	88.34969	10.96151	4.343444	8.200268	47.97116	.5453250	.8829709
#1	.1719287	5.947416	5.241898	1.801749	19.71409	959.1347	2604.817
#2	.0397115	6.946845	5.574087	1.604253	39.95392	966.5602	2637.548

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	937.3966	.6458200	5702.777	5.128252	.3085623	3.496263	-.516690
SDev	11.6803	.2124018	17.944	1.509512	.1711089	1.582916	.322242
%RSD	1.246040	32.88870	.3146514	29.43521	55.45360	45.27452	62.36662
#1	929.1373	.4956293	5690.089	4.060866	.4295545	4.615553	-.288830
#2	945.6558	.7960107	5715.466	6.195638	.1875700	2.376972	-.744549

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.686533	2.800365	-.936271	5.658548	-.835803	-.028561	4.375455
SDev	6.534888	1.161455	.323322	1.795756	1.156599	.372371	.151379
%RSD	177.2638	41.47514	34.53296	31.73527	138.3818	1303.793	3.459724
#1	8.307397	3.621637	-1.16489	6.928339	-.017964	-.291867	4.482496
#2	-.934331	1.979092	-.707647	4.388758	-1.65364	.2347457	4.268414

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4553.137	-.402512	18.45848	.1288323
SDev	56.892	3.482129	.13542	.0283536
%RSD	1.249513	865.1002	.7336400	22.00812
#1	4512.908	-2.86475	18.36273	.1087833
#2	4593.366	2.059725	18.55424	.1488813

Method: STL3 Sample Name: CCV2 Operator: NP
Run Time: 03/24/09 12:16:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.02513	4905.787	513.4446	505.7054	504.5505	501.7861	18548.28
SDev	.39687	13.395	2.8054	2.5520	1.5805	.9878	93.33
%RSD	.7628395	.2730374	.5463969	.5046369	.3132540	.1968542	.5031574
#1	51.74450	4915.259	515.4284	507.5100	505.6681	501.0877	18482.29
#2	52.30576	4896.316	511.4609	503.9009	503.4329	502.4846	18614.27

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.2925	503.3574	508.8605	497.3016	5031.923	37798.57	18586.19
SDev	2.5573	3.5786	2.0350	.5383	16.805	19.25	7.55
%RSD	.5101469	.7109517	.3999139	.1082514	.3339713	.0509407	.0406157
#1	499.4842	500.8269	507.4215	497.6823	5020.040	37784.95	18580.86
#2	503.1008	505.8878	510.2995	496.9210	5043.806	37812.18	18591.53

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.6785	498.5581	38932.98	507.6459	493.8117	494.0621	491.5179
SDev	2.4667	8.7510	31.15	.5209	1.3938	4.5356	5.3150
%RSD	.4839709	1.755255	.0800057	.1026109	.2822533	.9180222	1.081348
#1	507.9343	492.3702	38955.01	508.0142	492.8261	490.8549	487.7596
#2	511.4227	504.7460	38910.96	507.2776	494.7973	497.2693	495.2762

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	479.6465	493.3342	494.0494	495.0073	492.1678	500.0448	508.0864
SDev	.9068	5.6731	4.9223	4.1903	5.2274	2.0666	1.4237
%RSD	.1890605	1.149956	.9963084	.8465107	1.062114	.4132820	.2802142
#1	479.0053	497.3457	490.5688	492.0443	488.4715	498.5835	507.0797
#2	480.2878	489.3227	497.5300	497.9703	495.8641	501.5061	509.0931

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	513.2671	497.5205	505.1869	493.1027
SDev	1.4904	6.9065	.9527	2.1734
%RSD	.2903728	1.388181	.1885921	.4407626
#1	514.3210	492.6369	504.5132	491.5659
#2	512.2133	502.4041	505.8606	494.6396

Method: STL3 Sample Name: CCB2 Operator: NP
Run Time: 03/24/09 12:21:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0548046	-26.5894	-4.84052	8.253951	.0065357	.2441234	.3338556
SDev	.1925773	.4198	2.56686	.907234	.0323499	.0476754	.1573819
%RSD	351.3891	1.578916	53.02864	10.99151	494.9747	19.52924	47.14070
#1	.1909773	-26.8863	-6.65556	8.895462	.0294105	.2778350	.2225699
#2	-.081368	-26.2925	-3.02547	7.612440	-.016339	.2104118	.4451414

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.044004	.2245415	.1043552	.4264368	7.459999	13.61356	-1.33197
SDev	.006002	.3031545	.0681516	.0124392	2.148544	3.50045	1.17682
%RSD	13.64035	135.0105	65.30738	2.916999	28.80087	25.71299	88.35220
#1	-.039759	.0101789	.1525457	.4176410	5.940749	16.08875	-2.16411
#2	-.048248	.4389041	.0561647	.4352326	8.979249	11.13836	-.499828

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.050508	3.754768	-12.1564	.4149935	.0693949	2.860497	2.860974
SDev	.030559	2.187738	.1596	.2972881	1.207608	1.662665	2.362033
%RSD	60.50249	58.26560	1.312907	71.63679	1740.197	58.12505	82.56042
#1	-.028900	5.301732	-12.2693	.6252080	.9233027	4.036179	4.531184
#2	-.072116	2.207803	-12.0436	.2047791	-.784513	1.684815	1.190765

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.20984	-.425663	.3159030	2.693251	3.194390	-.659003	-.159838
SDev	1.63533	.149564	1.735907	2.015131	.956535	.199216	.374634
%RSD	74.00214	35.13683	549.5063	74.82150	29.94421	30.22988	234.3833
#1	-1.05349	-.319905	1.543375	4.118163	3.870763	-.799869	.1050682
#2	-3.36619	-.531421	-.911569	1.268338	2.518018	-.518136	-.424745

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-6.89133	4.776043	.0029028	.3746085
SDev	1.59741	3.662196	.0082335	.2848895
%RSD	23.17997	76.67844	283.6394	76.04995
#1	-5.76179	7.365607	.0087247	.5760558
#2	-8.02087	2.186480	-.002919	.1731611

Method: STL3 Sample Name: 220-8399-B-3-A Operator: NP
Run Time: 03/24/09 12:27:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0876420	34.39686	-7.69269	9.688221	271.8251	.7571992	14211.71
SDev	.5384647	.94311	2.19784	.791539	.6424	.0356765	131.10
%RSD	614.3914	2.741850	28.57058	8.170121	.2363171	4.711641	.9224735
#1	-.293110	33.72998	-6.13857	10.24792	271.3709	.7319720	14119.01
#2	.4683940	35.06374	-9.24680	9.128518	272.2793	.7824262	14304.41

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2143268	.7655382	35.38138	3.249817	69.77204	3855.102	14729.48
SDev	.0178034	.0292111	.54566	.046284	.00466	3.500	54.15
%RSD	8.306650	3.815765	1.542237	1.424213	.0066805	.0908015	.3676040
#1	.2017379	.7448828	34.99553	3.282545	69.77534	3852.627	14691.19
#2	.2269157	.7861936	35.76722	3.217089	69.76874	3857.578	14767.77

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.77312	.7058963	37317.39	51.22060	.5198518	2.009133	-.298848
SDev	.54020	.5097643	19.59	.42814	1.968214	1.111664	.164290
%RSD	1.063954	72.21518	.0524857	.8358729	378.6105	55.33053	54.97452
#1	50.39114	1.066354	37331.24	50.91786	-.871885	2.795198	-.182677
#2	51.15510	.3454385	37303.54	51.52334	1.911589	1.223068	-.415019

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.496286	1.000378	.2792993	1.613656	2.800174	-.063408	10.16989
SDev	6.176857	1.136957	2.383289	.382924	2.571475	.167465	.07576
%RSD	137.3769	113.6527	853.3101	23.73019	91.83267	264.1070	.7449758
#1	.1285888	.1964279	-1.40594	1.884424	4.618482	-.181823	10.11631
#2	8.863983	1.804328	1.964539	1.342888	.9818670	.0550076	10.22346

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6890.616	.8505727	142.0436	.1762280
SDev	29.416	1.890979	.4046	.0032087
%RSD	.4269002	222.3183	.2848642	1.820768
#1	6869.816	2.187697	141.7575	.1739591
#2	6911.417	-.486551	142.3297	.1784969

Method: STL3 Sample Name: 220-8399-B-4-A Operator: NP
Run Time: 03/24/09 12:33:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1124166	29.34709	-4.85650	17.99087	142.0757	.5133551	5617.023
SDev	.0713166	1.15873	1.24054	.28750	.5915	.0713864	121.184
%RSD	63.43963	3.948376	25.54385	1.598015	.4163552	13.90585	2.157434
#1	.0619881	30.16644	-5.73369	17.78758	141.6574	.4628773	5531.333
#2	.1628450	28.52774	-3.97931	18.19416	142.4940	.5638329	5702.712

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1827422	.4634599	1.204842	1.711375	38.09802	2554.392	10247.29
SDev	.0296517	.0035916	.841339	.150784	13.54565	5.251	121.71
%RSD	16.22597	.7749462	69.82983	8.810700	35.55473	.2055537	1.187702
#1	.1617753	.4659995	.6099252	1.817996	28.51980	2558.105	10161.23
#2	.2037092	.4609203	1.799758	1.604755	47.67624	2550.679	10333.35

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	96.77522	.1802288	51008.49	4.971427	.8747364	6.658231	-1.53527
SDev	.44849	1.253170	36.48	.907075	1.426665	2.654173	.58836
%RSD	.4634302	695.3220	.0715166	18.24577	163.0965	39.86304	38.32278
#1	96.45810	1.066354	51034.29	4.330029	1.883541	8.535015	-1.95131
#2	97.09235	-.705897	50982.70	5.612826	-.134068	4.781447	-1.11924

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.916831	4.661300	-1.01651	9.008743	1.949048	-.138414	7.630175
SDev	3.493705	3.861541	.21105	4.372817	.788415	.258197	.901126
%RSD	182.2647	82.84257	20.76243	48.53969	40.45126	186.5403	11.81003
#1	4.387253	7.391822	-.867271	12.10079	1.391555	-.320987	6.992982
#2	-.553592	1.930778	-1.16574	5.916696	2.506542	.0441594	8.267367

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7346.230	-4.03102	75.21699	.6971808
SDev	102.835	2.37164	.03135	.1183194
%RSD	1.399829	58.83481	.0416783	16.97113
#1	7273.516	-5.70802	75.23916	.6135163
#2	7418.946	-2.35401	75.19482	.7808452

Method: STL3 Sample Name: 220-8399-B-5-A Operator: NP
Run Time: 03/24/09 12:39:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3842528	275.7482	-5.89953	10.12669	301.3532	.7082236	6340.934
SDev	.1874839	4.6271	.70623	.30871	2.1028	.0119155	61.221
%RSD	48.79181	1.678014	11.97087	3.048477	.6977732	1.682444	.9654943
#1	.2516817	272.4764	-6.39890	10.34498	299.8664	.6997980	6297.644
#2	.5168240	279.0201	-5.40015	9.908400	302.8401	.7166491	6384.224

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1726886	6.864062	8.096868	4.821054	660.5855	2384.842	20156.09
SDev	.1725969	.183245	.092933	.034787	.2807	31.504	151.87
%RSD	99.94692	2.669630	1.147771	.7215641	.0424864	1.321005	.7534788
#1	.2947330	6.734488	8.162581	4.845653	660.7839	2362.565	20048.71
#2	.0506441	6.993636	8.031154	4.796456	660.3870	2407.118	20263.48

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	518.7003	1.501907	16032.86	20.08621	.8605533	2.708986	-2.93576
SDev	5.9318	.403563	204.82	.28207	.7137864	3.784830	2.07459
%RSD	1.143592	26.87006	1.277492	1.404295	82.94505	139.7139	70.66625
#1	514.5059	1.787270	15888.03	20.28566	.3558301	.0327076	-4.40272
#2	522.8948	1.216545	16177.69	19.88676	1.365277	5.385265	-1.46880

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9175075	.8588572	.8608500	3.466498	1.190686	.8957979	16.84678
SDev	1.566796	.7509728	1.445139	4.593567	2.164926	.2017538	.07435
%RSD	170.7666	87.43861	167.8735	132.5132	181.8218	22.52224	.4413131
#1	-.190385	1.389875	-.161017	.2183563	-.340148	1.038459	16.79421
#2	2.025400	.3278393	1.882718	6.714641	2.721520	.7531364	16.89935

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8079.709	-5.36934	85.06604	7.120409
SDev	71.399	1.71091	.91638	.009751
%RSD	.8836889	31.86436	1.077253	.1369505
#1	8029.222	-4.15955	84.41807	7.127305
#2	8130.196	-6.57913	85.71402	7.113514

Method: STL3 Sample Name: 220-8399-B-6-A Operator: NP
Run Time: 03/24/09 12:44:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0270602	53.56444	-5.92176	18.99681	379.3009	.8665845	7404.378
SDev	.2308799	1.99496	1.30825	.09690	1.7654	.0000108	6.767
%RSD	853.2086	3.724417	22.09226	.5100715	.4654277	.0012499	.0913950
#1	.1903170	54.97509	-4.99668	18.92829	378.0526	.8665768	7399.593
#2	-.136197	52.15379	-6.84683	19.06532	380.5492	.8665922	7409.163

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5153948	2.251913	3.113281	2.287372	40.65636	2622.460	16870.70
SDev	.0922699	.338836	.102649	.151368	4.31323	21.003	72.50
%RSD	17.90276	15.04660	3.297138	6.617538	10.60900	.8008737	.4297424
#1	.5806394	2.491506	3.040697	2.180339	43.70627	2607.609	16819.43
#2	.4501501	2.012319	3.185864	2.394405	37.60644	2637.311	16921.97

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	457.0879	.1051334	13520.06	8.603426	.8296080	3.547661	-.679433
SDev	.7236	.2124020	86.71	.539373	.7932413	.341296	.352577
%RSD	.1583145	202.0309	.6413509	6.269283	95.61639	9.620322	51.89288
#1	457.5996	.2553242	13458.75	8.222032	.2687017	3.788994	-.430123
#2	456.5762	-.045057	13581.38	8.984820	1.390514	3.306328	-.928743

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.05140	1.353260	.5672248	3.374148	3.894207	-.051831	19.80113
SDev	6.10488	1.312612	.5340155	.282246	1.590254	.051557	.00063
%RSD	580.6450	96.99631	94.14531	8.364960	40.83641	99.46990	.0031877
#1	3.265406	.4251029	.1896188	3.174570	5.018686	-.015375	19.80068
#2	-5.36820	2.281417	.9448308	3.573726	2.769727	-.088287	19.80158

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	8656.785	-7.57625	91.55586	-.014538
SDev	7.040	2.52137	.06159	.024571
%RSD	.0813234	33.27987	.0672671	169.0059
#1	8651.808	-5.79338	91.51231	-.031912
#2	8661.764	-9.35913	91.59941	.0028357

Method: STL3 Sample Name: 220-8399-B-7-A Operator: NP
Run Time: 03/24/09 12:50:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.262018	-4.39926	11.61650	246.7665	275.3282	.3616391	25513.97
SDev	.091612	3.06074	.11215	.1881	.1155	.0476728	136.92
%RSD	34.96403	69.57397	.9654171	.0762370	.0419626	13.18242	.5366543
#1	-.326797	-6.56353	11.69580	246.6334	275.2465	.3279294	25417.15
#2	-.197238	-2.23499	11.53720	246.8995	275.4099	.3953488	25610.79

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.976470	44.71073	-3.06488	4.500327	42846.34	3266.008	19824.31
SDev	.073960	.70580	.07193	.256030	46.30	10.501	75.59
%RSD	7.574254	1.578595	2.346914	5.689142	.1080516	.3215330	.3812856
#1	-.924172	44.21166	-3.01402	4.319286	42813.61	3258.582	19770.86
#2	-1.02877	45.20981	-3.11575	4.681367	42879.08	3273.434	19877.76

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20669.04	.2853624	31150.28	6.561459	1.592438	2.596046	-1.29155
SDev	77.27	.2973623	26.02	.272855	2.676022	2.903172	1.72659
%RSD	.3738343	104.2052	.0835151	4.158445	168.0456	111.8306	133.6842
#1	20614.41	.4956293	31131.88	6.754396	-.299795	.5431929	-2.51243
#2	20723.68	.0750955	31168.68	6.368521	3.484672	4.648899	-.070661

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.52531	3.077334	.8503036	2.895314	1.995609	.8390170	10.38498
SDev	2.31649	.572835	3.726038	4.155380	.394998	.7197713	.59069
%RSD	91.73096	18.61466	438.2009	143.5208	19.79333	85.78745	5.687906
#1	-.887304	2.672278	-1.78440	-.042983	1.716304	1.347972	9.967299
#2	-4.16332	3.482390	3.485011	5.833611	2.274915	.3300618	10.80266

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6679.979	-4.61907	196.5921	-.120575
SDev	16.633	.81140	.0918	.047009
%RSD	.2490013	17.56638	.0466891	38.98733
#1	6668.217	-5.19281	196.5272	-.153815
#2	6691.740	-4.04532	196.6570	-.087334

Method: STL3 Sample Name: 220-8399-B-8-A Operator: NP
Run Time: 03/24/09 12:56:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1306366	L-20.7951	-6.29234	49.60068	237.1141	.2523988	39837.97
SDev	.1536068	.2063	3.07438	.46336	1.4927	.0357104	344.98
%RSD	117.5833	.9922451	48.85900	.9341735	.6295314	14.14840	.8659571
#1	.2392531	L-20.6492	-4.11843	49.27304	236.0586	.2271477	39594.03
#2	.0220202	L-20.9411	-8.46626	49.92832	238.1696	.2776498	40081.91

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.135001	1.848932	.0872116	1.423263	98.56278	5039.479	17214.23
SDev	.036421	.243111	.0680159	.092623	2.15076	33.254	111.12
%RSD	26.97825	13.14871	77.98955	6.507822	2.182122	.6598707	.6454844
#1	-.109248	2.020837	.0391171	1.357768	100.0836	5015.965	17135.66
#2	-.160755	1.677027	.1353061	1.488758	97.04196	5062.993	17292.81

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	88.27098	.5707247	46856.61	1.364880	.1005195	1.047656	-1.16318
SDev	.61151	1.295651	269.87	.304895	.4417348	.675756	.42039
%RSD	.6927595	227.0185	.5759405	22.33858	439.4519	64.50165	36.14097
#1	87.83858	-.345439	46665.79	1.149287	.4128732	1.525488	-1.46044
#2	88.70338	1.486888	47047.44	1.580473	-.211834	.5698249	-.865926

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.173377	1.315918	-.506868	1.725427	-.311221	-.379422	3.754536
SDev	3.049735	.599356	.363043	.080949	1.867297	.307308	.074770
%RSD	1759.016	45.54659	71.62464	4.691526	599.9913	80.99377	1.991454
#1	-2.32987	1.739726	-.250158	1.782666	1.009158	-.162122	3.701666
#2	1.983111	.8921093	-.763578	1.668187	-1.63160	-.596721	3.807407

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5625.159	-4.41284	168.5987	-.143283
SDev	36.217	.27010	1.1944	.003526
%RSD	.6438419	6.120815	.7084070	2.460842
#1	5599.549	-4.60383	167.7541	-.145776
#2	5650.768	-4.22185	169.4432	-.140790

Method: STL3 Sample Name: 220-8399-B-9-A Operator: NP
Run Time: 03/24/09 13:02:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1212521	L-19.9924	-3.26946	207.3319	8.832958	.2187060	54663.64
SDev	.0215247	.5157	1.34012	1.6204	.027729	.0357475	658.80
%RSD	17.75204	2.579699	40.98890	.7815711	.3139218	16.34499	1.205183
#1	.1364723	L-19.6277	-4.21706	206.1860	8.813352	.1934287	54197.80
#2	.1060318	L-20.3570	-2.32185	208.4777	8.852566	.2439832	55129.48

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1946815	.0829903	.0971932	6.697110	419.4342	5095.171	12139.59
SDev	.1188920	.1848988	.2629767	.151268	3.8111	17.502	39.57
%RSD	61.07002	222.7956	270.5710	2.258712	.9086186	.3435071	.3259841
#1	.2787508	.2137334	.2831458	6.804073	416.7394	5082.795	12111.60
#2	.1106121	-.047753	-.088759	6.590147	422.1290	5107.547	12167.57

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	803.6280	.8410680	29571.94	.2214053	.8936189	1.486585	-1.37168
SDev	3.9036	.1911617	71.57	.7671018	.9232138	1.052850	.69652
%RSD	.4857457	22.72845	.2420236	346.4695	103.3118	70.82340	50.77846
#1	800.8677	.9762397	29521.34	-.321018	1.546430	.7421076	-.879169
#2	806.3882	.7058963	29622.56	.7638282	.2408082	2.231062	-1.86420

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.654483	1.058197	.8107537	1.509195	1.440196	.3696260	1.709359
SDev	.077033	.030632	1.368977	1.188387	.781509	.4958562	.599660
%RSD	4.656036	2.894758	168.8524	78.74313	54.26412	134.1508	35.08096
#1	1.600012	1.079857	1.778767	.6688783	.8875849	.7202492	1.285336
#2	1.708953	1.036537	-.157259	2.349512	1.992806	.0190027	2.133383

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10007.31	-6.65596	217.8966	.0467547
SDev	58.32	3.39187	.3689	.0277407
%RSD	.5828058	50.95988	.1692888	59.33235
#1	9966.071	-9.05438	217.6358	.0271391
#2	10048.55	-4.25755	218.1575	.0663704

Method: STL3 Sample Name: 220-8399-B-9-B DU Operator: NP
Run Time: 03/24/09 13:07:50
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0862220	L-18.0586	-5.72685	208.1098	8.578068	.1430227	55084.86
SDev	.0724708	1.5706	1.49255	2.5658	.083186	.0952054	946.34
%RSD	84.05140	8.697450	26.06225	1.232911	.9697492	66.56667	1.717959
#1	.0349774	L-19.1692	-4.67146	206.2955	8.519246	.2103431	54415.69
#2	.1374666	L-16.9480	-6.78224	209.9241	8.636888	.0757023	55754.02

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.049821	-.004272	.0712678	1.340922	419.4410	5127.348	12222.40
SDev	.137387	.121762	.0764685	.116574	1.6152	49.006	128.59
%RSD	275.7616	2849.960	107.2973	8.693587	.3850896	.9557731	1.052090
#1	-.146968	-.090371	.0171964	1.258492	418.2989	5092.696	12131.47
#2	.0473263	.0818261	.1253392	1.423352	420.5832	5162.001	12313.32

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	737.7707	.8711062	29699.15	-.086542	-.041364	.9495774	-1.03927
SDev	9.4686	.4035634	221.42	.850068	1.576013	2.794190	.84232
%RSD	1.283407	46.32769	.7455375	982.2598	3810.124	294.2561	81.04957
#1	731.0754	1.156468	29542.59	-.687631	-1.15577	-1.02621	-1.63488
#2	744.4660	.5857437	29855.72	.5145468	1.073046	2.925368	-.443657

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.02039	2.716484	-1.41882	.3698060	2.109660	.2477217	4.155712
SDev	.36456	1.500843	1.61354	2.618056	3.146985	.3166916	.000604
%RSD	35.72766	55.24946	113.7242	707.9538	149.1703	127.8417	.0145394
#1	-.762608	1.655228	-2.55977	-1.48144	-.115595	.0237869	4.156139
#2	-1.27818	3.777740	-.277874	2.221051	4.334915	.4716565	4.155284

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10097.29	-4.80936	219.2932	.1294444
SDev	127.50	1.62091	2.2352	.0272140
%RSD	1.262751	33.70317	1.019272	21.02372
#1	10007.13	-5.95551	217.7127	.1102012
#2	10187.45	-3.66320	220.8738	.1486877

Method: STL3 Sample Name: 220-8399-B-9-C MS Operator: NP
Run Time: 03/24/09 13:13:35
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.56376	2082.878	37.40943	1335.995	2118.580	55.42925	65407.69
SDev	.45302	4.048	2.35021	4.396	2.699	.22656	413.13
%RSD	.8457534	.1943338	6.282388	.3290516	.1273944	.4087322	.6316228
#1	53.24342	2080.016	35.74758	1332.886	2116.672	55.26905	65115.57
#2	53.88409	2085.741	39.07127	1339.103	2120.488	55.58946	65699.82

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.09926	521.0320	209.7589	269.7074	1478.775	16307.76	22864.06
SDev	.75879	1.0072	1.4534	.6695	7.220	3.50	107.16
%RSD	1.456430	.1933144	.6928812	.2482299	.4882337	.0214684	.4686644
#1	51.56271	520.3198	208.7312	269.2340	1473.670	16310.24	22788.28
#2	52.63580	521.7442	210.7866	270.1808	1483.880	16305.29	22939.82

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1308.199	1134.481	40204.73	522.5004	19.59417	53.25857	1237.503
SDev	7.277	14.295	2.92	3.9402	.13437	.75529	1.951
%RSD	.5562890	1.260018	.0072618	.7541022	.6857562	1.418163	.1576507
#1	1303.053	1124.373	40206.80	519.7142	19.68918	53.79264	1236.123
#2	1313.344	1144.589	40202.67	525.2865	19.49915	52.72449	1238.882

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.34215	21.57856	18.60275	54.10812	51.55581	528.6907	518.7969
SDev	2.91095	1.35593	.47578	.56658	1.13313	1.5077	3.0724
%RSD	5.259922	6.283713	2.557589	1.047131	2.197878	.2851670	.5922167
#1	53.28379	22.53735	18.26632	54.50876	52.35706	527.6246	516.6243
#2	57.40051	20.61977	18.93918	53.70748	50.75457	529.7568	520.9694

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11057.46	1141.404	219.4664	1132.549
SDev	41.52	3.335	.4522	2.853
%RSD	.3754596	.2922008	.2060464	.2518739
#1	11028.10	1139.046	219.1466	1130.532
#2	11086.81	1143.763	219.7861	1134.566

Method: STL3 Sample Name: 220-8399-B-9-D MSD Operator: NP
Run Time: 03/24/09 13:19:19
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.90095	2058.979	37.56023	1334.405	2085.751	54.84702	64873.41
SDev	.38484	3.294	1.16906	5.341	10.426	.42743	356.94
%RSD	.7274737	.1599831	3.112503	.4002421	.4998609	.7793125	.5502096
#1	53.17307	2056.650	38.38688	1330.628	2078.379	54.54478	64621.02
#2	52.62883	2061.308	36.73358	1338.181	2093.124	55.14926	65125.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.31959	516.1362	208.2417	266.9452	1468.224	16046.63	22680.19
SDev	.49366	3.2655	1.1959	1.3728	11.674	29.75	143.82
%RSD	.9619414	.6326887	.5742884	.5142478	.7951274	.1854204	.6341227
#1	51.66866	513.8271	207.3960	265.9746	1459.969	16025.59	22578.50
#2	50.97052	518.4452	209.0873	267.9159	1476.479	16067.67	22781.89

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1293.950	1127.272	39662.79	520.2039	20.27077	54.13500	1232.755
SDev	1.681	1.593	66.12	.7406	.68083	1.25744	.510
%RSD	.1299471	.1413125	.1667054	.1423668	3.358680	2.322787	.0414095
#1	1295.139	1126.145	39616.04	519.6802	20.75219	53.24585	1232.394
#2	1292.761	1128.398	39709.54	520.7275	19.78935	55.02414	1233.116

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53.10818	22.39001	19.21193	54.14132	54.12112	524.1124	515.8289
SDev	4.37477	.55518	.74356	.48388	2.80689	3.4982	2.3261
%RSD	8.237464	2.479587	3.870308	.8937318	5.186308	.6674525	.4509538
#1	56.20161	22.78259	19.73770	53.79917	52.13635	521.6389	514.1841
#2	50.01475	21.99744	18.68615	54.48347	56.10589	526.5861	517.4737

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	10944.21	1130.717	216.0353	1122.968
SDev	76.25	1.978	.0281	2.313
%RSD	.6967418	.1749745	.0129953	.2059823
#1	10890.29	1129.318	216.0551	1124.604
#2	10998.13	1132.116	216.0154	1121.333

Method: STL3 Sample Name: CCV3 Operator: NP
Run Time: 03/24/09 13:25:04
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.29155	4963.120	515.4015	498.1263	502.2271	502.4935	18681.38
SDev	.69406	12.480	7.8659	1.5476	3.2304	4.5336	291.31
%RSD	1.327298	.2514481	1.526168	.3106832	.6432073	.9022192	1.559383
#1	51.80077	4954.296	509.8394	497.0320	499.9428	499.2878	18475.39
#2	52.78233	4971.945	520.9635	499.2206	504.5113	505.6993	18887.37

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.5918	507.7026	512.3252	500.6775	5057.066	38600.53	18701.08
SDev	5.9422	8.4569	7.4813	2.8240	41.634	183.77	107.86
%RSD	1.179954	1.665720	1.460262	.5640407	.8232909	.4760898	.5767658
#1	499.3901	501.7227	507.0351	498.6807	5027.626	38470.58	18624.81
#2	507.7935	513.6826	517.6152	502.6744	5086.506	38730.48	18777.35

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.7075	514.1780	39648.38	506.2481	501.6412	498.2134	496.3293
SDev	7.1045	10.1953	178.12	5.8711	3.3878	5.0769	5.4359
%RSD	1.382980	1.982827	.4492469	1.159735	.6753396	1.019024	1.095213
#1	508.6838	506.9688	39522.43	502.0966	499.2456	494.6235	492.4855
#2	518.7311	521.3871	39774.32	510.3996	504.0367	501.8033	500.1730

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.0862	500.6831	502.1187	500.6198	493.3920	503.7869	511.8476
SDev	3.6069	1.0648	4.5478	3.1831	8.8704	6.0065	6.9047
%RSD	.7329762	.2126701	.9057162	.6358237	1.797841	1.192275	1.348970
#1	489.5358	499.9302	498.9029	498.3691	487.1197	499.5396	506.9652
#2	494.6367	501.4360	505.3345	502.8706	499.6644	508.0341	516.7299

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	533.1855	503.0236	512.1473	497.7941
SDev	1.7416	11.5032	3.9814	5.4268
%RSD	.3266430	2.286814	.7773984	1.090169
#1	531.9540	494.8897	509.3320	493.9567
#2	534.4170	511.1576	514.9626	501.6314

Method: STL3 Sample Name: CCB3 Operator: NP
Run Time: 03/24/09 13:30:49
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0624744	-16.1984	-5.47394	2.100594	.0032678	.2188415	1.780567
SDev	.1266382	2.1272	1.41813	.540320	.0092428	.0119686	1.259052
%RSD	202.7041	13.13241	25.90694	25.72225	282.8426	5.469067	70.71072
#1	.1520211	-17.7026	-6.47671	2.482658	-.003268	.2103784	.8902830
#2	-.027072	-14.6942	-4.47117	1.718530	.0098035	.2273046	2.670851

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1076533	-.255780	-.072363	.1142380	6.721500	18.56391	-.999103
SDev	.2406864	.067072	.204404	.2918113	4.351795	10.50131	.706602
%RSD	223.5754	26.22261	282.4691	255.4415	64.74439	56.56841	70.72365
#1	-.062538	-.208353	-.216899	-.092104	3.644317	11.13836	-1.49875
#2	.2778443	-.303207	.0721722	.3205798	9.798684	25.98945	-.499460

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.057661	2.763509	-17.9444	.6320937	-.372040	.7032447	3.220362
SDev	.061048	2.782463	.0000	.9824731	.121950	2.367839	1.190743
%RSD	105.8745	100.6859	.0000000	155.4316	32.77871	336.7020	36.97543
#1	-.100829	4.731008	-17.9444	1.326807	-.458272	2.377560	4.062344
#2	-.014493	.7960107	-17.9444	-.062620	-.285809	-.971070	2.378379

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.210281	-2.48868	.6840412	.3847351	1.340119	-.058396	.4767392
SDev	.147812	1.68779	1.025392	2.619755	1.863110	1.165002	.0757026
%RSD	3.510732	67.81877	149.9022	680.9243	139.0257	1994.990	15.87925
#1	4.105763	-1.29523	-.041021	2.237181	2.657536	.7653841	.4232093
#2	4.314800	-3.68212	1.409103	-1.46771	.0227016	-.882177	.5302690

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.12754	1.741049	.0086920	.4468999
SDev	3.69033	.630473	.0164339	.1972302
%RSD	117.9943	36.21227	189.0687	44.13296
#1	-.518090	2.186861	-.002929	.5863627
#2	-5.73700	1.295237	.0203126	.3074371

Method: STL3 Sample Name: 220-8399-B-10-A Operator: NP
Run Time: 03/24/09 13:36:34
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0216486	L-19.9245	-5.23309	48.08486	230.2451	.2271204	38875.57
SDev	.0109107	2.5198	2.02956	.71380	.2264	.0237324	242.37
%RSD	50.39893	12.64656	38.78328	1.484451	.0983479	10.44928	.6234484
#1	.0139336	L-21.7062	-6.66820	47.58013	230.0850	.2103390	38704.19
#2	.0293637	L-18.1427	-3.79797	48.58959	230.4053	.2439018	39046.95

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.177315	1.915401	.1762227	1.735722	106.9797	4926.858	16827.38
SDev	.078187	.032278	.0796385	.209136	1.0857	31.504	65.44
%RSD	44.09504	1.685169	45.19195	12.04893	1.014909	.6394315	.3889178
#1	-.232602	1.938225	.2325356	1.883603	106.2119	4904.582	16781.10
#2	-.122029	1.892577	.1199098	1.587840	107.7474	4949.135	16873.65

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	86.18825	1.291640	46086.07	2.244412	-.169621	.1198842	1.152644
SDev	.33636	.870847	188.77	.294594	.352716	.0635571	1.442542
%RSD	.3902622	67.42181	.4095970	13.12567	207.9442	53.01538	125.1507
#1	85.95041	1.907422	45952.59	2.036102	.0797873	.0749426	.1326128
#2	86.42609	.6758583	46219.55	2.452721	-.419028	.1648258	2.172675

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.197149	.8346485	-.671752	-.140368	.6401697	.6754794	4.550105
SDev	2.975653	1.656909	1.356093	2.196804	4.209344	.1636753	.750165
%RSD	70.89701	198.5158	201.8741	1565.028	657.5356	24.23098	16.48675
#1	6.301254	-.336963	.2871505	-1.69374	3.616625	.5597435	5.080552
#2	2.093045	2.006260	-1.63065	1.413007	-2.33629	.7912152	4.019659

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5495.700	-.273613	164.9438	.1372839
SDev	33.397	3.121759	.5422	.1351439
%RSD	.6076993	1140.938	.3287238	98.44118
#1	5472.084	1.933804	164.5604	.2328451
#2	5519.315	-2.48103	165.3272	.0417227

Method: STL3 Sample Name: 220-8399-B-11-A Operator: NP
Run Time: 03/24/09 13:42:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1322718	L-14.2831	-5.19427	78.64902	221.4579	.1766372	87304.00
SDev	.1373790	8.4082	1.15763	.01944	1.5713	.0000323	922.72
%RSD	103.8611	58.86793	22.28656	.0247210	.7095103	.0182952	1.056910
#1	.2294134	L-20.2285	-4.37571	78.66277	220.3469	.1766143	86651.53
#2	.0351302	-8.33761	-6.01284	78.63527	222.5690	.1766601	87956.46

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.022105	.8915770	.1326577	2.262364	119.6914	7829.014	22499.42
SDev	.107717	.2435873	.3753714	.139926	3.2650	50.756	104.99
%RSD	487.3073	27.32095	282.9623	6.184946	2.727826	.6483105	.4666472
#1	.0540628	.7193348	.3980854	2.163422	122.0001	7793.124	22425.18
#2	-.098272	1.063819	-.132770	2.361307	117.3828	7864.904	22573.66

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	71.26263	1.171488	52589.81	1.199721	.8156033	.8035929	-2.11933
SDev	.57075	.743406	228.85	.946355	1.042309	2.251872	1.07425
%RSD	.8009077	63.45830	.4351627	78.88126	127.7961	280.2254	50.68821
#1	70.85905	1.697155	52427.99	.5305471	1.552627	-.788721	-1.35972
#2	71.66621	.6458200	52751.64	1.868895	.0785793	2.395907	-2.87894

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.190289	-.971004	1.706868	.7756074	.8582468	.9358881	1.632520
SDev	3.050869	.467556	1.329114	2.559429	1.636116	.1065455	.225025
%RSD	256.3133	48.15183	77.86858	329.9903	190.6347	11.38442	13.78392
#1	3.347579	-.640392	2.646693	-1.03418	-.298662	1.011227	1.473403
#2	-.967001	-1.30162	.7670425	2.585397	2.015156	.8605491	1.791637

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5033.922	-4.32703	290.9167	.2694448
SDev	37.218	.45019	1.6390	.0941942
%RSD	.7393451	10.40409	.5633929	34.95860
#1	5007.605	-4.00870	289.7577	.2028395
#2	5060.239	-4.64536	292.0756	.3360501

Method: STL3 Sample Name: 220-8399-B-12-A Operator: NP
Run Time: 03/24/09 13:48:03
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0861706	-3.06104	-5.07824	6.942266	81.61092	.3701113	6999.299
SDev	.0330949	3.69757	.17641	.251813	.16175	.0118013	1.101
%RSD	38.40629	120.7946	3.473783	3.627239	.1981992	3.188578	.0157359
#1	.0627689	-5.67562	-4.95350	6.764207	81.49654	.3784561	7000.078
#2	.1095722	-.446463	-5.20298	7.120324	81.72530	.3617665	6998.520

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0414611	.0804039	.0879345	1.777113	22.98131	2004.901	4609.901
SDev	.0124034	.4902389	.0792999	.011940	6.19173	19.252	11.300
%RSD	29.91588	609.7200	90.18060	.6718877	26.94245	.9602643	.2451298
#1	.0326905	.4270552	.0318610	1.785556	27.35953	1991.287	4601.911
#2	.0502317	-.266247	.1440080	1.768670	18.60310	2018.514	4617.892

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.62945	.6458200	13295.52	1.423280	.8466287	1.988997	-1.70261
SDev	.10182	.5097643	44.05	.034952	1.436801	.655383	.90987
%RSD	.2635779	78.93287	.3313238	2.455728	169.7086	32.95040	53.43956
#1	38.55745	.2853622	13264.37	1.447994	1.862601	2.452423	-1.05924
#2	38.70144	1.006278	13326.67	1.398565	-.169343	1.525572	-2.34598

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.80767	.3940832	1.071913	2.297094	1.370779	.7571514	6.043630
SDev	1.26031	3.116883	.597950	1.672981	1.382729	1.130254	.149973
%RSD	33.09927	790.9199	55.78344	72.83035	100.8718	149.2772	2.481500
#1	-4.69884	2.598052	1.494727	3.480070	.3930414	1.556362	6.149676
#2	-2.91650	-1.80989	.6490983	1.114117	2.348516	-.042059	5.937583

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6447.245	-2.46143	43.19171	.1030125
SDev	6.850	.14987	.16051	.0732933
%RSD	.1062484	6.088648	.3716255	71.14990
#1	6442.401	-2.56740	43.07821	.1548387
#2	6452.089	-2.35546	43.30521	.0511863

Method: STL3 Sample Name: 220-8399-B-13-A Operator: NP
Run Time: 03/24/09 13:53:47
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.145422	7.204789	-5.84216	1215.862	355.1222	.4626768	10473.97
SDev	.336484	3.449099	.07743	16.072	1.6960	.0237870	312.87
%RSD	231.3842	47.87231	1.325306	1.321832	.4775927	5.141175	2.987160
#1	-.383352	4.765908	-5.89691	1204.498	353.9229	.4458569	10252.73
#2	.0925079	9.643671	-5.78741	1227.227	356.3215	.4794968	10695.20

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.147474	19.50143	.1632216	2.205034	139.5565	6315.438	27339.07
SDev	.003922	1.01369	.4964251	.244344	6.9693	14.002	391.09
%RSD	2.659713	5.198023	304.1418	11.08120	4.993907	.2217100	1.430500
#1	-.150248	18.78465	-.187804	2.032257	134.6284	6305.537	27062.53
#2	-.144701	20.21822	.5142472	2.377812	144.4845	6325.338	27615.61

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	687.7759	.2853623	63643.75	4.349565	.6017535	2.922821	-.736633
SDev	12.2919	.2548823	129.32	1.648378	.0180083	1.166306	1.545837
%RSD	1.787195	89.31885	.2031986	37.89755	2.992644	39.90346	209.8518
#1	679.0842	.1051333	63552.31	3.183986	.6144873	3.747524	-1.82970
#2	696.4676	.4655913	63735.20	5.515145	.5890197	2.098117	.3564393

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.676467	4.331582	-1.26116	4.991804	-1.22236	.0534824	10.80644
SDev	.656239	5.034611	2.48653	4.214525	4.93928	.9407641	1.12460
%RSD	97.00967	116.2303	197.1616	84.42890	404.0778	1759.016	10.40678
#1	-.212437	7.891590	-3.01941	7.971923	-4.71496	-.611738	10.01122
#2	-1.14050	.7715741	.4970793	2.011685	2.270241	.7187031	11.60165

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6699.547	-5.47340	191.4259	-.286365
SDev	115.915	3.69218	1.0099	.104715
%RSD	1.730193	67.45684	.5275533	36.56685
#1	6617.583	-8.08417	190.7118	-.360409
#2	6781.512	-2.86263	192.1400	-.212320

Method: STL3 Sample Name: 220-8399-B-14-A Operator: NP
Run Time: 03/24/09 13:59:32
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0401571	L-17.2941	-8.47769	-1.87122	22.48924	.1767419	2716.589
SDev	.1042662	7.2657	3.57094	.67613	.24494	.0474836	53.667
%RSD	259.6457	42.01237	42.12162	36.13299	1.089125	26.86605	1.975532
#1	.1138844	L-22.4317	L-11.0027	-1.39313	22.31605	.2103179	2678.641
#2	-.033570	L-12.1565	-5.95265	-2.34932	22.66244	.1431659	2754.538

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.101829	-.177166	1.010487	.9298097	14.19483	1355.165	1826.584
SDev	.022729	.060745	.534119	.0927491	6.78404	17.502	23.542
%RSD	22.32125	34.28702	52.85757	9.975060	47.79236	1.291518	1.288837
#1	-.085757	-.134213	.6328078	.8642262	9.397784	1342.789	1809.937
#2	-.117901	-.220120	1.388166	.9953932	18.99187	1367.540	1843.230

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.45724	.0300380	5650.057	.8130656	.6228379	2.876665	-.098410
SDev	.21395	.4460437	32.628	.0674546	.0317048	2.849002	1.262517
%RSD	2.045985	1484.931	.5774822	8.296330	5.090370	99.03837	1282.918
#1	10.30596	-.285363	5626.985	.8607632	.6004193	.8621162	-.991144
#2	10.60853	.3454385	5673.128	.7653680	.6452566	4.891213	.7943246

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.059541	2.854214	-.491877	3.816394	.9933836	-.837860	8.329570
SDev	2.009270	.428630	.261386	3.728520	1.087325	.908923	.524993
%RSD	49.49500	15.01744	53.14044	97.69746	109.4567	108.4815	6.302766
#1	5.480309	3.157300	-.676704	1.179932	.2245286	-.195154	7.958343
#2	2.638773	2.551127	-.307049	6.452856	1.762239	-1.48057	8.700796

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	9421.656	-.976086	21.51627	-.046763
SDev	133.463	1.050762	.23343	.067816
%RSD	1.416555	107.6505	1.084919	145.0215
#1	9327.284	-1.71909	21.35121	-.094717
#2	9516.029	-.233085	21.68134	.0011905

Method: STL3 Sample Name: 220-8399-B-15-A Operator: NP
Run Time: 03/24/09 14:05:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3306128	L-16.8532	-5.88719	L-11.3954	.0849637	.2104655	11.90754
SDev	.0439806	.1022	1.64712	.1735	.0138642	.0000096	1.41643
%RSD	13.30275	.6061679	27.97810	1.522168	16.31785	.0045358	11.89525
#1	.3617117	L-16.9254	-7.05188	L-11.5180	.0751602	.2104722	10.90597
#2	.2995138	L-16.7809	-4.72250	L-11.2727	.0947672	.2104587	12.90911

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.271110	1.414977	-1.06160	1.669615	7.771339	30.93984	2.665272
SDev	.016626	.031325	.17057	.069758	.541737	7.00090	4.002320
%RSD	6.132495	2.213791	16.06742	4.178111	6.970957	22.62747	150.1655
#1	-.282867	1.437127	-1.18221	1.718941	8.154405	25.98945	-.164796
#2	-.259354	1.392827	-.940988	1.620288	7.388273	35.89023	5.495339

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3098355	1.712174	88.31942	1.365382	.1697178	5.322430	-5.13354
SDev	.0713608	.191162	2.66769	.551796	.2068959	.248528	.25727
%RSD	23.03183	11.16484	3.020507	40.41329	121.9059	4.669437	5.011642
#1	.2593758	1.847346	86.43308	.9752032	.0234202	5.146694	-5.31546
#2	.3602952	1.577003	90.20576	1.755560	.3160153	5.498165	-4.95162

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.003175	1.264142	-.377374	9.818832	-3.68498	-.715394	4.296040
SDev	1.860397	1.152816	.885591	.121009	.50381	.170818	.224716
%RSD	37.18432	91.19350	234.6721	1.232414	13.67189	23.87744	5.230768
#1	3.687676	2.079306	-1.00358	9.733266	-4.04122	-.836180	4.454937
#2	6.318674	.4489787	.2488337	9.904398	-3.32873	-.594608	4.137141

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	L-41.0592	-.126811	.0404873	.3208941
SDev	.8973	.030043	.0205457	.0327961
%RSD	2.185488	23.69146	50.74611	10.22022
#1	L-41.6937	-.148055	.0259592	.2977037
#2	L-40.4247	-.105567	.0550153	.3440844

Method: STL3 Sample Name: MB 220-25429/1-A Operator: NP
Run Time: 03/24/09 14:11:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1904997	L-19.9071	-7.67681	16.38470	.0359462	.2693720	5.564272
SDev	.0550551	.2166	1.35378	.01899	.0277285	.0357236	.314764
%RSD	28.90036	1.088127	17.63465	.1158989	77.13892	13.26180	5.656873
#1	.2294295	L-19.7539	-8.63408	16.37128	.0163392	.2946324	5.341701
#2	.1515699	L-20.0603	-6.71954	16.39813	.0555532	.2441116	5.786844

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.179745	-.063925	.0238257	1.233716	22.42395	8.663169	.8356907
SDev	.253945	.028819	.2729605	.105010	6.49809	3.500452	3.295522
%RSD	141.2808	45.08283	1145.654	8.511713	28.97834	40.40614	394.3471
#1	-.000179	-.084303	-.169186	1.159463	17.82911	6.187975	-1.49460
#2	-.359311	-.043547	.2168380	1.307970	27.01879	11.13836	3.165977

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5332909	1.486888	127.6585	1.133880	-.415756	4.739777	-3.03778
SDev	.0203466	.722166	1.1172	1.015698	1.980002	.534107	.51525
%RSD	3.815300	48.56895	.8751752	89.57722	476.2417	11.26862	16.96135
#1	.5476781	1.997537	126.8685	1.852086	.9843174	5.117447	-3.40211
#2	.5189036	.9762397	128.4485	.4156728	-1.81583	4.362105	-2.67344

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.162611	-.971832	-.138734	6.014240	2.186020	-.264102	1.484667
SDev	.151290	.463930	2.736902	.342710	2.290374	.412028	.150050
%RSD	4.783716	47.73763	1972.770	5.698301	104.7737	156.0111	10.10667
#1	3.055632	-.643785	1.796548	5.771908	3.805559	-.555450	1.378565
#2	3.269589	-1.29988	-2.07402	6.256573	.5664809	.0272460	1.590769

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	61.41975	-2.39719	-.064133	.5908108
SDev	.14696	1.02071	.012339	.0437560
%RSD	.2392710	42.57947	19.23929	7.406096
#1	61.52367	-3.11894	-.072857	.5598707
#2	61.31583	-1.67544	-.055408	.6217510

Method: STL3 Sample Name: LCS 220-25429/2-A Operator: NP
Run Time: 03/24/09 14:16:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	302.0799	5761.437	979.8858	986.6049	300.4513	106.1497	29186.95
SDev	2.8547	36.993	13.3164	9.1147	2.6203	1.0134	354.26
%RSD	.9450041	.6420844	1.358978	.9238410	.8721343	.9547014	1.213778
#1	300.0613	5735.279	970.4697	980.1598	298.5985	105.4331	28936.44
#2	304.0985	5787.595	989.3019	993.0499	302.3042	106.8663	29437.45

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	295.7053	296.7606	304.4303	304.6195	24537.27	18412.91	14695.00
SDev	4.4884	2.9145	2.7401	1.6198	293.23	110.26	96.30
%RSD	1.517879	.9821217	.9000900	.5317377	1.195027	.5988432	.6553047
#1	292.5315	294.6997	302.4927	303.4742	24329.93	18334.94	14626.91
#2	298.8791	298.8214	306.3679	305.7649	24744.61	18490.88	14763.09

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	203.7756	996.7858	29935.04	297.5618	976.1943	494.7253	987.5373
SDev	2.7420	24.1500	148.39	1.7364	12.9707	7.6453	9.3795
%RSD	1.345589	2.422792	.4957028	.5835541	1.328699	1.545365	.9497892
#1	201.8367	979.7092	29830.12	296.3339	967.0227	489.3192	980.9050
#2	205.7144	1013.862	30039.97	298.7896	985.3660	500.1313	994.1697

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	948.1310	978.4689	975.0580	496.9288	490.3104	302.5389	297.9834
SDev	5.4499	14.3681	12.2732	8.9930	4.9456	3.0875	4.1053
%RSD	.5748010	1.468428	1.258715	1.809715	1.008677	1.020518	1.377698
#1	944.2773	968.3091	966.3796	490.5698	486.8133	300.3557	295.0805
#2	951.9846	988.6287	983.7365	503.2878	493.8075	304.7220	300.8863

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	994.1486	993.3259	-.496534	996.0908
SDev	5.7570	14.0056	.004906	10.5816
%RSD	.5790909	1.409973	.9879946	1.062314
#1	990.0778	983.4224	-.500002	988.6085
#2	998.2194	1003.229	-.493065	1003.573

Method: STL3 Sample Name: LB 220-25340/1-B Operator: NP
Run Time: 03/24/09 14:22:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1326077	-8.01999	-.972279	11.51347	.7744770	.1348524	32.05021
SDev	.1260521	.84209	3.858250	.15427	.0184856	.0119823	.31476
%RSD	95.05641	10.49984	396.8255	1.339887	2.386856	8.885467	.9820906
#1	.0434754	-7.42455	1.755916	11.62256	.7875483	.1433251	31.82764
#2	.2217400	-8.61544	-3.70047	11.40439	.7614057	.1263797	32.27278

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.186663	.2463348	.2570326	2.318438	19.33678	194.3021	3.830230
SDev	.186706	.3432757	.1024298	.057076	.02242	.0000	1.883099
%RSD	100.0226	139.3533	39.85089	2.461827	.1159279	.0000000	49.16412
#1	-.318684	.4890673	.1846038	2.358797	19.32093	194.3021	5.161782
#2	-.054643	.0036022	.3294614	2.278079	19.35263	194.3021	2.498678

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2738158	4.520741	H202391.3	1.252085	1.244923	11.18180	-5.87650
SDev	.0204108	2.591302	913.6	.299319	.422254	1.91986	.65691
%RSD	7.454220	57.32029	.4513993	23.90568	33.91810	17.16954	11.17858
#1	.2593832	6.353068	H203037.3	1.040434	1.543501	9.824250	-5.41199
#2	.2882484	2.688414	H201745.3	1.463736	.9463440	12.53935	-6.34100

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.100907	2.011573	.8614725	14.43622	4.662077	-.546441	9.600897
SDev	4.018581	.477746	.3945498	4.31317	2.873806	.293752	.226231
%RSD	3982.443	23.74986	45.79946	29.87744	61.64217	53.75727	2.356351
#1	2.740658	2.349391	1.140461	11.38635	6.694165	-.754155	9.440928
#2	-2.94247	1.673756	.5824837	17.48610	2.629990	-.338727	9.760866

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	71.36885	-3.71286	.6074770	.8386980
SDev	1.63648	2.82175	.0082236	.2410386
%RSD	2.292996	75.99928	1.353732	28.73962
#1	72.52602	-1.71759	.6016620	1.009138
#2	70.21168	-5.70814	.6132920	.6682579

Method: STL3 Sample Name: 220-8455-A-9-A Operator: NP
Run Time: 03/24/09 14:30:06
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1400663	L-11.5830	-5.68379	-5.31349	.1143742	.1600109	17.36053
SDev	.0714239	1.0358	1.83541	.28881	.0184857	.0000676	.31476
%RSD	50.99294	8.942272	32.29198	5.435485	16.16244	.0422691	1.813098
#1	.0895619	L-12.3154	-4.38596	-5.51772	.1013029	.1600587	17.13796
#2	.1905706	L-10.8506	-6.98163	-5.10927	.1274456	.1599631	17.58310

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.232473	.1953250	.3937232	2.369315	51.72456	44.55335	2.165582
SDev	.130926	.2156487	.1821306	.314157	4.58523	1.75020	1.883100
%RSD	56.31863	110.4051	46.25854	13.25940	8.864716	3.928327	86.95580
#1	-.325052	.0428384	.2649374	2.147172	48.48230	43.31577	.8340300
#2	-.139895	.3478117	.5225090	2.591457	54.96681	45.79093	3.497135

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2594136	.8711062	4475.383	1.134689	.3568369	.2117565	-2.21237
SDev	.0203159	.3186027	34.703	.076724	1.525200	1.463316	.51164
%RSD	7.831469	36.57450	.7754149	6.761638	427.4222	691.0371	23.12640
#1	.2737791	.6458200	4450.844	1.188940	1.435317	1.246477	-2.57415
#2	.2450481	1.096392	4499.921	1.080437	-.721643	-.822964	-1.85058

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.82771	.3556408	.3568345	-.639965	1.916657	-.410643	2.438520
SDev	3.79221	2.440991	1.067992	3.264798	2.145200	.768652	.300318
%RSD	207.4847	686.3641	299.2962	510.1523	111.9240	187.1827	12.31557
#1	.8537919	2.081682	1.112019	1.668595	.3997715	-.954162	2.650877
#2	-4.50921	-1.37040	-.398350	-2.94853	3.433542	.1328765	2.226164

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	220.8556	-2.09951	.0287335	.5503010
SDev	.9942	1.74077	.0041217	.0401417
%RSD	.4501518	82.91274	14.34459	7.294502
#1	221.5586	-.868608	.0316480	.5219164
#2	220.1526	-3.33042	.0258190	.5786854

Method: STL3 Sample Name: CCV4 Operator: NP
Run Time: 03/24/09 14:35:51
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.74989	4885.660	513.0019	486.6299	497.7043	494.1052	18360.77
SDev	.46795	18.327	1.3860	.8644	1.4927	2.2129	104.82
%RSD	.9042585	.3751276	.2701721	.1776382	.2999251	.4478563	.5708778
#1	51.41900	4872.701	512.0219	486.0187	496.6488	492.5404	18286.65
#2	52.08078	4898.620	513.9820	487.2412	498.7599	495.6699	18434.88

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	496.2792	500.0745	503.7301	495.7688	4980.071	37938.42	18515.93
SDev	1.2461	2.2862	3.2634	1.9989	5.502	171.52	61.69
%RSD	.2510865	.4571733	.6478553	.4031923	.1104769	.4521093	.3331627
#1	495.3981	498.4579	501.4225	494.3554	4976.181	37817.13	18472.31
#2	497.1603	501.6911	506.0377	497.1823	4983.961	38059.70	18559.55

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.2907	503.7847	39028.88	497.4437	491.1315	489.5562	488.6254
SDev	1.8348	6.9668	158.97	1.3074	1.7125	5.6448	4.5644
%RSD	.3624074	1.382887	.4073046	.2628317	.3486851	1.153047	.9341235
#1	504.9933	498.8585	38916.48	496.5192	489.9206	485.5648	485.3979
#2	507.5882	508.7110	39141.29	498.3682	492.3424	493.5477	491.8529

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	481.7242	488.3863	492.5011	491.2293	486.2041	495.3349	501.6083
SDev	7.8973	2.5125	1.3131	6.1458	4.6413	2.5666	2.7762
%RSD	1.639380	.5144464	.2666217	1.251105	.9546069	.5181646	.5534608
#1	476.1400	486.6098	491.5726	486.8836	482.9221	493.5200	499.6452
#2	487.3084	490.1630	493.4296	495.5750	489.4860	497.1498	503.5714

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	503.8725	495.7125	505.4789	490.6163
SDev	6.7151	4.2334	1.2118	.8904
%RSD	1.332698	.8539953	.2397247	.1814949
#1	499.1242	492.7191	504.6220	489.9867
#2	508.6208	498.7059	506.3357	491.2459

Method: STL3 Sample Name: CCB4 Operator: NP
Run Time: 03/24/09 14:41:38
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1946485	-16.2043	-5.63338	.2439993	.0163392	.2019802	1.112854
SDev	.1484563	3.7812	1.29636	.4629770	.0184857	.0357503	.314763
%RSD	76.26894	23.33457	23.01218	189.7452	113.1371	17.69992	28.28428
#1	.2996230	-13.5306	-4.71671	.5713735	.0032678	.2272595	1.335425
#2	.0896740	-18.8780	-6.55005	-.083375	.0294105	.1767009	.8902830

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.021990	-.232851	.1447382	.2868370	13.99789	13.61356	.8323702
SDev	.148875	.090887	.1250311	.1858005	3.25667	3.50045	.0000000
%RSD	676.9990	39.03215	86.38430	64.77562	23.26546	25.71299	.0000051
#1	-.127261	-.297118	.2331485	.4182178	16.30071	11.13836	.8323701
#2	.0832799	-.168585	.0563279	.1554563	11.69507	16.08875	.8323702

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0144328	3.319215	-14.1879	.9444678	1.962952	4.324489	3.387424
SDev	.0000014	.892087	.2964	.3427540	.575771	.447173	2.502941
%RSD	.0096002	26.87646	2.089179	36.29070	29.33192	10.34049	73.88922
#1	.0144318	3.950016	-13.9783	.7021042	1.555820	4.640688	5.157270
#2	.0144338	2.688414	-14.3974	1.186832	2.370084	4.008289	1.617577

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.41694	.5555484	2.664799	3.106809	6.762503	.2092235	.5295126
SDev	7.44230	1.784442	.027658	.141018	1.060404	.0153939	.2995830
%RSD	168.4945	321.2038	1.037906	4.538986	15.68064	7.357616	56.57712
#1	.8455618	-.706243	2.684356	3.206524	7.512322	.1983384	.7413498
#2	-9.67943	1.817340	2.645242	3.007095	6.012684	.2201086	.3176754

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-4.62846	3.375414	.0087061	.4081194
SDev	2.48983	4.382631	.0000066	.2446767
%RSD	53.79385	129.8398	.0759220	59.95222
#1	-2.86789	6.474402	.0087014	.5811320
#2	-6.38904	.2764265	.0087107	.2351069

Method: STL3 Sample Name: 220-8455-A-23-A Operator: NP
Run Time: 03/24/09 14:47:23
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1478774	L-10.0973	-2.92364	-5.06690	.1437847	.1853137	26.59723
SDev	.0165613	4.8366	1.37567	.40524	.0046214	.0357091	.78691
%RSD	11.19933	47.90022	47.05336	7.997730	3.214126	19.26954	2.958599
#1	.1361668	L-13.5173	-3.89639	-4.78035	.1405169	.1600636	26.04080
#2	.1595880	-6.67730	-1.95089	-5.35344	.1470526	.2105639	27.15365

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.086487	-.130611	.5303833	2.764074	41.58974	45.79093	3.164731
SDev	.203102	.244388	.0114050	.081697	.55961	.00000	.000065
%RSD	234.8358	187.1111	2.150336	2.955671	1.345549	.0000000	.0020562
#1	-.230102	.0421972	.5384479	2.821842	41.19403	45.79093	3.164685
#2	.0571280	-.303419	.5223187	2.706306	41.98544	45.79093	3.164777

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3242752	1.156468	4486.056	1.578200	.2187070	2.165039	.9947395
SDev	.0101710	.509764	19.837	.352561	.4797179	.946742	.5674927
%RSD	3.136521	44.07939	.4421841	22.33942	219.3427	43.72863	57.04937
#1	.3170833	.7960107	4472.029	1.328902	-.120505	1.495591	1.396017
#2	.3314672	1.516926	4500.083	1.827498	.5579188	2.834486	.5934616

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.09469	.5654591	.0449413	1.597181	3.301359	-.425004	1.749414
SDev	.44592	.7009202	1.069223	2.438597	2.041591	.241536	.374856
%RSD	21.28790	123.9560	2379.157	152.6814	61.84092	56.83143	21.42750
#1	-2.41000	1.061084	-.711113	-.127168	4.744982	-.254212	1.484351
#2	-1.77938	.0698336	.8009958	3.321529	1.857736	-.595796	2.014477

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	228.2156	1.742191	.0518180	.8240067
SDev	.3518	6.033162	.0041316	.0328765
%RSD	.1541360	346.2974	7.973313	3.989831
#1	227.9669	6.008281	.0547395	.8472539
#2	228.4643	-2.52390	.0488965	.8007595

Method: STL3 Sample Name: 220-8403-C-1-A Operator: NP
Run Time: 03/24/09 14:53:08
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1139587	1831.367	-2.85586	54.58538	62.23266	.2719344	20471.85
SDev	.3245158	18.487	2.85705	.61267	.55919	.0355105	285.18
%RSD	284.7661	1.009487	100.0417	1.122413	.8985512	13.05846	1.393012
#1	-.115509	1818.295	-4.87610	54.15215	61.83725	.2970441	20270.20
#2	.3434260	1844.440	-.835621	55.01860	62.62806	.2468247	20673.50

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.088429	1.375122	20.14649	17.78641	2678.520	22315.04	6094.888
SDev	.004757	.124420	.59046	.31391	48.498	129.52	52.746
%RSD	5.379830	9.047935	2.930849	1.764870	1.810611	.5803940	.8654097
#1	-.091793	1.463100	19.72897	17.56444	2644.227	22223.46	6057.591
#2	-.085065	1.287143	20.56401	18.00837	2712.813	22406.62	6132.185

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	174.3304	7.494517	88046.53	6.054548	23.67693	2.895162	-.835252
SDev	2.3952	.552245	277.78	.180208	2.36650	3.292349	1.308556
%RSD	1.373926	7.368650	.3154951	2.976403	9.994946	113.7190	156.6660
#1	172.6367	7.104021	87850.11	5.927122	22.00356	.5671194	-1.76054
#2	176.0240	7.885013	88242.95	6.181974	25.35030	5.223204	.0900369

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.51268	26.07629	22.47825	3.959485	.7621186	9.890647	33.71499
SDev	1.20611	.37443	3.36104	5.704138	1.538472	.153129	.52244
%RSD	79.73296	1.435892	14.95239	144.0626	201.8679	1.548216	1.549578
#1	-2.36553	25.81153	20.10164	-.073950	1.849983	9.782369	33.34557
#2	-.659836	26.34105	24.85486	7.992919	-.325746	9.998925	34.08441

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6390.014	-5.29568	130.5959	89.30164
SDev	69.066	.77842	1.1215	.85825
%RSD	1.080845	14.69920	.8587912	.9610657
#1	6341.177	-4.74525	129.8028	88.69476
#2	6438.851	-5.84611	131.3889	89.90851

Method: STL3 Sample Name: 220-8403-C-1-B DU Operator: NP
Run Time: 03/24/09 14:58:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3268659	1640.439	-4.76147	50.07552	60.64775	.3290546	19816.71
SDev	.1209178	6.321	2.35224	.07472	.06470	.0001598	330.03
%RSD	36.99310	.3853433	49.40167	.1492105	.1066813	.0485569	1.665404
#1	.4123678	1635.969	-6.42475	50.02268	60.60200	.3289416	19583.35
#2	.2413641	1644.908	-3.09818	50.12835	60.69350	.3291675	20050.08

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1055217	2.070843	19.77920	15.90244	2464.642	21899.21	5923.230
SDev	.1830651	.273283	.70465	.02308	19.228	17.50	20.481
%RSD	173.4857	13.19670	3.562591	.1451580	.7801365	.0799219	.3457782
#1	.2349683	1.877603	19.28094	15.91876	2451.046	21886.83	5908.748
#2	-.023925	2.264083	20.27747	15.88611	2478.238	21911.59	5937.712

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	167.8153	7.194136	86470.53	5.701942	22.04048	3.747836	.4842187
SDev	.1732	.849607	327.69	.448642	1.81603	3.678989	.2058756
%RSD	.1031991	11.80972	.3789664	7.868238	8.239516	98.16300	42.51707
#1	167.6928	7.794899	86238.82	5.384704	20.75635	1.146398	.6297948
#2	167.9377	6.593373	86702.25	6.019180	23.32460	6.349274	.3386427

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.103422	23.43315	21.34438	5.052928	1.132637	9.979014	32.45839
SDev	5.949335	3.83880	.80616	5.925800	.821516	.873384	.97530
%RSD	97.47540	16.38193	3.776909	117.2746	72.53124	8.752206	3.004765
#1	10.31024	20.71871	20.77435	.8627549	1.713536	10.59659	31.76875
#2	1.896607	26.14759	21.91443	9.243101	.5517377	9.361439	33.14803

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6042.329	-3.08045	127.8773	81.64677
SDev	42.236	1.59158	.0522	.31494
%RSD	.6989990	51.66726	.0408246	.3857383
#1	6012.463	-4.20587	127.9142	81.42407
#2	6072.194	-1.95503	127.8404	81.86947

Method: STL3 Sample Name: 220-8403-C-1-C MS Operator: NP
Run Time: 03/24/09 15:04:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.33755	3745.836	33.30096	1062.808	1945.865	49.19533	28475.61
SDev	.23195	9.918	.23784	5.012	.032	.32159	256.06
%RSD	.4798588	.2647869	.7142229	.4716281	.0016590	.6537097	.8992196
#1	48.17353	3738.823	33.13278	1059.263	1945.888	48.96793	28294.55
#2	48.50156	3752.850	33.46914	1066.352	1945.842	49.42273	28656.67

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.64102	466.6801	205.0656	259.1177	3223.304	32343.26	15275.52
SDev	.21395	3.5450	1.5233	.0667	11.656	40.26	35.80
%RSD	.4587212	.7596271	.7428181	.0257583	.3616124	.1244629	.2343487
#1	46.48974	464.1734	203.9884	259.0705	3215.062	32371.72	15250.20
#2	46.79231	469.1868	206.1427	259.1649	3231.546	32314.79	15300.83

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	632.6560	1016.626	92326.42	471.5174	39.47539	50.54903	1104.508
SDev	2.5687	8.751	27.43	.6235	.64495	.77835	2.300
%RSD	.4060116	.8607892	.0297076	.1322254	1.633791	1.539788	.2082137
#1	630.8397	1010.438	92345.82	471.0765	39.01934	49.99866	1102.882
#2	634.4724	1022.814	92307.03	471.9582	39.93143	51.09941	1106.134

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.41361	41.55930	38.43409	51.66588	48.31100	480.7537	493.0164
SDev	.13463	.75156	1.34215	1.69190	1.05150	2.6344	3.5989
%RSD	.2780826	1.808397	3.492081	3.274700	2.176528	.5479747	.7299782
#1	48.50881	42.09073	37.48505	50.46952	49.05452	478.8909	490.4716
#2	48.31842	41.02787	39.38314	52.86224	47.56747	482.6166	495.5612

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7145.203	1010.566	125.5946	1074.979
SDev	39.868	2.105	.1222	2.710
%RSD	.5579685	.2082527	.0972866	.2521300
#1	7117.012	1009.078	125.5082	1073.063
#2	7173.394	1012.054	125.6810	1076.896

Method: STL3 Sample Name: 220-8403-C-1-D MSD Operator: NP
Run Time: 03/24/09 15:10:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.68642	3854.599	33.37157	1091.762	1985.272	50.78900	29917.20
SDev	.27568	38.253	2.00205	10.351	7.625	.52405	436.10
%RSD	.5548333	.9923987	5.999258	.9480861	.3840895	1.031814	1.457703
#1	49.49149	3827.550	31.95591	1084.443	1979.880	50.41845	29608.83
#2	49.88135	3881.648	34.78723	1099.081	1990.664	51.15956	30225.57

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.28667	482.2354	212.7882	265.3227	3418.717	33260.32	15727.27
SDev	.28686	5.1018	3.0588	1.6150	38.091	290.54	105.25
%RSD	.5940775	1.057956	1.437494	.6086875	1.114181	.8735275	.6691967
#1	48.08382	478.6278	210.6253	264.1808	3391.783	33054.88	15652.85
#2	48.48951	485.8429	214.9511	266.4647	3445.651	33465.76	15801.69

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	657.3700	1038.118	95035.52	488.8541	40.63290	53.59157	1129.112
SDev	3.2110	7.285	584.29	6.3857	1.07947	1.41223	12.397
%RSD	.4884590	.7017883	.6148135	1.306253	2.656645	2.635174	1.097941
#1	655.0995	1032.967	94622.36	484.3388	39.86960	52.59297	1120.346
#2	659.6405	1043.270	95448.67	493.3695	41.39621	54.59016	1137.878

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.00054	43.53701	39.18233	54.55728	51.65615	494.8351	514.3325
SDev	.27030	2.39387	2.81340	2.15675	.07889	4.4948	6.7511
%RSD	.5631261	5.498480	7.180278	3.953181	.1527282	.9083329	1.312597
#1	48.19168	45.22973	37.19295	53.03223	51.71193	491.6568	509.5587
#2	47.80941	41.84428	41.17170	56.08233	51.60036	498.0134	519.1062

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7431.411	1041.668	130.9649	1096.982
SDev	72.827	8.650	.5793	4.375
%RSD	.9799864	.8304292	.4423352	.3988498
#1	7379.915	1035.552	130.5553	1093.888
#2	7482.907	1047.785	131.3746	1100.075

Method: STL3 Sample Name: 220-8403-C-1-A SD@5 Operator: NP
Run Time: 03/24/09 15:16:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2262165	334.1748	-6.49238	11.55759	12.58117	.2395641	4048.788
SDev	.0665220	1.7722	.29855	.82880	.03235	.0595889	36.827
%RSD	29.40635	.5303185	4.598476	7.171021	.2571349	24.87387	.9095862
#1	.2732546	335.4279	-6.70349	12.14364	12.55829	.2816998	4022.747
#2	.1791783	332.9217	-6.28128	10.97154	12.60404	.1974284	4074.828

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.040680	.1074089	3.911938	3.864858	541.8372	3535.804	1203.366
SDev	.195532	.0404039	.216032	.265791	9.4774	7.001	4.942
%RSD	480.6599	37.61688	5.522368	6.877123	1.749124	.1979976	.4106940
#1	.0975820	.1359788	3.759180	4.052800	548.5387	3540.754	1199.871
#2	-.178942	.0788391	4.064695	3.676915	535.1356	3530.853	1206.861

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.16305	6.653449	21234.55	2.082063	5.121475	2.957622	.1670815
SDev	.21406	4.885241	51.51	.210599	1.083996	2.896068	2.173929
%RSD	.6087720	73.42418	.2425684	10.11492	21.16571	97.91880	1301.119
#1	35.31442	10.10784	21270.97	2.230979	5.887976	5.005451	1.704281
#2	35.01169	3.199062	21198.13	1.933147	4.354974	.9097925	-1.37012

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.445460	5.342695	5.010431	3.695878	1.477692	2.625708	6.911679
SDev	3.047542	3.007255	.123809	3.546762	1.593007	.347417	.222677
%RSD	68.55403	56.28723	2.471016	95.96537	107.8037	13.23136	3.221754
#1	2.290523	7.469146	5.097977	6.203817	2.604118	2.871369	7.069136
#2	6.600398	3.216245	4.922885	1.187938	.3512657	2.380047	6.754222

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1263.936	-1.24072	26.33313	18.55733
SDev	10.341	2.79234	.05838	.59174
%RSD	.8181450	225.0580	.2217074	3.188693
#1	1256.624	.7337620	26.37441	18.97576
#2	1271.248	-3.21520	26.29185	18.13891

Method: STL3 Sample Name: 220-8403-D-1-E Operator: NP
Run Time: 03/24/09 15:21:52
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1967953	64.86428	-4.53138	51.25317	18.14302	.2434497	19810.70
SDev	.1152320	3.47151	2.68668	.63745	.09705	.0000635	190.90
%RSD	58.55424	5.351957	59.29041	1.243721	.5349222	.0260854	.9636388
#1	.1153140	67.31901	-2.63162	51.70392	18.07440	.2434946	19675.72
#2	.2782766	62.40955	-6.43115	50.80243	18.21165	.2434048	19945.69

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1672902	.3784068	18.01374	12.93144	27.82647	22295.24	4965.325
SDev	.2586934	.2433220	.00012	.05872	4.04710	164.52	34.840
%RSD	154.6375	64.30172	.0006664	.4541105	14.54406	.7379141	.7016562
#1	-.015634	.2063521	18.01365	12.88992	24.96474	22178.91	4940.690
#2	.3502141	.5504614	18.01382	12.97296	30.68820	22411.57	4989.960

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.07746	8.455738	88009.91	2.534284	5.853733	2.808225	.1358631
SDev	.01022	1.189450	488.67	.207085	.755497	4.000098	.6069000
%RSD	.0535875	14.06678	.5552397	8.171349	12.90625	142.4422	446.6999
#1	19.07023	9.296806	87664.38	2.387852	5.319516	5.636721	.5650062
#2	19.08469	7.614669	88355.45	2.680715	6.387950	-.020272	-.293280

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.124204	9.175806	4.194586	3.658758	1.103402	6.809771	10.83340
SDev	3.346474	.525020	.870564	6.287684	.581945	.333109	.15041
%RSD	297.6749	5.721781	20.75446	171.8529	52.74099	4.891631	1.388425
#1	3.490519	8.804562	3.579005	8.104822	.6919047	6.574227	10.72705
#2	-1.24211	9.547051	4.810168	-.787306	1.514899	7.045314	10.93976

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4036.416	-2.99124	128.0724	.6927913
SDev	26.211	.11999	.2264	.1312761
%RSD	.6493660	4.011328	.1768072	18.94887
#1	4017.882	-3.07609	127.9123	.7856175
#2	4054.950	-2.90640	128.2325	.5999651

Method: STL3 Sample Name: 220-8403-D-1-G MS Operator: NP
Run Time: 03/24/09 15:27:37
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.88551	2123.629	34.29194	1117.213	1979.628	51.94968	28850.75
SDev	.45151	4.479	3.94550	11.111	6.345	.08385	140.07
%RSD	.8873152	.2109114	11.50562	.9945166	.3205263	.1614087	.4854913
#1	50.56623	2120.462	31.50205	1109.356	1975.142	51.89039	28751.71
#2	51.20477	2126.796	37.08183	1125.069	1984.115	52.00897	28949.80

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.49763	486.7443	213.5762	263.8287	1035.423	32339.54	14875.60
SDev	.31821	3.1089	1.1708	1.1262	8.987	56.01	66.40
%RSD	.6428890	.6387160	.5481885	.4268582	.8679337	.1731825	.4463755
#1	49.27261	484.5459	212.7483	263.0324	1029.068	32379.15	14828.65
#2	49.72264	488.9426	214.4041	264.6251	1041.777	32299.94	14922.56

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	515.5443	1073.338	92296.13	495.3328	25.26835	53.12538	1173.249
SDev	2.6909	6.712	114.55	.6783	.17773	.48257	8.910
%RSD	.5219495	.6253300	.1241128	.1369467	.7033817	.9083655	.7594115
#1	513.6416	1068.592	92215.13	494.8532	25.39402	53.46661	1166.949
#2	517.4471	1078.084	92377.13	495.8125	25.14267	52.78415	1179.549

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.92687	25.97916	24.91267	53.50153	52.37096	499.7487	502.5165
SDev	.08486	1.40165	.96624	.22282	1.00285	1.5266	2.0990
%RSD	.1808406	5.395288	3.878510	.4164765	1.914901	.3054775	.4176906
#1	46.86686	24.98804	25.59591	53.65909	53.08009	498.6692	501.0323
#2	46.98688	26.97028	24.22944	53.34397	51.66184	500.8282	504.0007

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4927.265	1086.786	122.0397	1061.276
SDev	27.397	6.487	.0382	3.119
%RSD	.5560343	.5969099	.0313018	.2938641
#1	4907.892	1082.199	122.0127	1059.071
#2	4946.637	1091.373	122.0667	1063.482

Method: STL3 Sample Name: 220-8403-D-1-H MSD Operator: NP
Run Time: 03/24/09 15:33:22
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.78241	2072.958	36.50372	1073.707	1949.885	51.19239	28346.19
SDev	.13749	14.949	2.00891	5.188	7.750	.23775	176.90
%RSD	.2761801	.7211529	5.503300	.4831759	.3974701	.4644325	.6240539
#1	49.68519	2062.387	37.92423	1070.039	1944.404	51.02427	28221.10
#2	49.87963	2083.529	35.08320	1077.376	1955.365	51.36050	28471.27

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.65202	484.6219	211.0687	260.5320	1010.923	32026.43	14462.09
SDev	.42362	2.1842	.4674	1.2677	.992	218.78	68.27
%RSD	.8707163	.4507068	.2214419	.4865696	.0981191	.6831118	.4720592
#1	48.35247	483.0774	210.7382	259.6356	1011.625	31871.74	14413.82
#2	48.95156	486.1664	211.3992	261.4283	1010.222	32181.13	14510.37

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.0594	1043.841	91266.90	487.9792	23.70470	52.47488	1130.218
SDev	.3163	2.676	362.67	2.6086	.45034	1.19345	7.707
%RSD	.0620139	.2563850	.3973713	.5345720	1.899803	2.274327	.6818776
#1	509.8358	1041.948	91010.45	486.1346	23.38627	51.63099	1124.769
#2	510.2831	1045.733	91523.34	489.8237	24.02315	53.31878	1135.668

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.13836	23.80158	23.65544	54.23186	48.95466	494.4349	495.8942
SDev	.45734	.82292	1.08602	.36305	4.31112	3.7808	1.7253
%RSD	.9500556	3.457410	4.590994	.6694323	8.806357	.7646760	.3479255
#1	47.81497	24.38347	22.88751	54.48857	45.90624	491.7614	494.6742
#2	48.46175	23.21969	24.42337	53.97514	52.00308	497.1083	497.1142

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4803.998	1043.399	120.6361	1021.788
SDev	17.238	2.282	.2926	.800
%RSD	.3588363	.2187205	.2425188	.0782545
#1	4791.809	1041.786	120.4292	1021.222
#2	4816.188	1045.013	120.8430	1022.353

Method: STL3 Sample Name: 220-8403-C-2-A Operator: NP
Run Time: 03/24/09 15:39:07
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0947883	1046.527	-.817955	34.68886	84.50949	.2893828	61211.01
SDev	.1045289	.309	.848139	.32982	.72094	.0237127	415.17
%RSD	110.2761	.0295606	103.6901	.9508001	.8530929	8.194228	.6782576
#1	.0208753	1046.745	-.218230	34.92208	83.99970	.2726153	60917.44
#2	.1687014	1046.308	-1.41768	34.45564	85.01927	.3061501	61504.58

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.060819	2.515188	2.125577	10.39047	2626.217	3326.650	13310.83
SDev	.009571	.270210	.191898	.30374	14.084	8.751	94.90
%RSD	15.73667	10.74314	9.028068	2.923300	.5362963	.2630667	.7129176
#1	-.067586	2.324120	1.989884	10.17569	2616.258	3320.462	13243.73
#2	-.054051	2.706255	2.261269	10.60525	2636.176	3332.838	13377.93

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1515.483	4.941275	18781.53	3.595539	17.80323	1.203828	1.191336
SDev	4.240	3.143546	64.09	.384508	.34401	1.760095	.602310
%RSD	.2797708	63.61812	.3412607	10.69403	1.932313	146.2082	50.55752
#1	1512.485	7.164097	18736.21	3.323650	17.55997	2.448403	.7654383
#2	1518.481	2.718452	18826.85	3.867427	18.04648	-.040747	1.617233

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.002139	19.95836	16.72653	2.283404	-.959767	7.897496	17.57801
SDev	1.049282	2.00804	1.51821	1.269947	2.741862	.057879	.22536
%RSD	52.40805	10.06114	9.076634	55.61639	285.6799	.7328833	1.282069
#1	1.260185	21.37826	15.65299	3.181392	.9790219	7.938423	17.41865
#2	2.744093	18.53846	17.80006	1.385416	-2.89856	7.856569	17.73736

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	5225.380	-6.78096	302.4637	54.56534
SDev	28.057	3.12179	.2012	.38301
%RSD	.5369321	46.03759	.0665075	.7019371
#1	5205.541	-4.57352	302.3214	54.83617
#2	5245.219	-8.98840	302.6059	54.29451

Method: STL3 Sample Name: CCV5 Operator: NP
Run Time: 03/24/09 15:44:53
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.75284	4902.688	508.3612	487.4367	496.9364	494.5420	18336.95
SDev	.34145	3.094	3.1134	1.8502	2.0796	2.5460	104.50
%RSD	.6597761	.0630999	.6124346	.3795774	.4184900	.5148282	.5698945
#1	51.51140	4900.500	506.1597	486.1284	495.4659	492.7417	18263.06
#2	51.99428	4904.875	510.5627	488.7450	498.4069	496.3424	18410.84

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	493.7481	496.9407	502.9348	495.0057	4990.634	38015.15	18525.23
SDev	1.3430	1.9153	2.6609	.1490	13.983	154.02	66.39
%RSD	.2720103	.3854103	.5290805	.0301102	.2801773	.4051529	.3583947
#1	492.7984	495.5864	501.0532	494.9004	5000.521	37906.24	18478.29
#2	494.6977	498.2949	504.8163	495.1112	4980.747	38124.06	18572.18

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.6602	498.5131	39112.07	497.2477	491.3740	489.1584	491.0090
SDev	1.5393	6.2659	115.15	2.9855	2.6865	4.0765	4.6308
%RSD	.3056158	1.256910	.2943980	.6004097	.5467368	.8333706	.9431250
#1	502.5718	494.0824	39030.65	495.1367	489.4743	486.2759	487.7345
#2	504.7486	502.9437	39193.49	499.3588	493.2736	492.0409	494.2835

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	483.7214	487.6363	493.2392	489.8914	487.6891	494.9830	500.3883
SDev	11.7554	2.2297	2.9146	3.8878	4.4545	2.6336	3.0027
%RSD	2.430198	.4572402	.5909130	.7936030	.9133860	.5320608	.6000784
#1	492.0337	486.0597	491.1782	487.1423	484.5393	493.1207	498.2650
#2	475.4091	489.2129	495.3001	492.6404	490.8389	496.8452	502.5115

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	510.6442	496.6645	504.0623	487.8396
SDev	1.8479	1.0817	.8949	1.1645
%RSD	.3618828	.2177885	.1775396	.2387009
#1	511.9509	495.8997	503.4295	487.0162
#2	509.3375	497.4294	504.6951	488.6630

Method: STL3 Sample Name: CCB5 Operator: NP
Run Time: 03/24/09 15:50:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1558535	-21.4157	-4.39122	1.458531	.0686245	.2860810	2.782136
SDev	.0058840	4.2057	2.35042	.019098	.0277285	.0119681	.157381
%RSD	3.775364	19.63832	53.52539	1.309417	40.40610	4.183475	5.656830
#1	.1600141	-24.3896	-2.72922	1.445026	.0882316	.2945437	2.893421
#2	.1516928	-18.4418	-6.05321	1.472035	.0490175	.2776182	2.670851

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0365350	-.361812	.2815402	.3112652	12.85107	21.03910	2.330747
SDev	.3186070	.406453	.2956218	.0801632	.51410	3.50045	1.647826
%RSD	872.0601	112.3384	105.0016	25.75397	4.000463	16.63784	70.69947
#1	.2618241	-.074406	.0725040	.3679491	13.21460	23.51430	3.495936
#2	-.188754	-.649217	.4905764	.2545813	12.48755	18.56391	1.165558

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0577225	4.055150	-11.7533	.9676449	-.478664	4.067908	3.813820
SDev	.0000081	3.207267	.0456	1.103015	.249169	3.114403	2.779168
%RSD	.0139963	79.09120	.3879475	113.9897	52.05512	76.56030	72.87098
#1	.0577167	6.323029	-11.7211	.1876953	-.302475	6.270124	5.778988
#2	.0577282	1.787270	-11.7856	1.747595	-.654854	1.865693	1.848651

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.318815	-1.88812	.2244070	3.363206	5.478429	.7407023	.0521295
SDev	2.901512	.81800	.0348190	3.486080	2.369933	.0897719	.0734921
%RSD	220.0091	43.32345	15.51599	103.6535	43.25935	12.11983	140.9797
#1	-.732864	-1.30971	.1997863	5.828237	7.154224	.6772240	.1040963
#2	3.370493	-2.46653	.2490277	.8981751	3.802633	.8041806	.0001628

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-5.78110	.7224905	.0406789	.5165846
SDev	.58495	2.191472	.0123420	.2739717
%RSD	10.11836	303.3219	30.33997	53.03520
#1	-6.19473	2.272095	.0494060	.7103118
#2	-5.36748	-.827114	.0319518	.3228574

Method: STL3 Sample Name: 220-8403-D-2-B Operator: NP
Run Time: 03/24/09 15:56:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0318701	-8.95560	-4.60476	31.35019	53.47813	.2354850	57764.27
SDev	.0429710	1.45192	1.55832	.46265	.00924	.0833684	519.05
%RSD	134.8317	16.21240	33.84142	1.475735	.0172855	35.40285	.8985602
#1	.0622552	-9.98226	-3.50287	31.02305	53.48466	.2944353	57397.25
#2	.0014850	-7.92894	-5.70666	31.67733	53.47159	.1765346	58131.30

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1020423	1.841818	-.291731	7.026088	33.77731	3206.604	12590.91
SDev	.0269050	.276333	.292903	.058052	1.05633	10.501	41.96
%RSD	26.36651	15.00329	100.4017	.8262407	3.127323	.3274896	.3332422
#1	.1210670	1.646421	-.498844	7.067137	33.03037	3199.178	12561.24
#2	.0830176	2.037215	-.084617	6.985039	34.52424	3214.029	12620.58

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1411.796	1.682136	19004.30	1.842451	3.446445	.9326280	.5185639
SDev	8.714	.021240	49.25	.154038	1.195141	4.796037	.3756096
%RSD	.6172601	1.262685	.2591533	8.360511	34.67750	514.2497	72.43266
#1	1405.634	1.667117	18969.47	1.733529	2.601352	-2.45868	.7841600
#2	1417.958	1.697155	19039.12	1.951372	4.291537	4.323938	.2529678

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.527694	4.461529	2.938864	1.359773	.0760543	2.042254	9.205591
SDev	3.042815	1.608077	.988983	6.185267	2.013406	1.012473	.149478
%RSD	199.1770	36.04318	33.65187	454.8748	2647.326	49.57623	1.623771
#1	3.679289	3.324447	2.239548	-3.01387	-1.34764	1.326328	9.099894
#2	-.623901	5.598611	3.638180	5.733417	1.499747	2.758180	9.311288

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	3651.057	-8.06382	292.1306	.6067429
SDev	17.082	2.43123	.5035	.0127801
%RSD	.4678669	30.14983	.1723495	2.106339
#1	3638.978	-6.34468	291.7746	.5977060
#2	3663.135	-9.78295	292.4866	.6157798

Method: STL3 Sample Name: 220-8403-C-3-A Operator: NP
Run Time: 03/24/09 16:02:11
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.147401	H115004.5	8.306450	183.8052	1695.830	7.041361	H225527.3
SDev	.071104	407.5	2.346210	1.3678	3.850	.018577	2288.3
%RSD	48.23872	.3543417	28.24564	.7441379	.2270063	.2638266	1.014653
#1	-.197679	H114716.4	9.965470	182.8381	1693.108	7.028225	H223909.2
#2	-.097123	H115292.7	6.647429	184.7724	1698.552	7.054497	H227145.4

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4335041	66.25980	122.6325	264.9097	H191283.4	67531.74	H121683.7
SDev	.0672380	.77247	.9619	1.9318	1020.4	136.52	836.4
%RSD	15.51036	1.165820	.7843611	.7292422	.5334721	.2021506	.6873894
#1	.3859596	65.71358	121.9523	263.5437	H190561.8	67435.21	H121092.3
#2	.4810486	66.80602	123.3126	266.2757	H192004.9	67628.27	H122275.2

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8096.044	1.171488	H122430.2	138.9241	134.8879	10.58686	11.45685
SDev	44.499	.191162	43.1	.7029	.4107	1.20924	.49070
%RSD	.5496436	16.31784	.0352356	.5059434	.3044394	11.42211	4.283020
#1	8064.578	1.306659	H122460.7	138.4271	134.5975	11.44193	11.80383
#2	8127.510	1.036316	H122399.7	139.4211	135.1783	9.731800	11.10988

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-12.0035	149.3133	127.6852	10.14105	11.47883	199.6767	1079.715
SDev	.1796	3.2753	2.2509	4.07575	4.53237	1.8306	11.938
%RSD	1.496615	2.193590	1.762824	40.19057	39.48458	.9167793	1.105698
#1	L-12.1306	151.6293	126.0936	13.02304	8.273964	198.3823	1071.273
#2	L-11.8765	146.9973	129.2768	7.259061	14.68370	200.9711	1088.157

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	H126563.9	L-29.9601	842.4868	9193.915
SDev	1088.1	1.5052	2.8901	29.837
%RSD	.8596972	5.024001	.3430440	.3245254
#1	H125794.5	L-28.8957	840.4432	9172.817
#2	H127333.3	L-31.0244	844.5304	9215.013

Method: STL3 Sample Name: 220-8403-D-3-B Operator: NP
Run Time: 03/24/09 16:07:56
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.125568	40.79095	-3.19476	152.5570	71.51331	.2366217	H191371.1
SDev	.468579	3.04870	.35961	3.3367	.86420	.0588694	4226.3
%RSD	373.1682	7.473954	11.25626	2.187171	1.208451	24.87909	2.208437
#1	-.456903	38.63519	-3.44905	150.1976	70.90222	.1949948	H188382.7
#2	.2057676	42.94670	-2.94048	154.9163	72.12439	.2782487	H194359.6

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0013109	.1597798	.0090628	5.265320	24.70993	20197.52	44563.75
SDev	.1652928	.7763769	.7007477	.314046	9.16099	68.26	674.98
%RSD	12608.97	485.9042	7732.110	5.964417	37.07410	.3379587	1.514646
#1	-.115569	-.389202	-.486441	5.043256	18.23214	20149.25	44086.46
#2	.1181906	.7087612	.5045663	5.487383	31.18773	20245.78	45041.03

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	716.8415	1.096392	H109635.9	3.190846	5.378126	7.145590	-1.00063
SDev	12.8931	.254882	719.0	.224295	1.456933	1.094218	.57999
%RSD	1.798597	23.24735	.6558277	7.029314	27.08997	15.31319	57.96221
#1	707.7248	.9161633	H109127.5	3.349446	4.347918	7.919319	-1.41074
#2	725.9584	1.276621	H110144.3	3.032246	6.408333	6.371861	-.590518

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.372928	9.309885	3.414394	9.996035	1.435041	-.373627	36.75089
SDev	2.590873	1.434996	2.900730	3.388568	3.501514	.120442	1.94957
%RSD	188.7115	15.41369	84.95592	33.89912	244.0010	32.23588	5.304835
#1	3.204952	10.32458	1.363268	12.39211	-1.04090	-.288462	35.37233
#2	-.459096	8.295189	5.465520	7.599955	3.910985	-.458792	38.12945

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	11072.46	L-33.9318	659.6417	4.460425
SDev	173.85	3.4187	5.8535	2.740041
%RSD	1.570095	10.07530	.8873733	61.43004
#1	10949.53	L-36.3492	655.5026	6.397927
#2	11195.39	L-31.5144	663.7807	2.522924

Method: STL3 Sample Name: 220-8403-C-4-A Operator: NP
Run Time: 03/24/09 16:13:40
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.090110	99873.16	7.863555	9405.617	1126.759	4.185581	H327140.8
SDev	.014861	402.37	.744007	47.467	6.045	.017841	2809.1
%RSD	16.49232	.4028769	9.461456	.5046624	.5364808	.4262393	.8586865
#1	-.100618	99588.65	8.389648	9372.053	1122.485	4.172966	H325154.5
#2	-.079602	H100157.7	7.337463	9439.181	1131.034	4.198196	H329127.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.58147	94.68033	184.2982	284.2697	H173458.6	98804.48	H222440.6
SDev	.33785	.20061	2.0748	.1394	1232.7	278.29	1695.4
%RSD	2.917175	.2118823	1.125776	.0490461	.7106640	.2816524	.7621954
#1	11.82037	94.82218	182.8311	284.1711	H172587.0	98607.70	H221241.8
#2	11.34258	94.53848	185.7653	284.3683	H174330.3	99001.26	H223639.5

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12206.72	4.130245	H218460.8	229.5417	131.6122	.9418006	11.38908
SDev	82.21	.169922	450.4	1.0340	3.1443	1.029546	.61954
%RSD	.6734825	4.114080	.2061619	.4504765	2.389075	109.3167	5.439730
#1	12148.59	4.010092	H218779.2	228.8105	129.3888	1.669799	10.95100
#2	12264.85	4.250398	H218142.3	230.2729	133.8356	.2138018	11.82715

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-22.1080	144.7677	125.0436	4.843319	-6.87415	297.7936	687.4243
SDev	5.6137	1.1390	4.1456	2.507019	1.92984	1.1407	7.1237
%RSD	25.39234	.7867650	3.315341	51.76242	28.07382	.3830569	1.036292
#1	L-18.1385	143.9624	122.1122	6.616049	-8.23875	296.9870	682.3871
#2	L-26.0775	145.5731	127.9750	3.070589	-5.50955	298.6002	692.4615

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	H123692.6	L-31.4158	1441.368	8963.840
SDev	444.8	2.1868	5.867	26.336
%RSD	.3595681	6.960948	.4070283	.2938057
#1	H123378.1	L-32.9621	1437.220	8945.217
#2	H124007.1	L-29.8695	1445.517	8982.462

Method: STL3 Sample Name: 220-8403-D-4-B Operator: NP
Run Time: 03/24/09 16:19:25
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0954928	-8.14650	-6.23453	9381.752	98.63307	.2533315	H317371.7
SDev	.0530116	1.05284	.09037	54.880	.47139	.0125816	2938.0
%RSD	55.51373	12.92383	1.449517	.5849674	.4779193	4.966467	.9257237
#1	.1329777	-8.89097	-6.29843	9342.945	98.29975	.2622280	H315294.2
#2	.0580080	-7.40203	-6.17063	9420.558	98.96639	.2444349	H319449.1

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8734929	11.17331	-2.27462	4.474710	240.7203	40487.86	H171866.6
SDev	.0429291	.20610	.46672	.011498	5.1358	336.04	934.7
%RSD	4.914647	1.844576	20.51863	.2569476	2.133515	.8299808	.5438753
#1	.8431374	11.31904	-2.60465	4.466579	244.3519	40250.24	H171205.6
#2	.9038483	11.02757	-1.94460	4.482840	237.0888	40725.48	H172527.6

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10440.65	2.913700	H212924.4	92.57238	6.378161	1.607244	-3.82090
SDev	65.73	.318603	907.1	.75508	.520269	2.151188	1.73872
%RSD	.6295506	10.93464	.4260233	.8156615	8.157040	133.8433	45.50550
#1	10394.17	2.688414	H212283.0	92.03846	6.010275	.0861236	-5.05036
#2	10487.13	3.138986	H213565.8	93.10630	6.746047	3.128363	-2.59144

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.087102	8.837853	5.149459	5.227580	-5.64540	-1.59687	33.36932
SDev	.935745	1.062751	.249719	2.826713	.79798	.14421	.66995
%RSD	86.07703	12.02499	4.849430	54.07308	14.13497	9.031015	2.007691
#1	.4254303	8.086374	4.972880	3.228791	-6.20965	-1.49490	32.89559
#2	1.748774	9.589331	5.326037	7.226368	-5.08114	-1.69884	33.84305

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	18422.43	L-37.7278	1342.288	3.424722
SDev	82.11	2.3749	7.893	3.037372
%RSD	.4457294	6.294880	.5880178	88.68958
#1	18364.36	L-36.0485	1336.707	5.572468
#2	18480.49	L-39.4072	1347.869	1.276976

Method: STL3 Sample Name: 220-8378-A-1-B Operator: NP
Run Time: 03/24/09 16:25:10
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3148118	255.7644	1.745883	294.7838	59.17396	.3299346	32278.35
SDev	.0929575	.1128	1.408803	1.2068	.35585	.0000923	583.57
%RSD	29.52796	.0441009	80.69286	.4093902	.6013606	.0279885	1.807931
#1	.3805427	255.8441	2.742058	295.6372	58.92234	.3299999	31865.70
#2	.2490809	255.6846	.7497091	293.9305	59.42558	.3298693	32690.99

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.188149	691.3176	28.33557	184.9251	455.8119	8347.565	4145.011
SDev	.063390	11.4869	.78283	1.1526	12.5192	59.507	25.930
%RSD	5.335178	1.661596	2.762696	.6233018	2.746564	.7128720	.6255605
#1	1.143326	683.1952	27.78203	184.1101	446.9595	8305.487	4126.676
#2	1.232973	699.4401	28.88911	185.7401	464.6643	8389.644	4163.346

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	379.8652	.4055148	H201816.2	27.10116	25.39969	10.05788	-7.15872
SDev	5.5446	1.614253	2073.1	.30056	.61631	.34188	.42210
%RSD	1.459617	398.0751	1.027224	1.109016	2.426430	3.399082	5.896304
#1	375.9446	1.546964	H200350.3	26.88864	24.96389	10.29962	-7.45719
#2	383.7859	-.735935	H203282.1	27.31369	25.83548	9.816139	-6.86025

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0344359	27.89889	24.15125	14.55002	1.058907	.9567363	625.0933
SDev	4.048770	.92229	.46340	1.31069	1.598666	.5260461	10.4293
%RSD	11757.42	3.305821	1.918756	9.008174	150.9731	54.98340	1.668433
#1	-2.82848	27.24674	23.82358	15.47682	-.071520	.5847655	617.7186
#2	2.897349	28.55105	24.47893	13.62322	2.189335	1.328707	632.4678

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	617.9336	46.01193	53.46497	8.395186
SDev	3.2246	.78045	.43217	.172809
%RSD	.5218394	1.696194	.8083320	2.058428
#1	620.2138	45.46007	53.15937	8.517381
#2	615.6534	46.56379	53.77056	8.272992

Method: STL3 Sample Name: 220-8378-A-2-B Operator: NP
Run Time: 03/24/09 16:30:55
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1169015	9.947816	-4.18130	31.09938	5.503035	.2778259	965.8465
SDev	.1263921	2.710669	.45968	1.85294	.023107	.0476767	1.4164
%RSD	108.1185	27.24889	10.99369	5.958130	.4198943	17.16063	.1466456
#1	.2062743	11.86455	-4.50634	32.40960	5.486695	.2441134	964.8450
#2	.0275288	8.031083	-3.85625	29.78915	5.519373	.3115384	966.8480

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.845129	.3286356	.4901503	38.08498	59.37358	22.27672	11.50056
SDev	.072609	.2163088	.2503847	.23285	5.71526	1.75020	.00039
%RSD	3.935190	65.82027	51.08326	.6113964	9.625928	7.856640	.0034126
#1	1.896471	.4815890	.6671990	37.92033	55.33229	23.51430	11.50084
#2	1.793786	.1756821	.3131015	38.24963	63.41488	21.03914	11.50029

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.363900	2.673395	100.5726	10.59445	9.816312	4.165896	-2.67871
SDev	.061249	.658446	26.1981	.41925	.563179	2.926675	.67996
%RSD	2.591007	24.62957	26.04891	3.957213	5.737175	70.25319	25.38397
#1	2.407209	3.138986	119.0974	10.29800	9.418084	2.096425	-2.19790
#2	2.320590	2.207803	82.04775	10.89091	10.21454	6.235368	-3.15952

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1771821	8.498201	10.47358	6.514723	-.539911	.1667947	413.6019
SDev	1.711007	2.111778	.20996	4.675897	.576880	1.068634	1.2006
%RSD	965.6768	24.84971	2.004664	71.77431	106.8473	640.6884	.2902846
#1	-1.03268	7.004949	10.62204	3.208364	-.131995	.9224332	414.4509
#2	1.387047	9.991454	10.32512	9.821081	-.947827	-.588844	412.7530

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	77.50508	6.857743	.7479068	.9567929
SDev	3.14846	1.981019	.0123750	.0875848
%RSD	4.062266	28.88733	1.654622	9.153998
#1	79.73138	8.258535	.7566572	1.018725
#2	75.27879	5.456952	.7391563	.8948612

Method: STL3 Sample Name: 220-8378-A-3-B Operator: NP
Run Time: 03/24/09 16:36:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1386329	20.64905	8.172161	1389.163	84.03238	.4205059	6066.170
SDev	.2582435	3.04707	.052191	3.492	.13864	.0119144	45.640
%RSD	186.2787	14.75648	.6386473	.2513393	.1649851	2.833336	.7523775
#1	-.043973	22.80365	8.135256	1386.694	83.93435	.4289306	6033.898
#2	.3212386	18.49444	8.209065	1391.632	84.13042	.4120812	6098.443

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.654778	1.291691	1.960708	83114.08	121.3577	1429.420	1884.237
SDev	.405250	.553781	.056881	184.34	7.8219	7.001	.471
%RSD	24.48966	42.87259	2.901042	.2217909	6.445315	.4897715	.0250214
#1	1.368224	.9001082	1.920487	82983.73	115.8268	1424.470	1883.904
#2	1.941333	1.683273	2.000929	83244.43	126.8886	1434.370	1884.571

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.81235	-.330420	H204261.0	9.983430	109.8074	7.162175	-2.55488
SDev	.09173	.148681	497.1	.035120	.8472	2.594916	.49057
%RSD	.4629962	44.99774	.2433794	.3517842	.7715417	36.23083	19.20128
#1	19.74749	-.435553	H204612.5	9.958596	109.2083	5.327293	-2.90177
#2	19.87721	-.225286	H203909.5	10.00826	110.4064	8.997058	-2.20800

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.583055	110.5298	109.4459	9.801194	1.875113	4.202025	H103154.6
SDev	.226618	.5075	1.5235	2.075988	3.634191	.001467	906.4
%RSD	6.324701	.4591517	1.392057	21.18097	193.8118	.0349049	.8786331
#1	3.422812	110.8886	108.3686	8.333249	-.694648	4.200987	H102513.7
#2	3.743298	110.1709	110.5232	11.26914	4.444874	4.203062	H103795.5

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	888.2178	-2.47934	50.27341	1.243264
SDev	3.1532	.72044	.08958	.072869
%RSD	.3550072	29.05792	.1781815	5.861072
#1	885.9882	-2.98877	50.21007	1.294790
#2	890.4475	-1.96991	50.33675	1.191738

Method: STL3 Sample Name: 220-8378-A-4-C Operator: NP
Run Time: 03/24/09 16:42:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0543389	2.098169	-5.32511	22.37498	.4999788	.2946435	4.117561
SDev	.2472740	5.043048	.42565	1.12013	.0092428	.0000045	.157382
%RSD	455.0593	240.3547	7.993208	5.006152	1.848639	.0015306	3.822215
#1	.2291880	5.664143	-5.02414	23.16703	.4934431	.2946404	4.006276
#2	-.120510	-1.46780	-5.62609	21.58293	.5065144	.2946467	4.228847

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.105345	-.022277	.1765792	30.20362	2017.330	4.950396	-.498353
SDev	.232483	.152881	.1478445	.23260	10.559	1.750202	2.354168
%RSD	220.6864	686.2643	83.72702	.7701175	.5234038	35.35478	472.3899
#1	.0590449	-.130381	.2811210	30.36810	2009.864	6.187975	-2.16300
#2	-.269736	.0858260	.0720373	30.03915	2024.796	3.712817	1.166295

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1584633	.4655911	68.84336	1.072738	5.953429	3.145351	-.276569
SDev	.0203864	.2548821	17.12337	.364331	.314950	3.351945	.520017
%RSD	12.86502	54.74377	24.87294	33.96271	5.290233	106.5682	188.0244
#1	.1440480	.6458200	80.95141	1.330358	6.176133	.7751681	.0911387
#2	.1728787	.2853622	56.73531	.8151169	5.730726	5.515535	-.644277

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.330799	5.761368	6.048716	4.154670	1.122583	-1.00086	12.15461
SDev	1.342953	.204894	.574483	4.091399	1.870961	.02186	.22560
%RSD	25.19234	3.556350	9.497604	98.47710	166.6657	2.183861	1.856099
#1	4.381188	5.616486	6.454937	1.261614	-.200386	-1.01632	12.31414
#2	6.280411	5.906250	5.642495	7.047726	2.445551	-.985409	11.99509

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	87.22675	4.328131	-.052463	.4148673
SDev	3.71587	5.132421	.004112	.0291742
%RSD	4.260007	118.5829	7.837493	7.032180
#1	84.59924	7.957300	-.055371	.3942381
#2	89.85426	.6989610	-.049556	.4354966

Method: STL3 Sample Name: 220-8378-A-5-C Operator: NP
Run Time: 03/24/09 16:52:26
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0588658	296.4032	-.749905	217.4037	50.85078	.2800902	H258932.8
SDev	.2035012	1.2783	2.209782	3.1997	.54533	.0234438	8036.2
%RSD	345.7038	.4312587	294.6747	1.471791	1.072413	8.370075	3.103582
#1	-.085031	295.4993	-2.31246	215.1412	50.46518	.2966675	H253250.3
#2	.2027629	297.3071	.8126462	219.6663	51.23639	.2635130	H264615.2

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.17501	102.7147	10.91222	24.13175	64.49869	9337.641	2376.321
SDev	.52678	3.6230	.43147	.09335	4.91736	42.006	40.733
%RSD	5.177198	3.527229	3.953999	.3868412	7.623965	.4498553	1.714100
#1	9.802517	100.1529	10.60712	24.19776	61.02159	9307.938	2347.519
#2	10.54750	105.2766	11.21731	24.06574	67.97578	9367.343	2405.124

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.26505	.3003815	H197778.1	9.424986	519.0199	8.969097	31.38790
SDev	1.20259	.3186025	827.7	.216478	12.3490	1.592398	1.38314
%RSD	2.300949	106.0660	.4185170	2.296856	2.379299	17.75428	4.406589
#1	51.41469	.0750955	H197192.8	9.271913	510.2878	7.843102	30.40987
#2	53.11541	.5256675	H198363.4	9.578059	527.7520	10.09509	32.36592

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1955049	524.7980	516.1345	13.22869	.4361110	.8733320	6588.899
SDev	.9609641	4.6220	16.2067	1.33000	2.117977	.9597883	209.030
%RSD	491.5295	.8807204	3.140020	10.05392	485.6509	109.8996	3.172460
#1	.8750091	521.5297	504.6746	12.28824	-1.06153	1.552005	6441.092
#2	-.483999	528.0662	527.5944	14.16915	1.933747	.1946591	6736.706

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	313.5598	L-31.6309	946.5005	11.10926
SDev	5.3674	1.6823	10.1231	1.10974
%RSD	1.711753	5.318464	1.069524	9.989321
#1	309.7645	L-32.8205	939.3425	10.32456
#2	317.3551	L-30.4414	953.6586	11.89397

Method: STL3 Sample Name: CCV6 Operator: NP
Run Time: 03/24/09 17:01:41
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.85548	4903.358	515.1350	498.7775	502.9493	515.1879	19080.23
SDev	.38992	75.540	1.2055	.7769	2.9577	2.7840	79.48
%RSD	.7377142	1.540582	.2340246	.1557553	.5880771	.5403888	.4165376
#1	53.13120	4849.943	514.2826	498.2282	500.8578	517.1564	19136.42
#2	52.57977	4956.773	515.9875	499.3269	505.0407	513.2192	19024.03

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	512.7303	509.8110	522.2624	491.0109	5158.403	37626.54	18739.25
SDev	1.4228	.2960	2.8870	6.2349	36.284	721.09	139.57
%RSD	.2774910	.0580695	.5527942	1.269808	.7033981	1.916444	.7448266
#1	513.7363	510.0204	524.3038	486.6022	5184.060	37116.65	18640.55
#2	511.7242	509.6017	520.2210	495.4196	5132.746	38136.43	18837.94

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	521.6789	513.5021	38583.44	512.8661	502.7074	501.0195	497.2780
SDev	3.2514	4.6941	711.66	.8522	.9969	9.2494	8.0048
%RSD	.6232530	.9141259	1.844459	.1661737	.1983007	1.846124	1.609723
#1	523.9780	510.1829	38080.23	513.4687	502.0025	494.4791	491.6178
#2	519.3798	516.8213	39086.66	512.2634	503.4123	507.5598	502.9383

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491.9676	503.7468	502.1876	505.3793	492.2856	509.5396	528.0894
SDev	6.3165	.3494	1.6690	9.6732	8.4006	.3698	2.8560
%RSD	1.283919	.0693537	.3323414	1.914055	1.706440	.0725758	.5408103
#1	487.5012	503.9939	501.0075	498.5393	486.3456	509.8010	530.1089
#2	496.4340	503.4998	503.3678	512.2194	498.2257	509.2781	526.0699

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	541.4657	507.3765	509.2786	497.6703
SDev	2.2810	6.9024	3.4583	.3672
%RSD	.4212731	1.360415	.6790675	.0737821
#1	539.8527	502.4958	506.8331	497.9299
#2	543.0786	512.2573	511.7240	497.4106

Method: STL3 Sample Name: CCB6 Operator: NP
Run Time: 03/24/09 17:07:29
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.096750	-20.5027	-5.00365	1.444643	.0261427	.3198150	1.112854
SDev	.043734	4.8114	4.50507	.617343	.0138642	.0118643	.944288
%RSD	45.20282	23.46716	90.03557	42.73326	53.03301	3.709737	84.85283
#1	-.127675	-17.1005	-1.81809	1.881170	.0359462	.3282043	.4451414
#2	-.065826	-23.9049	-8.18922	1.008115	.0163392	.3114257	1.780566

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0252709	-.059505	.1767835	.3938040	11.88339	.0000088	-1.83101
SDev	.2795970	.148759	.0565923	.0340219	3.52255	1.750202	2.35417
%RSD	1106.398	249.9930	32.01220	8.639304	29.64263	20e6	128.5719
#1	.2229759	-.164693	.1367667	.4178611	14.37420	1.237588	-3.49566
#2	-.172434	.0456831	.2168003	.3697469	9.392569	-1.23757	-.166364

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.000030	3.123967	21.16893	1.295774	.8781325	2.939450	2.563303
SDev	.020298	2.315179	1.45925	.133271	.2098405	1.572725	1.570229
%RSD	67539.24	74.11024	6.893340	10.28507	23.89622	53.50406	61.25802
#1	-.014383	4.761046	22.20078	1.201537	1.026512	1.827365	3.673623
#2	.0143226	1.486888	20.13709	1.390011	.7297529	4.051535	1.452984

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.36642	1.340085	.6468527	2.152011	4.515592	-.334001	.8482419
SDev	.59276	.544611	.0426356	3.063507	1.413457	.962450	.4489681
%RSD	43.38053	40.63999	6.591242	142.3556	31.30170	288.1580	52.92925
#1	-1.78556	1.725183	.6770006	-.014216	5.515057	.3465541	1.165710
#2	-.947272	.9549875	.6167048	4.318237	3.516127	-1.01456	.5307735

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-.802572	3.969657	.0174355	.4132776
SDev	2.879254	5.403201	.0041349	.2739398
%RSD	358.7532	136.1125	23.71553	66.28469
#1	1.233368	7.790297	.0203593	.6069823
#2	-2.83851	.1490166	.0145117	.2195729

Method: STL3 Sample Name: 220-8378-A-8-B Operator: NP
Run Time: 03/24/09 17:13:16
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1662763	-2.75491	-.009863	143.6029	15.03204	.2020203	1371.371
SDev	.0879203	.52009	2.326223	.0964	.02311	.0594628	1.731
%RSD	52.87602	18.87861	23584.88	.0670955	.1537156	29.43406	.1262364
#1	.1041072	-2.38715	1.635025	143.6710	15.01570	.2440668	1372.595
#2	.2284453	-3.12267	-1.65475	143.5348	15.04838	.1599738	1370.147

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2825908	.8456516	1.125733	35.16473	57.61389	626.2222	226.2271
SDev	.0658976	.0308360	.147880	.05823	.54684	1.7502	1.4122
%RSD	23.31911	3.646417	13.13635	.1656038	.9491523	.2794926	.6242573
#1	.2359941	.8674559	1.230300	35.12356	57.22721	624.9846	227.2257
#2	.3291874	.8238472	1.021166	35.20591	58.00057	627.4598	225.2285

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.183735	.9462016	H203910.7	2.009341	553.5689	6.844509	-.837551
SDev	.030552	.0849607	859.7	.274423	.6555	.028814	.253212
%RSD	1.399082	8.979131	.4216270	13.65738	.1184115	.4209741	30.23235
#1	2.162131	1.006278	H204518.6	2.203388	553.1054	6.864883	-1.01660
#2	2.205339	.8861253	H203302.8	1.815295	554.0324	6.824134	-.658504

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.386842	552.6919	554.0060	9.819413	.8846650	.2534629	537.6936
SDev	.297932	.3508	.8075	.483715	.8824966	.2724828	.6754
%RSD	8.796760	.0634696	.1457631	4.926109	99.75489	107.5040	.1256159
#1	3.597512	552.4438	553.4350	10.16145	.2606457	.4461374	538.1712
#2	3.176172	552.9399	554.5770	9.477375	1.508684	.0607885	537.2160

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	137.4538	.9145041	2.726790	.6014613
SDev	1.4810	2.581343	.000036	.0109446
%RSD	1.077470	282.2670	.0013354	1.819663
#1	136.4065	2.739789	2.726764	.6092003
#2	138.5010	-.910781	2.726816	.5937223

Method: STL3 Sample Name: 220-8378-A-9-B @5 Operator: NP
Run Time: 03/24/09 17:19:01
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1476209	53.25535	-4.77249	17.80437	1.790774	.2694818	655.8052
SDev	.2473157	6.62827	2.37334	.17357	.032350	.0121126	13.3774
%RSD	167.5344	12.44620	49.72966	.9748476	1.806471	4.494776	2.039846
#1	.3224995	57.94224	-6.45070	17.92710	1.813648	.2780467	665.2645
#2	-.027258	48.56846	-3.09428	17.68164	1.767899	.2609169	646.3460

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1019510	-.005180	1.012848	3.529749	17.81220	976.4610	21.64614
SDev	.2109678	.370741	.079837	.721421	3.82253	.0000	3.06247
%RSD	206.9306	7157.329	7.882413	20.43831	21.46018	.0000000	14.14786
#1	.2511278	-.267333	.9563944	4.039871	20.51514	976.4610	23.81163
#2	-.047226	.2569737	1.069301	3.019628	15.10927	976.4610	19.48065

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.081098	.2102670	66885.39	-.167418	.1531092	4.406815	-1.65113
SDev	.346490	.0212401	205.02	.125862	.6552889	1.631320	1.16941
%RSD	32.04986	10.10148	.3065278	75.17849	427.9878	37.01813	70.82452
#1	1.326103	.1952480	66740.41	-.078420	.6164685	3.253297	-.824236
#2	.8360922	.2252860	67030.36	-.256416	-.310250	5.560332	-2.47802

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.322316	3.733068	-1.63494	6.940452	-.669171	.5778427	10.82119
SDev	2.455267	.095417	1.03015	3.063320	1.236839	.4941837	1.35005
%RSD	185.6794	2.555988	63.00856	44.13718	184.8314	85.52218	12.47597
#1	3.058452	3.665598	-.906510	4.774358	.2054058	.2284021	11.77582
#2	-.413821	3.800538	-2.36336	9.106546	-1.54375	.9272833	9.866564

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	15903.11	-6.19543	3.629309	1.434357
SDev	54.80	.51119	.044985	.720192
%RSD	.3445872	8.251109	1.239493	50.21007
#1	15864.36	-5.83396	3.661118	1.943609
#2	15941.86	-6.55689	3.597500	.9251046

Method: STL3 Sample Name: 220-8378-A-10-C Operator: NP
Run Time: 03/24/09 17:24:46
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3363486	67.73064	8.648465	140.6541	3470.056	.1599313	8640.203
SDev	.0605327	7.76992	1.053752	.4646	32.447	.0476187	150.771
%RSD	17.99701	11.47179	12.18427	.3302985	.9350566	29.77446	1.744996
#1	.2935455	62.23649	9.393580	140.9826	3447.112	.1936028	8533.592
#2	.3791517	73.22481	7.903349	140.3256	3492.999	.1262598	8746.815

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.809743	2.504851	3.693124	881.8489	168.4336	31869.26	1138.716
SDev	.219188	1.135198	.274643	8.4939	1.8192	871.61	9.653
%RSD	4.557164	45.31998	7.436605	.9631889	1.080096	2.734955	.8476992
#1	4.654754	1.702145	3.498922	875.8428	167.1472	31252.94	1131.890
#2	4.964732	3.307557	3.887326	887.8549	169.7200	32485.58	1145.542

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.01548	3.454387	H208944.3	8.376923	24009.12	7.444173	200.3220
SDev	.21405	.615965	406.5	.795365	268.77	.928391	1.2639
%RSD	.8556836	17.83139	.1945696	9.494720	1.119442	12.47137	.6309145
#1	24.86413	3.018833	H208656.9	7.814515	23819.07	8.100644	199.4283
#2	25.16684	3.889940	H209231.8	8.939331	24199.17	6.787702	201.2157

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.29703	23880.93	24073.12	10.22855	1.866053	.9242166	1912.139
SDev	2.08697	36.89	384.53	2.19801	1.614663	.2039736	33.613
%RSD	160.9036	.1544851	1.597351	21.48900	86.52825	22.06988	1.757858
#1	-2.77274	23854.84	23801.21	11.78278	.7243139	.7799856	1888.371
#2	.1786794	23907.01	24345.02	8.674323	3.007792	1.068448	1935.907

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1409.477	.9593847	41.94677	.7845917
SDev	16.987	2.821460	.48653	.0361277
%RSD	1.205177	294.0906	1.159881	4.604654
#1	1397.466	-1.03569	41.60274	.8101379
#2	1421.489	2.954458	42.29080	.7590455

Method: STL3 Sample Name: 220-8378-A-11-B Operator: NP
Run Time: 03/24/09 17:30:31
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2678621	824.9186	-3.83101	49.98679	3.019480	.0758274	797.0264
SDev	.0384891	5.6725	1.88246	.63512	.032350	.1189883	16.6824
%RSD	14.36900	.6876461	49.13757	1.270578	1.071373	156.9198	2.093085
#1	.2406462	820.9075	-2.49991	49.53769	2.996605	.1599649	785.2302
#2	.2950780	828.9296	-5.16211	50.43589	3.042355	-.008310	808.8227

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.046140	.2538830	6.669773	3884.260	691.4966	707.9033	1235.320
SDev	.184765	.6143964	.295551	7.517	10.2562	5.2506	8.712
%RSD	400.4407	241.9998	4.431194	.1935197	1.483182	.7417182	.7052524
#1	-.176789	-.180561	6.460787	3878.945	684.2445	704.1905	1229.159
#2	.0845083	.6883269	6.878759	3889.575	698.7488	711.6160	1241.480

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.28360	.0150190	13411.88	16.93085	7.851275	2.497964	-3.33387
SDev	.33635	.0424805	113.48	.26620	.378907	.821449	.34689
%RSD	.9810717	282.8451	.8461125	1.572251	4.826060	32.88472	10.40497
#1	34.04577	.0450572	13331.64	16.74262	7.583348	3.078816	-3.08859
#2	34.52143	-.015019	13492.12	17.11908	8.119204	1.917112	-3.57916

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.96358	8.610258	7.471404	2.990911	1.509490	.2872319	2009.395
SDev	1.48387	.303534	.416467	1.410483	.358530	.0487956	37.664
%RSD	75.56955	3.525254	5.574140	47.15897	23.75176	16.98821	1.874398
#1	-.914326	8.395628	7.176918	3.988273	1.255971	.2527282	1982.763
#2	-3.01283	8.824889	7.765890	1.993549	1.763009	.3217356	2036.028

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	98.90120	13.47072	21.66425	.6127574
SDev	.17085	2.37139	.15602	.0366016
%RSD	.1727460	17.60407	.7201799	5.973265
#1	98.78039	11.79389	21.55392	.6386387
#2	99.02200	15.14754	21.77457	.5868762

Method: STL3 Sample Name: 220-8378-A-12-C Operator: NP
Run Time: 03/24/09 17:36:17
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2702115	60.42983	7.407167	360.0941	155.9411	.1577175	15550.36
SDev	.2253088	3.34577	.056260	1.3113	1.7608	.0118856	378.97
%RSD	83.38238	5.536627	.7595297	.3641495	1.129115	7.535981	2.437080
#1	.1108941	58.06401	7.446949	359.1668	154.6961	.1493131	15282.39
#2	.4295288	62.79565	7.367386	361.0213	157.1861	.1661218	15818.34

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5753742	7.480736	8.084639	30.25280	359.5074	8744.832	304.6732
SDev	.0493764	.706800	.432303	.39547	1.0287	1.751	6.3566
%RSD	8.581613	9.448263	5.347219	1.307221	.2861420	.0200176	2.086368
#1	.6102886	6.980953	7.778954	29.97316	358.7800	8746.070	300.1783
#2	.5404598	7.980518	8.390323	30.53244	360.2348	8743.595	309.1679

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.289987	1.096392	H205021.6	3.280636	k138527.2	10.98537	1131.387
SDev	.112187	.594725	218.3	.221442	25.9	1.83188	9.076
%RSD	1.207617	54.24381	.1064860	6.749958	.0187031	16.67560	.8021658
#1	9.210658	.6758583	H204867.2	3.124054	k138545.6	12.28070	1124.970
#2	9.369315	1.516926	H205176.0	3.437219	k138508.9	9.690034	1137.805

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.632379	S125925.6	S144818.6	16.60346	-.268780	2.201579	3482.513
SDev	1.932025	57.9	9.9	3.82925	2.168739	.820940	98.888
%RSD	29.13020	.0459882	.0068587	23.06300	806.8822	37.28869	2.839556
#1	7.998528	S125966.5	S144825.7	19.31115	-1.80231	1.621087	3412.589
#2	5.266231	S125884.6	S144811.6	13.89576	1.264750	2.782072	3552.438

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	451.4216	2.375240	41.44375	28.29215
SDev	7.3674	3.031194	.06611	.30484
%RSD	1.632048	127.6163	.1595252	1.077457
#1	446.2120	4.518618	41.39700	28.07659
#2	456.6311	.2318619	41.49050	28.50770

Method: STL3 Sample Name: 220-8397-C-4-A @25 Operator: NP
Run Time: 03/24/09 17:42:02
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1635522	-2.86297	4.205576	1972.653	31.20782	.0928739	6783.627
SDev	.1043793	1.67262	.511532	.713	.05084	.0000387	49.576
%RSD	63.82015	58.42254	12.16320	.0361255	.1628967	.0416368	.7308111
#1	.0897449	-4.04569	4.567284	1972.149	31.24377	.0929012	6748.572
#2	.2373595	-1.68025	3.843867	1973.157	31.17188	.0928465	6818.683

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0080239	.0825207	2.379788	.3128884	1438.995	15670.40	16497.95
SDev	.1941819	.3378259	.420762	.1046821	12.167	82.26	34.37
%RSD	2420.041	409.3832	17.68065	33.45667	.8455113	.5249465	.2083160
#1	.1453313	-.156358	2.082264	.3869098	1430.391	15728.57	16473.65
#2	-.129283	.3213997	2.677312	.2388670	1447.598	15612.24	16522.25

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.349540	-.285363	54335.32	.8545593	6.602932	3.255580	4.394934
SDev	.051001	.042480	72.51	.3973883	2.420156	2.382561	3.030148
%RSD	.8032191	14.88650	.1334419	46.50213	36.65275	73.18391	68.94639
#1	6.313477	-.315401	54386.59	1.135555	8.314241	1.570855	6.537572
#2	6.385603	-.255324	54284.06	.5735633	4.891623	4.940305	2.252296

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.77954	4.398625	7.702735	4.023733	1.715966	2.158860	1.415703
SDev	3.42796	.352688	3.804500	2.196998	2.754244	.444683	.299774
%RSD	192.6321	8.018130	49.39156	54.60098	160.5069	20.59804	21.17494
#1	-4.20347	4.149238	10.39292	2.470221	-.231579	1.844422	1.203730
#2	.6443971	4.648013	5.012547	5.577245	3.663511	2.473298	1.627675

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	948.4562	-2.32429	222.4579	2.386303
SDev	9.2440	2.28146	.0628	.025211
%RSD	.9746416	98.15705	.0282135	1.056491
#1	941.9197	-3.93753	222.5023	2.368475
#2	954.9927	-.711059	222.4135	2.404129

Method: STL3 Sample Name: 220-8397-C-5-A @25 Operator: NP
Run Time: 03/24/09 17:47:48
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2937949	-3.65900	-2.91795	2210.941	27.24721	.0601993	32827.43
SDev	.1429149	2.21834	1.45996	8.625	.00462	.0714672	235.44
%RSD	48.64444	60.62685	50.03373	.3901105	.0169632	118.7177	.7172103
#1	.3948510	-2.09040	-1.88561	2204.843	27.24394	.1107342	32660.94
#2	.1927388	-5.22760	-3.95030	2217.040	27.25048	.0096643	32993.91

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.058988	.4265180	5.504207	.4453445	19.42349	19060.17	24196.59
SDev	.213840	.3695572	.284409	.0814630	3.49216	14.00	105.70
%RSD	362.5145	86.64515	5.167120	18.29212	17.97905	.0734582	.4368272
#1	-.210195	.1652016	5.303100	.5029475	16.95416	19050.27	24121.85
#2	.0922196	.6878344	5.705315	.3877415	21.89282	19070.07	24271.32

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.24809	-.240305	57641.50	1.471340	1.563938	.5765468	-.362699
SDev	.08159	.276122	133.41	.121197	.494217	.6088128	.563823
%RSD	.1931297	114.9047	.2314403	8.237165	31.60077	105.5964	155.4520
#1	42.19039	-.435553	57547.16	1.557039	1.214474	1.007042	-.761382
#2	42.30578	-.045057	57735.83	1.385641	1.913402	.1460511	.0359839

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.302690	1.204163	1.742956	.7313935	.2653884	8.969060	6.898079
SDev	1.411213	.394353	.937835	.2216328	1.384337	.620105	.450220
%RSD	61.28544	32.74911	53.80716	30.30282	521.6268	6.913823	6.526745
#1	3.300568	1.483013	1.079807	.8881116	1.244263	8.530580	6.579725
#2	1.304811	.9253136	2.406106	.5746754	-.713486	9.407540	7.216433

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1413.249	-7.71391	442.8586	9.593584
SDev	4.615	2.97151	.0831	.087945
%RSD	.3265533	38.52144	.0187745	.9167025
#1	1409.986	-9.81509	442.9174	9.655770
#2	1416.512	-5.61274	442.7998	9.531398

Method: STL3 Sample Name: 220-8397-C-5-A PDS@5 Operator: NP
Run Time: 03/24/09 17:53:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.36037	2109.963	55.30786	10900.99	2031.492	49.52732	H162375.7
SDev	.59366	3.742	.00233	68.93	1.507	.64196	2962.9
%RSD	1.133791	.1773574	.0042187	.6323702	.0741651	1.296172	1.824698
#1	51.94059	2107.317	55.30621	10852.25	2030.427	49.07338	H160280.7
#2	52.78014	2112.609	55.30951	10949.74	2032.558	49.98125	H164470.8

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.42951	487.8209	222.2060	259.0668	1037.975	H110027.0	H123734.7
SDev	.86861	7.7768	4.6730	.0575	24.610	85.8	779.7
%RSD	1.757272	1.594181	2.103011	.0221983	2.370953	.0779434	.6301353
#1	48.81531	482.3219	218.9017	259.0261	1020.573	H110087.6	H123183.3
#2	50.04371	493.3199	225.5103	259.1075	1055.377	H109966.3	H124286.0

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	688.8685	194.1365	H167373.3	482.7944	21.96252	57.80321	287.8077
SDev	6.1466	3.6746	275.4	5.9049	.16762	1.19880	6.4390
%RSD	.8922708	1.892770	.1645466	1.223060	.7631988	2.073932	2.237254
#1	684.5222	191.5382	H167568.0	478.6191	22.08104	58.65089	283.2547
#2	693.2148	196.7348	H167178.5	486.9698	21.84399	56.95553	292.3608

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.62801	22.98431	21.45159	59.81405	53.77451	530.8279	502.0683
SDev	4.27757	1.34187	.41863	1.95498	.31584	7.4696	10.3567
%RSD	8.981199	5.838216	1.951514	3.268434	.5873385	1.407167	2.062806
#1	44.60331	23.93315	21.15558	61.19643	53.55117	525.5461	494.7450
#2	50.65271	22.03546	21.74761	58.43166	53.99784	536.1097	509.3916

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	7134.936	169.1781	2018.078	234.0168
SDev	114.174	7.5657	4.859	1.0292
%RSD	1.600205	4.472004	.2407922	.4397920
#1	7054.204	163.8284	2014.642	233.2890
#2	7215.669	174.5278	2021.514	234.7445

Method: STL3 Sample Name: 220-8403-C-1-A PDS Operator: NP
Run Time: 03/24/09 17:59:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.27815	3888.884	38.02673	280.1315	2055.756	53.72213	29880.92
SDev	.45692	27.688	1.75569	6.5756	9.867	.63033	600.73
%RSD	.8910625	.7119867	4.616991	2.347329	.4799546	1.173312	2.010399
#1	50.95506	3869.306	39.26819	284.7812	2048.779	53.27642	29456.15
#2	51.60125	3908.463	36.78527	275.4819	2062.733	54.16784	30305.70

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.05361	509.9294	225.8685	276.5026	3665.387	32968.24	15760.91
SDev	1.36975	11.1509	4.4231	2.1988	38.206	115.52	123.40
%RSD	2.682963	2.186752	1.958266	.7952071	1.042347	.3503835	.7829310
#1	50.08505	502.0446	222.7409	274.9478	3638.371	32886.56	15673.65
#2	52.02217	517.8143	228.9961	278.0573	3692.402	33049.93	15848.16

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	685.9988	209.7564	91400.70	508.4669	45.75397	55.03398	302.2178
SDev	7.1046	3.1223	737.04	2.5573	1.51838	.91359	2.5080
%RSD	1.035664	1.488533	.8063803	.5029529	3.318579	1.660042	.8298571
#1	680.9750	207.5486	90879.54	506.6586	46.82762	54.38797	300.4444
#2	691.0225	211.9642	91921.87	510.2752	44.68031	55.67998	303.9912

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55.01149	47.11562	45.07326	55.26408	54.57209	516.0374	546.1339
SDev	5.55490	2.89682	.83034	.50465	3.75431	7.9572	10.8046
%RSD	10.09772	6.148316	1.842195	.9131576	6.879545	1.541980	1.978382
#1	51.08358	49.16398	45.66040	55.62092	51.91739	510.4108	538.4939
#2	58.93940	45.06726	44.48613	54.90724	57.22679	521.6640	553.7739

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6650.123	202.7021	129.9094	288.7046
SDev	87.538	4.2586	.8845	2.4215
%RSD	1.316341	2.100915	.6808328	.8387346
#1	6588.225	205.7134	129.2840	286.9924
#2	6712.023	199.6908	130.5349	290.4168

Method: STL3 Sample Name: 220-8403-D-1-E PDS Operator: NP
Run Time: 03/24/09 18:05:03
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.64562	2087.340	35.97336	258.1117	1978.240	53.23061	29573.78
SDev	.52224	13.908	.29876	.4034	13.892	.22600	167.93
%RSD	1.031166	.6663046	.8305066	.1563061	.7022400	.4245706	.5678233
#1	50.27634	2077.506	36.18462	257.8265	1968.417	53.07081	29455.03
#2	51.01490	2097.175	35.76210	258.3970	1988.063	53.39042	29692.52

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50.53854	503.6576	222.0541	267.2633	1022.553	32709.59	14526.96
SDev	.07041	1.0391	1.0236	2.6766	2.880	204.78	137.26
%RSD	.1393145	.2063027	.4609679	1.001475	.2816311	.6260400	.9448845
#1	50.58832	502.9229	221.3303	265.3707	1020.517	32564.79	14429.90
#2	50.48875	504.3923	222.7779	269.1559	1024.590	32854.38	14624.02

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	527.4518	206.6324	92667.88	500.7258	25.83946	54.89476	296.8278
SDev	3.7103	.0212	665.54	.8475	.52804	2.63353	3.5321
%RSD	.7034353	.0102814	.7181957	.1692502	2.043526	4.797410	1.189950
#1	524.8283	206.6474	92197.27	500.1265	26.21283	56.75694	294.3303
#2	530.0754	206.6174	93138.48	501.3250	25.46608	53.03257	299.3254

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.00212	27.73779	24.89101	55.43568	53.81019	508.0433	520.5995
SDev	2.54075	1.48444	.05069	3.60870	.68011	3.5055	.8257
%RSD	5.292995	5.351689	.2036513	6.509698	1.263898	.6899909	.1585985
#1	46.20554	28.78745	24.92686	57.98741	54.29110	505.5645	520.0156
#2	49.79870	26.68813	24.85517	52.88394	53.32928	510.5220	521.1833

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	4268.046	196.6614	128.0973	196.5249
SDev	44.455	1.7125	.7084	1.3206
%RSD	1.041582	.8707929	.5530059	.6719994
#1	4236.612	195.4504	127.5964	195.5911
#2	4299.481	197.8723	128.5982	197.4588

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/24/09 18:10:48
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.49794	4933.203	525.6891	499.9648	500.0932	513.5813	19068.88
SDev	.14901	7.639	2.3938	1.6785	2.4124	1.6059	58.07
%RSD	.2838340	.1548563	.4553685	.3357310	.4823862	.3126911	.3045481
#1	52.39258	4938.605	527.3818	501.1517	501.7990	514.7169	19109.94
#2	52.60331	4927.801	523.9964	498.7779	498.3874	512.4457	19027.81

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.8307	515.9804	523.0673	495.7903	5113.531	37905.00	18718.09
SDev	1.2793	1.4652	.5691	1.5493	3.363	85.76	34.37
%RSD	.2489647	.2839611	.1087979	.3124908	.0657580	.2262539	.1836004
#1	512.9262	517.0164	523.4697	496.8859	5111.153	37844.36	18742.39
#2	514.7353	514.9443	522.6649	494.6948	5115.909	37965.64	18693.79

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	519.5096	515.3044	38810.68	510.6938	508.5969	504.1744	501.6920
SDev	.4075	4.1418	54.13	1.7303	1.5744	1.0124	2.0125
%RSD	.0784479	.8037624	.1394708	.3388104	.3095567	.2008096	.4011505
#1	519.2215	512.3757	38772.40	509.4703	509.7102	504.8903	500.2689
#2	519.7979	518.2331	38848.95	511.9173	507.4837	503.4585	503.1150

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	502.2794	499.6246	513.0756	501.1320	510.2672	510.5015	527.0826
SDev	2.4506	2.3078	3.5126	3.5064	3.9832	1.9564	2.6277
%RSD	.4878866	.4619041	.6846113	.6997049	.7806095	.3832291	.4985280
#1	500.5466	497.9927	515.5594	503.6114	507.4506	511.8849	528.9407
#2	504.0122	501.2564	510.5919	498.6526	513.0837	509.1182	525.2246

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	554.9265	507.1656	514.4030	499.5479
SDev	7.2721	5.6433	.5156	.2743
%RSD	1.310454	1.112718	.1002269	.0549039
#1	560.0687	503.1751	514.0384	499.3539
#2	549.7844	511.1560	514.7675	499.7418

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/24/09 18:16:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0470227	-6.77707	-4.62387	6.180353	.0555532	.0757460	2.782135
SDev	.0270224	1.57248	1.05176	1.217968	.0092428	.0476985	.786907
%RSD	57.46674	23.20290	22.74640	19.70709	16.63780	62.97160	28.28429
#1	.0279150	-7.88898	-3.88016	7.041587	.0490175	.1094739	2.225708
#2	.0661304	-5.66516	-5.36758	5.319120	.0620889	.0420181	3.338563

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0032674	-.122523	.1770098	.0891226	4.406179	30.93984	-1.16537
SDev	.0414916	.790974	.3525951	.1614305	15.66336	3.50040	.47094
%RSD	1269.851	645.5721	199.1952	181.1331	355.4862	11.31358	40.41092
#1	.0326065	-.681826	-.072313	.2032712	-6.66949	33.41500	-1.49838
#2	-.026072	.4367803	.4263322	-.025026	15.48184	28.46468	-.832370

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.028777	4.010092	34.37331	.7333712	1.244040	2.478099	4.673348
SDev	.020428	3.653310	.75243	.1564348	.209026	1.489410	3.245053
%RSD	70.98590	91.10290	2.188990	21.33093	16.80221	60.10293	69.43744
#1	-.043221	6.593373	34.90536	.6227550	1.096237	3.531271	6.967947
#2	-.014332	1.426812	33.84127	.8439874	1.391844	1.424927	2.378749

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.103740	1.123446	1.303648	1.382164	4.672159	.5657879	.9538888
SDev	.155830	.038718	.332713	.765041	2.940466	.4798853	.4509897
%RSD	150.2118	3.446334	25.52167	55.35092	62.93591	84.81718	47.27907
#1	-.213928	1.150823	1.068384	1.923130	6.751382	.2264577	.6349909
#2	.0064482	1.096068	1.538911	.8411988	2.592936	.9051181	1.272787

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	1.691029	2.356426	.0174004	.3796603
SDev	.602520	1.320683	.0041316	.2630284
%RSD	35.63036	56.04604	23.74432	69.27994
#1	2.117075	3.290290	.0203219	.5656495
#2	1.264983	1.422562	.0144789	.1936711

Method: STL3 Sample Name: 220-8403-C-4-A @20 Operator: NP
Run Time: 03/24/09 18:22:18
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0177285	4862.888	-4.45861	497.0291	62.41892	.3122201	20351.44
SDev	.0266139	33.405	1.33068	3.0221	.21258	.0246977	164.94
%RSD	150.1194	.6869289	29.84508	.6080285	.3405772	7.910348	.8104361
#1	.0365473	4839.267	-5.39954	494.8922	62.26860	.2947562	20234.81
#2	-.001090	4886.508	-3.51768	499.1660	62.56924	.3296840	20468.07

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0648621	5.987177	11.15027	13.75813	10481.42	3452.885	12558.05
SDev	.0320192	.724626	.19047	.03506	75.01	26.253	46.43
%RSD	49.36508	12.10297	1.708198	.2548123	.7156665	.7603227	.3696910
#1	.0422211	5.474789	11.01559	13.73334	10428.38	3434.321	12525.22
#2	.0875031	6.499565	11.28495	13.78292	10534.46	3471.448	12590.88

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	776.3728	1.006278	40936.62	13.70936	6.674591	-.349432	1.259658
SDev	7.9805	.424804	243.99	.72149	.735810	2.104881	1.454655
%RSD	1.027921	42.21534	.5960202	5.262774	11.02405	602.3717	115.4801
#1	770.7297	1.306659	40764.09	14.21953	7.194887	-1.83781	.2310617
#2	782.0159	.7058963	41109.14	13.19919	6.154294	1.138944	2.288255

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.246946	7.188422	6.417261	-.940122	.8325188	17.41110	40.75999
SDev	.046726	2.211183	.000769	1.551815	3.212958	.31478	.59493
%RSD	2.079542	30.76034	.0119901	165.0654	385.9322	1.807940	1.459593
#1	2.279986	8.751965	6.416717	-2.03742	-1.43939	17.18852	40.33931
#2	2.213905	5.624880	6.417805	.1571777	3.104423	17.63369	41.18067

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	6771.315	-3.45962	82.99101	523.7686
SDev	53.417	3.02528	.43685	4.0612
%RSD	.7888660	87.44553	.5263876	.7753895
#1	6733.544	-1.32042	82.68211	520.8968
#2	6809.086	-5.59882	83.29992	526.6403

Method: STL3 Sample Name: 220-8403-D-4-B @20 Operator: NP
Run Time: 03/24/09 18:28:03
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1314699	-8.31439	-5.89438	485.4187	5.444214	.0926473	19133.53
SDev	.0555373	2.75406	2.19710	3.0099	.023107	.0237507	235.44
%RSD	42.24336	33.12399	37.27448	.6200598	.4244309	25.63557	1.230526
#1	.0921991	L-10.2618	-4.34080	483.2904	5.427875	.1094415	18967.05
#2	.1707407	-6.36698	-7.44797	487.5470	5.460553	.0758530	19300.02

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1774124	.5405986	-.187711	.3291100	22.38682	1178.189	9347.461
SDev	.1040945	.0306730	.172543	.1977144	2.71856	5.251	56.058
%RSD	58.67371	5.673896	91.91990	60.07549	12.14360	.4456542	.5997162
#1	.1038065	.5189095	-.065704	.4689152	20.46450	1174.476	9307.821
#2	.2510183	.5622877	-.309717	.1893048	24.30914	1181.901	9387.100

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	647.3159	.2252861	39667.22	6.021331	.2706013	2.271645	-.218191
SDev	5.1163	.4248034	30.53	.386102	.6079300	.692474	1.607593
%RSD	.7903929	188.5617	.0769650	6.412240	224.6589	30.48338	736.7828
#1	643.6981	.5256675	39645.63	5.748316	.7004728	1.781992	-1.35493
#2	650.9337	-.075095	39688.81	6.294347	-.159270	2.761299	.9185492

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.24988	1.851638	-.519531	2.804206	1.203924	-.347155	3.070721
SDev	2.23003	2.135657	.154788	.119925	1.839293	1.164856	.224453
%RSD	178.4189	115.3388	29.79383	4.276599	152.7749	335.5438	7.309440
#1	.3269840	3.361775	-.628983	2.719407	-.096653	.4765229	2.912009
#2	-2.82675	.3415002	-.410080	2.889006	2.504500	-1.17083	3.229433

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	992.7517	-3.24649	77.29300	.3119361
SDev	6.4233	.96081	.20904	.3137243
%RSD	.6470202	29.59549	.2704483	100.5732
#1	988.2097	-2.56709	77.14519	.5337727
#2	997.2936	-3.92589	77.44081	.0900996

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/24/09 18:33:48
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.84080	4965.670	525.7828	499.5098	500.8350	515.1636	19115.50
SDev	.39101	15.847	3.4837	3.6158	1.9456	6.6982	309.73
%RSD	.7399866	.3191255	.6625659	.7238671	.3884715	1.300204	1.620283
#1	52.56431	4954.464	523.3195	496.9531	499.4592	510.4273	18896.49
#2	53.11729	4976.875	528.2461	502.0666	502.2107	519.9000	19334.51

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	517.5027	516.3741	523.0983	494.4477	5145.314	38005.25	18730.60
SDev	3.8214	5.4767	8.0963	2.3017	13.107	38.50	187.17
%RSD	.7384338	1.060609	1.547766	.4655139	.2547305	.1013128	.9992625
#1	514.8005	512.5015	517.3733	492.8201	5136.045	38032.47	18598.25
#2	520.2048	520.2467	528.8233	496.0752	5154.581	37978.02	18862.95

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	523.3438	519.2994	39108.25	513.9348	508.1132	507.6554	501.5873
SDev	3.4250	6.8605	3.72	9.0877	5.3243	1.3491	4.5389
%RSD	.6544548	1.321115	.0094995	1.768256	1.047865	.2657487	.9049160
#1	520.9219	514.4483	39105.62	507.5088	504.3483	506.7015	498.3778
#2	525.7656	524.1506	39110.88	520.3608	511.8780	508.6094	504.7969

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	497.9229	504.0423	510.1447	507.9721	507.0203	510.0713	528.4585
SDev	5.7848	.3375	8.1510	2.2981	8.6544	5.9971	10.7353
%RSD	1.161781	.0669669	1.597786	.4524105	1.706918	1.175728	2.031429
#1	502.0134	504.2809	504.3811	509.5971	500.9007	505.8307	520.8675
#2	493.8325	503.8036	515.9084	506.3470	513.1399	514.3118	536.0494

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	542.4760	509.6740	516.3370	502.3942
SDev	5.7554	9.3677	1.4914	2.1932
%RSD	1.060947	1.837978	.2888386	.4365497
#1	538.4062	503.0500	515.2824	500.8434
#2	546.5456	516.2980	517.3915	503.9451

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/24/09 18:39:33
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0935959	-5.49832	-4.57708	3.396911	.1241777	.1263055	5.675557
SDev	.0716649	3.35388	2.12402	.174882	.0046214	.0476043	.472145
%RSD	76.56844	60.99822	46.40559	5.148264	3.721620	37.68979	8.318911
#1	.1442706	-3.12677	-3.07517	3.520571	.1274456	.1599668	6.009414
#2	.0429211	-7.86987	-6.07899	3.273250	.1209099	.0926442	5.341701

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.055579	-.276967	-.152859	.1881738	7.107349	37.12781	1.998066
SDev	.187944	.087568	.250078	.1171637	5.959221	5.25070	1.176823
%RSD	338.1558	31.61666	163.6000	62.26356	83.84591	14.14223	58.89809
#1	.0773175	-.338887	-.329691	.1053266	2.893543	33.41500	1.165927
#2	-.188476	-.215047	.0239723	.2710211	11.32115	40.84061	2.830205

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0936709	2.973776	34.03474	.4910572	1.097390	4.211657	3.603339
SDev	.0305978	2.060297	.82082	1.159541	1.565185	.320678	3.036789
%RSD	32.66522	69.28218	2.411723	236.1316	142.6279	7.614062	84.27707
#1	.1153069	4.430626	34.61515	-.328862	-.009362	4.438411	5.750673
#2	.0720350	1.516926	33.45433	1.310976	2.204143	3.984903	1.456005

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.36723	.4827827	1.403634	3.277581	6.081523	-.195849	.5292554
SDev	1.48707	2.019982	1.338127	.423792	1.811726	.268614	.3011269
%RSD	108.7655	418.4039	95.33304	12.93004	29.79066	137.1537	56.89632
#1	-.315709	-.945560	.4574353	2.977914	7.362606	-.005910	.3163265
#2	-2.41875	1.911126	2.349832	3.577247	4.800439	-.385787	.7421842

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.7113015	4.924645	.0813555	.4080962
SDev	1.455642	2.851573	.0041052	.1790070
%RSD	204.6449	57.90413	5.045976	43.86392
#1	1.740596	6.941012	.0842583	.5346733
#2	-.317993	2.908279	.0784527	.2815192

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/25/09 08:54:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.62691	4894.683	513.9857	493.0558	503.5865	508.6353	18584.67
SDev	.37971	13.954	4.9524	2.0520	2.6573	5.9606	317.28
%RSD	.7354887	.2850912	.9635333	.4161861	.5276758	1.171886	1.707212
#1	51.35841	4884.816	510.4838	491.6048	501.7075	504.4205	18360.32
#2	51.89540	4904.550	517.4876	494.5068	505.4655	512.8501	18809.02

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.2742	501.0028	510.8935	494.2614	5073.633	37958.22	18587.56
SDev	2.2343	6.7304	7.5052	1.4299	39.040	28.00	96.06
%RSD	.4413153	1.343376	1.469025	.2892920	.7694757	.0737720	.5168132
#1	504.6943	496.2437	505.5865	493.2503	5046.027	37938.42	18519.63
#2	507.8541	505.7619	516.2004	495.2725	5101.239	37978.02	18655.48

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	514.3271	509.8074	39086.41	503.2661	499.4471	501.2257	493.2902
SDev	2.8850	4.7790	14.00	3.1068	2.1331	6.3388	4.1125
%RSD	.5609202	.9374196	.0358142	.6173315	.4270928	1.264651	.8336871
#1	512.2871	506.4281	39076.51	501.0692	497.9388	496.7435	490.3822
#2	516.3671	513.1867	39096.31	505.4629	500.9554	505.7079	496.1981

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	495.5976	494.6870	501.8230	502.8560	497.9593	500.9822	511.9013
SDev	1.9790	3.5476	4.9692	6.7107	5.5938	6.2464	8.7822
%RSD	.3993170	.7171441	.9902319	1.334512	1.123341	1.246822	1.715602
#1	496.9970	497.1955	498.3093	498.1108	494.0039	496.5654	505.6913
#2	494.1982	492.1784	505.3368	507.6011	501.9147	505.3990	518.1112

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	534.4137	501.6662	511.5557	498.3170
SDev	5.1941	4.6562	1.5858	2.5488
%RSD	.9719188	.9281524	.3100020	.5114824
#1	530.7409	498.3738	510.4343	496.5147
#2	538.0864	504.9587	512.6770	500.1193

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/25/09 09:00:39
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0664981	-18.5619	-4.38347	1.104738	.0653567	.2525497	2.782136
SDev	.0772505	3.3746	1.39794	.096334	.0046214	.0118954	.472145
%RSD	116.1695	18.18012	31.89116	8.720055	7.071069	4.710114	16.97058
#1	.1211224	-20.9481	-3.39498	1.172857	.0620889	.2441384	3.115992
#2	.0118737	-16.1758	-5.37197	1.036620	.0686245	.2609610	2.448279

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2054940	-.015921	-.153106	.9203622	4.029337	25.98945	.8354138
SDev	.0488088	.221346	.159082	.1967104	4.315108	.00000	.0001307
%RSD	23.75195	1390.270	103.9030	21.37315	107.0923	.0000000	.0156446
#1	.2400070	.1405943	-.265594	1.059457	7.080579	25.98945	.8355062
#2	.1709809	-.172436	-.040618	.7812670	.9780942	25.98945	.8353214

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4900008	3.003814	9.286600	.3746828	2.957417	2.214113	4.243261
SDev	.0204238	2.909904	.159608	.9050227	.115842	.239947	1.005700
%RSD	4.168119	96.87363	1.718696	241.5437	3.917015	10.83716	23.70110
#1	.5044426	5.061428	9.173739	-.265265	2.875504	2.383781	4.954398
#2	.4755590	.9462015	9.399460	1.014630	3.039330	2.044445	3.532124

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.211147	2.379228	3.245079	1.182506	4.279522	-.789059	1.325529
SDev	.449032	1.374000	.511728	1.088624	2.901221	.474915	.373671
%RSD	212.6635	57.74985	15.76935	92.06074	67.79310	60.18748	28.19033
#1	.1063669	1.407663	3.606925	.4127329	6.330995	-.453243	1.589755
#2	-.528661	3.350792	2.883233	1.952280	2.228049	-1.12487	1.061304

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	.8522863	1.953155	.0261298	.3771154
SDev	2.356910	2.131448	.0000099	.2155025
%RSD	276.5397	109.1285	.0379453	57.14496
#1	2.518874	3.460316	.0261228	.5294987
#2	-.814301	.4459936	.0261369	.2247322

Method: STL3 Sample Name: 220-8378-A-12-C @10 Operator: NP
Run Time: 03/25/09 09:06:24
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3068222	-7.43049	-5.76906	34.96644	16.16271	.1604320	1566.454
SDev	.0000029	1.67387	.85052	.40453	.03235	.0238086	12.276
%RSD	.0009410	22.52706	14.74276	1.156921	.2001431	14.84033	.7836677
#1	.3068201	-6.24688	-5.16765	35.25249	16.13984	.1435967	1557.774
#2	.3068242	-8.61409	-6.37046	34.68039	16.18559	.1772672	1575.134

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.067105	.7951598	.9491334	3.694171	35.96754	516.0764	30.46759
SDev	.241001	.1535131	.1022311	.302498	4.07194	7.0009	.47100
%RSD	359.1390	19.30595	10.77099	8.188522	11.32115	1.356565	1.545916
#1	.1033082	.6866096	.8768451	3.908070	38.84684	511.1260	30.80064
#2	-.237519	.9037100	1.021422	3.480273	33.08825	521.0268	30.13454

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9729445	.4655911	50443.37	1.325708	33532.56	1.175179	108.6137
SDev	.0306099	.1274410	157.96	1.092713	248.74	2.771115	2.0998
%RSD	3.146106	27.37187	.3131508	82.42492	.7417823	235.8037	1.933259
#1	.9945890	.5557055	50331.67	2.098373	33356.68	3.134653	110.0985
#2	.9513001	.3754768	50555.06	.5530425	33708.45	-.784296	107.1289

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.410814	33413.41	33592.06	1.111762	1.300900	.0388872	339.2754
SDev	.150541	193.54	276.30	3.285282	1.741378	.3716080	2.6262
%RSD	36.64453	.5792206	.8225136	295.5022	133.8595	955.6057	.7740577
#1	-.304365	33276.56	33396.68	3.434808	2.532240	.3016537	337.4184
#2	-.517262	33550.26	33787.43	-1.21128	.0695599	-.223879	341.1323

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	42.54335	-1.22725	4.212516	2.576701
SDev	1.29100	.32997	.007973	.102202
%RSD	3.034563	26.88700	.1892574	3.966398
#1	43.45623	-1.46057	4.206878	2.648969
#2	41.63047	-.993922	4.218153	2.504433

Method: STL3 Sample Name: CCV Operator: NP
Run Time: 03/25/09 09:12:09
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.87558	4885.248	518.8201	492.7810	502.0735	506.7000	18655.67
SDev	.18097	5.369	.5728	.2127	.6470	1.4871	2.20
%RSD	.3488458	.1099003	.1104123	.0431732	.1288673	.2934889	.0118077
#1	52.00354	4881.452	518.4150	492.6306	501.6160	507.7515	18654.12
#2	51.74762	4889.044	519.2252	492.9315	502.5310	505.6484	18657.23

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.1274	503.1587	511.9951	496.4414	5068.889	37771.34	18623.84
SDev	.2216	.0078	.9437	.8364	9.749	85.76	18.83
%RSD	.0437828	.0015568	.1843099	.1684723	.1923225	.2270546	.1010819
#1	505.9707	503.1532	512.6623	495.8500	5075.782	37710.70	18610.53
#2	506.2841	503.1643	511.3278	497.0328	5061.996	37831.98	18637.15

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	513.9595	510.2880	38921.18	503.9121	501.7383	498.6087	493.9838
SDev	.7543	3.3347	110.95	1.8101	2.8962	.9611	6.2808
%RSD	.1467668	.6534930	.2850548	.3592149	.5772260	.1927508	1.271462
#1	514.4929	507.9300	38842.73	502.6321	499.6904	499.2883	489.5426
#2	513.4261	512.6460	38999.63	505.1920	503.7862	497.9291	498.4250

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	484.9704	496.8472	504.1796	499.4221	496.9786	500.9701	510.9479
SDev	5.8829	4.5903	2.0505	4.4337	5.9946	.8536	1.8770
%RSD	1.213042	.9238949	.4066956	.8877624	1.206211	.1703910	.3673650
#1	489.1302	493.6013	502.7296	502.5572	492.7398	501.5737	512.2752
#2	480.8106	500.0931	505.6295	496.2870	501.2174	500.3666	509.6207

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	531.3040	503.9991	509.2933	496.8472
SDev	3.2353	4.9524	.4280	.0035
%RSD	.6089323	.9826169	.0840468	.0007080
#1	529.0162	500.4972	509.5960	496.8447
#2	533.5916	507.5009	508.9906	496.8497

Method: STL3 Sample Name: CCB Operator: NP
Run Time: 03/25/09 09:17:54
Comment: 6010
Mode: CONC Corr. Factor: 1

Elem	Ag3280	Al3082	As1890	B_2496	Ba4934	Be3130	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1247420	-14.1834	-4.26622	.9402351	.0947672	.1683990	3.561133
SDev	.0822134	1.1359	2.59752	.1350694	.0277285	.0118550	.314763
%RSD	65.90674	8.008411	60.88584	14.36549	29.25959	7.039802	8.838833
#1	.0666084	-13.3803	-2.42949	.8447267	.1143742	.1767818	3.338563
#2	.1828757	-14.9866	-6.10295	1.035744	.0751602	.1600163	3.783704

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Mg2790
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.004780	.1573544	.3695727	.4678831	5.164085	16.08875	2.166136
SDev	.323556	.0265779	.1252654	.0240586	2.175951	7.00091	.941093
%RSD	6768.489	16.89046	33.89467	5.142020	42.13623	43.51429	43.44573
#1	-.233569	.1385609	.4581487	.4508711	3.625455	11.13836	2.831589
#2	.2240080	.1761477	.2809967	.4848952	6.702714	21.03914	1.500682

Elem	Mn2576	Mo2020	Na5889	Ni2316	Pb2203	Se1960	Sb2068
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3458820	2.943738	7.255154	1.210792	3.971106	3.379498	4.263029
SDev	.0814608	2.145258	.205205	.430102	.271231	.531581	3.086841
%RSD	23.55161	72.87529	2.828407	35.52233	6.830102	15.72958	72.40957
#1	.2882805	4.460664	7.400256	1.514919	3.779318	3.755383	6.445755
#2	.4034835	1.426812	7.110052	.9066641	4.162896	3.003614	2.080303

Elem	Tl1908	2203/1	2203/2	1960/1	1960/2	V_2924	Zn2062
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.052404	2.896204	4.507153	3.747894	2.640499	-.562752	1.326074
SDev	1.785294	2.177782	.680616	.121090	1.839025	.886686	.375589
%RSD	169.6396	75.19436	15.10080	3.230888	69.64687	157.5626	28.32335
#1	-.209989	1.356280	4.988421	3.662270	3.940886	.0642303	1.060493
#2	2.314798	4.436129	4.025884	3.833518	1.340112	-1.18973	1.591655

Elem	Si2881	Sn1899	Sr4215	Ti3349
Units	ppb	ppb	ppb	ppb
Avge	-3.79149	3.693565	.0581214	.3770809
SDev	3.74383	4.952767	.0041085	.2008193
%RSD	98.74303	134.0918	7.068799	53.25631
#1	-1.14420	7.195700	.0552163	.5190816
#2	-6.43878	.1914295	.0610265	.2350801

Metals Worksheet

Batch Number: 220-25211
Method: 3010A
Analyst: Capece, Bill

Date Open: Mar 16 2009 1:42PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00037	MSPK1_00003
MB~220-25211/1				100 mL	50 mL				
LCS~220-25211/2				50 mL	50 mL			50 mL	
220-8384-D-9	B1-PZ3	3010A, 6010B	T	100 mL	50 mL				
220-8384-D-10	B14-PZ4	3010A, 6010B	T	10 mL	50 mL				
220-8384-D-11	B15-PZ5	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-9	OW-MW-14-12	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-10	OW-MW-18-12	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-11	OW-MW-19-13	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-12	OW-MW-8-14	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-13	OW-MW-15-11	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-14	OW-MW-16-15	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-15	OW-MW-20-15	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-16	OW-MW-22-13	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-17	OW-MW-17-12	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-18	OW-MW-21-15	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-19	OW-MW-11-12	3010A, 6010B	T	100 mL	50 mL				
220-8369-D-19~DU		3010A, 6010B	T	100 mL	50 mL				
220-8369-D-19~MS	OW-MW-11-12	3010A, 6010B	T	100 mL	50 mL	0.050 mL	0.100 mL		0.050 mL
220-8369-D-19~MSD	OW-MW-11-12	3010A, 6010B	T	100 mL	50 mL	0.050 mL	0.100 mL		0.050 mL
220-8369-D-20	OW-MW-13-11	3010A, 6010B	T	100 mL	50 mL				
220-8378-A-4	CG0943 GUN CLEANING SOLVENT	3010A, 6010B	T	1 mL	50 mL				
220-8385-A-1	MW-34 I	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-2	MW-34 S	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-3	OW-7	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-4	DUP-031109	3010A, 6010B	T	100 mL	50 mL				

Metals Worksheet

Batch Number: 220-25211
Method: 3010A
Analyst: Capece, Bill

Date Open: Mar 16 2009 1:42PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-25211/1				
LCS~220-25211/2				
220-8384-D-9	B1-PZ3	3010A, 6010B	T	
220-8384-D-10	B14-PZ4	3010A, 6010B	T	
220-8384-D-11	B15-PZ5	3010A, 6010B	T	
220-8369-D-9	OW-MW-14-12	3010A, 6010B	T	
220-8369-D-10	OW-MW-18-12	3010A, 6010B	T	
220-8369-D-11	OW-MW-19-13	3010A, 6010B	T	
220-8369-D-12	OW-MW-8-14	3010A, 6010B	T	
220-8369-D-13	OW-MW-15-11	3010A, 6010B	T	
220-8369-D-14	OW-MW-16-15	3010A, 6010B	T	
220-8369-D-15	OW-MW-20-15	3010A, 6010B	T	
220-8369-D-16	OW-MW-22-13	3010A, 6010B	T	
220-8369-D-17	OW-MW-17-12	3010A, 6010B	T	
220-8369-D-18	OW-MW-21-15	3010A, 6010B	T	
220-8369-D-19	OW-MW-11-12	3010A, 6010B	T	
220-8369-D-19~DU		3010A, 6010B	T	
220-8369-D-19~MS	OW-MW-11-12	3010A, 6010B	T	0.050 mL
220-8369-D-19~MSD	OW-MW-11-12	3010A, 6010B	T	0.050 mL
220-8369-D-20	OW-MW-13-11	3010A, 6010B	T	
220-8378-A-4	CG0943 GUN CLEANING SOLVENT	3010A, 6010B	T	
220-8385-A-1	MW-34 I	3010A, 6010B	T	
220-8385-A-2	MW-34 S	3010A, 6010B	T	
220-8385-A-3	OW-7	3010A, 6010B	T	
220-8385-A-4	DUP-031109	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00008
Lot # of Nitric Acid: MNITRICACD-00006
DigestionTubes: A809LS239

Metals Worksheet

Batch Number: 220-25260
Method: 3010A
Analyst: Capece, Bill

Date Open: Mar 17 2009 12:38PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00037	MSPK1_00003
MB~220-25260/1				100 mL	50 mL				
LCS~220-25260/2				50 mL	50 mL			50 mL	
LB~220-25247/3-A				20 mL	50 mL				
220-8357-A-1-D	Y16EGR2040	3010A_L, 6010B	P	20 mL	50 mL				
220-8380-A-1-B	Y16EG100C	3010A_L, 6010B	P	20 mL	50 mL				
220-8385-A-5	MW-26 S	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-6	MW-26 I	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-7	OW-5	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-8	OW-6	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-9	MW-35 S	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-10	MW-35 I	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-11	OW-4	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-13	OW-3	3010A, 6010B	T	10 mL	50 mL				
220-8385-A-14	MW-30 I	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-15	MW-30 S	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-15~DU		3010A, 6010B	T	100 mL	50 mL				
220-8385-A-15~MS		3010A, 6010B	T	100 mL	50 mL	0.050 mL	0.100 mL		0.050 mL
220-8385-A-16	MW-24	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-17	MW-33 S	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-18	MW-33 I	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-19	MW-31S	3010A, 6010B	T	100 mL	50 mL				
220-8385-A-20	MW-31 I	3010A, 6010B	T	100 mL	50 mL				
220-8397-C-1	LCOL-5	3010A, 6010B	T	100 mL	50 mL				
220-8397-C-2	LCOL-2	3010A, 6010B	T	100 mL	50 mL				
220-8397-C-3	LDET-5	3010A, 6010B	T	100 mL	50 mL				

Metals Worksheet

Batch Number: 220-25260
Method: 3010A
Analyst: Capece, Bill

Date Open: Mar 17 2009 12:38PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
MB~220-25260/1				
LCS~220-25260/2				
LB~220-25247/3-A				
220-8357-A-1-D	Y16EGR2040	3010A_L, 6010B	P	
220-8380-A-1-B	Y16EG100C	3010A_L, 6010B	P	
220-8385-A-5	MW-26 S	3010A, 6010B	T	
220-8385-A-6	MW-26 I	3010A, 6010B	T	
220-8385-A-7	OW-5	3010A, 6010B	T	
220-8385-A-8	OW-6	3010A, 6010B	T	
220-8385-A-9	MW-35 S	3010A, 6010B	T	
220-8385-A-10	MW-35 I	3010A, 6010B	T	
220-8385-A-11	OW-4	3010A, 6010B	T	
220-8385-A-13	OW-3	3010A, 6010B	T	
220-8385-A-14	MW-30 I	3010A, 6010B	T	
220-8385-A-15	MW-30 S	3010A, 6010B	T	
220-8385-A-15~DU		3010A, 6010B	T	
220-8385-A-15~MS		3010A, 6010B	T	0.050 mL
220-8385-A-16	MW-24	3010A, 6010B	T	
220-8385-A-17	MW-33 S	3010A, 6010B	T	
220-8385-A-18	MW-33 I	3010A, 6010B	T	
220-8385-A-19	MW-31S	3010A, 6010B	T	
220-8385-A-20	MW-31 I	3010A, 6010B	T	
220-8397-C-1	LCOL-5	3010A, 6010B	T	
220-8397-C-2	LCOL-2	3010A, 6010B	T	
220-8397-C-3	LDET-5	3010A, 6010B	T	

Lot # of hydrochloric acid: WHCLACD-00008
Lot # of Nitric Acid: MNITRICACD-00006
DigestionTubes: A809LS239
Hot Block ID number: hb3

Metals Worksheet

Batch Number: 220-25351
Method: 3010A
Analyst: Capece, Bill

Date Open: Mar 19 2009 1:24PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00037	MSPK1_00003
220-8425-H-1	MCFT WWNA 039	200.7_P_TOT, 200.7_CWA	T	100 mL	50 mL				
220-8425-H-1~DU		200.7_P_TOT, 200.7_CWA	T	100 mL	50 mL				
220-8425-H-1~MS		200.7_P_TOT, 200.7_CWA	T	100 mL	50 mL	0.050 mL	0.100 mL		0.050 mL
220-8385-B-1-A	MW-34 I	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-2-A	MW-34 S	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-3-A	OW-7	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-4-A	DUP-031109	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-5-A	MW-26 S	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-6-A	MW-26 I	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-7-A	OW-5	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-8-A	OW-6	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-9-A	MW-35 S	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-10-A	MW-35 I	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-11-A	OW-4	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-13-A	OW-3	3010A, 6010B	D	10 mL	50 mL				
220-8385-B-14-A	MW-30 I	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-15-A	MW-30 S	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-16-A	MW-24	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-17-A	MW-33 S	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-18-A	MW-33 I	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-19-A	MW-31S	3010A, 6010B	D	100 mL	50 mL				
220-8385-B-20-A	MW-31 I	3010A, 6010B	D	100 mL	50 mL				
MB~220-25351/23				100 mL	50 mL				
LCS~220-25351/24				100 mL	50 mL			100 mL	

Metals Worksheet

Batch Number: 220-25351
Method: 3010A
Analyst: Capece, Bill

Date Open: Mar 19 2009 1:24PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK2_00003
220-8425-H-1	MCFT WWNA 039	200.7_P_TOT, 200.7_CWA	T	
220-8425-H-1~DU		200.7_P_TOT, 200.7_CWA	T	
220-8425-H-1~MS		200.7_P_TOT, 200.7_CWA	T	0.050 mL
220-8385-B-1-A	MW-34 I	3010A, 6010B	D	
220-8385-B-2-A	MW-34 S	3010A, 6010B	D	
220-8385-B-3-A	OW-7	3010A, 6010B	D	
220-8385-B-4-A	DUP-031109	3010A, 6010B	D	
220-8385-B-5-A	MW-26 S	3010A, 6010B	D	
220-8385-B-6-A	MW-26 I	3010A, 6010B	D	
220-8385-B-7-A	OW-5	3010A, 6010B	D	
220-8385-B-8-A	OW-6	3010A, 6010B	D	
220-8385-B-9-A	MW-35 S	3010A, 6010B	D	
220-8385-B-10-A	MW-35 I	3010A, 6010B	D	
220-8385-B-11-A	OW-4	3010A, 6010B	D	
220-8385-B-13-A	OW-3	3010A, 6010B	D	
220-8385-B-14-A	MW-30 I	3010A, 6010B	D	
220-8385-B-15-A	MW-30 S	3010A, 6010B	D	
220-8385-B-16-A	MW-24	3010A, 6010B	D	
220-8385-B-17-A	MW-33 S	3010A, 6010B	D	
220-8385-B-18-A	MW-33 I	3010A, 6010B	D	
220-8385-B-19-A	MW-31S	3010A, 6010B	D	
220-8385-B-20-A	MW-31 I	3010A, 6010B	D	
MB~220-25351/23				
LCS~220-25351/24				

Lot # of hydrochloric acid: WHCLACD-00008
Lot # of Nitric Acid: MNITRICACD-00006
DigestionTubes: A809LS239
Hot Block ID number: hb3

Metals Worksheet

Batch Number: 220-25354
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Mar 19 2009 2:30PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00037	MMDLV_00001
MB~220-25354/1				100 mL	50 mL				
LCS~220-25354/2				50 mL	50 mL			50 mL	
220-8385-A-20	MW-31 I	3010A, 6010B	T	100 mL	50 mL				
220-8397-C-4	LDET-7/8	3010A, 6010B	T	100 mL	50 mL				
220-8397-C-5	LCOL-7/8	3010A, 6010B	T	100 mL	50 mL				
220-8397-C-5~DU		3010A, 6010B	T	100 mL	50 mL				
220-8397-C-5~MS	LCOL-7/8	3010A, 6010B	T	100 mL	50 mL	0.05 mL	0.1 mL		
220-8397-C-5~MSD	LCOL-7/8	3010A, 6010B	T	100 mL	50 mL	0.05 mL	0.1 mL		
220-8399-B-1	4S	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-2	14S	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-3	34S	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-4	9S	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-5	25S	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-6	24I	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-7	24S	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-8	6D	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-9	5SR	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-9~DU		3010A, 6010B	T	100 mL	50 mL				
220-8399-B-9~MS	5SR	3010A, 6010B	T	100 mL	50 mL	0.05 mL	0.1 mL		
220-8399-B-9~MSD	5SR	3010A, 6010B	T	100 mL	50 mL	0.05 mL	0.1 mL		
220-8399-B-10	6I	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-11	6S	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-12	12	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-13	13	3010A, 6010B	T	100 mL	50 mL				
220-8399-B-14	5D	3010A, 6010B	T	100 mL	50 mL				

Metals Worksheet

Batch Number: 220-25354
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Mar 19 2009 2:30PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK1_00003	MSPK2_00003
MB~220-25354/1					
LCS~220-25354/2					
220-8385-A-20	MW-31 I	3010A, 6010B	T		
220-8397-C-4	LDET-7/8	3010A, 6010B	T		
220-8397-C-5	LCOL-7/8	3010A, 6010B	T		
220-8397-C-5~DU		3010A, 6010B	T		
220-8397-C-5~MS	LCOL-7/8	3010A, 6010B	T	0.05 mL	0.05 mL
220-8397-C-5~MSD	LCOL-7/8	3010A, 6010B	T	0.05 mL	0.05 mL
220-8399-B-1	4S	3010A, 6010B	T		
220-8399-B-2	14S	3010A, 6010B	T		
220-8399-B-3	34S	3010A, 6010B	T		
220-8399-B-4	9S	3010A, 6010B	T		
220-8399-B-5	25S	3010A, 6010B	T		
220-8399-B-6	24I	3010A, 6010B	T		
220-8399-B-7	24S	3010A, 6010B	T		
220-8399-B-8	6D	3010A, 6010B	T		
220-8399-B-9	5SR	3010A, 6010B	T		
220-8399-B-9~DU		3010A, 6010B	T		
220-8399-B-9~MS	5SR	3010A, 6010B	T	0.05 mL	0.05 mL
220-8399-B-9~MSD	5SR	3010A, 6010B	T	0.05 mL	0.05 mL
220-8399-B-10	6I	3010A, 6010B	T		
220-8399-B-11	6S	3010A, 6010B	T		
220-8399-B-12	12	3010A, 6010B	T		
220-8399-B-13	13	3010A, 6010B	T		
220-8399-B-14	5D	3010A, 6010B	T		

Metals Worksheet

Batch Number: 220-25354
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Mar 19 2009 2:30PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00003	MEM_00004	mlcspw_00037	MMDLV_00001
220-8399-B-15	FIELD BLANK	3010A, 6010B	T	100 mL	50 mL				
mdl~verification				50 mL	50 mL				2.5 mL

Metals Worksheet

Batch Number: 220-25354
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: Mar 19 2009 2:30PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MSPK1_00003	MSPK2_00003
220-8399-B-15 mdl~verification	FIELD BLANK	3010A, 6010B	T		

Lot # of hydrochloric acid: WHCLACD-00008
Lot # of Nitric Acid: MNITRICACD-00006
DigestionTubes: A809LS239
Hot Block ID number: hb3
Oven, Bath or Block Temperature 1: 107 Degrees C

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG No.: 220-8385

Project: 0771.0001Y000 MBA-Thypin/Manorhaven

Client Sample ID	Lab Sample ID
MW-34 I	220-8385-1
MW-34 S	220-8385-2
OW-7	220-8385-3
DUP-031109	220-8385-4
MW-26 S	220-8385-5
MW-26 I	220-8385-6
OW-5	220-8385-7
OW-6	220-8385-8
MW-35 S	220-8385-9
MW-35 I	220-8385-10
OW-4	220-8385-11
OW-3	220-8385-13
MW-30 I	220-8385-14
MW-30 S	220-8385-15
MW-24	220-8385-16
MW-33 S	220-8385-17
MW-33 I	220-8385-18
MW-31S	220-8385-19
MW-31 I	220-8385-20

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-34 I
Lab Sample ID: 220-8385-1
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 09:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	254	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-34 S
Lab Sample ID: 220-8385-2
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 10:10
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	156	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-7 Lab Sample ID: 220-8385-3

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:15

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.67	1.0	0.10	mg/L	J		1	9060
	Alkalinity	131	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: DUP-031109 Lab Sample ID: 220-8385-4

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:20

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.66	1.0	0.10	mg/L	J		1	9060
	Alkalinity	132	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-26 S
Lab Sample ID: 220-8385-5
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 12:20
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	0.29	1.0	0.10	mg/L	J		1	9060
	Alkalinity	295	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-26 I
Lab Sample ID: 220-8385-6
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 13:05
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.9	1.0	0.10	mg/L			1	9060
	Alkalinity	101	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-5 Lab Sample ID: 220-8385-7

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 09:47

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	3.7	1.0	0.10	mg/L			1	9060
	Alkalinity	277	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-6 Lab Sample ID: 220-8385-8

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 11:00

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	4.0	1.0	0.10	mg/L			1	9060
	Alkalinity	478	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-35 S
Lab Sample ID: 220-8385-9
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 11:55
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.7	1.0	0.10	mg/L			1	9060
	Alkalinity	330	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-35 I
Lab Sample ID: 220-8385-10
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/11/2009 12:54
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	122	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-4 Lab Sample ID: 220-8385-11

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/11/2009 13:48

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.8	1.0	0.10	mg/L			1	9060
	Alkalinity	274	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: OW-3 Lab Sample ID: 220-8385-13

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/12/2009 08:25

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	8.4	1.0	0.10	mg/L			1	9060
	Alkalinity	3300	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-30 I
Lab Sample ID: 220-8385-14
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 09:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.2	1.0	0.10	mg/L			1	9060
	Alkalinity	71.6	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-30 S
Lab Sample ID: 220-8385-15
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 08:40
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	2.5	1.0	0.10	mg/L			1	9060
	Alkalinity	200	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-24 Lab Sample ID: 220-8385-16

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG ID.: 220-8385

Matrix: Water Date Sampled: 03/12/2009 09:15

Reporting Basis: WET Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	5.3	1.0	0.10	mg/L			1	9060
	Alkalinity	95.3	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-33 S
Lab Sample ID: 220-8385-17
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 10:25
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	2.3	1.0	0.10	mg/L			1	9060
	Alkalinity	337	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-33 I
Lab Sample ID: 220-8385-18
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 11:00
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	114	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-31S
Lab Sample ID: 220-8385-19
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 11:15
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.8	1.0	0.10	mg/L			1	9060
	Alkalinity	313	2.0	0.16	mg/L			1	SM 2320B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: MW-31 I
Lab Sample ID: 220-8385-20
Lab Name: TestAmerica Connecticut
Job No.: 220-8385-1
SDG ID.: 220-8385
Matrix: Water
Date Sampled: 03/12/2009 10:20
Reporting Basis: WET
Date Received: 03/13/2009 09:50

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-44-0	Total Organic Carbon - Quad	1.0	1.0	0.10	mg/L	U		1	9060
	Alkalinity	139	2.0	0.16	mg/L			1	SM 2320B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Analyst: DM Batch Start Date: 03/23/2009

Reporting Units: mg/L Analytical Batch No.: 25494

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	16:01	Total Organic Carbon - Quad	9.9	10.0	99	85-115		WTOCICVSTK_00010
2	ICB	16:43	Total Organic Carbon - Quad	1.0				U	
3	CCV	17:16	Total Organic Carbon - Quad	9.9	10.0	99	85-115		WTOCICVSTK_00010
4	CCB	17:57	Total Organic Carbon - Quad	1.0				U	
15	CCV	00:43	Total Organic Carbon - Quad	9.8	10.0	98	85-115		WTOCICVSTK_00010
16	CCB	01:24	Total Organic Carbon - Quad	1.0				U	
27	CCV	08:56	Total Organic Carbon - Quad	10	10.0	100	85-115		WTOCICVSTK_00010
28	CCB	09:38	Total Organic Carbon - Quad	1.0				U	
33	CCV	15:37	Total Organic Carbon - Quad	9.9	10.0	99	85-115		WTOCICVSTK_00010
34	CCB	16:19	Total Organic Carbon - Quad	1.0				U	

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

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 25494	Date: 03/23/2009 19:18						
9060	MB 220-25494/6	Total Organic Carbon - Quad	1.0	U	mg/L	1.0	1
Batch ID: 25304	Date: 03/17/2009 16:07						
SM 2320B	MB 220-25304/5	Alkalinity	0.41	J	mg/L	2.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 25494		Date: 03/24/2009 03:20									
9060	220-8385-9	Total Organic Carbon - Quad	1.7		mg/L						
9060	220-8385-9 MS	Total Organic Carbon - Quad	22.87		mg/L	20.0	106	75-125			

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

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 25494	Date: 03/24/2009 01:54							
9060	OW-6	220-8385-8	Total Organic Carbon - Quad	4.0	mg/L			
9060	OW-6	220-8385-8 DU	Total Organic Carbon - Quad	3.82	mg/L	6	20	
Batch ID: 25304	Date: 03/17/2009 16:21							
SM 2320B	MW-34 I	220-8385-1	Alkalinity	254	mg/L			
SM 2320B	MW-34 I	220-8385-1 DU	Alkalinity	254.2	mg/L	0	20	
Batch ID: 25304	Date: 03/17/2009 19:18							
SM 2320B	MW-31S	220-8385-19	Alkalinity	313	mg/L			
SM 2320B	MW-31S	220-8385-19 DU	Alkalinity	310.6	mg/L	1	20	

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

FORM VI-IN

7A-IN
LAB CONTROL SPIKE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 25494	Date: 03/23/2009 18:31										
						LCS Source: WDEMLCS_00010					
9060	LCS 220-25494/5 ^4	Total Organic Carbon - Quad	86.21		mg/L	82.2	105	85-115			
Batch ID: 25304	Date: 03/17/2009 15:57										
						LCS Source: WALKLCS_00031					
SM 2320B	LCS 220-25304/3	Alkalinity	239.5		mg/L	236	101	85-115			
Batch ID: 25304	Date: 03/17/2009 17:10										
						LCS Source: WALKLCS_00031					
SM 2320B	LCS 220-25304/14	Alkalinity	240.9		mg/L	236	102	85-115			
Batch ID: 25304	Date: 03/17/2009 18:41										
						LCS Source: WALKLCS_00031					
SM 2320B	LCS 220-25304/24	Alkalinity	241.5		mg/L	236	102	85-115			
Batch ID: 25304	Date: 03/17/2009 19:38										
						LCS Source: WALKLCS_00031					
SM 2320B	LCS 220-25304/32	Alkalinity	256.4		mg/L	236	109	85-115			

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

FORM VIIA-IN

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG Number: 220-8385

Matrix: Water Instrument ID: TOC1

Analysis Method: 9060 MDL Date: 05/11/2008 08:54

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Organic Carbon - Quad		1	0.1

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-8385-1

SDG Number: 220-8385

Matrix: Water Instrument ID: Titrator

Analysis Method: SM 2320B MDL Date: 03/23/2008 08:13

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Alkalinity		2	0.16

12-IN
PREPARATION LOG

Lab Name: _____ Job No.: _____

SDG No.: _____

Preparation Method: _____

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume	Final Volume

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: TOC1 Method: 9060

Start Date: 03/23/2009 16:01 End Date: 03/24/2009 16:19

Lab Sample ID	D / F	Type	Time	Analytes																			
				TOCQ																			
ICV 220-25494/1	1		16:01	X																			
ICB 220-25494/2	1		16:43	X																			
CCV 220-25494/3	1		17:16	X																			
CCB 220-25494/4	1		17:57	X																			
LCS 220-25494/5 ^4	4	T	18:31	X																			
MB 220-25494/6	1	T	19:18	X																			
220-8385-1	1	T	19:52	X																			
220-8385-2	1	T	20:18	X																			
220-8385-3	1	T	20:46	X																			
220-8385-4	1	T	21:22	X																			
220-8385-5	1	T	22:05	X																			
220-8385-6	1	T	22:36	X																			
220-8385-7	1	T	23:18	X																			
220-8385-8	1	T	00:00	X																			
CCV 220-25494/15	1		00:43	X																			
CCB 220-25494/16	1		01:24	X																			
220-8385-8 DU	1	T	01:54	X																			
220-8385-9	1	T	02:35	X																			
220-8385-9 MS	1	T	03:20	X																			
220-8385-10	1	T	04:07	X																			
220-8385-11	1	T	04:38	X																			
220-8385-13	1	T	05:24	X																			
220-8385-14	1	T	06:08	X																			
220-8385-15	1	T	06:46	X																			
220-8385-16	1	T	07:29	X																			
220-8385-17	1	T	08:13	X																			
CCV 220-25494/27	1		08:56	X																			
CCB 220-25494/28	1		09:38	X																			
220-8385-18	1	T	10:03	X																			
220-8385-19	1	T	10:31	X																			
220-8385-20	1	T	11:07	X																			
ZZZZZZ			11:31																				
CCV 220-25494/33	1		15:37	X																			
CCB 220-25494/34	1		16:19	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8385-1

SDG No.: 220-8385

Instrument ID: Titrator Method: SM 2320B

Start Date: 03/17/2009 15:44 End Date: 03/17/2009 20:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				Alk																			
ZZZZZZ			15:44																				
ZZZZZZ			15:49																				
LCS 220-25304/3	1	T	15:57	X																			
ZZZZZZ			16:02																				
MB 220-25304/5	1	T	16:07	X																			
220-8385-1	1	T	16:14	X																			
220-8385-1 DU	1	T	16:21	X																			
220-8385-2	1	T	16:29	X																			
220-8385-3	1	T	16:36	X																			
220-8385-4	1	T	16:43	X																			
220-8385-5	1	T	16:50	X																			
220-8385-6	1	T	16:57	X																			
ZZZZZZ			17:02																				
LCS 220-25304/14	1	T	17:10	X																			
220-8385-7	1	T	17:17	X																			
220-8385-8	1	T	17:26	X																			
220-8385-9	1	T	17:34	X																			
220-8385-10	1	T	17:41	X																			
220-8385-11	1	T	17:48	X																			
220-8385-13	1	T	18:15	X																			
220-8385-14	1	T	18:22	X																			
220-8385-15	1	T	18:29	X																			
ZZZZZZ			18:34																				
LCS 220-25304/24	1	T	18:41	X																			
220-8385-16	1	T	18:47	X																			
220-8385-17	1	T	18:56	X																			
220-8385-18	1	T	19:03	X																			
220-8385-19	1	T	19:11	X																			
220-8385-19 DU	1	T	19:18	X																			
220-8385-20	1	T	19:25	X																			
ZZZZZZ			19:30																				
LCS 220-25304/32	1	T	19:38	X																			
ZZZZZZ			19:41																				
ZZZZZZ			19:45																				
ZZZZZZ			19:48																				
ZZZZZZ			19:51																				
ZZZZZZ			19:54																				
ZZZZZZ			19:57																				
ZZZZZZ			20:00																				

Prep Types
T = Total/NA

Alk: 25304
pH: 25303

TestAmerica Shelton CT

Analyst J. Mendoza

PC-TitratION PLUS

Report Date: 03/17/2009
Report Time: 8:03 PM

Run Number
815

Order Number
20090317-1

SampleID	RunDate	RunTime	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm
7.00 BUFFER	03/17/2009	3:44 PM	-1.00	7.00	.00	1,703.41	1,703.41	.00	.00
RB-1	03/17/2009	3:49 PM	-1.00	5.51	.00	.83	.83	.00	.00
LCS-1	03/17/2009	3:57 PM	-1.00	9.97	102.05	239.49	35.39	204.10	.00
RB-2	03/17/2009	4:02 PM	-1.00	5.86	.00	2.14	2.14	.00	.00
MB-1	03/17/2009	4:07 PM	-1.00	5.27	.00	.41	.41	.00	.00
220-8385-b-1	03/17/2009	4:14 PM	-1.00	7.04	.00	253.75	253.75	.00	.00
220-8385-b-1DU	03/17/2009	4:21 PM	-1.00	7.10	.00	254.25	254.25	.00	.00
220-8385-b-2	03/17/2009	4:29 PM	-1.00	7.46	.00	156.03	156.03	.00	.00
220-8385-b-3	03/17/2009	4:36 PM	-1.00	7.11	.00	131.35	131.35	.00	.00
220-8385-b-4	03/17/2009	4:43 PM	-1.00	7.15	.00	131.71	131.71	.00	.00
220-8385-b-5	03/17/2009	4:50 PM	-1.00	7.50	.00	294.86	294.86	.00	.00
220-8385-b-6	03/17/2009	4:57 PM	-1.00	7.29	.00	101.12	101.12	.00	.00
RB-3	03/17/2009	5:02 PM	-1.00	5.54	.00	.76	.76	.00	.00
LCS-2	03/17/2009	5:10 PM	-1.00	10.04	100.11	240.90	40.69	200.22	.00
220-8385-b-7	03/17/2009	5:17 PM	-1.00	6.94	.00	276.79	276.79	.00	.00
220-8385-b-8	03/17/2009	5:26 PM	-1.00	7.60	.00	478.15	478.15	.00	.00
220-8385-b-9	03/17/2009	5:34 PM	-1.00	7.72	.00	330.29	330.29	.00	.00
220-8385-b-10	03/17/2009	5:41 PM	-1.00	7.23	.00	121.68	121.68	.00	.00
220-8385-b-11	03/17/2009	5:48 PM	-1.00	7.22	.00	274.00	274.00	.00	.00
220-8385-b-13	03/17/2009	6:15 PM	-1.00	10.17	1,512.57	3,299.61	274.47	3,025.14	.00
220-8385-b-14	03/17/2009	6:22 PM	-1.00	7.13	.00	71.55	71.55	.00	.00
220-8385-b-15	03/17/2009	6:29 PM	-1.00	7.47	.00	199.55	199.55	.00	.00
RB-4	03/17/2009	6:34 PM	-1.00	5.72	.00	1.19	1.19	.00	.00
LCS-3	03/17/2009	6:41 PM	-1.00	10.01	97.64	241.53	46.24	195.29	.00
220-8385-b-16	03/17/2009	6:47 PM	-1.00	7.49	.00	95.29	95.29	.00	.00
220-8385-b-17	03/17/2009	6:56 PM	-1.00	7.62	.00	337.21	337.21	.00	.00
220-8385-b-18	03/17/2009	7:03 PM	-1.00	7.46	.00	114.25	114.25	.00	.00
220-8385-b-19	03/17/2009	7:11 PM	-1.00	7.53	.00	312.51	312.51	.00	.00
220-8385-b-19DU	03/17/2009	7:18 PM	-1.00	7.53	.00	310.63	310.63	.00	.00
220-8385-b-20	03/17/2009	7:25 PM	-1.00	7.75	.00	139.18	139.18	.00	.00
RB-5	03/17/2009	7:30 PM	-1.00	5.68	.00	1.70	1.70	.00	.00
LCS-4	03/17/2009	7:38 PM	-1.00	10.00	93.99	256.41	68.43	187.97	.00
7.00 BUFFER	03/17/2009	7:41 PM	-1.00	7.05	-1.00	-1.00	-1.00	-1.00	-1.00

W4BUFF_00004
W7BUFF_00004
W10BUFF_00002
WALKLCS_00031

Report Date: 03/17/2009
Report Time: 8:03 PM

Run Number
815

Order Number
20090317-1

SampleID	RunDate	RunTime	cond (uS)	pH	palk-ppm	talk-ppm	bcarb-ppm	carb-ppm	hydr-ppm
RB-6	03/17/2009	7:45 PM	-1.00	5.71	-1.00	-1.00	-1.00	-1.00	-1.00
MB-2	03/17/2009	7:48 PM	-1.00	5.47	-1.00	-1.00	-1.00	-1.00	-1.00
220-8419-a-1	03/17/2009	7:51 PM	-1.00	7.41	-1.00	-1.00	-1.00	-1.00	-1.00
220-8419-a-2	03/17/2009	7:54 PM	-1.00	8.89	-1.00	-1.00	-1.00	-1.00	-1.00
220-8419-a-2DU	03/17/2009	7:57 PM	-1.00	8.95	-1.00	-1.00	-1.00	-1.00	-1.00
220-8420-a-1	03/17/2009	8:00 PM	-1.00	7.04	-1.00	-1.00	-1.00	-1.00	-1.00

Calibration Report

Calibration Record # 798

Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	03/17/2009
Channel	1	Time	3:29 PM
Probe Type	pH	Temperature	294.98 K 21.83 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-60.037	CorrCoeff	1.0000
Intercept	26.980	Equation:	Y = (60.037) X + (26.980)

Calibration Validity **True** Operator A

	Result	Minimum	Maximum
Slope	-60.037	-63.00	-55.00
Intercept	26.980	-50.00	50.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	206.42
	7.00	28.32
	10.00	-153.80

CALRPRTLive1.SRW
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PC-Titrate For Windows
Timetable Template Report

Timetable Template:
20090317-1

Step	Schedule	Sample Id	Weight	Volume	Start Date	Start Time
1	PH CALIBRATION	4,7,10		20.00	03/17/2009	
2	PH-ALKALINITY	7.00 BUFFER		20.00	03/17/2009	
3	PH-ALKALINITY	RB-1		20.00	03/17/2009	
4	PH-ALKALINITY	LCS-1		20.00	03/17/2009	
5	PH-ALKALINITY	RB-2		20.00	03/17/2009	
6	PH-ALKALINITY	MB-1		20.00	03/17/2009	
7	PH-ALKALINITY	220-8385-b-1		20.00	03/17/2009	
8	PH-ALKALINITY	220-8385-b-1DU		20.00	03/17/2009	
9	PH-ALKALINITY	220-8385-b-2		20.00	03/17/2009	
10	PH-ALKALINITY	220-8385-b-3		20.00	03/17/2009	
11	PH-ALKALINITY	220-8385-b-4		20.00	03/17/2009	
12	PH-ALKALINITY	220-8385-b-5		20.00	03/17/2009	
13	PH-ALKALINITY	220-8385-b-6		20.00	03/17/2009	
14	PH-ALKALINITY	RB-3		20.00	03/17/2009	
15	PH-ALKALINITY	LCS-2		20.00	03/17/2009	
16	PH-ALKALINITY	220-8385-b-7		20.00	03/17/2009	
17	PH-ALKALINITY	220-8385-b-8		20.00	03/17/2009	
18	PH-ALKALINITY	220-8385-b-9		20.00	03/17/2009	
19	PH-ALKALINITY	220-8385-b-10		20.00	03/17/2009	
20	PH-ALKALINITY	220-8385-b-11		20.00	03/17/2009	
21	PH-ALKALINITY	220-8385-b-13		20.00	03/17/2009	
22	PH-ALKALINITY	220-8385-b-14		20.00	03/17/2009	
23	PH-ALKALINITY	220-8385-b-15		20.00	03/17/2009	
24	PH-ALKALINITY	RB-4		20.00	03/17/2009	
25	PH-ALKALINITY	LCS-3		20.00	03/17/2009	
26	PH-ALKALINITY	220-8385-b-16		20.00	03/17/2009	
27	PH-ALKALINITY	220-8385-b-17		20.00	03/17/2009	
28	PH-ALKALINITY	220-8385-b-18		20.00	03/17/2009	
29	PH-ALKALINITY	220-8385-b-19		20.00	03/17/2009	
30	PH-ALKALINITY	220-8385-b-19DU		20.00	03/17/2009	
31	PH-ALKALINITY	220-8385-b-20		20.00	03/17/2009	
32	PH-ALKALINITY	RB-5		20.00	03/17/2009	
33	PH-ALKALINITY	LCS-4		20.00	03/17/2009	
34	PH ONLY	7.00 BUFFER		20.00	03/17/2009	
35	PH ONLY	RB-6		20.00	03/17/2009	
36	PH ONLY	MB-2		20.00	03/17/2009	
37	PH ONLY	220-8419-a-1		20.00	03/17/2009	
38	PH ONLY	220-8419-a-2		20.00	03/17/2009	
39	PH ONLY	220-8419-a-2DU		20.00	03/17/2009	

TIMETABL.SRW
Copyright Hinterland Software Ltd.

Timetable Template:

20090317-1

Step	Schedule	Sample Id	Weight	Volume	Start Date	Start Time
40	PH ONLY	220-8420-a-1		20.00	03/17/2009	

TIMETABL.SRW
Copyright Hinterland Software Ltd.

25494
25495

090323RL.xls

25513_Acs

Report # 090323 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 3/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
ID1	1	1	03/23/09 15:29	372029	423742	-0.11	-0.14		DDM	
ID1	2	1	03/23/09 15:32	355169	423742	-0.14	-0.14		DDM	
ID1	3	1	03/23/09 15:36	343824	423742	-0.16	-0.14		DDM	
ID1	4	1	03/23/09 15:40	346177	423742	-0.16	-0.14		DDM	
ICV	1	1	03/23/09 16:01	5485712	423742	10.33	9.92		DDM	
ICV	2	1	03/23/09 16:11	5318048	423742	9.99	9.92		DDM	
ICV	3	1	03/23/09 16:19	5204597	423742	9.76	9.92		DDM	
ICV	4	1	03/23/09 16:28	5129825	423742	9.60	9.92	9.92	DDM	
ICB	1	1	03/23/09 16:43	308149	423742	-0.24	-0.29		DDM	
ICB	2	1	03/23/09 16:47	286672	423742	-0.28	-0.29		DDM	
ICB	3	1	03/23/09 16:51	271916	423742	-0.31	-0.29		DDM	
ICB	4	1	03/23/09 16:54	268033	423742	-0.32	-0.29	-0.29	DDM	
CCV	1	1	03/23/09 17:16	5499496	423742	10.36	9.94		DDM	
CCV	2	1	03/23/09 17:24	5330639	423742	10.01	9.94		DDM	
CCV	3	1	03/23/09 17:33	5197819	423742	9.74	9.94		DDM	
CCV	4	1	03/23/09 17:42	5158009	423742	9.66	9.94	9.94	DDM	
CCB	1	1	03/23/09 17:57	263040	423742	-0.33	-0.37		DDM	
CCB	2	1	03/23/09 18:01	242528	423742	-0.37	-0.37		DDM	
CCB	3	1	03/23/09 18:04	229835	423742	-0.40	-0.37		DDM	
CCB	4	1	03/23/09 18:08	225757	423742	-0.40	-0.37	-0.37	DDM	
LCS@4	1	4	03/23/09 18:31	11335690	423742	22.27	21.55		DDM	
LCS@4	2	4	03/23/09 18:42	11048300	423742	21.68	21.55		DDM	
LCS@4	3	4	03/23/09 18:53	10873876	423742	21.33	21.55		DDM	
LCS@4	4	4	03/23/09 19:03	10681692	423742	20.93	21.55	86.21	DDM	T V = 82.2 mg/L
MB	1	1	03/23/09 19:18	275247	423742	-0.30	-0.32		DDM	
MB	2	1	03/23/09 19:22	266347	423742	-0.32	-0.32		DDM	
MB	3	1	03/23/09 19:25	261590	423742	-0.33	-0.32		DDM	
MB	4	1	03/23/09 19:29	260865	423742	-0.33	-0.32	-0.32	DDM	
220-8385-e-1	1	1	03/23/09 19:52	1106743	423742	1.39	0.06		DDM	
220-8385-e-1	2	1	03/23/09 19:56	268306	423742	-0.32	0.06		DDM	
220-8385-e-1	3	1	03/23/09 19:59	207129	423742	-0.44	0.06		DDM	
220-8385-e-1	4	1	03/23/09 20:02	222498	423742	-0.41	0.06	0.06	DDM	
220-8385-e-2	1	1	03/23/09 20:18	291125	423742	-0.27	-0.37		DDM	
220-8385-e-2	2	1	03/23/09 20:21	214567	423742	-0.43	-0.37		DDM	
220-8385-e-2	3	1	03/23/09 20:24	227715	423742	-0.40	-0.37		DDM	
220-8385-e-2	4	1	03/23/09 20:28	234995	423742	-0.39	-0.37	-0.37	DDM	
220-8385-e-3	1	1	03/23/09 20:46	849149	423742	0.87	0.67		DDM	
220-8385-e-3	2	1	03/23/09 20:52	767203	423742	0.70	0.67		DDM	
220-8385-e-3	3	1	03/23/09 20:58	706882	423742	0.58	0.67		DDM	
220-8385-e-3	4	1	03/23/09 21:04	681062	423742	0.53	0.67	0.67	DDM	
220-8385-e-4	1	1	03/23/09 21:22	829821	423742	0.83	0.66		DDM	
220-8385-e-4	2	1	03/23/09 21:29	753200	423742	0.67	0.66		DDM	
220-8385-e-4	3	1	03/23/09 21:35	702348	423742	0.57	0.66		DDM	
220-8385-e-4	4	1	03/23/09 21:41	695046	423742	0.55	0.66	0.66	DDM	
220-8385-e-5	1	1	03/23/09 22:05	1496809	423742	2.19	0.29		DDM	
220-8385-e-5	2	1	03/23/09 22:09	321912	423742	-0.21	0.29		DDM	
220-8385-e-5	3	1	03/23/09 22:12	219924	423742	-0.42	0.29		DDM	
220-8385-e-5	4	1	03/23/09 22:16	232886	423742	-0.39	0.29	0.29	DDM	
220-8385-e-6	1	1	03/23/09 22:36	1543633	423742	2.29	1.91		DDM	
220-8385-e-6	2	1	03/23/09 22:44	1401400	423742	2.00	1.91		DDM	
220-8385-e-6	3	1	03/23/09 22:51	1284580	423742	1.76	1.91		DDM	
220-8385-e-6	4	1	03/23/09 22:58	1211558	423742	1.61	1.91	1.91	DDM	

Report # 090323 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 3/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-8385-e-7	1	1	03/23/09 23:18	2350259	423742	3.93	3.68		DDM	
220-8385-e-7	2	1	03/23/09 23:26	2266998	423742	3.76	3.68		DDM	
220-8385-e-7	3	1	03/23/09 23:33	2156128	423742	3.54	3.68		DDM	
220-8385-e-7	4	1	03/23/09 23:40	2130653	423742	3.48	3.68	3.68	DDM	
220-8385-e-8	1	1	03/24/09 00:00	2528063	423742	4.29	4.05		DDM	
220-8385-e-8	2	1	03/24/09 00:07	2468466	423742	4.17	4.05		DDM	
220-8385-e-8	3	1	03/24/09 00:15	2338986	423742	3.91	4.05		DDM	
220-8385-e-8	4	1	03/24/09 00:22	2291277	423742	3.81	4.05	4.05	DDM	
CCV	1	1	03/24/09 00:43	5407009	423742	10.17	9.81		DDM	
CCV	2	1	03/24/09 00:52	5249444	423742	9.85	9.81		DDM	
CCV	3	1	03/24/09 01:01	5156844	423742	9.66	9.81		DDM	
CCV	4	1	03/24/09 01:09	5103225	423742	9.55	9.81	9.81	DDM	
CCB	1	1	03/24/09 01:24	244909	423742	-0.36	-0.39		DDM	
CCB	2	1	03/24/09 01:28	233122	423742	-0.39	-0.39		DDM	
CCB	3	1	03/24/09 01:31	229223	423742	-0.40	-0.39		DDM	
CCB	4	1	03/24/09 01:35	229727	423742	-0.40	-0.39	-0.39	DDM	
220-8385-f-8 DU	1	1	03/24/09 01:54	2419698	423742	4.07	3.82		DDM	
220-8385-f-8 DU	2	1	03/24/09 02:02	2326252	423742	3.88	3.82		DDM	
220-8385-f-8 DU	3	1	03/24/09 02:09	2236882	423742	3.70	3.82		DDM	
220-8385-f-8 DU	4	1	03/24/09 02:17	2191997	423742	3.61	3.82	3.82	DDM	
220-8385-f-9 DU	1	1	03/24/09 02:35	1361986	423742	1.91	1.72		DDM	
220-8385-f-9 DU	2	1	03/24/09 02:42	1277435	423742	1.74	1.72		DDM	
220-8385-f-9 DU	3	1	03/24/09 02:49	1214497	423742	1.61	1.72		DDM	
220-8385-f-9 DU	4	1	03/24/09 02:56	1207186	423742	1.60	1.72	1.72	DDM	
220-8385-f-9 MS	1	1	03/24/09 03:20	11908538	423742	23.44	22.87		DDM	
220-8385-f-9 MS	2	1	03/24/09 03:31	11653937	423742	22.92	22.87		DDM	
220-8385-f-9 MS	3	1	03/24/09 03:42	11491961	423742	22.59	22.87		DDM	
220-8385-f-9 MS	4	1	03/24/09 03:53	11475467	423742	22.55	22.87	22.87	DDM	S A = 20.0 mg/L
220-8385-e-10	1	1	03/24/09 04:07	208957	423742	-0.44	-0.46		DDM	
220-8385-e-10	2	1	03/24/09 04:11	196090	423742	-0.46	-0.46		DDM	
220-8385-e-10	3	1	03/24/09 04:14	197399	423742	-0.46	-0.46		DDM	
220-8385-e-10	4	1	03/24/09 04:17	199605	423742	-0.46	-0.46	-0.46	DDM	
220-8385-e-11	1	1	03/24/09 04:38	1559791	423742	2.32	1.81		DDM	
220-8385-e-11	2	1	03/24/09 04:47	1358696	423742	1.91	1.81		DDM	
220-8385-e-11	3	1	03/24/09 04:55	1206760	423742	1.60	1.81		DDM	
220-8385-e-11	4	1	03/24/09 05:02	1122709	423742	1.43	1.81	1.81	DDM	
220-8385-e-13	1	1	03/24/09 05:24	4708120	423742	8.74	8.42		DDM	
220-8385-e-13	2	1	03/24/09 05:32	4600869	423742	8.52	8.42		DDM	
220-8385-e-13	3	1	03/24/09 05:41	4458914	423742	8.23	8.42		DDM	
220-8385-e-13	4	1	03/24/09 05:49	4421887	423742	8.16	8.42	8.42	DDM	
220-8385-e-14	1	1	03/24/09 06:08	1053738	423742	1.29	1.16		DDM	
220-8385-e-14	2	1	03/24/09 06:14	1007762	423742	1.19	1.16		DDM	
220-8385-e-14	3	1	03/24/09 06:20	969540	423742	1.11	1.16		DDM	
220-8385-e-14	4	1	03/24/09 06:27	943174	423742	1.06	1.16	1.16	DDM	
220-8385-e-15	1	1	03/24/09 06:46	1766204	423742	2.74	2.55		DDM	
220-8385-e-15	2	1	03/24/09 06:54	1702853	423742	2.61	2.55		DDM	
220-8385-e-15	3	1	03/24/09 07:01	1625520	423742	2.45	2.55		DDM	
220-8385-e-15	4	1	03/24/09 07:08	1597945	423742	2.40	2.55	2.55	DDM	
220-8385-e-16	1	1	03/24/09 07:29	3133021	423742	5.53	5.28		DDM	
220-8385-e-16	2	1	03/24/09 07:37	3045691	423742	5.35	5.28		DDM	
220-8385-e-16	3	1	03/24/09 07:45	2949901	423742	5.16	5.28		DDM	
220-8385-e-16	4	1	03/24/09 07:53	2916658	423742	5.09	5.28	5.28	DDM	

Report # 090323 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 3/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
220-8385-e-17	1	1	03/24/09 08:13	1645003	423742	2.49	2.30		DDM	
220-8385-e-17	2	1	03/24/09 08:20	1565972	423742	2.33	2.30		DDM	
220-8385-e-17	3	1	03/24/09 08:27	1508793	423742	2.21	2.30		DDM	
220-8385-e-17	4	1	03/24/09 08:34	1485238	423742	2.17	2.30	2.30	DDM	
CCV	1	1	03/24/09 08:56	5453971	423742	10.27	9.97		DDM	
CCV	2	1	03/24/09 09:05	5337835	423742	10.03	9.97		DDM	
CCV	3	1	03/24/09 09:14	5251136	423742	9.85	9.97		DDM	
CCV	4	1	03/24/09 09:23	5191860	423742	9.73	9.97	9.97	DDM	
CCB	1	1	03/24/09 09:38	224661	423742	-0.41	-0.44		DDM	
CCB	2	1	03/24/09 09:41	206157	423742	-0.44	-0.44		DDM	
CCB	3	1	03/24/09 09:45	201636	423742	-0.45	-0.44		DDM	
CCB	4	1	03/24/09 09:48	199253	423742	-0.46	-0.44	-0.44	DDM	
220-8385-e-18	1	1	03/24/09 10:03	179294	423742	-0.50	-0.50		DDM	
220-8385-e-18	2	1	03/24/09 10:06	176188	423742	-0.51	-0.50		DDM	
220-8385-e-18	3	1	03/24/09 10:09	177990	423742	-0.50	-0.50		DDM	
220-8385-e-18	4	1	03/24/09 10:13	182926	423742	-0.49	-0.50	-0.50	DDM	
220-8385-e-19	1	1	03/24/09 10:31	1414726	423742	2.02	1.82		DDM	
220-8385-e-19	2	1	03/24/09 10:38	1351198	423742	1.89	1.82		DDM	
220-8385-e-19	3	1	03/24/09 10:45	1275668	423742	1.74	1.82		DDM	
220-8385-e-19	4	1	03/24/09 10:51	1222324	423742	1.63	1.82	1.82	DDM	
220-8385-e-20	1	1	03/24/09 11:07	224625	423742	-0.41	-0.50		DDM	
220-8385-e-20	2	1	03/24/09 11:10	162763	423742	-0.53	-0.50		DDM	
220-8385-e-20	3	1	03/24/09 11:13	166247	423742	-0.53	-0.50		DDM	
220-8385-e-20	4	1	03/24/09 11:16	168158	423742	-0.52	-0.50	-0.50	DDM	
220-8445-e-4	1	1	03/24/09 11:31	183194	423742	-0.49	-0.54		DDM	
220-8445-e-4	2	1	03/24/09 11:35	148591	423742	-0.56	-0.54		DDM	
220-8445-e-4	3	1	03/24/09 11:38	148342	423742	-0.56	-0.54		DDM	
220-8445-e-4	4	1	03/24/09 11:41	151183	423742	-0.56	-0.54	-0.54	DDM	
LCS@4	1	4	03/24/09 12:05	11473088	423742	22.55	21.99		DDM	
LCS@4	2	4	03/24/09 12:16	11264874	423742	22.12	21.99		DDM	
LCS@4	3	4	03/24/09 12:27	11108078	423742	21.80	21.99		DDM	
LCS@4	4	4	03/24/09 12:38	10945268	423742	21.47	21.99	87.95	DDM	T V = 82.2 mg/L
MB	1	1	03/24/09 12:53	211626	423742	-0.43	-0.46		DDM	
MB	2	1	03/24/09 12:56	199306	423742	-0.46	-0.46		DDM	
MB	3	1	03/24/09 12:59	195394	423742	-0.47	-0.46		DDM	
MB	4	1	03/24/09 13:03	195827	423742	-0.47	-0.46	-0.46	DDM	
220-8445-e-11	1	1	03/24/09 13:18	215343	423742	-0.43	-0.52		DDM	
220-8445-e-11	2	1	03/24/09 13:21	147235	423742	-0.56	-0.52		DDM	
220-8445-e-11	3	1	03/24/09 13:24	149858	423742	-0.56	-0.52		DDM	
220-8445-e-11	4	1	03/24/09 13:27	154277	423742	-0.55	-0.52	-0.52	DDM	
220-8423-f-1	1	1	03/24/09 13:45	499745	423742	0.16	-0.38		DDM	
220-8423-f-1	2	1	03/24/09 13:49	199288	423742	-0.46	-0.38		DDM	
220-8423-f-1	3	1	03/24/09 13:52	112707	423742	-0.63	-0.38		DDM	
220-8423-f-1	4	1	03/24/09 13:55	135430	423742	-0.59	-0.38	-0.38	DDM	
220-8423-i-1 DOC	1	1	03/24/09 14:13	464254	423742	0.08	-0.39		DDM	
220-8423-i-1 DOC	2	1	03/24/09 14:16	193695	423742	-0.47	-0.39		DDM	
220-8423-i-1 DOC	3	1	03/24/09 14:20	124103	423742	-0.61	-0.39		DDM	
220-8423-i-1 DOC	4	1	03/24/09 14:23	141578	423742	-0.58	-0.39	-0.39	DDM	
220-8423-f-2	1	1	03/24/09 14:46	6747166	423742	12.90	12.44		DDM	
220-8423-f-2	2	1	03/24/09 14:56	6614321	423742	12.63	12.44		DDM	
220-8423-f-2	3	1	03/24/09 15:06	6438269	423742	12.27	12.44		DDM	
220-8423-f-2	4	1	03/24/09 15:16	6283924	423742	11.96	12.44	12.44	DDM	

Report # 090323 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 3/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
CCV	1	1	03/24/09 15:37	5389149	423742	10.13	9.91		DDM	
CCV	2	1	03/24/09 15:47	5248633	423742	9.85	9.91		DDM	
CCV	3	1	03/24/09 15:56	5277730	423742	9.91	9.91		DDM	
CCV	4	1	03/24/09 16:04	5207088	423742	9.76	9.91	9.91	DDM	
CCB	1	1	03/24/09 16:19	203148	423742	-0.45	-0.49		DDM	
CCB	2	1	03/24/09 16:23	178691	423742	-0.50	-0.49		DDM	
CCB	3	1	03/24/09 16:26	176955	423742	-0.50	-0.49		DDM	
CCB	4	1	03/24/09 16:29	170009	423742	-0.52	-0.49	-0.49	DDM	
220-8423-i-2 DOC	1	1	03/24/09 16:53	6245344	423742	11.88	11.24		DDM	
220-8423-i-2 DOC	2	1	03/24/09 17:03	5975485	423742	11.33	11.24		DDM	
220-8423-i-2 DOC	3	1	03/24/09 17:13	5840164	423742	11.05	11.24		DDM	
220-8423-i-2 DOC	4	1	03/24/09 17:22	5663571	423742	10.69	11.24	11.24	DDM	
220-8423-f-3	1	1	03/24/09 17:46	3113899	423742	5.49	5.03		DDM	
220-8423-f-3	2	1	03/24/09 17:57	2970687	423742	5.20	5.03		DDM	
220-8423-f-3	3	1	03/24/09 18:07	2788065	423742	4.82	5.03		DDM	
220-8423-f-3	4	1	03/24/09 18:17	2680815	423742	4.61	5.03	5.03	DDM	
220-8423-i-3 DOC	1	1	03/24/09 18:39	3161830	423742	5.59	4.99		DDM	
220-8423-i-3 DOC	2	1	03/24/09 18:49	2910581	423742	5.07	4.99		DDM	
220-8423-i-3 DOC	3	1	03/24/09 18:59	2806335	423742	4.86	4.99		DDM	
220-8423-i-3 DOC	4	1	03/24/09 19:08	2603382	423742	4.45	4.99	4.99	DDM	
220-8423-g-4	1	1	03/24/09 19:29	3670978	423742	6.63	6.21		DDM	
220-8423-g-4	2	1	03/24/09 19:38	3501970	423742	6.28	6.21		DDM	
220-8423-g-4	3	1	03/24/09 19:46	3358701	423742	5.99	6.21		DDM	
220-8423-g-4	4	1	03/24/09 19:54	3335991	423742	5.94	6.21	6.21	DDM	
220-8423-i-4 DOC	1	1	03/24/09 20:15	3753012	423742	6.79	6.53		DDM	
220-8423-i-4 DOC	2	1	03/24/09 20:24	3671634	423742	6.63	6.53		DDM	
220-8423-i-4 DOC	3	1	03/24/09 20:32	3608983	423742	6.50	6.53		DDM	
220-8423-i-4 DOC	4	1	03/24/09 20:40	3455415	423742	6.19	6.53	6.53	DDM	
220-8423-f-5	1	1	03/24/09 20:55	371901	423742	-0.11	-0.08		DDM	
220-8423-f-5	2	1	03/24/09 20:59	395653	423742	-0.06	-0.08		DDM	
220-8423-f-5	3	1	03/24/09 21:03	380879	423742	-0.09	-0.08		DDM	
220-8423-f-5	4	1	03/24/09 21:06	380394	423742	-0.09	-0.08	-0.08	DDM	
220-8423-i-5 DOC	1	1	03/24/09 21:21	338064	423742	-0.17	-0.15		DDM	
220-8423-i-5 DOC	2	1	03/24/09 21:25	359404	423742	-0.13	-0.15		DDM	
220-8423-i-5 DOC	3	1	03/24/09 21:28	355601	423742	-0.14	-0.15		DDM	
220-8423-i-5 DOC	4	1	03/24/09 21:32	353631	423742	-0.14	-0.15	-0.15	DDM	
220-8423-f-6	1	1	03/24/09 21:58	2656536	423742	4.56	3.55		DDM	
220-8423-f-6	2	1	03/24/09 22:11	2375935	423742	3.98	3.55		DDM	
220-8423-f-6	3	1	03/24/09 22:21	1973249	423742	3.16	3.55		DDM	
220-8423-f-6	4	1	03/24/09 22:31	1655526	423742	2.51	3.55	3.55	DDM	
220-8423-i-6 DOC	1	1	03/24/09 22:57	3126733	423742	5.52	4.20		DDM	
220-8423-i-6 DOC	2	1	03/24/09 23:10	2567530	423742	4.37	4.20		DDM	
220-8423-i-6 DOC	3	1	03/24/09 23:21	2191442	423742	3.61	4.20		DDM	
220-8423-i-6 DOC	4	1	03/24/09 23:32	2035136	423742	3.29	4.20	4.20	DDM	
220-8424-f-1	1	1	03/24/09 23:50	1038324	423742	1.25	1.01		DDM	
220-8424-f-1	2	1	03/24/09 23:56	934998	423742	1.04	1.01		DDM	
220-8424-f-1	3	1	03/25/09 00:02	867215	423742	0.90	1.01		DDM	
220-8424-f-1	4	1	03/25/09 00:08	827177	423742	0.82	1.01	1.01	DDM	
CCV	1	1	03/25/09 00:29	5416950	423742	10.19	9.77		DDM	
CCV	2	1	03/25/09 00:37	5229254	423742	9.81	9.77		DDM	
CCV	3	1	03/25/09 00:46	5133603	423742	9.61	9.77		DDM	
CCV	4	1	03/25/09 00:54	5071482	423742	9.48	9.77	9.77	DDM	

Report # 090323 Calibration used: 10/15/08 Instrument: Phoenix 8000 UV-Persulfate Analyzer
Reviewer: D. Nemeth Date: 3/24/09 TOC STD: WTOCSTDSTK_00007
ICV & CCV: WTOCICVSTK_00010

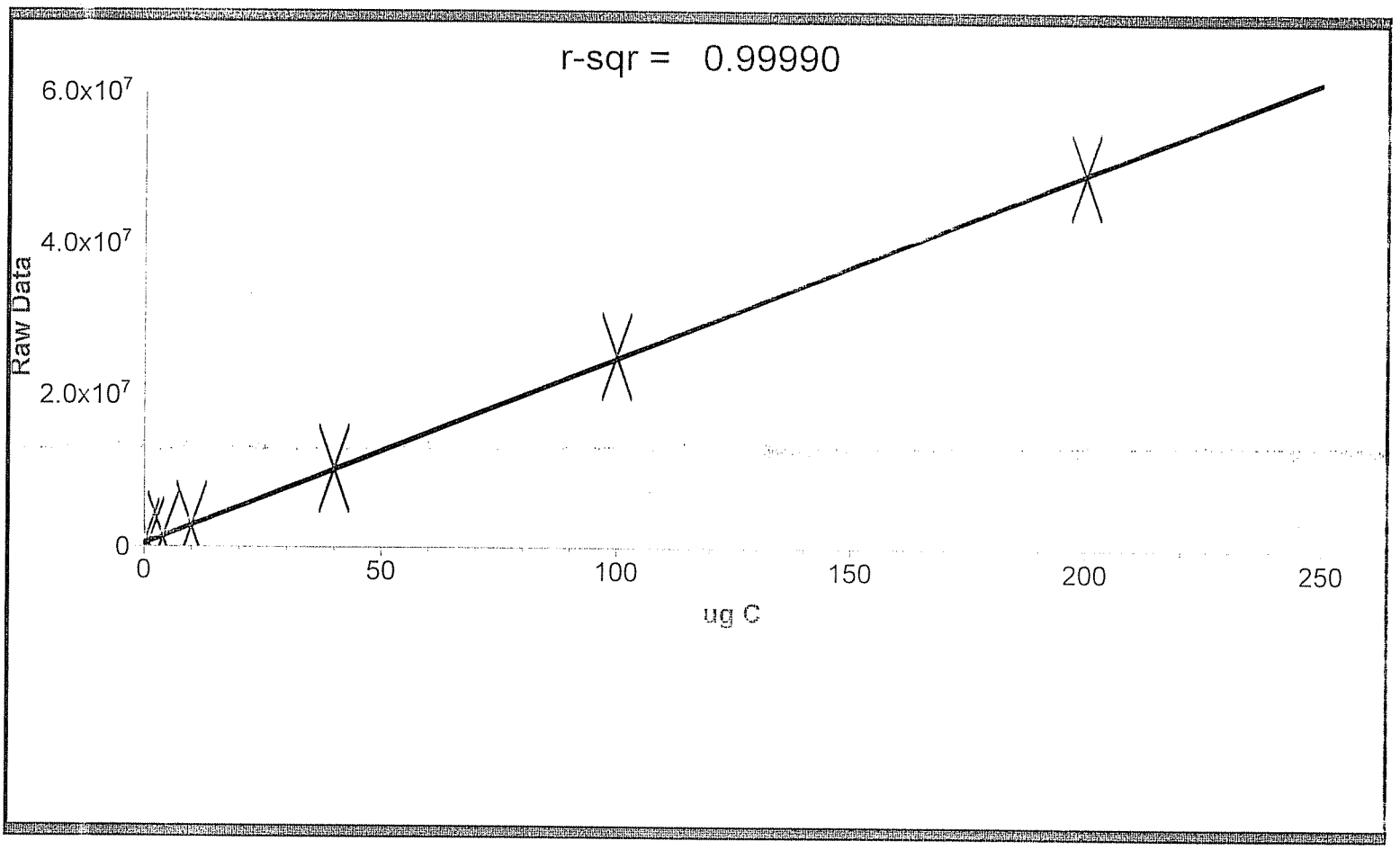
Sample ID	Rep #	dilution factor	Replicate Timestamp	Raw Data Result	Sample Blank Value	Results ppmC without dilution	Sample Mean without dilution	Sample Mean with dilution	User ID	Remarks
CCB	1	1	03/25/09 01:09	270879	423742	-0.31	-0.35		DDM	
CCB	2	1	03/25/09 01:13	247238	423742	-0.36	-0.35		DDM	
CCB	3	1	03/25/09 01:16	247929	423742	-0.36	-0.35		DDM	
CCB	4	1	03/25/09 01:20	245666	423742	-0.36	-0.35	-0.35	DDM	
220-8424-f-2	1	1	03/25/09 01:38	1287654	423742	1.76	1.53		DDM	
220-8424-f-2	2	1	03/25/09 01:45	1184260	423742	1.55	1.53		DDM	
220-8424-f-2	3	1	03/25/09 01:51	1126476	423742	1.43	1.53		DDM	
220-8424-f-2	4	1	03/25/09 01:57	1092806	423742	1.37	1.53	1.53	DDM	
220-8424-f-3	1	1	03/25/09 02:15	801854	423742	0.77	0.58		DDM	
220-8424-f-3	2	1	03/25/09 02:21	712744	423742	0.59	0.58		DDM	
220-8424-f-3	3	1	03/25/09 02:27	663944	423742	0.49	0.58		DDM	
220-8424-f-3	4	1	03/25/09 02:32	650413	423742	0.46	0.58	0.58	DDM	
220-8424-g-3 DU	1	1	03/25/09 02:50	826916	423742	0.82	0.63		DDM	
220-8424-g-3 DU	2	1	03/25/09 02:56	737029	423742	0.64	0.63		DDM	
220-8424-g-3 DU	3	1	03/25/09 03:02	702248	423742	0.57	0.63		DDM	
220-8424-g-3 DU	4	1	03/25/09 03:07	671598	423742	0.51	0.63	0.63	DDM	
220-8424-e-3 MS	1	1	03/25/09 03:31	11531250	423742	22.67	22.01		DDM	
220-8424-e-3 MS	2	1	03/25/09 03:42	11244796	423742	22.08	22.01		DDM	
220-8424-e-3 MS	3	1	03/25/09 03:53	11064924	423742	21.72	22.01		DDM	
220-8424-e-3 MS	4	1	03/25/09 04:03	10994610	423742	21.57	22.01	22.01	DDM	S A = 20.0 mg/L
220-8424-f-4	1	1	03/25/09 04:22	1526705	423742	2.25	1.96		DDM	
220-8424-f-4	2	1	03/25/09 04:29	1418892	423742	2.03	1.96		DDM	
220-8424-f-4	3	1	03/25/09 04:36	1317652	423742	1.82	1.96		DDM	
220-8424-f-4	4	1	03/25/09 04:43	1269358	423742	1.73	1.96	1.96	DDM	
220-8424-f-5	1	1	03/25/09 05:02	1337734	423742	1.87	1.65		DDM	
220-8424-f-5	2	1	03/25/09 05:09	1255631	423742	1.70	1.65		DDM	
220-8424-f-5	3	1	03/25/09 05:16	1192783	423742	1.57	1.65		DDM	
220-8424-f-5	4	1	03/25/09 05:22	1149338	423742	1.48	1.65	1.65	DDM	
220-8424-f-6	1	1	03/25/09 05:40	817179	423742	0.80	0.53		DDM	
220-8424-f-6	2	1	03/25/09 05:47	681640	423742	0.53	0.53		DDM	
220-8424-f-6	3	1	03/25/09 05:53	626898	423742	0.41	0.53		DDM	
220-8424-f-6	4	1	03/25/09 05:59	606325	423742	0.37	0.53	0.53	DDM	
CCV	1	1	03/25/09 06:21	5199377	423742	9.75	9.68		DDM	
CCV	2	1	03/25/09 06:30	5165592	423742	9.68	9.68		DDM	
CCV	3	1	03/25/09 06:39	5154586	423742	9.65	9.68		DDM	
CCV	4	1	03/25/09 06:48	5144453	423742	9.63	9.68	9.68	DDM	
CCB	1	1	03/25/09 07:03	256507	423742	-0.34	-0.37		DDM	
CCB	2	1	03/25/09 07:07	241421	423742	-0.37	-0.37		DDM	
CCB	3	1	03/25/09 07:10	240143	423742	-0.37	-0.37		DDM	
CCB	4	1	03/25/09 07:13	234525	423742	-0.39	-0.37	-0.37	DDM	

Calibration Report Print Date/Time: 2009/03/25 10:07:06
Instrument: TOC1/STLCT

Cal. Curve ID: WTOCSTDSTK_00007
Created: 2008/10/16 07:53
Calibration Factor (m): 2.450e+05
Y Intercept (b): 409859
r-squared: 0.99990

In Use	Standard ID	Y Raw Data	X Expected ug C/N	Measured ug C/N	Message	Date & Time
X	0.00 ppm	397052	0.000	-0.052		2008/10/15 15:58
X	0.50 ppm	569370	1.000	0.651		2008/10/15 16:27
X	2.00 ppm	1330565	4.000	3.758		2008/10/15 17:01
X	5.00 ppm	2757530	10.000	9.582		2008/10/15 17:42
X	20.0 ppm	10301221	40.000	40.371		2008/10/15 18:32
X	50.0 ppm	25272626	100.000	101.475		2008/10/15 19:38
X	100.0 ppm	49220384	200.000	199.216		2008/10/15 21:08

(Signatures)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6.0x10^7
4.0x10^7
2.0x10^7
0
Raw Data
0
50
100
150
200
250
ug C

General Chemistry Worksheet

Batch Number: 220-25304
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Mar 17 2009 3:44PM
Batch End: Mar 17 2009 8:00PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Calculation Message	Test_00001	VCLPIC_00001	WALKLCS_00031
7.00~BUFFER					InitialAmount is blank			
RB-1					InitialAmount is blank			
LCS~220-25304/3		2320B			InitialAmount is blank			20 mL
RB~220-25304/4					InitialAmount is blank	# L		
MB~220-25304/5		2320B			InitialAmount is blank			
220-8385-B-1	MW-34 I	2320B	T		InitialAmount is blank			
220-8385-B-1~DU		2320B	T		InitialAmount is blank			
220-8385-B-2	MW-34 S	2320B	T		InitialAmount is blank			
220-8385-B-3	OW-7	2320B	T		InitialAmount is blank			
220-8385-B-4	DUP-031109	2320B	T		InitialAmount is blank			
220-8385-B-5	MW-26 S	2320B	T		InitialAmount is blank			
220-8385-B-6	MW-26 I	2320B	T		InitialAmount is blank			
RB~220-25304/13					InitialAmount is blank		# %	
LCS~220-25304/14		2320B			InitialAmount is blank	# L		20 mL
220-8385-B-7	OW-5	2320B	T		InitialAmount is blank			
220-8385-B-8	OW-6	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-9	MW-35 S	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-10	MW-35 I	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-11	OW-4	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-13	OW-3	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-14	MW-30 I	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-15	MW-30 S	2320B	T	20 mL	Titrant1Normality is blank			
RB~220-25304/23				20 mL	Titrant1Normality is blank		# %	
LCS~220-25304/24		2320B		20 mL	Titrant1Normality is blank		# %	20 mL
220-8385-B-16	MW-24	2320B	T	20 mL	Titrant1Normality is blank			

General Chemistry Worksheet

Batch Number: 220-25304
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Mar 17 2009 3:44PM
Batch End: Mar 17 2009 8:00PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Calculation Message	Test_00001	VCLPIC_00001	WALKLCS_00031
220-8385-B-17	MW-33 S	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-18	MW-33 I	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-19	MW-31S	2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-19~DU		2320B	T	20 mL	Titrant1Normality is blank			
220-8385-B-20	MW-31 I	2320B	T	20 mL	Titrant1Normality is blank			
RB~220-25304/31				20 mL	Titrant1Normality is blank		# %	
LCS~220-25304/32		2320B		20 mL	Titrant1Normality is blank		# %	20 mL
7.00~BUFFER				20 mL	Titrant1Normality is blank			
RB~220-25304/34				20 mL	Titrant1Normality is blank		# %	
MB~220-25304/35				20 mL	InitialAmount is blank	# L		
220-8419-A-1	WASH-1			20 mL	Titrant1Normality is blank			
220-8419-A-2	WASH-2			20 mL	Titrant1Normality is blank			
220-8419-A-2~DU				20 mL	Titrant1Normality is blank			
220-8420-A-1	OX-1			20 mL	Titrant1Normality is blank			

First Start time: 15:44
First End time: 20:00
Nominal Volume Used: 20 mL

General Chemistry Worksheet

Batch Number: 220-25304
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Mar 17 2009 3:44PM
Batch End: Mar 17 2009 8:00PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
7.00~BUFFER				
RB-1				
LCS~220-25304/3		2320B		
RB~220-25304/4				
MB~220-25304/5		2320B		
220-8385-B-1	MW-34 I	2320B	T	
220-8385-B-1~DU		2320B	T	
220-8385-B-2	MW-34 S	2320B	T	
220-8385-B-3	OW-7	2320B	T	
220-8385-B-4	DUP-031109	2320B	T	
220-8385-B-5	MW-26 S	2320B	T	
220-8385-B-6	MW-26 I	2320B	T	
RB~220-25304/13				
LCS~220-25304/14		2320B		
220-8385-B-7	OW-5	2320B	T	
220-8385-B-8	OW-6	2320B	T	
220-8385-B-9	MW-35 S	2320B	T	
220-8385-B-10	MW-35 I	2320B	T	
220-8385-B-11	OW-4	2320B	T	
220-8385-B-13	OW-3	2320B	T	
220-8385-B-14	MW-30 I	2320B	T	
220-8385-B-15	MW-30 S	2320B	T	
RB~220-25304/23				
LCS~220-25304/24		2320B		
220-8385-B-16	MW-24	2320B	T	

General Chemistry Worksheet

Batch Number: 220-25304
Method: SM 2320B
Analyst: Mendoza, Julia

Date Open: Mar 17 2009 3:44PM
Batch End: Mar 17 2009 8:00PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
220-8385-B-17	MW-33 S	2320B	T	
220-8385-B-18	MW-33 I	2320B	T	
220-8385-B-19	MW-31S	2320B	T	
220-8385-B-19~DU		2320B	T	
220-8385-B-20	MW-31 I	2320B	T	
RB~220-25304/31				
LCS~220-25304/32		2320B		
7.00~BUFFER				
RB~220-25304/34				
MB~220-25304/35				
220-8419-A-1	WASH-1			
220-8419-A-2	WASH-2			
220-8419-A-2~DU				
220-8420-A-1	OX-1			

Batch Comment: walklcs_00031

General Chemistry Worksheet

Batch Number: 220-25494
Method: 9060
Analyst: Madumadu, Dave

Date Open: Mar 23 2009 4:01PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00010
ICV~220-25494/1		9060		44 mL		0.22 mL
ICB~220-25494/2		9060		44 mL		
CCV~220-25494/3		9060		44 mL		0.22 mL
CCB~220-25494/4		9060		44 mL		
LCS~220-25494/5~^4		9060		44 mL	11 mL	
MB~220-25494/6		9060		44 mL		
220-8385-E-1	MW-34 I	9060	T	44 mL		
220-8385-E-2	MW-34 S	9060	T	44 mL		
220-8385-E-3	OW-7	9060	T	44 mL		
220-8385-E-4	DUP-031109	9060	T	44 mL		
220-8385-E-5	MW-26 S	9060	T	44 mL		
220-8385-E-6	MW-26 I	9060	T	44 mL		
220-8385-E-7	OW-5	9060	T	44 mL		
220-8385-E-8	OW-6	9060	T	44 mL		
CCV~220-25494/15		9060		44 mL		0.22 mL
CCB~220-25494/16		9060		44 mL		
220-8385-F-8~DU		9060	T	44 mL		
220-8385-F-9	MW-35 S	9060	T	44 mL		
220-8385-F-9~MS		9060	T	44 mL		0.44 mL
220-8385-E-10	MW-35 I	9060	T	44 mL		
220-8385-E-11	OW-4	9060	T	44 mL		
220-8385-E-13	OW-3	9060	T	44 mL		
220-8385-E-14	MW-30 I	9060	T	44 mL		
220-8385-E-15	MW-30 S	9060	T	44 mL		
220-8385-E-16	MW-24	9060	T	44 mL		

General Chemistry Worksheet

Batch Number: 220-25494
Method: 9060
Analyst: Madumadu, Dave

Date Open: Mar 23 2009 4:01PM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Final weight/volume of sample	WDEMLCS_00010	WTOCICVSTK_00010
220-8385-E-17	MW-33 S	9060	T	44 mL		
CCV~220-25494/27		9060		44 mL		0.22 mL
CCB~220-25494/28		9060		44 mL		
220-8385-E-18	MW-33 I	9060	T	44 mL		
220-8385-E-19	MW-31S	9060	T	44 mL		
220-8385-E-20	MW-31 I	9060	T	44 mL		
220-8445-E-4	RB-03-17	9060	T	44 mL		
CCV~220-25494/33		9060		44 mL		0.22 mL
CCB~220-25494/34		9060		44 mL		

MISCELLANEOUS DATA

ROUX CHAIN OF CUSTODY

№ 12164Y

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
209 SHAFTER STREET
ISLANDIA, NEW YORK 11749-5074
(631) 232-2600 FAX: (631) 232-9898

ANALYSES — PAGE OF

8385

PROJECT NAME	PROJECT NUMBER
FORMER THYPIN	0771.000/Y000

PROJECT LOCATION: MANORHAVEN - THYPIN / PORT WASHINGTON

PROJECT MANAGER	SAMPLER(S)
C. Proce	Mike Ritorto, Supy Singh

SAMPLE DESIGNATION / LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	MOD Fe, MN 6010B ✓	FULL VOCS 8260B ✓	TOC Quad 9060 ✓	Akalinity 2320B ✓	LAB FILTERED Fe, MN 6010B ✓	TOTAL BOTTLES	NOTES
MW-34I (1)	3/11/09	0925	AQ	X	X	X	X	X	6	
MW-34S (2)	3/11/09	1010		X	X	X	X	X	6	
OW-7 (3)	3/11/09	1115		X	X	X	X	X	6	
DUP-031109 (4)	3/11/09	1120		X	X	X	X	X	6	
MW-26S (5)	3/11/09	1220		X	X	X	X	X	6	
MW-26I (6)	3/11/09	1305		X	X	X	X	X	6	
OW-5 (7)	3/11/09	0947		X	X	X	X	X	6	
OW-6 (8)	3/11/09	1100		X	X	X	X	X	6	
MW-35S (9)	3/11/09	1155		X	X	X	X	X	6	
MW-35I (10)	3/11/09	1254		X	X	X	X	X	6	
OW-4 (11)	3/11/09	1348		X	X	X	X	X	6	
TB-031109 (12)	3/11/09		↓		X				2	

RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
[signature]	ROUX	3/12/09	1400						
RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
					[signature]	TA CT	3/13/09	950	

DELIVERY METHOD

ANALYTICAL LABORATORY

COMMENTS: Lab Filter for Fe, Mn (unpreserved) and Alkalinity in same 500 ml bottle

passed rad screen

1.4
2.20

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03/27/2009

CHAINOF CDR 12AUG98

ROUX CHAIN OF CUSTODY

№ 12165Y

ROUX ASSOCIATES, INC.
Environmental Consulting & Management
209 SHAFTER STREET
ISLANDIA, NEW YORK 11749-5074
(631) 232-2600 FAX: (631) 232-9898

ANALYSES

PAGE OF

PROJECT NAME	PROJECT NUMBER
MBA-FORMER THYPIN	0771.000/Y000

PROJECT LOCATION: MANORHAVEN / PORT WASHINGTON

PROJECT MANAGER	SAMPLER(S)
C. Proce	Mike Ritorto, Surjy Singh

SAMPLE DESIGNATION / LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	MOD FE, MN 6010B	FULL VOCS 8260B	TOC QUAD 9060	Alkalinity 2320B	LAB Filtered Fe, MN 6010B	TOTAL BOTTLES	NOTES
OW-3 (13)	3/12/09	0825	AQ	X	X	X	X	X	6	
MW-30I (14)	3/12/09	0925		X	X	X	X	X	6	
MW-30S (15)	3/12/09	0840		X	X	X	X	X	6	
MW-24 (16)	3/12/09	0915		X	X	X	X	X	6	
MW-33S (17)	3/12/09	1025		X	X	X	X	X	6	
MW-33I (18)	3/12/09	1100		X	X	X	X	X	6	
MW-31S (19)	3/12/09	1115		X	X	X	X	X	6	
MW-31I (20)	3/12/09	1020		X	X	X	X	X	6	

8385

RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
[signature]	Roux	3/12/09	1400						
RELINQUISHED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N	RECEIVED BY: (SIGNATURE)	FOR	DATE	TIME	SEAL INTACT Y OR N
					K. Blackburn	TA CT	3/13/09	950	

DELIVERY METHOD

ANALYTICAL LABORATORY

COMMENTS: LAB FILTER FOR Fe, MN (unpreserved) and Alkalinity in same 500 ml bottle

passed rad screen

1.4∝
2.2∝

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03/27/2009

CHAINOF CDR 12AUG98

TESTAMERICA CONNECTICUT
PRESERVATIVE RECORD

Job Number: 220-8385
Client: ROUX
Client Project: manorhaven

Lab Number		Preservative	pH	Adjustment (mLs)	pH after Adjustment	Preservative Lot Number	Initials	Date
8385	1	HNO3	L2	NA	NA	NA	MT	3-12-09
	2		L2					
	3		L2					
	4		L2					
	5		L2					
	6		L2					
	7		L2					
	8		L2					
	9		L2					
	10		L2					
	11		L2	NA	NA	NA	MT	
	13		6	2 mls	6	WN1031:10002	MT	3-12-09
	14		L2	NA	NA		MT	
	15		L2					
	16		L2					
	17		L2					
	18		L2					
	19		L2					
8385	20	HNO3	L2	NA	NA		MT	3-12-09

TestAmerica - Connecticut
Internal Chain-of-Custody

220-8385
ROUX
MANORHAVEN

Trip Blank: #12

~~QC:~~ ~~Air:~~

~~FB:~~

~~Soil:~~ Water: #1-20

Date Received: 3-12-09

Sample #s: 1-20

Locations: R-1WW, TOH5, 88A

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date	Time
4	ILB	BC	3/16	1430	MTL	BC	ILB	3/16	1430
5-11, 13-20	ILB	JV	3/17	1014	MTR	BC	ILB	3/17	1300
1/20	ILB	JV	3/17	13:15	AIR	JV	ILB	3/17	16:15
1-10	ILB	JV	3/17	1625	MTR	JV	ILB	3/17	1720
11, 13, 14, 15, 16, 17, 18, 19, 20	~~ILB BC~~	BC	3/18	1330	MTL	BC	ILB	3/18	1600
20	ILB	JV	3/19	1300	MTR	JV	ILB	3/19	1445
1-6	ILB	BM	3/21	16:30	VOA				
1/11, 13/20	ILB	JV	3/23	1545	TOC	USED			
7-10	ILB	BM	3/23	18:50	VOA	used			
1, 2, 6-11	ILB	BM	3/24	11:00	VOA	used			

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA CONNECTICUT - CHAIN OF CUSTODY
ATOMIC SPECTROSCOPY DEPARTMENT

Job Number: 8385 **Sample Numbers:** 1-4, 6-11, 13-19, 5, 20

Prep Batch Number: 25211, 25260, 25351, 25354

WATER - SOIL - SLUDGE - TCLP/SPLP

I confirm that I have performed the preparation below following SOP guidelines and authorize the transfer of these digestates to the metals instrument lab.:

Sample Prep:

Analysts	3/16/09 Date(s)	**ICP**
Analysts	Date(s)	**Mercury**

I confirm that I have performed the analysis below following SOP guidelines:

Analysis:

Analysts	3/26/09 Date(s)	**ICP**
Chemist	Date(s)	**Mercury**

I have reviewed and authorized the release of the job:

Complete: _____ Supervisor 3/26/09 Date

QAF02602.CT

Login Sample Receipt Check List

Client: Roux Associates, Inc.

Job Number: 220-8385-1
SDG Number: 220-8385

Login Number: 8385
List Source: TestAmerica Connecticut
Creator: Teixeira, Maria L
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-8926-1

Job Description: 0771.0001Y000 MBA-Thypin/Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Chris Proce

Approved for release.
Jill M Duhancik
Project Manager I
5/7/2009 9:44 AM

Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
05/07/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

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Data Qualifiers 13

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 220-8926-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-8926-1	OW-8	Water	04/28/2009 1135	04/29/2009 0945
220-8926-2	OW-9	Water	04/28/2009 1222	04/29/2009 0945
220-8926-3	DUP-042809	Water	04/28/2009 1150	04/29/2009 0945
220-8926-4FB	FIELD BLANK-042809	Water	04/28/2009 1030	04/29/2009 0945
220-8926-5TB	TRIP BLANK-042809	Water	04/28/2009 0000	04/29/2009 0945

Client: Roux Associates, Inc. Job Number: 220-8926-1

Client Sample ID: **OW-8**

Lab Sample ID: 220-8926-1 Date Sampled: 04/28/2009 1135
Client Matrix: Water Date Received: 04/29/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-26776 Instrument ID: HP 5890/5971A GC/MS
Preparation: 5030B Lab File ID: N2489.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/30/2009 1759 Final Weight/Volume: 5 mL
Date Prepared: 04/30/2009 1759

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.9	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	160		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	10		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	65 - 136
4-Bromofluorobenzene	86	51 - 142
Dibromofluoromethane	92	68 - 132
Toluene-d8 (Surr)	80	63 - 127

Client: Roux Associates, Inc. Job Number: 220-8926-1

Client Sample ID: **OW-9**

Lab Sample ID: 220-8926-2 Date Sampled: 04/28/2009 1222
Client Matrix: Water Date Received: 04/29/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-26776 Instrument ID: HP 5890/5971A GC/MS
Preparation: 5030B Lab File ID: N2488.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/30/2009 1735 Final Weight/Volume: 5 mL
Date Prepared: 04/30/2009 1735

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	20		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	86		0.99	5.0
trans-1,2-Dichloroethene	0.94	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	65 - 136
4-Bromofluorobenzene	83	51 - 142
Dibromofluoromethane	89	68 - 132
Toluene-d8 (Surr)	80	63 - 127

Client: Roux Associates, Inc. Job Number: 220-8926-1

Client Sample ID: **DUP-042809**

Lab Sample ID: 220-8926-3 Date Sampled: 04/28/2009 1150
Client Matrix: Water Date Received: 04/29/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 220-26776 Instrument ID: HP 5890/5971A GC/MS
Preparation: 5030B Lab File ID: N2490.D
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 04/30/2009 1823 Final Weight/Volume: 5 mL
Date Prepared: 04/30/2009 1823

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.8	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	170		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	11		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	65 - 136
4-Bromofluorobenzene	79	51 - 142
Dibromofluoromethane	93	68 - 132
Toluene-d8 (Surr)	78	63 - 127

Client: Roux Associates, Inc. Job Number: 220-8926-1

Client Sample ID: **FIELD BLANK-042809**

Lab Sample ID: 220-8926-4FB
Client Matrix: Water

Date Sampled: 04/28/2009 1030
Date Received: 04/29/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/30/2009 1847
Date Prepared: 04/30/2009 1847

Analysis Batch: 220-26776

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N2491.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	2.9	J	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	65 - 136
4-Bromofluorobenzene	82	51 - 142
Dibromofluoromethane	88	68 - 132
Toluene-d8 (Surr)	75	63 - 127

Client: Roux Associates, Inc. Job Number: 220-8926-1

Client Sample ID: **TRIP BLANK-042809**

Lab Sample ID: 220-8926-5TB
Client Matrix: Water

Date Sampled: 04/28/2009 0000
Date Received: 04/29/2009 0945

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/04/2009 1413
Date Prepared: 05/04/2009 1413

Analysis Batch: 220-26836

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N2509.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U *	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U *	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U *	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U *	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	65 - 136
4-Bromofluorobenzene	81	51 - 142
Dibromofluoromethane	92	68 - 132
Toluene-d8 (Surr)	82	63 - 127

Client: Roux Associates, Inc. Job Number: 220-8926-1

Client Sample ID: **OW-8**

Lab Sample ID: 220-8926-1
Client Matrix: Water

Date Sampled: 04/28/2009 1135
Date Received: 04/29/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/04/2009 1545
Date Prepared: 04/30/2009 1218

Analysis Batch: 220-26819
Prep Batch: 220-26727

Instrument ID: TJA Trace ICAP
Lab File ID: W050409
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	340		15	120
Manganese	6900		0.25	8.0

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/04/2009 1234
Date Prepared: 05/01/2009 1105

Analysis Batch: 220-26819
Prep Batch: 220-26775

Instrument ID: TJA Trace ICAP
Lab File ID: W050409
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	15	120
Manganese	6500		0.25	8.0

Client: Roux Associates, Inc. Job Number: 220-8926-1

Client Sample ID: **OW-9**

Lab Sample ID: 220-8926-2
Client Matrix: Water

Date Sampled: 04/28/2009 1222
Date Received: 04/29/2009 0945

6010B Metals (ICP)

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/04/2009 1550
Date Prepared: 04/30/2009 1218

Analysis Batch: 220-26819
Prep Batch: 220-26727

Instrument ID: TJA Trace ICAP
Lab File ID: W050409
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	220		15	120
Manganese	7000		0.25	8.0

6010B Metals (ICP)-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/04/2009 1239
Date Prepared: 05/01/2009 1105

Analysis Batch: 220-26819
Prep Batch: 220-26775

Instrument ID: TJA Trace ICAP
Lab File ID: W050409
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Iron	120	U	15	120
Manganese	6700		0.25	8.0

Client: Roux Associates, Inc. Job Number: 220-8926-1

General Chemistry

Client Sample ID: **OW-8**

Lab Sample ID: 220-8926-1 Date Sampled: 04/28/2009 1135
Client Matrix: Water Date Received: 04/29/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	188		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-26757	Date Analyzed			04/30/2009 1817			
Total Organic Carbon - Quad	2.4		mg/L	0.10	1.0	1.0	9060
Anly Batch: 220-26805	Date Analyzed			05/01/2009 2039			

Client Sample ID: **OW-9**

Lab Sample ID: 220-8926-2 Date Sampled: 04/28/2009 1222
Client Matrix: Water Date Received: 04/29/2009 0945

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Alkalinity	1810		mg/L	0.16	2.0	1.0	SM 2320B
Anly Batch: 220-26757	Date Analyzed			04/30/2009 1841			
Total Organic Carbon - Quad	16.5		mg/L	0.50	5.0	5.0	9060
Anly Batch: 220-26805	Date Analyzed			05/01/2009 2214			

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 220-8926-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	J	Indicates an estimated value.
	U	Analyzed for but not detected.
Metals		
	U	Indicates analyzed for but not detected.

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ANALYTICAL REPORT

Job Number: 220-9300-1

SDG Number: 220-9300

Job Description: 0771.0001Y000 MBA-Thypin/Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Chris Proce

Approved for release.
Johanna Dubauskas
Project Manager I
6/26/2009 2:30 PM

Designee for
Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
06/26/2009

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TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

METHOD SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

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

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8260B	Szymczuk, Magdalena	MS

SAMPLE SUMMARY

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-9300-1	OW-5	Water	06/09/2009 0955	06/10/2009 0930
220-9300-2	OW-6	Water	06/09/2009 1016	06/10/2009 0930
220-9300-3	OW-9	Water	06/09/2009 1203	06/10/2009 0930
220-9300-4	OW-7	Water	06/09/2009 1206	06/10/2009 0930
220-9300-5	OW-3	Water	06/09/2009 1057	06/10/2009 0930
220-9300-6	OW-4	Water	06/09/2009 1100	06/10/2009 0930
220-9300-7	OW-8	Water	06/09/2009 1300	06/10/2009 0930
220-9300-8TB	TRIP BLANK	Water	06/09/2009 0000	06/10/2009 0930

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-5**

Lab Sample ID: 220-9300-1
Client Matrix: Water

Date Sampled: 06/09/2009 0955
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/12/2009 2035
Date Prepared: 06/12/2009 2035

Analysis Batch: 220-28201

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6197.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J *	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	1.1	J	0.48	5.0
Bromoform	3.2	J	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	1.0	J	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	2.0	J	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	66		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	1.9	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	65 - 136
4-Bromofluorobenzene	99	51 - 142
Dibromofluoromethane	114	68 - 132
Toluene-d8 (Surr)	108	63 - 127

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-6**

Lab Sample ID: 220-9300-2
Client Matrix: Water

Date Sampled: 06/09/2009 1016
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/11/2009 2138
Date Prepared: 06/11/2009 2138

Analysis Batch: 220-27972

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6154.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	6.4		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.1	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	3.5	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	42		0.99	5.0
trans-1,2-Dichloroethene	0.97	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111	65 - 136
4-Bromofluorobenzene	97	51 - 142
Dibromofluoromethane	114	68 - 132
Toluene-d8 (Surr)	110	63 - 127

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-6**

Lab Sample ID: 220-9300-2
Client Matrix: Water

Date Sampled: 06/09/2009 1016
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 06/12/2009 1919
Date Prepared: 06/12/2009 1919

Analysis Batch: 220-28201

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6194.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	800		12	100

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	65 - 136
4-Bromofluorobenzene	101	51 - 142
Dibromofluoromethane	113	68 - 132
Toluene-d8 (Surr)	111	63 - 127

Analytical Data

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-9**

Lab Sample ID: 220-9300-3
Client Matrix: Water

Date Sampled: 06/09/2009 1203
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/18/2009 1452
Date Prepared: 06/18/2009 1452

Analysis Batch: 220-28198

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V4764.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.5	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.1	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	23		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	87		0.99	5.0
trans-1,2-Dichloroethene	1.4	J	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	65 - 136
4-Bromofluorobenzene	108	51 - 142
Dibromofluoromethane	132	68 - 132
Toluene-d8 (Surr)	114	63 - 127

Analytical Data

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-7**

Lab Sample ID: 220-9300-4
Client Matrix: Water

Date Sampled: 06/09/2009 1206
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/12/2009 1945
Date Prepared: 06/12/2009 1945

Analysis Batch: 220-28201

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6195.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U *	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	16		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	16		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	65 - 136
4-Bromofluorobenzene	99	51 - 142
Dibromofluoromethane	113	68 - 132
Toluene-d8 (Surr)	108	63 - 127

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-3**

Lab Sample ID: 220-9300-5
Client Matrix: Water

Date Sampled: 06/09/2009 1057
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/12/2009 2010
Date Prepared: 06/12/2009 2010

Analysis Batch: 220-28201

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6196.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	J *	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	57		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	1.7	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	65 - 136
4-Bromofluorobenzene	96	51 - 142
Dibromofluoromethane	111	68 - 132
Toluene-d8 (Surr)	107	63 - 127

Analytical Data

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-4**

Lab Sample ID: 220-9300-6
Client Matrix: Water

Date Sampled: 06/09/2009 1100
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/11/2009 2228
Date Prepared: 06/11/2009 2228

Analysis Batch: 220-27972

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6156.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	39		0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	1.5	J	0.65	5.0
Vinyl chloride	17		0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
trans-1,2-Dichloroethene	10		0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	65 - 136
4-Bromofluorobenzene	94	51 - 142
Dibromofluoromethane	113	68 - 132
Toluene-d8 (Surr)	109	63 - 127

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-4**

Lab Sample ID: 220-9300-6
Client Matrix: Water

Date Sampled: 06/09/2009 1100
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 06/12/2009 1829
Date Prepared: 06/12/2009 1829

Analysis Batch: 220-28201

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6192.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	8900		62	500
cis-1,2-Dichloroethene	200	J	99	500

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	65 - 136
4-Bromofluorobenzene	101	51 - 142
Dibromofluoromethane	111	68 - 132
Toluene-d8 (Surr)	112	63 - 127

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-8**

Lab Sample ID: 220-9300-7
Client Matrix: Water

Date Sampled: 06/09/2009 1300
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/11/2009 2112
Date Prepared: 06/11/2009 2112

Analysis Batch: 220-27972

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6153.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	2.0	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	8.3		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	65 - 136
4-Bromofluorobenzene	89	51 - 142
Dibromofluoromethane	109	68 - 132
Toluene-d8 (Surr)	102	63 - 127

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **OW-8**

Lab Sample ID: 220-9300-7
Client Matrix: Water

Date Sampled: 06/09/2009 1300
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 06/12/2009 1854
Date Prepared: 06/12/2009 1854

Analysis Batch: 220-28201

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6193.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	98		1.2	10

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	65 - 136
4-Bromofluorobenzene	97	51 - 142
Dibromofluoromethane	109	68 - 132
Toluene-d8 (Surr)	107	63 - 127

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 220-9300-8TB
Client Matrix: Water

Date Sampled: 06/09/2009 0000
Date Received: 06/10/2009 0930

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 06/11/2009 2046
Date Prepared: 06/11/2009 2046

Analysis Batch: 220-27972

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W6152.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	1.4	J B	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	65 - 136
4-Bromofluorobenzene	92	51 - 142
Dibromofluoromethane	110	68 - 132
Toluene-d8 (Surr)	102	63 - 127

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc.

Job Number: 220-9300-1
Sdg Number: 220-9300

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
	J	Indicates an estimated value.
	U	Analyzed for but not detected.

Login Sample Receipt Check List

Client: Roux Associates, Inc.

Job Number: 220-9300-1
SDG Number: 220-9300

Login Number: 9300
List Source: TestAmerica Connecticut
Creator: Teixeira, Maria L
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	GUN#2 3.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
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ANALYTICAL REPORT

Job Number: 460-32413-1

Job Description: 0771.0001Y000 MBA-Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Jeffrey Wills

Approved for release.
Jill M Duhancik
Project Manager II
10/25/2011 11:26 AM

Jill M Duhancik
Project Manager II
jill.duhancik@testamericainc.com
10/25/2011

cc: Ms. Sarah Kelly

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-32413-1

Job Description: 0771.0001Y000 MBA-Manorhaven

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Jill M Duhancik
Project Manager II
10/25/2011 11:26 AM

Jill M Duhancik

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CASE NARRATIVE

Client: Roux Associates, Inc.

Project: 0771.0001Y000 MBA-Manorhaven

Report Number: 460-32413-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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

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

RECEIPT

The samples were received on 10/14/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.3 C.

The following samples were received at the laboratory without a sample collection time documented on the chain of custody: Dup-101311 (460-32413-7), FB-101311 (460-32413-5), MW-34I (460-32413-3), MW-35I (460-32413-4), OW-4 (460-32413-1), OW-5 (460-32413-2), Trip Blank (460-32413-6). On 10/14/11 the client provided the sample collection times for all but the Field QC Trip Blank. The Trip Blank collection time was reported as the laboratory default of 12:00.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-32413-1 through 460-32413-7 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 10/19/2011, 10/20/2011 and 10/21/2011.

Samples 460-32413-1(2X), 460-32413-3(5X), 460-32413-4(5X) and 460-32413-7(5X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-32413-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-32413-1	OW-4	Water	10/13/2011 1245	10/14/2011 0745
460-32413-2	OW-5	Water	10/13/2011 1325	10/14/2011 0745
460-32413-3	MW-34I	Water	10/13/2011 1505	10/14/2011 0745
460-32413-4	MW-35I	Water	10/13/2011 1410	10/14/2011 0745
460-32413-5	FB-101311	Water	10/13/2011 1510	10/14/2011 0745
460-32413-6	Trip Blank	Water	10/13/2011 0000	10/14/2011 0745
460-32413-7	Dup-101311	Water	10/13/2011 1200	10/14/2011 0745

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-32413-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-32413-1	**OW-4**					
Vinyl chloride		4.7		2.0	ug/L	8260B
1,1-Dichloroethene		4.8		2.0	ug/L	8260B
trans-1,2-Dichloroethene		2.8		2.0	ug/L	8260B
cis-1,2-Dichloroethene		81		2.0	ug/L	8260B
Trichloroethene		960		2.0	ug/L	8260B
Tetrachloroethene		0.57	J	2.0	ug/L	8260B
460-32413-2	**OW-5**					
1,1-Dichloroethene		1.4		1.0	ug/L	8260B
1,1-Dichloroethane		0.29	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.44	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.0		1.0	ug/L	8260B
Trichloroethene		170		1.0	ug/L	8260B
Tetrachloroethene		0.49	J	1.0	ug/L	8260B
460-32413-3	**MW-34I**					
Vinyl chloride		3.8	J	5.0	ug/L	8260B
1,1-Dichloroethene		8.9		5.0	ug/L	8260B
trans-1,2-Dichloroethene		2.5	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		75		5.0	ug/L	8260B
Trichloroethene		1800		5.0	ug/L	8260B
460-32413-4	**MW-35I**					
1,1-Dichloroethene		2.0	J	5.0	ug/L	8260B
1,1-Dichloroethane		1.3	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		7.2		5.0	ug/L	8260B
Trichloroethene		2200		5.0	ug/L	8260B
1,1,2-Trichloroethane		0.99	J	5.0	ug/L	8260B
460-32413-7	**DUP-101311**					
1,1-Dichloroethene		4.2	J	5.0	ug/L	8260B
trans-1,2-Dichloroethene		2.9	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		76		5.0	ug/L	8260B
Trichloroethene		850		5.0	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-32413-1

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

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc. Job Number: 460-32413-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT

Client: Roux Associates, Inc. Job Number: 460-32413-1

Client Sample ID: **OW-4**

Lab Sample ID: 460-32413-1 Date Sampled: 10/13/2011 1245
Client Matrix: Water Date Received: 10/14/2011 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c61537.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 0423			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 0423				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	2.0	U	0.42	2.0
Bromomethane	2.0	U	0.62	2.0
Vinyl chloride	4.7		0.26	2.0
Chloroethane	2.0	U	0.90	2.0
Methylene Chloride	2.0	U	0.38	2.0
Acetone	20	U	5.0	20
Carbon disulfide	2.0	U	0.30	2.0
1,1-Dichloroethene	4.8		0.28	2.0
1,1-Dichloroethane	2.0	U	0.20	2.0
trans-1,2-Dichloroethene	2.8		0.28	2.0
cis-1,2-Dichloroethene	81		0.40	2.0
Chloroform	2.0	U	0.30	2.0
1,2-Dichloroethane	2.0	U	0.48	2.0
2-Butanone	20	U	1.6	20
1,1,1-Trichloroethane	2.0	U	0.50	2.0
Carbon tetrachloride	2.0	U	0.38	2.0
Bromodichloromethane	2.0	U	0.19	2.0
1,2-Dichloropropane	2.0	U	0.18	2.0
cis-1,3-Dichloropropene	2.0	U	0.22	2.0
Trichloroethene	960		0.36	2.0
Dibromochloromethane	2.0	U	0.22	2.0
1,1,2-Trichloroethane	2.0	U	0.20	2.0
Benzene	2.0	U	0.26	2.0
trans-1,3-Dichloropropene	2.0	U	0.24	2.0
Bromoform	2.0	U	0.20	2.0
4-Methyl-2-pentanone	20	U	1.4	20
2-Hexanone	20	U	1.1	20
Tetrachloroethene	0.57	J	0.40	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.18	2.0
Toluene	2.0	U	0.18	2.0
Chlorobenzene	2.0	U	0.32	2.0
Ethylbenzene	2.0	U	0.50	2.0
Styrene	2.0	U	0.26	2.0
Xylenes, Total	6.0	U	0.86	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 122
Toluene-d8 (Surr)	96		69 - 125
Bromofluorobenzene	98		69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Client Sample ID: **OW-5**

Lab Sample ID: 460-32413-2 Date Sampled: 10/13/2011 1325
Client Matrix: Water Date Received: 10/14/2011 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c61529.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 0111			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 0111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.4		0.14	1.0
1,1-Dichloroethane	0.29	J	0.10	1.0
trans-1,2-Dichloroethene	0.44	J	0.14	1.0
cis-1,2-Dichloroethene	7.0		0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	170		0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	0.49	J	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 122
Toluene-d8 (Surr)	106		69 - 125
Bromofluorobenzene	99		69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Client Sample ID: **MW-34I**

Lab Sample ID: 460-32413-3 Date Sampled: 10/13/2011 1505
Client Matrix: Water Date Received: 10/14/2011 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c61522.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/19/2011 2223			Final Weight/Volume:	5 mL
Prep Date:	10/19/2011 2223				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	5.0	U	1.1	5.0
Bromomethane	5.0	U	1.6	5.0
Vinyl chloride	3.8	J	0.65	5.0
Chloroethane	5.0	U	2.3	5.0
Methylene Chloride	5.0	U	0.95	5.0
Acetone	50	U	12	50
Carbon disulfide	5.0	U	0.75	5.0
1,1-Dichloroethene	8.9		0.70	5.0
1,1-Dichloroethane	5.0	U	0.50	5.0
trans-1,2-Dichloroethene	2.5	J	0.70	5.0
cis-1,2-Dichloroethene	75		1.0	5.0
Chloroform	5.0	U	0.75	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
2-Butanone	50	U	4.1	50
1,1,1-Trichloroethane	5.0	U	1.3	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
Bromodichloromethane	5.0	U	0.47	5.0
1,2-Dichloropropane	5.0	U	0.45	5.0
cis-1,3-Dichloropropene	5.0	U	0.55	5.0
Trichloroethene	1800		0.90	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1,2-Trichloroethane	5.0	U	0.50	5.0
Benzene	5.0	U	0.65	5.0
trans-1,3-Dichloropropene	5.0	U	0.60	5.0
Bromoform	5.0	U	0.50	5.0
4-Methyl-2-pentanone	50	U	3.4	50
2-Hexanone	50	U	2.8	50
Tetrachloroethene	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.45	5.0
Toluene	5.0	U	0.45	5.0
Chlorobenzene	5.0	U	0.80	5.0
Ethylbenzene	5.0	U	1.3	5.0
Styrene	5.0	U	0.65	5.0
Xylenes, Total	15	U	2.2	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 122
Toluene-d8 (Surr)	95		69 - 125
Bromofluorobenzene	100		69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Client Sample ID: **MW-35I**

Lab Sample ID: 460-32413-4 Date Sampled: 10/13/2011 1410
Client Matrix: Water Date Received: 10/14/2011 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-90161	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c61544.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 0916			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 0916				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	5.0	U	1.1	5.0
Bromomethane	5.0	U	1.6	5.0
Vinyl chloride	5.0	U	0.65	5.0
Chloroethane	5.0	U	2.3	5.0
Methylene Chloride	5.0	U	0.95	5.0
Acetone	50	U	12	50
Carbon disulfide	5.0	U	0.75	5.0
1,1-Dichloroethene	2.0	J	0.70	5.0
1,1-Dichloroethane	1.3	J	0.50	5.0
trans-1,2-Dichloroethene	5.0	U	0.70	5.0
cis-1,2-Dichloroethene	7.2		1.0	5.0
Chloroform	5.0	U	0.75	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
2-Butanone	50	U	4.1	50
1,1,1-Trichloroethane	5.0	U	1.3	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
Bromodichloromethane	5.0	U	0.47	5.0
1,2-Dichloropropane	5.0	U	0.45	5.0
cis-1,3-Dichloropropene	5.0	U	0.55	5.0
Trichloroethene	2200		0.90	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1,2-Trichloroethane	0.99	J	0.50	5.0
Benzene	5.0	U	0.65	5.0
trans-1,3-Dichloropropene	5.0	U	0.60	5.0
Bromoform	5.0	U	0.50	5.0
4-Methyl-2-pentanone	50	U	3.4	50
2-Hexanone	50	U	2.8	50
Tetrachloroethene	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.45	5.0
Toluene	5.0	U	0.45	5.0
Chlorobenzene	5.0	U	0.80	5.0
Ethylbenzene	5.0	U	1.3	5.0
Styrene	5.0	U	0.65	5.0
Xylenes, Total	15	U	2.2	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 122
Toluene-d8 (Surr)	97		69 - 125
Bromofluorobenzene	101		69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Client Sample ID: **FB-101311**

Lab Sample ID: 460-32413-5 Date Sampled: 10/13/2011 1510
Client Matrix: Water Date Received: 10/14/2011 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c61527.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 0023			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 0023				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 122
Toluene-d8 (Surr)	99		69 - 125
Bromofluorobenzene	101		69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 460-32413-6 Date Sampled: 10/13/2011 0000
Client Matrix: Water Date Received: 10/14/2011 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c61528.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 0047			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 0047				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 122
Toluene-d8 (Surr)	97		69 - 125
Bromofluorobenzene	100		69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Client Sample ID: **Dup-101311**

Lab Sample ID: 460-32413-7 Date Sampled: 10/13/2011 1200
Client Matrix: Water Date Received: 10/14/2011 0745

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-90279	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c61591.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	10/21/2011 0457			Final Weight/Volume:	5 mL
Prep Date:	10/21/2011 0457				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	5.0	U	1.1	5.0
Bromomethane	5.0	U	1.6	5.0
Vinyl chloride	5.0	U	0.65	5.0
Chloroethane	5.0	U	2.3	5.0
Methylene Chloride	5.0	U	0.95	5.0
Acetone	50	U	12	50
Carbon disulfide	5.0	U	0.75	5.0
1,1-Dichloroethene	4.2	J	0.70	5.0
1,1-Dichloroethane	5.0	U	0.50	5.0
trans-1,2-Dichloroethene	2.9	J	0.70	5.0
cis-1,2-Dichloroethene	76		1.0	5.0
Chloroform	5.0	U	0.75	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
2-Butanone	50	U	4.1	50
1,1,1-Trichloroethane	5.0	U	1.3	5.0
Carbon tetrachloride	5.0	U	0.95	5.0
Bromodichloromethane	5.0	U	0.47	5.0
1,2-Dichloropropane	5.0	U	0.45	5.0
cis-1,3-Dichloropropene	5.0	U	0.55	5.0
Trichloroethene	850		0.90	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1,2-Trichloroethane	5.0	U	0.50	5.0
Benzene	5.0	U	0.65	5.0
trans-1,3-Dichloropropene	5.0	U	0.60	5.0
Bromoform	5.0	U	0.50	5.0
4-Methyl-2-pentanone	50	U	3.4	50
2-Hexanone	50	U	2.8	50
Tetrachloroethene	5.0	U	1.0	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.45	5.0
Toluene	5.0	U	0.45	5.0
Chlorobenzene	5.0	U	0.80	5.0
Ethylbenzene	5.0	U	1.3	5.0
Styrene	5.0	U	0.65	5.0
Xylenes, Total	15	U	2.2	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 122
Toluene-d8 (Surr)	95		69 - 125
Bromofluorobenzene	95		69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-32413-1	OW-4	104	96	98
460-32413-2	OW-5	103	106	99
460-32413-3	MW-34I	108	95	100
460-32413-4	MW-35I	106	97	101
460-32413-5	FB-101311	103	99	101
460-32413-6	Trip Blank	106	97	100
460-32413-7	Dup-101311	106	95	95
MB 460-90116/4		105	95	97
MB 460-90161/4		101	96	98
MB 460-90279/4		102	98	102
LCS 460-90116/3		108	100	97
LCS 460-90161/3		100	98	100
LCS 460-90279/3		99	103	101
460-32413-3 MS	MW-34I MS	101	104	97
460-32413-4 MS	MW-35I MS	102	99	100
460-32413-3 MSD	MW-34I MSD	100	99	100
460-32413-4 MSD	MW-35I MSD	100	97	101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Method Blank - Batch: 460-90116

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-90116/4	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61517.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/19/2011 2023	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/19/2011 2023				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 122
Toluene-d8 (Surr)	95	69 - 125
Bromofluorobenzene	97	69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Lab Control Sample - Batch: 460-90116

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-90116/3	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61515.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/19/2011 1916	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/19/2011 1916				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	16.2	81	58 - 146	
Bromomethane	20.0	19.0	95	55 - 153	
Vinyl chloride	20.0	18.0	90	61 - 144	
Chloroethane	20.0	21.4	107	69 - 145	
Methylene Chloride	20.0	17.5	87	79 - 119	
Acetone	20.0	19.9	100	45 - 156	
Carbon disulfide	20.0	18.2	91	58 - 139	
1,1-Dichloroethene	20.0	18.8	94	56 - 139	
1,1-Dichloroethane	20.0	19.5	98	78 - 122	
trans-1,2-Dichloroethene	20.0	20.1	100	75 - 122	
cis-1,2-Dichloroethene	20.0	19.7	98	80 - 120	
Chloroform	20.0	21.2	106	82 - 123	
1,2-Dichloroethane	20.0	21.1	105	74 - 118	
2-Butanone	20.0	16.9	85	65 - 114	
1,1,1-Trichloroethane	20.0	21.6	108	74 - 128	
Carbon tetrachloride	20.0	22.5	113	73 - 120	
Bromodichloromethane	20.0	20.4	102	79 - 119	
1,2-Dichloropropane	20.0	18.2	91	80 - 120	
cis-1,3-Dichloropropene	20.0	17.3	87	80 - 120	
Trichloroethene	20.0	20.2	101	78 - 119	
Dibromochloromethane	20.0	19.9	99	80 - 120	
1,1,2-Trichloroethane	20.0	18.1	90	79 - 119	
Benzene	20.0	18.8	94	83 - 124	
trans-1,3-Dichloropropene	20.0	16.7	84	78 - 118	
Bromoform	20.0	19.4	97	73 - 123	
4-Methyl-2-pentanone	20.0	12.1	60	53 - 120	
2-Hexanone	20.0	11.3	56	53 - 121	
Tetrachloroethene	20.0	17.7	89	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	17.0	85	74 - 126	
Toluene	20.0	18.7	93	80 - 120	
Chlorobenzene	20.0	19.4	97	81 - 121	
Ethylbenzene	20.0	18.2	91	79 - 126	
Styrene	20.0	20.5	103	69 - 112	
Xylenes, Total	60.0	59.4	99	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	70 - 122
Toluene-d8 (Surr)	100	69 - 125
Bromofluorobenzene	97	69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-90116

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-32413-3	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61524.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/19/2011 2311			Final Weight/Volume:	5 mL
Prep Date:	10/19/2011 2311				
Leach Date:	N/A				

MSD Lab Sample ID:	460-32413-3	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61525.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/19/2011 2335			Final Weight/Volume:	5 mL
Prep Date:	10/19/2011 2335				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	87	93	58 - 146	7	30		
Bromomethane	75	87	55 - 153	15	30		
Vinyl chloride	95	97	61 - 144	2	30		
Chloroethane	98	93	69 - 145	6	30		
Methylene Chloride	91	92	79 - 119	1	30		
Acetone	127	121	45 - 156	5	30		
Carbon disulfide	93	90	58 - 139	3	30		
1,1-Dichloroethene	94	92	56 - 139	2	30		
1,1-Dichloroethane	92	92	78 - 122	0	30		
trans-1,2-Dichloroethene	95	98	75 - 122	3	30		
cis-1,2-Dichloroethene	98	92	80 - 120	4	30		
Chloroform	102	104	82 - 123	3	30		
1,2-Dichloroethane	104	105	74 - 118	0	30		
2-Butanone	93	85	65 - 114	10	30		
1,1,1-Trichloroethane	98	102	74 - 128	4	30		
Carbon tetrachloride	107	112	73 - 120	5	30		
Bromodichloromethane	99	99	79 - 119	0	30		
1,2-Dichloropropane	89	90	80 - 120	1	30		
cis-1,3-Dichloropropene	96	87	80 - 120	10	30		
Trichloroethene	72	57	78 - 119	2	30	*	*
Dibromochloromethane	101	98	80 - 120	3	30		
1,1,2-Trichloroethane	97	89	79 - 119	9	30		
Benzene	97	95	83 - 124	2	30		
trans-1,3-Dichloropropene	97	86	78 - 118	11	30		
Bromoform	93	94	73 - 123	1	30		
4-Methyl-2-pentanone	79	66	53 - 120	17	30		
2-Hexanone	68	60	53 - 121	13	30		
Tetrachloroethene	103	101	68 - 139	2	30		
1,1,2,2-Tetrachloroethane	91	87	74 - 126	5	30		
Toluene	101	97	80 - 120	4	30		
Chlorobenzene	103	101	81 - 121	1	30		
Ethylbenzene	98	98	79 - 126	0	30		
Styrene	104	109	69 - 112	4	30		

Client: Roux Associates, Inc. Job Number: 460-32413-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-90116

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-32413-3	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61524.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/19/2011 2311			Final Weight/Volume:	5 mL
Prep Date:	10/19/2011 2311				
Leach Date:	N/A				

MSD Lab Sample ID:	460-32413-3	Analysis Batch:	460-90116	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61525.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/19/2011 2335			Final Weight/Volume:	5 mL
Prep Date:	10/19/2011 2335				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Xylenes, Total	101	105	76 - 121	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	100	70 - 122
Toluene-d8 (Surr)	104	99	69 - 125
Bromofluorobenzene	97	100	69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-90116

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-32413-3	Units:	ug/L	MSD Lab Sample ID:	460-32413-3
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	10/19/2011 2311			Analysis Date:	10/19/2011 2335
Prep Date:	10/19/2011 2311			Prep Date:	10/19/2011 2335
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	5.0	U	200	200	174		185	
Bromomethane	5.0	U	200	200	149		173	
Vinyl chloride	3.8	J	200	200	194		198	
Chloroethane	5.0	U	200	200	197		186	
Methylene Chloride	5.0	U	200	200	181		184	
Acetone	50	U	200	200	253		241	
Carbon disulfide	5.0	U	200	200	185		180	
1,1-Dichloroethene	8.9		200	200	196		192	
1,1-Dichloroethane	5.0	U	200	200	183		184	
trans-1,2-Dichloroethene	2.5	J	200	200	193		198	
cis-1,2-Dichloroethene	75		200	200	270		260	
Chloroform	5.0	U	200	200	203		209	
1,2-Dichloroethane	5.0	U	200	200	209		209	
2-Butanone	50	U	200	200	187		170	
1,1,1-Trichloroethane	5.0	U	200	200	196		205	
Carbon tetrachloride	5.0	U	200	200	213		224	
Bromodichloromethane	5.0	U	200	200	197		197	
1,2-Dichloropropane	5.0	U	200	200	178		179	
cis-1,3-Dichloropropene	5.0	U	200	200	193		174	
Trichloroethene	1800		200	200	1930	*	1900	*
Dibromochloromethane	5.0	U	200	200	202		196	
1,1,2-Trichloroethane	5.0	U	200	200	194		178	
Benzene	5.0	U	200	200	195		191	
trans-1,3-Dichloropropene	5.0	U	200	200	193		172	
Bromoform	5.0	U	200	200	186		188	
4-Methyl-2-pentanone	50	U	200	200	158		132	
2-Hexanone	50	U	200	200	137		120	
Tetrachloroethene	5.0	U	200	200	206		203	
1,1,2,2-Tetrachloroethane	5.0	U	200	200	182		173	
Toluene	5.0	U	200	200	202		194	
Chlorobenzene	5.0	U	200	200	205		203	
Ethylbenzene	5.0	U	200	200	196		197	
Styrene	5.0	U	200	200	208		217	
Xylenes, Total	15	U	600	600	607		631	

Client: Roux Associates, Inc. Job Number: 460-32413-1

Method Blank - Batch: 460-90161

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-90161/4	Analysis Batch:	460-90161	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61542.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 0828	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 0828				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 122
Toluene-d8 (Surr)	96	69 - 125
Bromofluorobenzene	98	69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Lab Control Sample - Batch: 460-90161

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-90161/3	Analysis Batch:	460-90161	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61540.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 0733	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 0733				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	15.1	75	58 - 146	
Bromomethane	20.0	13.9	70	55 - 153	
Vinyl chloride	20.0	16.2	81	61 - 144	
Chloroethane	20.0	19.9	99	69 - 145	
Methylene Chloride	20.0	18.7	94	79 - 119	
Acetone	20.0	20.8	104	45 - 156	
Carbon disulfide	20.0	17.9	89	58 - 139	
1,1-Dichloroethene	20.0	18.5	93	56 - 139	
1,1-Dichloroethane	20.0	18.8	94	78 - 122	
trans-1,2-Dichloroethene	20.0	19.5	97	75 - 122	
cis-1,2-Dichloroethene	20.0	19.2	96	80 - 120	
Chloroform	20.0	21.0	105	82 - 123	
1,2-Dichloroethane	20.0	20.3	101	74 - 118	
2-Butanone	20.0	16.7	83	65 - 114	
1,1,1-Trichloroethane	20.0	21.0	105	74 - 128	
Carbon tetrachloride	20.0	21.8	109	73 - 120	
Bromodichloromethane	20.0	20.2	101	79 - 119	
1,2-Dichloropropane	20.0	18.1	91	80 - 120	
cis-1,3-Dichloropropene	20.0	18.7	93	80 - 120	
Trichloroethene	20.0	21.6	108	78 - 119	
Dibromochloromethane	20.0	21.3	106	80 - 120	
1,1,2-Trichloroethane	20.0	19.1	95	79 - 119	
Benzene	20.0	19.3	97	83 - 124	
trans-1,3-Dichloropropene	20.0	17.7	89	78 - 118	
Bromoform	20.0	19.7	99	73 - 123	
4-Methyl-2-pentanone	20.0	14.3	72	53 - 120	
2-Hexanone	20.0	13.5	67	53 - 121	
Tetrachloroethene	20.0	19.9	100	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	74 - 126	
Toluene	20.0	19.2	96	80 - 120	
Chlorobenzene	20.0	20.7	103	81 - 121	
Ethylbenzene	20.0	19.6	98	79 - 126	
Styrene	20.0	21.7	108	69 - 112	
Xylenes, Total	60.0	61.8	103	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 122
Toluene-d8 (Surr)	98	69 - 125
Bromofluorobenzene	100	69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-90161

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-32413-4	Analysis Batch:	460-90161	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61547.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 1028			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 1028				
Leach Date:	N/A				

MSD Lab Sample ID:	460-32413-4	Analysis Batch:	460-90161	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61548.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 1052			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 1052				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	94	98	58 - 146	4	30		
Bromomethane	65	75	55 - 153	13	30		
Vinyl chloride	102	109	61 - 144	7	30		
Chloroethane	118	115	69 - 145	3	30		
Methylene Chloride	90	94	79 - 119	5	30		
Acetone	127	109	45 - 156	15	30		
Carbon disulfide	98	92	58 - 139	6	30		
1,1-Dichloroethene	92	91	56 - 139	1	30		
1,1-Dichloroethane	94	95	78 - 122	1	30		
trans-1,2-Dichloroethene	94	97	75 - 122	2	30		
cis-1,2-Dichloroethene	98	98	80 - 120	0	30		
Chloroform	105	102	82 - 123	3	30		
1,2-Dichloroethane	106	103	74 - 118	2	30		
2-Butanone	79	78	65 - 114	1	30		
1,1,1-Trichloroethane	103	104	74 - 128	0	30		
Carbon tetrachloride	112	109	73 - 120	2	30		
Bromodichloromethane	101	98	79 - 119	3	30		
1,2-Dichloropropane	96	92	80 - 120	4	30		
cis-1,3-Dichloropropene	94	90	80 - 120	4	30		
Trichloroethene	167	153	78 - 119	1	30	*	*
Dibromochloromethane	102	99	80 - 120	3	30		
1,1,2-Trichloroethane	96	90	79 - 119	6	30		
Benzene	105	99	83 - 124	6	30		
trans-1,3-Dichloropropene	92	91	78 - 118	1	30		
Bromoform	101	101	73 - 123	1	30		
4-Methyl-2-pentanone	76	71	53 - 120	7	30		
2-Hexanone	75	69	53 - 121	9	30		
Tetrachloroethene	105	100	68 - 139	5	30		
1,1,2,2-Tetrachloroethane	94	92	74 - 126	3	30		
Toluene	101	97	80 - 120	4	30		
Chlorobenzene	105	102	81 - 121	3	30		
Ethylbenzene	103	99	79 - 126	4	30		
Styrene	111	106	69 - 112	5	30		

Client: Roux Associates, Inc. Job Number: 460-32413-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-90161

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-32413-4	Analysis Batch:	460-90161	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61547.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 1028			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 1028				
Leach Date:	N/A				

MSD Lab Sample ID:	460-32413-4	Analysis Batch:	460-90161	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61548.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 1052			Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 1052				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Xylenes, Total	106	102	76 - 121	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	100	70 - 122
Toluene-d8 (Surr)	99	97	69 - 125
Bromofluorobenzene	100	101	69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-90161

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-32413-4	Units: ug/L	MSD Lab Sample ID:	460-32413-4	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	10		Dilution:	10	
Analysis Date:	10/20/2011 1028		Analysis Date:	10/20/2011 1052	
Prep Date:	10/20/2011 1028		Prep Date:	10/20/2011 1052	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	5.0	U	200	200	188		196	
Bromomethane	5.0	U	200	200	131		149	
Vinyl chloride	5.0	U	200	200	205		219	
Chloroethane	5.0	U	200	200	237		229	
Methylene Chloride	5.0	U	200	200	181		189	
Acetone	50	U	200	200	253		218	
Carbon disulfide	5.0	U	200	200	197		185	
1,1-Dichloroethene	2.0	J	200	200	185		184	
1,1-Dichloroethane	1.3	J	200	200	190		192	
trans-1,2-Dichloroethene	5.0	U	200	200	189		193	
cis-1,2-Dichloroethene	7.2		200	200	203		203	
Chloroform	5.0	U	200	200	209		204	
1,2-Dichloroethane	5.0	U	200	200	211		207	
2-Butanone	50	U	200	200	159		156	
1,1,1-Trichloroethane	5.0	U	200	200	207		208	
Carbon tetrachloride	5.0	U	200	200	224		219	
Bromodichloromethane	5.0	U	200	200	203		196	
1,2-Dichloropropane	5.0	U	200	200	192		184	
cis-1,3-Dichloropropene	5.0	U	200	200	188		180	
Trichloroethene	2200		200	200	2500	*	2470	*
Dibromochloromethane	5.0	U	200	200	204		198	
1,1,2-Trichloroethane	0.99	J	200	200	193		181	
Benzene	5.0	U	200	200	209		197	
trans-1,3-Dichloropropene	5.0	U	200	200	184		183	
Bromoform	5.0	U	200	200	202		203	
4-Methyl-2-pentanone	50	U	200	200	152		142	
2-Hexanone	50	U	200	200	151		138	
Tetrachloroethene	5.0	U	200	200	210		200	
1,1,2,2-Tetrachloroethane	5.0	U	200	200	188		183	
Toluene	5.0	U	200	200	201		194	
Chlorobenzene	5.0	U	200	200	210		204	
Ethylbenzene	5.0	U	200	200	206		198	
Styrene	5.0	U	200	200	221		211	
Xylenes, Total	15	U	600	600	635		612	

Client: Roux Associates, Inc. Job Number: 460-32413-1

Method Blank - Batch: 460-90279

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-90279/4	Analysis Batch:	460-90279	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61575.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 2233	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 2233				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	10	U	0.82	10
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	10	U	0.68	10
2-Hexanone	10	U	0.55	10
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 122
Toluene-d8 (Surr)	98	69 - 125
Bromofluorobenzene	102	69 - 135

Client: Roux Associates, Inc. Job Number: 460-32413-1

Lab Control Sample - Batch: 460-90279

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-90279/3	Analysis Batch:	460-90279	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c61572.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	10/20/2011 2117	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	10/20/2011 2117				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	16.5	82	58 - 146	
Bromomethane	20.0	11.4	57	55 - 153	
Vinyl chloride	20.0	18.3	92	61 - 144	
Chloroethane	20.0	20.0	100	69 - 145	
Methylene Chloride	20.0	17.6	88	79 - 119	
Acetone	20.0	25.2	126	45 - 156	
Carbon disulfide	20.0	18.6	93	58 - 139	
1,1-Dichloroethene	20.0	17.3	86	56 - 139	
1,1-Dichloroethane	20.0	17.8	89	78 - 122	
trans-1,2-Dichloroethene	20.0	18.8	94	75 - 122	
cis-1,2-Dichloroethene	20.0	19.5	97	80 - 120	
Chloroform	20.0	19.4	97	82 - 123	
1,2-Dichloroethane	20.0	21.2	106	74 - 118	
2-Butanone	20.0	17.6	88	65 - 114	
1,1,1-Trichloroethane	20.0	19.6	98	74 - 128	
Carbon tetrachloride	20.0	21.2	106	73 - 120	
Bromodichloromethane	20.0	19.9	100	79 - 119	
1,2-Dichloropropane	20.0	17.6	88	80 - 120	
cis-1,3-Dichloropropene	20.0	19.8	99	80 - 120	
Trichloroethene	20.0	20.3	102	78 - 119	
Dibromochloromethane	20.0	20.1	100	80 - 120	
1,1,2-Trichloroethane	20.0	18.3	91	79 - 119	
Benzene	20.0	19.8	99	83 - 124	
trans-1,3-Dichloropropene	20.0	18.3	91	78 - 118	
Bromoform	20.0	19.0	95	73 - 123	
4-Methyl-2-pentanone	20.0	17.2	86	53 - 120	
2-Hexanone	20.0	13.8	69	53 - 121	
Tetrachloroethene	20.0	20.1	100	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	17.9	89	74 - 126	
Toluene	20.0	19.7	99	80 - 120	
Chlorobenzene	20.0	19.6	98	81 - 121	
Ethylbenzene	20.0	19.9	99	79 - 126	
Styrene	20.0	21.0	105	69 - 112	
Xylenes, Total	60.0	61.2	102	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 122
Toluene-d8 (Surr)	103	69 - 125
Bromofluorobenzene	101	69 - 135

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-32413-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	MS or MSD exceeds the control limits

Client: Roux Associates, Inc. Job Number: 460-32413-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-90116					
LCS 460-90116/3	Lab Control Sample	T	Water	8260B	
MB 460-90116/4	Method Blank	T	Water	8260B	
460-32413-1	OW-4	T	Water	8260B	
460-32413-2	OW-5	T	Water	8260B	
460-32413-3	MW-34I	T	Water	8260B	
460-32413-3MS	Matrix Spike	T	Water	8260B	
460-32413-3MSD	Matrix Spike Duplicate	T	Water	8260B	
460-32413-5	FB-101311	T	Water	8260B	
460-32413-6	Trip Blank	T	Water	8260B	
Analysis Batch:460-90161					
LCS 460-90161/3	Lab Control Sample	T	Water	8260B	
MB 460-90161/4	Method Blank	T	Water	8260B	
460-32413-4	MW-35I	T	Water	8260B	
460-32413-4MS	Matrix Spike	T	Water	8260B	
460-32413-4MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:460-90279					
LCS 460-90279/3	Lab Control Sample	T	Water	8260B	
MB 460-90279/4	Method Blank	T	Water	8260B	
460-32413-7	Dup-101311	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-32413-1

Laboratory Chronicle

Lab ID: 460-32413-1 **Client ID:** OW-4

Sample Date/Time: 10/13/2011 12:45 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-1		460-90116		10/20/2011 04:23	2	TAL EDI	EM
A:8260B	460-32413-A-1		460-90116		10/20/2011 04:23	2	TAL EDI	EM

Lab ID: 460-32413-2 **Client ID:** OW-5

Sample Date/Time: 10/13/2011 13:25 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-2		460-90116		10/20/2011 01:11	1	TAL EDI	EM
A:8260B	460-32413-A-2		460-90116		10/20/2011 01:11	1	TAL EDI	EM

Lab ID: 460-32413-3 **Client ID:** MW-34I

Sample Date/Time: 10/13/2011 15:05 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-3		460-90116		10/19/2011 22:23	5	TAL EDI	EM
A:8260B	460-32413-A-3		460-90116		10/19/2011 22:23	5	TAL EDI	EM

Lab ID: 460-32413-3 MS **Client ID:** MW-34I

Sample Date/Time: 10/13/2011 15:05 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-3 MS		460-90116		10/19/2011 23:11	10	TAL EDI	EM
A:8260B	460-32413-A-3 MS		460-90116		10/19/2011 23:11	10	TAL EDI	EM

Lab ID: 460-32413-3 MSD **Client ID:** MW-34I

Sample Date/Time: 10/13/2011 15:05 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-3 MSD		460-90116		10/19/2011 23:35	10	TAL EDI	EM
A:8260B	460-32413-A-3 MSD		460-90116		10/19/2011 23:35	10	TAL EDI	EM

Lab ID: 460-32413-4 **Client ID:** MW-35I

Sample Date/Time: 10/13/2011 14:10 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-4		460-90161		10/20/2011 09:16	5	TAL EDI	AT
A:8260B	460-32413-A-4		460-90161		10/20/2011 09:16	5	TAL EDI	AT

Client: Roux Associates, Inc. Job Number: 460-32413-1

Laboratory Chronicle

Lab ID: 460-32413-4 MS **Client ID: MW-35I**

Sample Date/Time: 10/13/2011 14:10 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-4 MS		460-90161		10/20/2011 10:28	10	TAL EDI	AT
A:8260B	460-32413-A-4 MS		460-90161		10/20/2011 10:28	10	TAL EDI	AT

Lab ID: 460-32413-4 MSD **Client ID: MW-35I**

Sample Date/Time: 10/13/2011 14:10 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-4 MSD		460-90161		10/20/2011 10:52	10	TAL EDI	AT
A:8260B	460-32413-A-4 MSD		460-90161		10/20/2011 10:52	10	TAL EDI	AT

Lab ID: 460-32413-5 **Client ID: FB-101311**

Sample Date/Time: 10/13/2011 15:10 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-5		460-90116		10/20/2011 00:23	1	TAL EDI	EM
A:8260B	460-32413-A-5		460-90116		10/20/2011 00:23	1	TAL EDI	EM

Lab ID: 460-32413-6 **Client ID: Trip Blank**

Sample Date/Time: 10/13/2011 00:00 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-A-6		460-90116		10/20/2011 00:47	1	TAL EDI	EM
A:8260B	460-32413-A-6		460-90116		10/20/2011 00:47	1	TAL EDI	EM

Lab ID: 460-32413-7 **Client ID: Dup-101311**

Sample Date/Time: 10/13/2011 12:00 Received Date/Time: 10/14/2011 07:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-32413-B-7		460-90279		10/21/2011 04:57	5	TAL EDI	EM
A:8260B	460-32413-B-7		460-90279		10/21/2011 04:57	5	TAL EDI	EM

Client: Roux Associates, Inc. Job Number: 460-32413-1

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-90116/4		460-90116		10/19/2011 20:23	1	TAL EDI	EM
A:8260B	MB 460-90116/4		460-90116		10/19/2011 20:23	1	TAL EDI	EM
P:5030B	MB 460-90161/4		460-90161		10/20/2011 08:28	1	TAL EDI	AT
A:8260B	MB 460-90161/4		460-90161		10/20/2011 08:28	1	TAL EDI	AT
P:5030B	MB 460-90279/4		460-90279		10/20/2011 22:33	1	TAL EDI	EM
A:8260B	MB 460-90279/4		460-90279		10/20/2011 22:33	1	TAL EDI	EM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-90116/3		460-90116		10/19/2011 19:16	1	TAL EDI	EM
A:8260B	LCS 460-90116/3		460-90116		10/19/2011 19:16	1	TAL EDI	EM
P:5030B	LCS 460-90161/3		460-90161		10/20/2011 07:33	1	TAL EDI	AT
A:8260B	LCS 460-90161/3		460-90161		10/20/2011 07:33	1	TAL EDI	AT
P:5030B	LCS 460-90279/3		460-90279		10/20/2011 21:17	1	TAL EDI	EM
A:8260B	LCS 460-90279/3		460-90279		10/20/2011 21:17	1	TAL EDI	EM

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
OW-4	460-32413-1	104	96	98
OW-5	460-32413-2	103	106	99
MW-34I	460-32413-3	108	95	100
MW-35I	460-32413-4	106	97	101
FB-101311	460-32413-5	103	99	101
Trip Blank	460-32413-6	106	97	100
Dup-101311	460-32413-7	106	95	95
	MB 460-90116/4	105	95	97
	MB 460-90161/4	101	96	98
	MB 460-90279/4	102	98	102
	LCS 460-90116/3	108	100	97
	LCS 460-90161/3	100	98	100
	LCS 460-90279/3	99	103	101
MW-34I MS	460-32413-3 MS	101	104	97
MW-35I MS	460-32413-4 MS	102	99	100
MW-34I MSD	460-32413-3 MSD	100	99	100
MW-35I MSD	460-32413-4 MSD	100	97	101

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c61515.d

Lab ID: LCS 460-90116/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.2	81	58-146	
Bromomethane	20.0	19.0	95	55-153	
Vinyl chloride	20.0	18.0	90	61-144	
Chloroethane	20.0	21.4	107	69-145	
Methylene Chloride	20.0	17.5	87	79-119	
Acetone	20.0	19.9	100	45-156	
Carbon disulfide	20.0	18.2	91	58-139	
1,1-Dichloroethene	20.0	18.8	94	56-139	
1,1-Dichloroethane	20.0	19.5	98	78-122	
trans-1,2-Dichloroethene	20.0	20.1	100	75-122	
cis-1,2-Dichloroethene	20.0	19.7	98	80-120	
Chloroform	20.0	21.2	106	82-123	
1,2-Dichloroethane	20.0	21.1	105	74-118	
2-Butanone	20.0	16.9	85	65-114	
1,1,1-Trichloroethane	20.0	21.6	108	74-128	
Carbon tetrachloride	20.0	22.5	113	73-120	
Bromodichloromethane	20.0	20.4	102	79-119	
1,2-Dichloropropane	20.0	18.2	91	80-120	
cis-1,3-Dichloropropene	20.0	17.3	87	80-120	
Trichloroethene	20.0	20.2	101	78-119	
Dibromochloromethane	20.0	19.9	99	80-120	
1,1,2-Trichloroethane	20.0	18.1	90	79-119	
Benzene	20.0	18.8	94	83-124	
trans-1,3-Dichloropropene	20.0	16.7	84	78-118	
Bromoform	20.0	19.4	97	73-123	
4-Methyl-2-pentanone	20.0	12.1	60	53-120	
2-Hexanone	20.0	11.3	56	53-121	
Tetrachloroethene	20.0	17.7	89	68-139	
1,1,2,2-Tetrachloroethane	20.0	17.0	85	74-126	
Toluene	20.0	18.7	93	80-120	
Chlorobenzene	20.0	19.4	97	81-121	
Ethylbenzene	20.0	18.2	91	79-126	
Styrene	20.0	20.5	103	69-112	
Xylenes, Total	60.0	59.4	99	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c61540.d

Lab ID: LCS 460-90161/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	15.1	75	58-146	
Bromomethane	20.0	13.9	70	55-153	
Vinyl chloride	20.0	16.2	81	61-144	
Chloroethane	20.0	19.9	99	69-145	
Methylene Chloride	20.0	18.7	94	79-119	
Acetone	20.0	20.8	104	45-156	
Carbon disulfide	20.0	17.9	89	58-139	
1,1-Dichloroethene	20.0	18.5	93	56-139	
1,1-Dichloroethane	20.0	18.8	94	78-122	
trans-1,2-Dichloroethene	20.0	19.5	97	75-122	
cis-1,2-Dichloroethene	20.0	19.2	96	80-120	
Chloroform	20.0	21.0	105	82-123	
1,2-Dichloroethane	20.0	20.3	101	74-118	
2-Butanone	20.0	16.7	83	65-114	
1,1,1-Trichloroethane	20.0	21.0	105	74-128	
Carbon tetrachloride	20.0	21.8	109	73-120	
Bromodichloromethane	20.0	20.2	101	79-119	
1,2-Dichloropropane	20.0	18.1	91	80-120	
cis-1,3-Dichloropropene	20.0	18.7	93	80-120	
Trichloroethene	20.0	21.6	108	78-119	
Dibromochloromethane	20.0	21.3	106	80-120	
1,1,2-Trichloroethane	20.0	19.1	95	79-119	
Benzene	20.0	19.3	97	83-124	
trans-1,3-Dichloropropene	20.0	17.7	89	78-118	
Bromoform	20.0	19.7	99	73-123	
4-Methyl-2-pentanone	20.0	14.3	72	53-120	
2-Hexanone	20.0	13.5	67	53-121	
Tetrachloroethene	20.0	19.9	100	68-139	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	74-126	
Toluene	20.0	19.2	96	80-120	
Chlorobenzene	20.0	20.7	103	81-121	
Ethylbenzene	20.0	19.6	98	79-126	
Styrene	20.0	21.7	108	69-112	
Xylenes, Total	60.0	61.8	103	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c61572.d

Lab ID: LCS 460-90279/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	16.5	82	58-146	
Bromomethane	20.0	11.4	57	55-153	
Vinyl chloride	20.0	18.3	92	61-144	
Chloroethane	20.0	20.0	100	69-145	
Methylene Chloride	20.0	17.6	88	79-119	
Acetone	20.0	25.2	126	45-156	
Carbon disulfide	20.0	18.6	93	58-139	
1,1-Dichloroethene	20.0	17.3	86	56-139	
1,1-Dichloroethane	20.0	17.8	89	78-122	
trans-1,2-Dichloroethene	20.0	18.8	94	75-122	
cis-1,2-Dichloroethene	20.0	19.5	97	80-120	
Chloroform	20.0	19.4	97	82-123	
1,2-Dichloroethane	20.0	21.2	106	74-118	
2-Butanone	20.0	17.6	88	65-114	
1,1,1-Trichloroethane	20.0	19.6	98	74-128	
Carbon tetrachloride	20.0	21.2	106	73-120	
Bromodichloromethane	20.0	19.9	100	79-119	
1,2-Dichloropropane	20.0	17.6	88	80-120	
cis-1,3-Dichloropropene	20.0	19.8	99	80-120	
Trichloroethene	20.0	20.3	102	78-119	
Dibromochloromethane	20.0	20.1	100	80-120	
1,1,2-Trichloroethane	20.0	18.3	91	79-119	
Benzene	20.0	19.8	99	83-124	
trans-1,3-Dichloropropene	20.0	18.3	91	78-118	
Bromoform	20.0	19.0	95	73-123	
4-Methyl-2-pentanone	20.0	17.2	86	53-120	
2-Hexanone	20.0	13.8	69	53-121	
Tetrachloroethene	20.0	20.1	100	68-139	
1,1,2,2-Tetrachloroethane	20.0	17.9	89	74-126	
Toluene	20.0	19.7	99	80-120	
Chlorobenzene	20.0	19.6	98	81-121	
Ethylbenzene	20.0	19.9	99	79-126	
Styrene	20.0	21.0	105	69-112	
Xylenes, Total	60.0	61.2	102	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c61524.d

Lab ID: 460-32413-3 MS Client ID: MW-34I MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	5.0 U	174	87	58-146	
Bromomethane	200	5.0 U	149	75	55-153	
Vinyl chloride	200	3.8 J	194	95	61-144	
Chloroethane	200	5.0 U	197	98	69-145	
Methylene Chloride	200	5.0 U	181	91	79-119	
Acetone	200	50 U	253	127	45-156	
Carbon disulfide	200	5.0 U	185	93	58-139	
1,1-Dichloroethene	200	8.9	196	94	56-139	
1,1-Dichloroethane	200	5.0 U	183	92	78-122	
trans-1,2-Dichloroethene	200	2.5 J	193	95	75-122	
cis-1,2-Dichloroethene	200	75	270	98	80-120	
Chloroform	200	5.0 U	203	102	82-123	
1,2-Dichloroethane	200	5.0 U	209	104	74-118	
2-Butanone	200	50 U	187	93	65-114	
1,1,1-Trichloroethane	200	5.0 U	196	98	74-128	
Carbon tetrachloride	200	5.0 U	213	107	73-120	
Bromodichloromethane	200	5.0 U	197	99	79-119	
1,2-Dichloropropane	200	5.0 U	178	89	80-120	
cis-1,3-Dichloropropene	200	5.0 U	193	96	80-120	
Trichloroethene	200	1800	1930	72	78-119	*
Dibromochloromethane	200	5.0 U	202	101	80-120	
1,1,2-Trichloroethane	200	5.0 U	194	97	79-119	
Benzene	200	5.0 U	195	97	83-124	
trans-1,3-Dichloropropene	200	5.0 U	193	97	78-118	
Bromoform	200	5.0 U	186	93	73-123	
4-Methyl-2-pentanone	200	50 U	158	79	53-120	
2-Hexanone	200	50 U	137	68	53-121	
Tetrachloroethene	200	5.0 U	206	103	68-139	
1,1,2,2-Tetrachloroethane	200	5.0 U	182	91	74-126	
Toluene	200	5.0 U	202	101	80-120	
Chlorobenzene	200	5.0 U	205	103	81-121	
Ethylbenzene	200	5.0 U	196	98	79-126	
Styrene	200	5.0 U	208	104	69-112	
Xylenes, Total	600	15 U	607	101	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c61547.d

Lab ID: 460-32413-4 MS Client ID: MW-35I MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	5.0 U	188	94	58-146	
Bromomethane	200	5.0 U	131	65	55-153	
Vinyl chloride	200	5.0 U	205	102	61-144	
Chloroethane	200	5.0 U	237	118	69-145	
Methylene Chloride	200	5.0 U	181	90	79-119	
Acetone	200	50 U	253	127	45-156	
Carbon disulfide	200	5.0 U	197	98	58-139	
1,1-Dichloroethene	200	2.0 J	185	92	56-139	
1,1-Dichloroethane	200	1.3 J	190	94	78-122	
trans-1,2-Dichloroethene	200	5.0 U	189	94	75-122	
cis-1,2-Dichloroethene	200	7.2	203	98	80-120	
Chloroform	200	5.0 U	209	105	82-123	
1,2-Dichloroethane	200	5.0 U	211	106	74-118	
2-Butanone	200	50 U	159	79	65-114	
1,1,1-Trichloroethane	200	5.0 U	207	103	74-128	
Carbon tetrachloride	200	5.0 U	224	112	73-120	
Bromodichloromethane	200	5.0 U	203	101	79-119	
1,2-Dichloropropane	200	5.0 U	192	96	80-120	
cis-1,3-Dichloropropene	200	5.0 U	188	94	80-120	
Trichloroethene	200	2200	2500	167	78-119	*
Dibromochloromethane	200	5.0 U	204	102	80-120	
1,1,2-Trichloroethane	200	0.99 J	193	96	79-119	
Benzene	200	5.0 U	209	105	83-124	
trans-1,3-Dichloropropene	200	5.0 U	184	92	78-118	
Bromoform	200	5.0 U	202	101	73-123	
4-Methyl-2-pentanone	200	50 U	152	76	53-120	
2-Hexanone	200	50 U	151	75	53-121	
Tetrachloroethene	200	5.0 U	210	105	68-139	
1,1,2,2-Tetrachloroethane	200	5.0 U	188	94	74-126	
Toluene	200	5.0 U	201	101	80-120	
Chlorobenzene	200	5.0 U	210	105	81-121	
Ethylbenzene	200	5.0 U	206	103	79-126	
Styrene	200	5.0 U	221	111	69-112	
Xylenes, Total	600	15 U	635	106	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c61525.d

Lab ID: 460-32413-3 MSD Client ID: MW-34I MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	185	93	7	30	58-146	
Bromomethane	200	173	87	15	30	55-153	
Vinyl chloride	200	198	97	2	30	61-144	
Chloroethane	200	186	93	6	30	69-145	
Methylene Chloride	200	184	92	1	30	79-119	
Acetone	200	241	121	5	30	45-156	
Carbon disulfide	200	180	90	3	30	58-139	
1,1-Dichloroethene	200	192	92	2	30	56-139	
1,1-Dichloroethane	200	184	92	0	30	78-122	
trans-1,2-Dichloroethene	200	198	98	3	30	75-122	
cis-1,2-Dichloroethene	200	260	92	4	30	80-120	
Chloroform	200	209	104	3	30	82-123	
1,2-Dichloroethane	200	209	105	0	30	74-118	
2-Butanone	200	170	85	10	30	65-114	
1,1,1-Trichloroethane	200	205	102	4	30	74-128	
Carbon tetrachloride	200	224	112	5	30	73-120	
Bromodichloromethane	200	197	99	0	30	79-119	
1,2-Dichloropropane	200	179	90	1	30	80-120	
cis-1,3-Dichloropropene	200	174	87	10	30	80-120	
Trichloroethene	200	1900	57	2	30	78-119	*
Dibromochloromethane	200	196	98	3	30	80-120	
1,1,2-Trichloroethane	200	178	89	9	30	79-119	
Benzene	200	191	95	2	30	83-124	
trans-1,3-Dichloropropene	200	172	86	11	30	78-118	
Bromoform	200	188	94	1	30	73-123	
4-Methyl-2-pentanone	200	132	66	17	30	53-120	
2-Hexanone	200	120	60	13	30	53-121	
Tetrachloroethene	200	203	101	2	30	68-139	
1,1,2,2-Tetrachloroethane	200	173	87	5	30	74-126	
Toluene	200	194	97	4	30	80-120	
Chlorobenzene	200	203	101	1	30	81-121	
Ethylbenzene	200	197	98	0	30	79-126	
Styrene	200	217	109	4	30	69-112	
Xylenes, Total	600	631	105	4	30	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c61548.d

Lab ID: 460-32413-4 MSD Client ID: MW-35I MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	196	98	4	30	58-146	
Bromomethane	200	149	75	13	30	55-153	
Vinyl chloride	200	219	109	7	30	61-144	
Chloroethane	200	229	115	3	30	69-145	
Methylene Chloride	200	189	94	5	30	79-119	
Acetone	200	218	109	15	30	45-156	
Carbon disulfide	200	185	92	6	30	58-139	
1,1-Dichloroethene	200	184	91	1	30	56-139	
1,1-Dichloroethane	200	192	95	1	30	78-122	
trans-1,2-Dichloroethene	200	193	97	2	30	75-122	
cis-1,2-Dichloroethene	200	203	98	0	30	80-120	
Chloroform	200	204	102	3	30	82-123	
1,2-Dichloroethane	200	207	103	2	30	74-118	
2-Butanone	200	156	78	1	30	65-114	
1,1,1-Trichloroethane	200	208	104	0	30	74-128	
Carbon tetrachloride	200	219	109	2	30	73-120	
Bromodichloromethane	200	196	98	3	30	79-119	
1,2-Dichloropropane	200	184	92	4	30	80-120	
cis-1,3-Dichloropropene	200	180	90	4	30	80-120	
Trichloroethene	200	2470	153	1	30	78-119	*
Dibromochloromethane	200	198	99	3	30	80-120	
1,1,2-Trichloroethane	200	181	90	6	30	79-119	
Benzene	200	197	99	6	30	83-124	
trans-1,3-Dichloropropene	200	183	91	1	30	78-118	
Bromoform	200	203	101	1	30	73-123	
4-Methyl-2-pentanone	200	142	71	7	30	53-120	
2-Hexanone	200	138	69	9	30	53-121	
Tetrachloroethene	200	200	100	5	30	68-139	
1,1,2,2-Tetrachloroethane	200	183	92	3	30	74-126	
Toluene	200	194	97	4	30	80-120	
Chlorobenzene	200	204	102	3	30	81-121	
Ethylbenzene	200	198	99	4	30	79-126	
Styrene	200	211	106	5	30	69-112	
Xylenes, Total	600	612	102	4	30	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab File ID: c61517.d Lab Sample ID: MB 460-90116/4

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

Instrument ID: VOAMS3 Date Analyzed: 10/19/2011 20:23

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-90116/3	c61515.d	10/19/2011 19:16
MW-34I	460-32413-3	c61522.d	10/19/2011 22:23
MW-34I MS	460-32413-3 MS	c61524.d	10/19/2011 23:11
MW-34I MSD	460-32413-3 MSD	c61525.d	10/19/2011 23:35
FB-101311	460-32413-5	c61527.d	10/20/2011 00:23
Trip Blank	460-32413-6	c61528.d	10/20/2011 00:47
OW-5	460-32413-2	c61529.d	10/20/2011 01:11
OW-4	460-32413-1	c61537.d	10/20/2011 04:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab File ID: c61542.d Lab Sample ID: MB 460-90161/4

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

Instrument ID: VOAMS3 Date Analyzed: 10/20/2011 08:28

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-90161/3	c61540.d	10/20/2011 07:33
MW-35I	460-32413-4	c61544.d	10/20/2011 09:16
MW-35I MS	460-32413-4 MS	c61547.d	10/20/2011 10:28
MW-35I MSD	460-32413-4 MSD	c61548.d	10/20/2011 10:52

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab File ID: c61575.d Lab Sample ID: MB 460-90279/4

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

Instrument ID: VOAMS3 Date Analyzed: 10/20/2011 22:33

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-90279/3	c61572.d	10/20/2011 21:17
Dup-101311	460-32413-7	c61591.d	10/21/2011 04:57

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab File ID: c61266.d BFB Injection Date: 10/13/2011

Instrument ID: VOAMS3 BFB Injection Time: 22:06

Analysis Batch No.: 89508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.6	
173	Less than 2.0 % of mass 174	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	96.0	
175	5.0 - 9.0 % of mass 174	6.4	(6.6)1
176	95.0 - 101.0 % of mass 174	91.6	(95.3)1
177	5.0 - 9.0 % of mass 176	5.6	(6.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-89508/2	c61268.d	10/13/2011	23:15
	IC 460-89508/3	c61270.d	10/14/2011	00:46
	IC 460-89508/4	c61271.d	10/14/2011	01:09
	IC 460-89508/5	c61272.d	10/14/2011	01:32
	IC 460-89508/6	c61282.d	10/14/2011	05:22
	IC 460-89508/7	c61284.d	10/14/2011	06:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab File ID: c61513.d BFB Injection Date: 10/19/2011

Instrument ID: VOAMS3 BFB Injection Time: 18:31

Analysis Batch No.: 90116

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	45.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	9.0	
173	Less than 2.0 % of mass 174	1.9	(2.0)1
174	50.0 - 120.00 % of mass 95	92.9	
175	5.0 - 9.0 % of mass 174	7.7	(8.3)1
176	95.0 - 101.0 % of mass 174	88.7	(95.4)1
177	5.0 - 9.0 % of mass 176	5.7	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-90116/2	c61514.d	10/19/2011	18:52
	LCS 460-90116/3	c61515.d	10/19/2011	19:16
	MB 460-90116/4	c61517.d	10/19/2011	20:23
MW-34I	460-32413-3	c61522.d	10/19/2011	22:23
MW-34I MS	460-32413-3 MS	c61524.d	10/19/2011	23:11
MW-34I MSD	460-32413-3 MSD	c61525.d	10/19/2011	23:35
FB-101311	460-32413-5	c61527.d	10/20/2011	00:23
Trip Blank	460-32413-6	c61528.d	10/20/2011	00:47
OW-5	460-32413-2	c61529.d	10/20/2011	01:11
OW-4	460-32413-1	c61537.d	10/20/2011	04:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab File ID: c61538.d BFB Injection Date: 10/20/2011

Instrument ID: VOAMS3 BFB Injection Time: 06:50

Analysis Batch No.: 90161

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.6	
75	30.0 - 60.0 % of mass 95	53.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	72.3	
175	5.0 - 9.0 % of mass 174	6.3	(8.7)1
176	95.0 - 101.0 % of mass 174	72.1	(99.7)1
177	5.0 - 9.0 % of mass 176	4.1	(5.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-90161/2	c61539.d	10/20/2011	07:09
	LCS 460-90161/3	c61540.d	10/20/2011	07:33
	MB 460-90161/4	c61542.d	10/20/2011	08:28
MW-35I	460-32413-4	c61544.d	10/20/2011	09:16
MW-35I MS	460-32413-4 MS	c61547.d	10/20/2011	10:28
MW-35I MSD	460-32413-4 MSD	c61548.d	10/20/2011	10:52

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab File ID: c61569.d BFB Injection Date: 10/20/2011

Instrument ID: VOAMS3 BFB Injection Time: 19:38

Analysis Batch No.: 90279

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	46.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	90.3	
175	5.0 - 9.0 % of mass 174	7.5	(8.3)1
176	95.0 - 101.0 % of mass 174	86.8	(96.1)1
177	5.0 - 9.0 % of mass 176	5.7	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-90279/2	c61571.d	10/20/2011	20:24
	LCS 460-90279/3	c61572.d	10/20/2011	21:17
	MB 460-90279/4	c61575.d	10/20/2011	22:33
Dup-101311	460-32413-7	c61591.d	10/21/2011	04:57

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Sample No.: CCVIS 460-90116/2 Date Analyzed: 10/19/2011 18:52

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c61514.d Heated Purge: (Y/N) N

Calibration ID: 12673

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		502758	5.70	396366	8.65	225255	10.41
UPPER LIMIT		1005516	6.20	792732	9.15	450510	10.91
LOWER LIMIT		251379	5.20	198183	8.15	112628	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-90116/3		507468	5.70	398739	8.65	237938	10.41
MB 460-90116/4		518182	5.70	372386	8.65	199619	10.41
460-32413-3	MW-34I	511191	5.70	366095	8.65	194783	10.41
460-32413-3 MS	MW-34I MS	560142	5.70	407964	8.65	233243	10.41
460-32413-3 MSD	MW-34I MSD	567299	5.70	419149	8.65	242526	10.41
460-32413-5	FB-101311	552491	5.70	385774	8.65	209486	10.41
460-32413-6	Trip Blank	545661	5.70	392127	8.65	208222	10.41
460-32413-2	OW-5	555263	5.70	373984	8.65	200957	10.41
460-32413-1	OW-4	575002	5.70	383313	8.65	214476	10.41

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Sample No.: CCVIS 460-90161/2 Date Analyzed: 10/20/2011 07:09

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c61539.d Heated Purge: (Y/N) N

Calibration ID: 12673

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		565545	5.71	420998	8.65	251659	10.41
UPPER LIMIT		1131090	6.21	841996	9.15	503318	10.91
LOWER LIMIT		282773	5.21	210499	8.15	125830	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-90161/3		586827	5.70	428745	8.65	247426	10.41
MB 460-90161/4		571811	5.70	395573	8.65	215562	10.41
460-32413-4	MW-35I	550728	5.70	373440	8.65	200366	10.41
460-32413-4 MS	MW-35I MS	651800	5.70	466172	8.65	268229	10.41
460-32413-4 MSD	MW-35I MSD	662077	5.70	491002	8.65	277885	10.41

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Sample No.: CCVIS 460-90279/2 Date Analyzed: 10/20/2011 20:24

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c61571.d Heated Purge: (Y/N) N

Calibration ID: 12673

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		616395	5.70	447130	8.65	252805	10.41
UPPER LIMIT		1232790	6.20	894260	9.15	505610	10.91
LOWER LIMIT		308198	5.20	223565	8.15	126403	9.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-90279/3		636787	5.70	460601	8.65	259755	10.41
MB 460-90279/4		604069	5.70	429822	8.65	229533	10.41
460-32413-7	Dup-101311	575085	5.70	398052	8.65	220399	10.41

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: OW-4 Lab Sample ID: 460-32413-1

Matrix: Water Lab File ID: c61537.d

Analysis Method: 8260B Date Collected: 10/13/2011 12:45

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 04:23

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2.0	U	2.0	0.42
74-83-9	Bromomethane	2.0	U	2.0	0.62
75-01-4	Vinyl chloride	4.7		2.0	0.26
75-00-3	Chloroethane	2.0	U	2.0	0.90
75-09-2	Methylene Chloride	2.0	U	2.0	0.38
67-64-1	Acetone	20	U	20	5.0
75-15-0	Carbon disulfide	2.0	U	2.0	0.30
75-35-4	1,1-Dichloroethene	4.8		2.0	0.28
75-34-3	1,1-Dichloroethane	2.0	U	2.0	0.20
156-60-5	trans-1,2-Dichloroethene	2.8		2.0	0.28
156-59-2	cis-1,2-Dichloroethene	81		2.0	0.40
67-66-3	Chloroform	2.0	U	2.0	0.30
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.48
78-93-3	2-Butanone	20	U	20	1.6
71-55-6	1,1,1-Trichloroethane	2.0	U	2.0	0.50
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.38
75-27-4	Bromodichloromethane	2.0	U	2.0	0.19
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.18
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.22
79-01-6	Trichloroethene	960		2.0	0.36
124-48-1	Dibromochloromethane	2.0	U	2.0	0.22
79-00-5	1,1,2-Trichloroethane	2.0	U	2.0	0.20
71-43-2	Benzene	2.0	U	2.0	0.26
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.24
75-25-2	Bromoform	2.0	U	2.0	0.20
108-10-1	4-Methyl-2-pentanone	20	U	20	1.4
591-78-6	2-Hexanone	20	U	20	1.1
127-18-4	Tetrachloroethene	0.57	J	2.0	0.40
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.18
108-88-3	Toluene	2.0	U	2.0	0.18
108-90-7	Chlorobenzene	2.0	U	2.0	0.32
100-41-4	Ethylbenzene	2.0	U	2.0	0.50
100-42-5	Styrene	2.0	U	2.0	0.26
1330-20-7	Xylenes, Total	6.0	U	6.0	0.86

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: OW-4 Lab Sample ID: 460-32413-1

Matrix: Water Lab File ID: c61537.d

Analysis Method: 8260B Date Collected: 10/13/2011 12:45

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 04:23

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	98		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61537.d
Report Date: 21-Oct-2011 10:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61537.d
Lab Smp Id: 460-32413-A-1 Client Smp ID: OW-4
Inj Date : 20-OCT-2011 04:23
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-1;2
Misc Info : 460-32413-A-1
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 24
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.706	1.712	(0.299)	6713	2.33103	4.7
	15 1,1-Dichloroethene	96	2.752	2.765	(0.483)	5930	2.39551	4.8
	28 MTBE	73	3.422	3.428	(0.600)	4957	0.62685	1.2(a)
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	3794	1.37892	2.8
	36 cis-1,2-Dichloroethene	96	4.480	4.486	(0.786)	124204	40.3268	81
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.387	(0.946)	160827	51.7769	52
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	575002	50.0000	
	54 Trichloroethene	95	6.117	6.117	(1.073)	1287604	480.647	960
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	421623	47.8852	48
	71 Tetrachloroethene	166	7.893	7.905	(0.912)	809	0.28541	0.57(a)
*	78 Chlorobenzene-d5	117	8.653	8.648	(1.000)	383313	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	160079	48.8098	49
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	214476	50.0000	
M	120 1,2-Dichloroethene (Total)	100				127998	41.7057	83

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61537.d
Report Date: 21-Oct-2011 10:26

QC Flag Legend

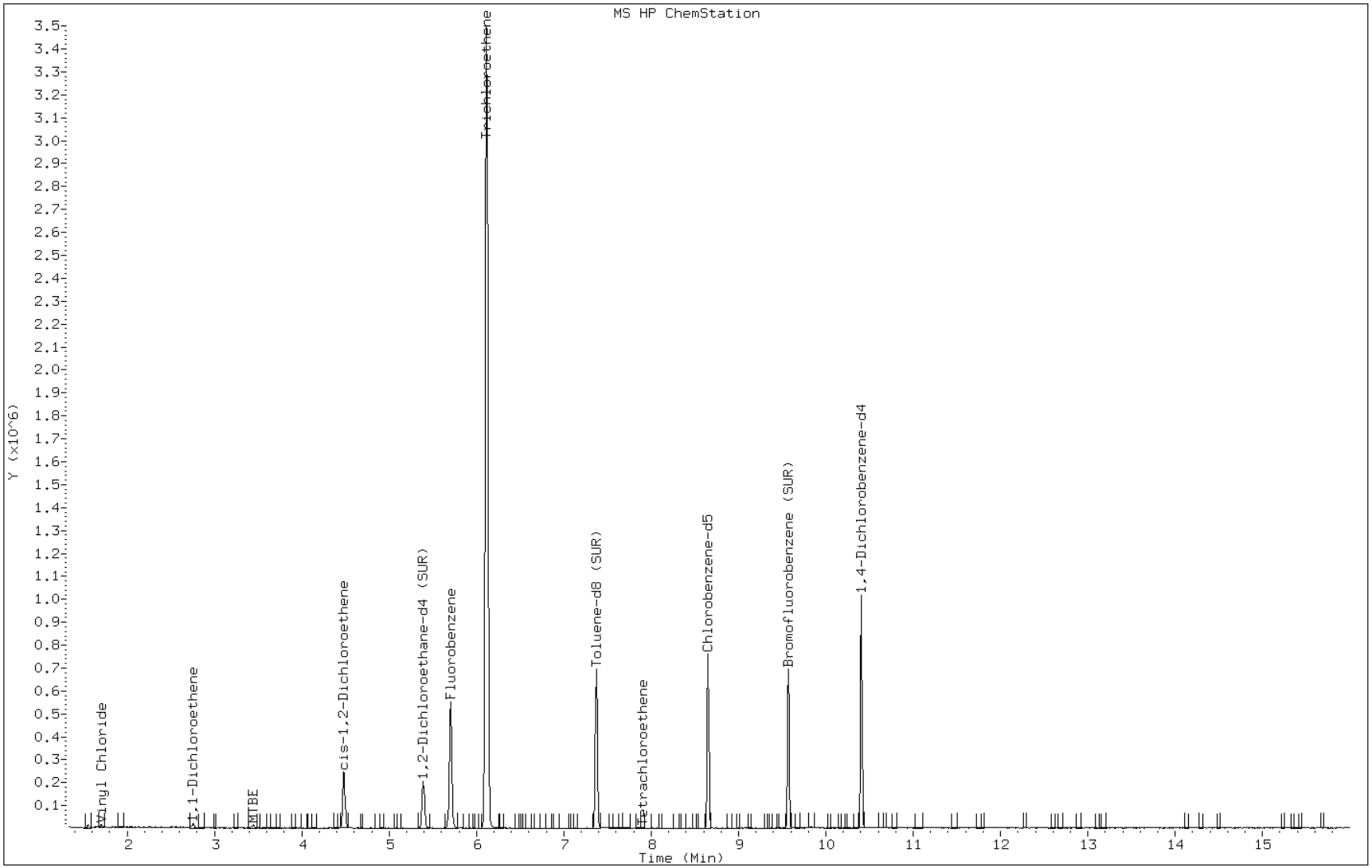
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c61537.d

Date: 20-OCT-2011 04:23

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-32413-A-1;2 Operator:



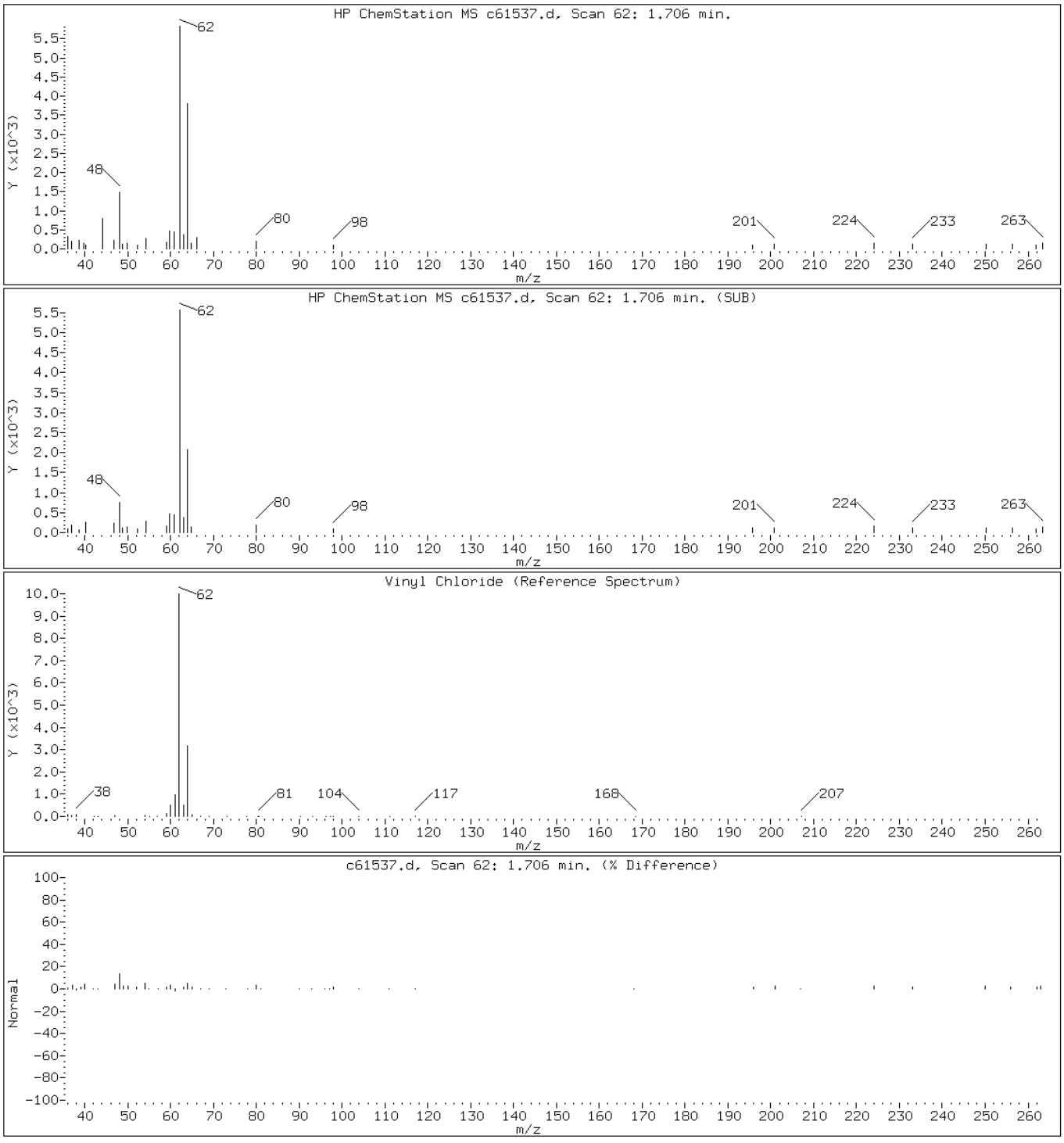
Data File: c61537.d

Date: 20-OCT-2011 04:23

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-32413-A-1;2 Operator:

4 Vinyl Chloride



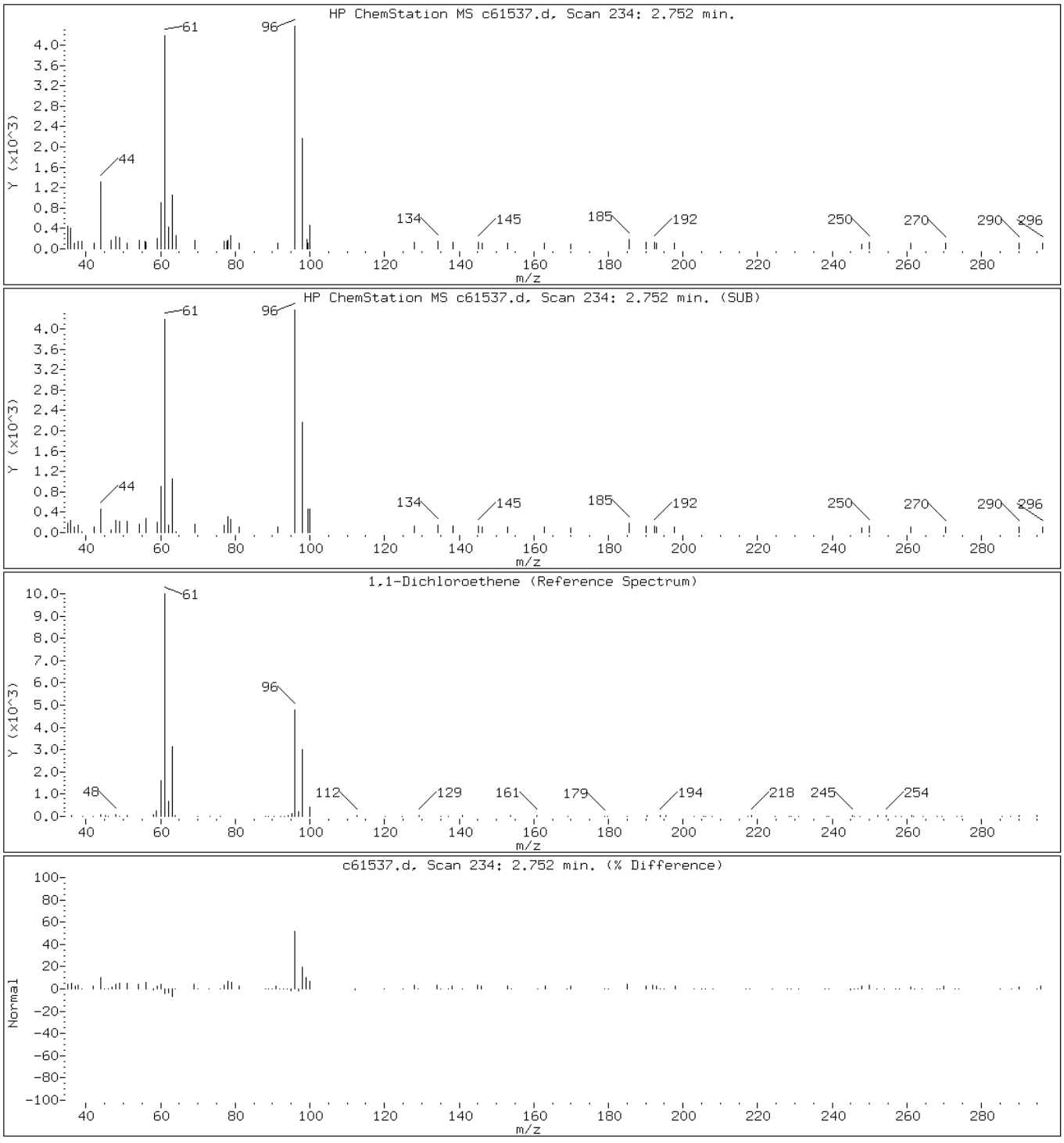
Data File: c61537.d

Date: 20-OCT-2011 04:23

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-32413-A-1;2 Operator:

15 1,1-Dichloroethene



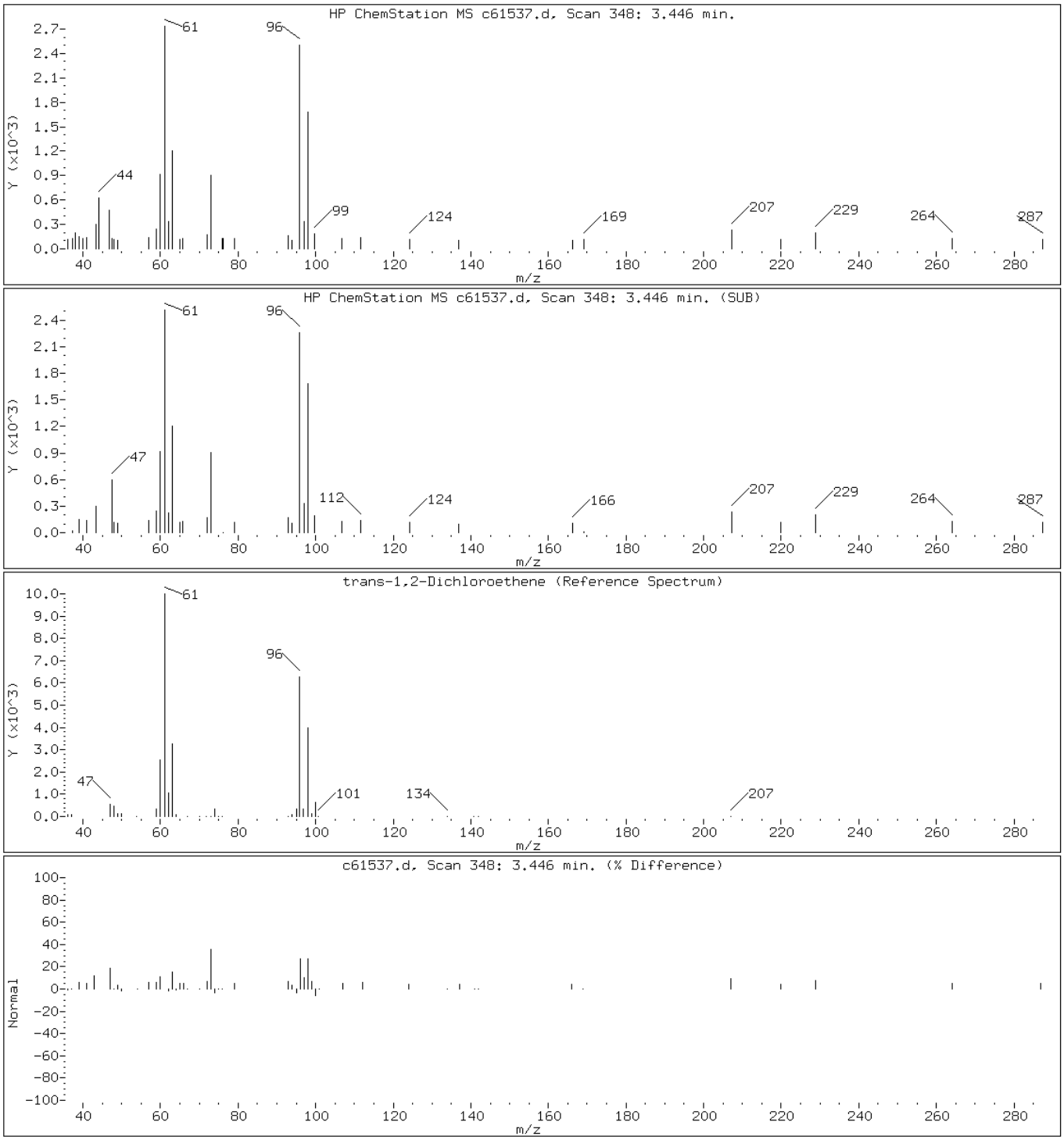
Data File: c61537.d

Date: 20-OCT-2011 04:23

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-32413-A-1;2 Operator:

25 trans-1,2-Dichloroethene



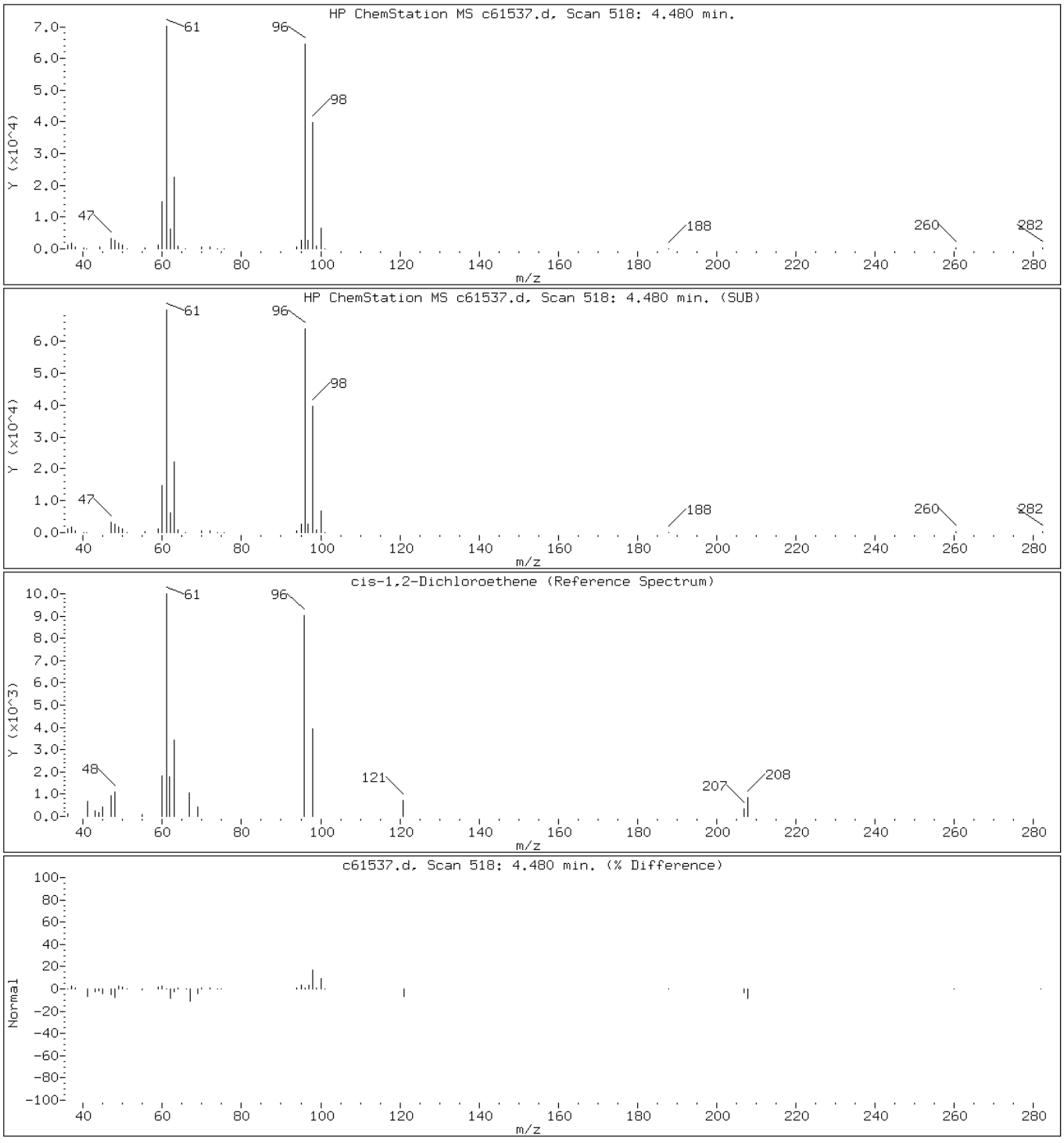
Data File: c61537.d

Date: 20-OCT-2011 04:23

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-32413-A-1;2 Operator:

36 cis-1,2-Dichloroethene



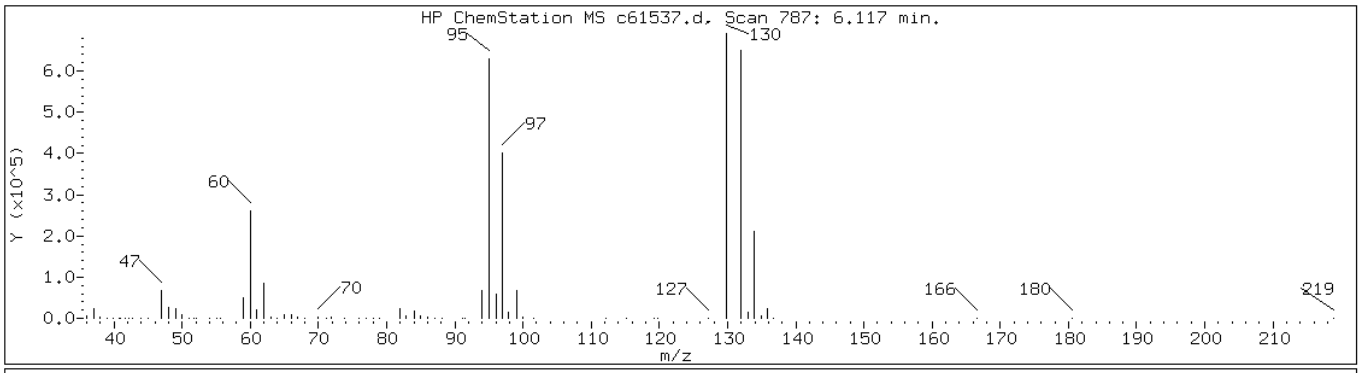
Data File: c61537.d

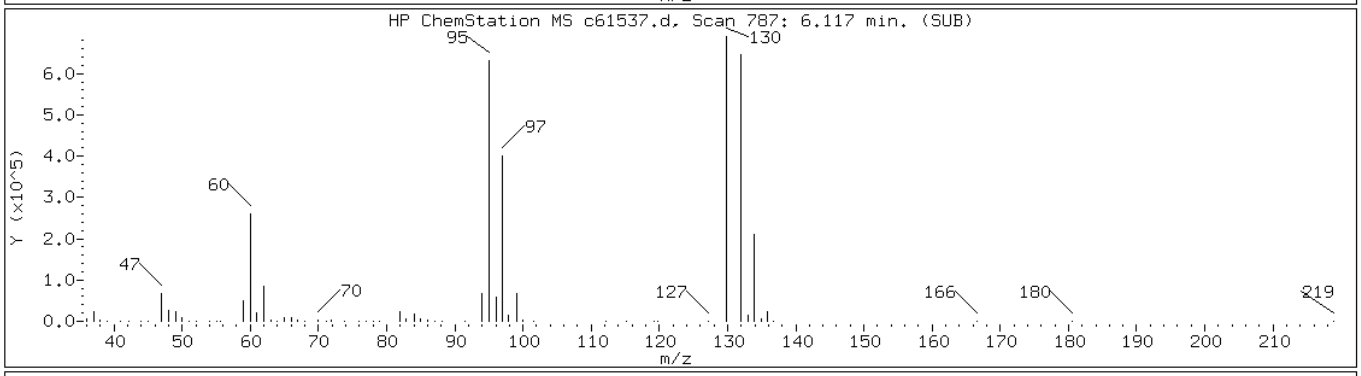
Date: 20-OCT-2011 04:23

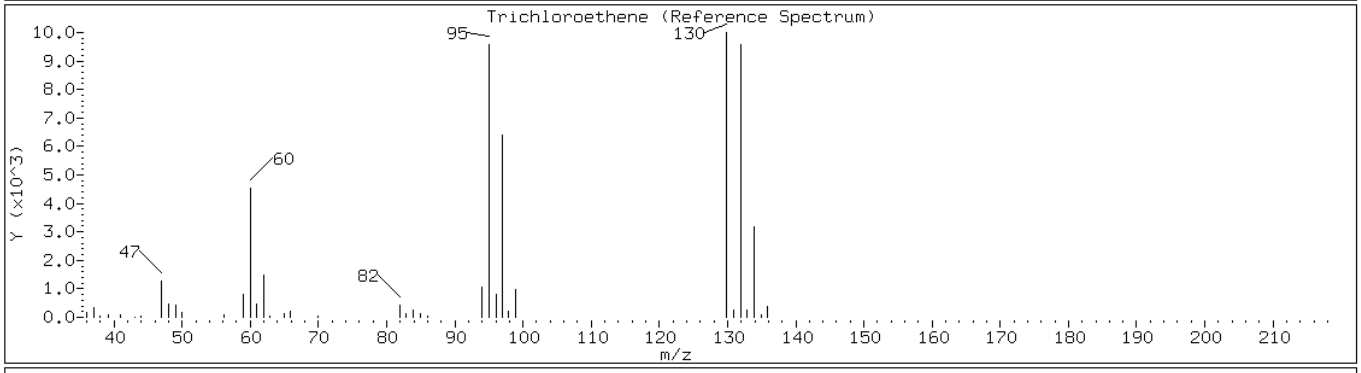
Client ID: OW-4 Instrument: VOAMS3.i

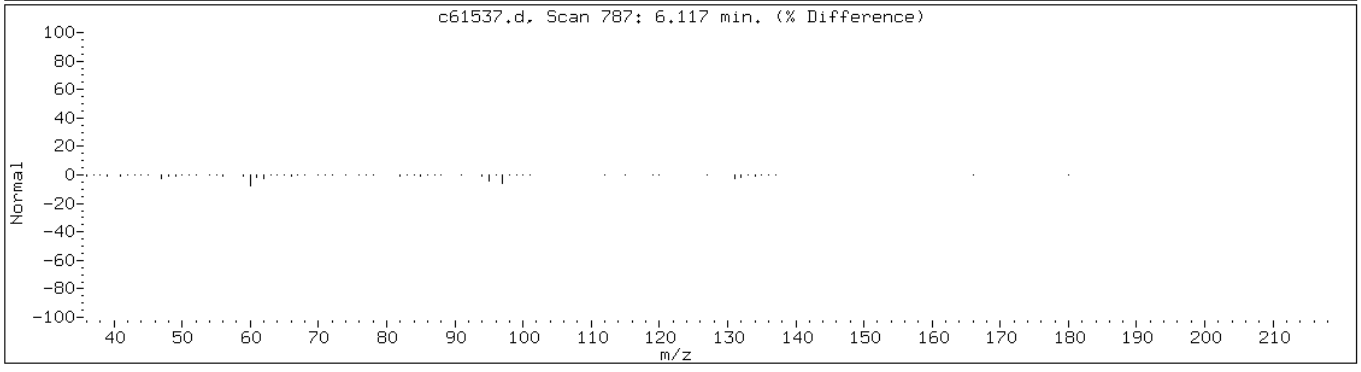
Sample Info: 460-32413-A-1;2 Operator:

54 Trichloroethene









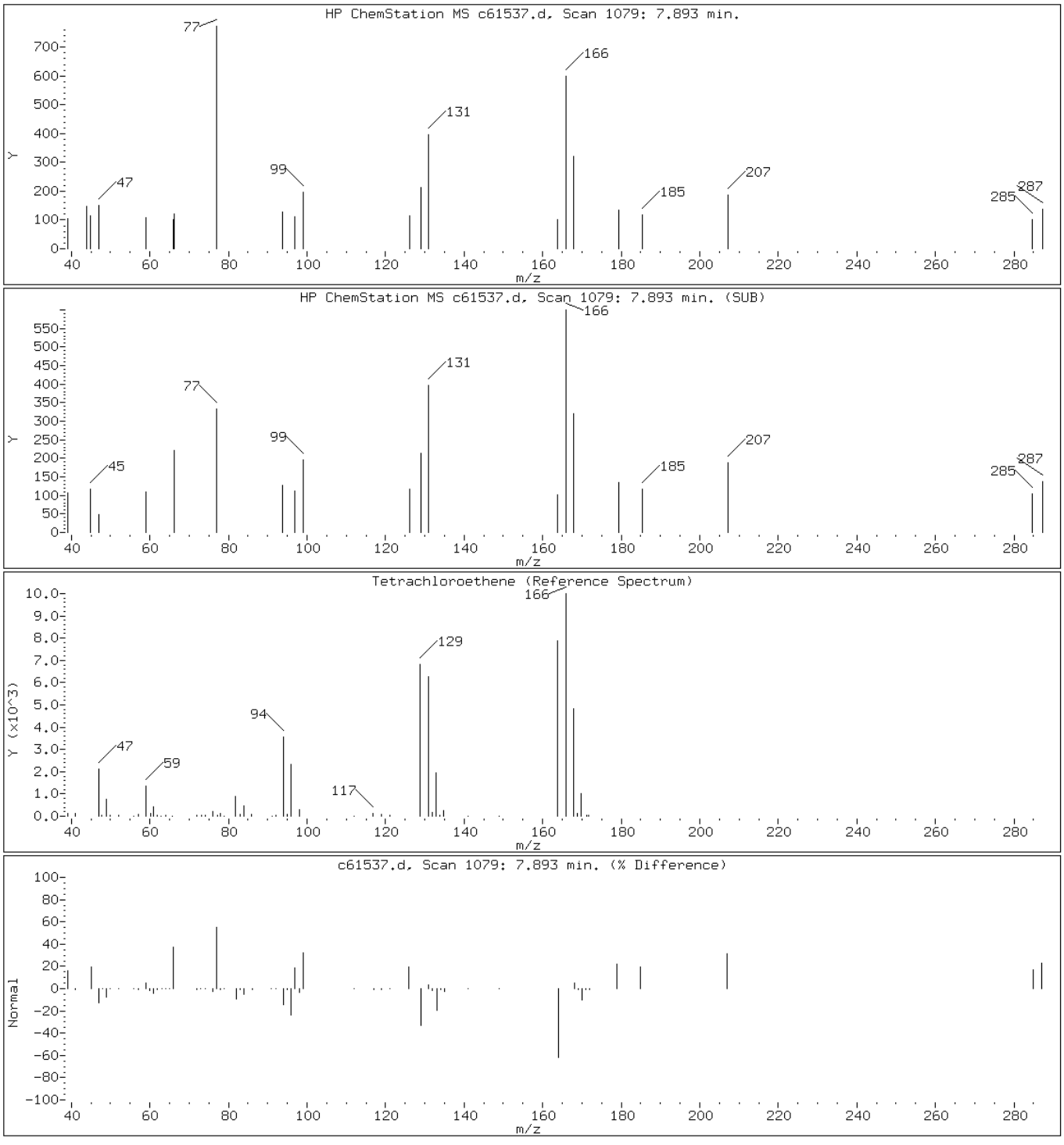
Data File: c61537.d

Date: 20-OCT-2011 04:23

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-32413-A-1;2 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: OW-5 Lab Sample ID: 460-32413-2

Matrix: Water Lab File ID: c61529.d

Analysis Method: 8260B Date Collected: 10/13/2011 13:25

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 01:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.4		1.0	0.14
75-34-3	1,1-Dichloroethane	0.29	J	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	0.44	J	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	7.0		1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	170		1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	0.49	J	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: OW-5 Lab Sample ID: 460-32413-2

Matrix: Water Lab File ID: c61529.d

Analysis Method: 8260B Date Collected: 10/13/2011 13:25

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 01:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-122
2037-26-5	Toluene-d8 (Surr)	106		69-125
460-00-4	Bromofluorobenzene	99		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61529.d
Report Date: 21-Oct-2011 10:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61529.d
Lab Smp Id: 460-32413-A-2 Client Smp ID: OW-5
Inj Date : 20-OCT-2011 01:11
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-2
Misc Info : 460-32413-A-2
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
15	1,1-Dichloroethene	96	2.753	2.765	(0.483)	3456	1.44590	1.4
25	trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	1165	0.43862	0.44(a)
30	1,1-Dichloroethane	63	3.890	3.896	(0.682)	1288	0.28952	0.29(a)
36	cis-1,2-Dichloroethene	96	4.480	4.486	(0.786)	20940	7.04075	7.0
$ 47	1,2-Dichloroethane-d4 (SUR)	65	5.393	5.387	(0.946)	154187	51.4039	51
* 52	Fluorobenzene	96	5.703	5.703	(1.000)	555263	50.0000	
54	Trichloroethene	95	6.117	6.117	(1.073)	442249	170.955	170
$ 65	Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	454303	52.8838	53
71	Tetrachloroethene	166	7.899	7.905	(0.913)	1369	0.49471	0.49(a)
* 78	Chlorobenzene-d5	117	8.654	8.648	(1.000)	373984	50.0000	
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	152140	49.5098	50
* 108	1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	200957	50.0000	
109	1,4-Dichlorobenzene	146	10.430	10.424	(1.002)	1824	0.31130	0.31(a)
M 120	1,2-Dichloroethene (Total)	100				22106	7.47936	7.5

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61529.d
Report Date: 21-Oct-2011 10:14

QC Flag Legend

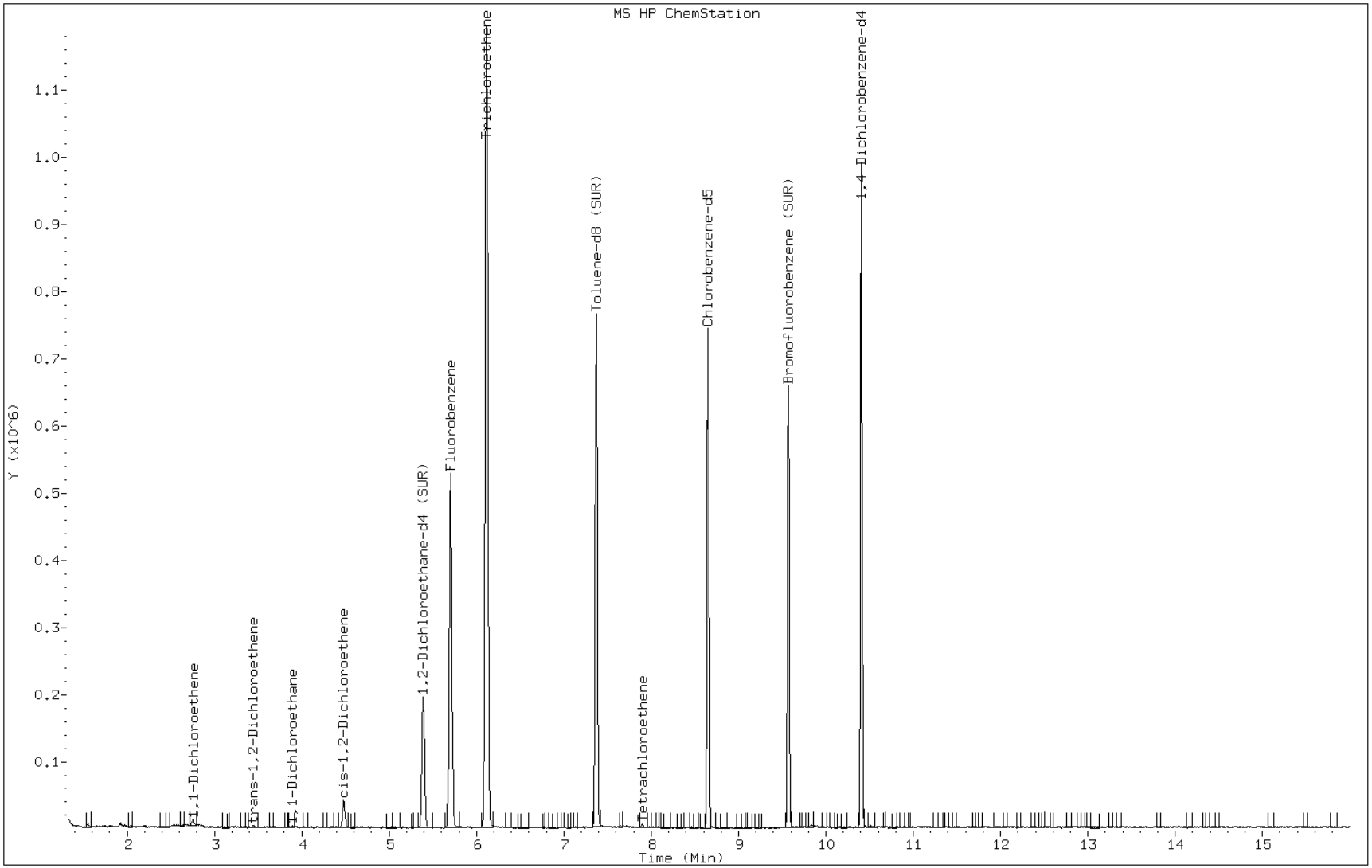
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c61529.d

Date: 20-OCT-2011 01:11

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-32413-A-2 Operator:



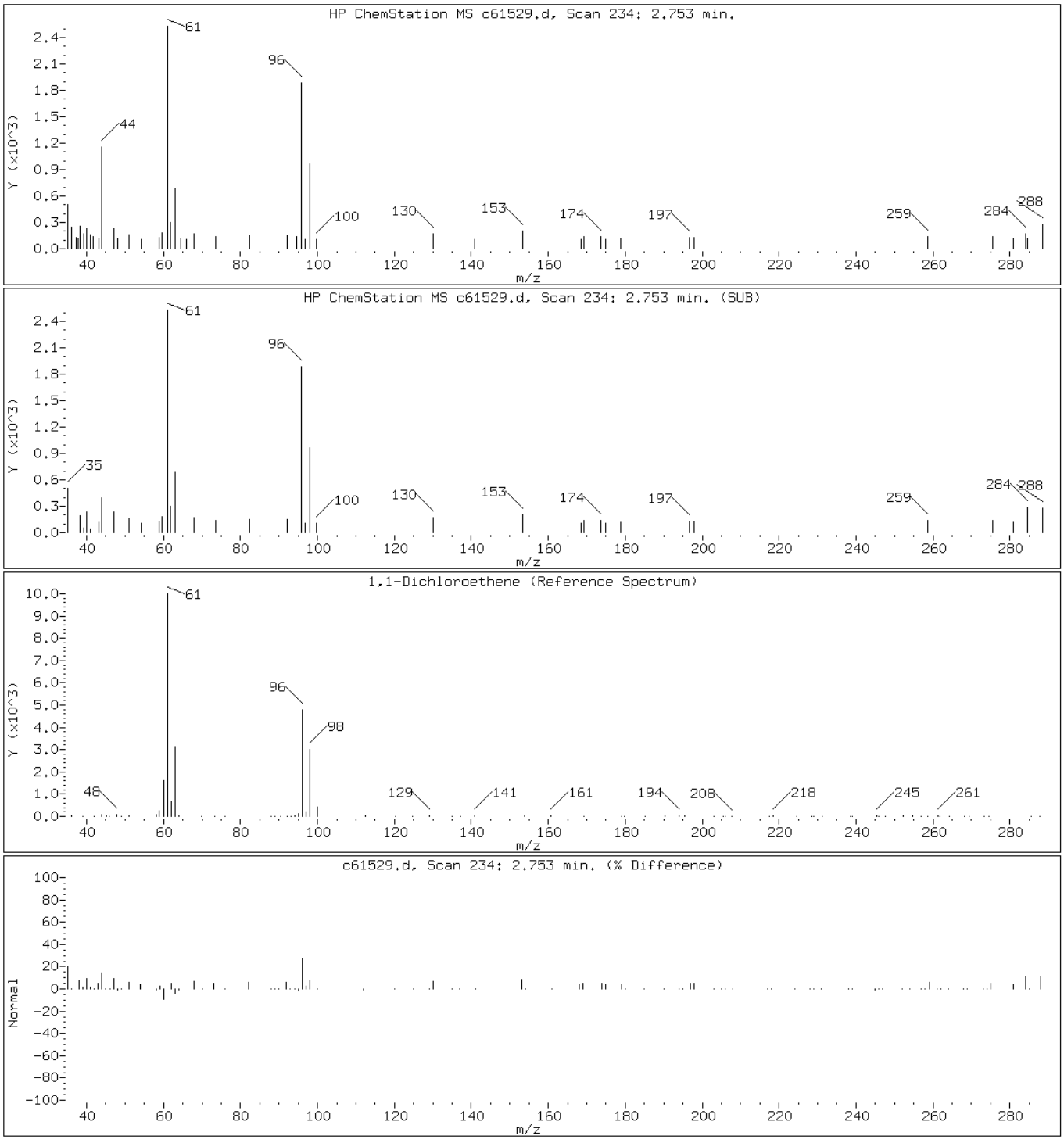
Data File: c61529.d

Date: 20-OCT-2011 01:11

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-32413-A-2 Operator:

15 1,1-Dichloroethene



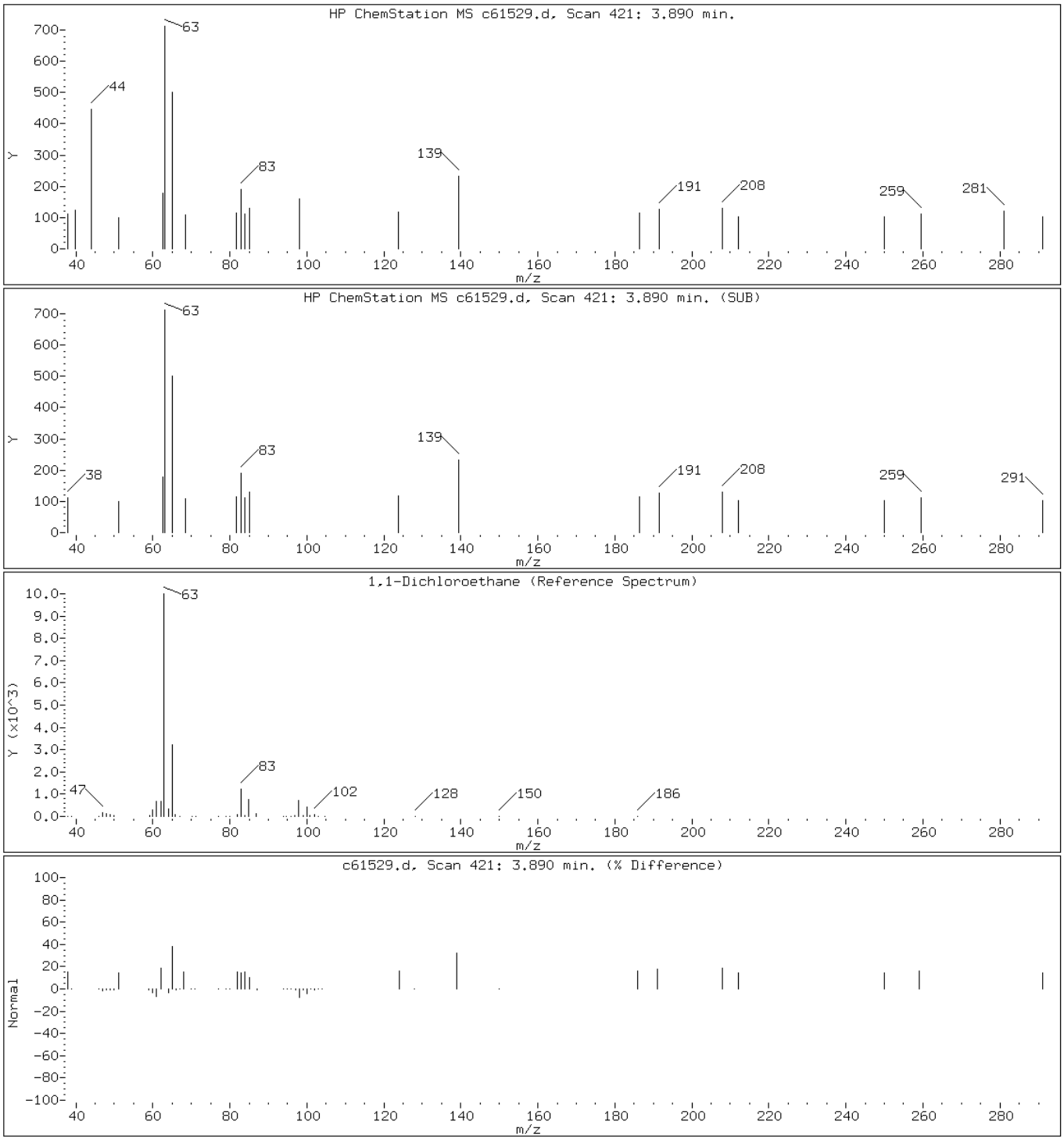
Data File: c61529.d

Date: 20-OCT-2011 01:11

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-32413-A-2 Operator:

30 1,1-Dichloroethane



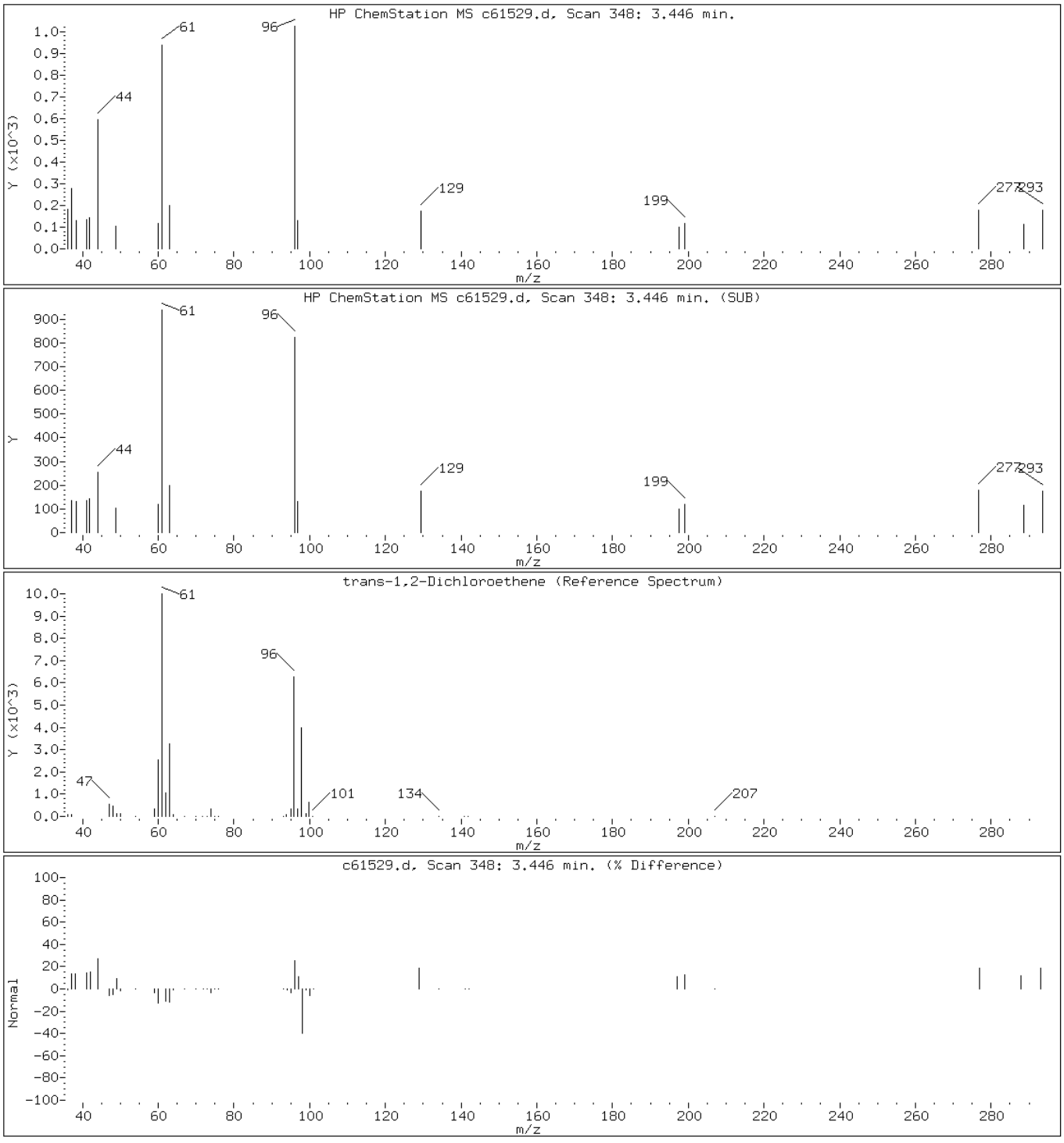
Data File: c61529.d

Date: 20-OCT-2011 01:11

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-32413-A-2 Operator:

25 trans-1,2-Dichloroethene



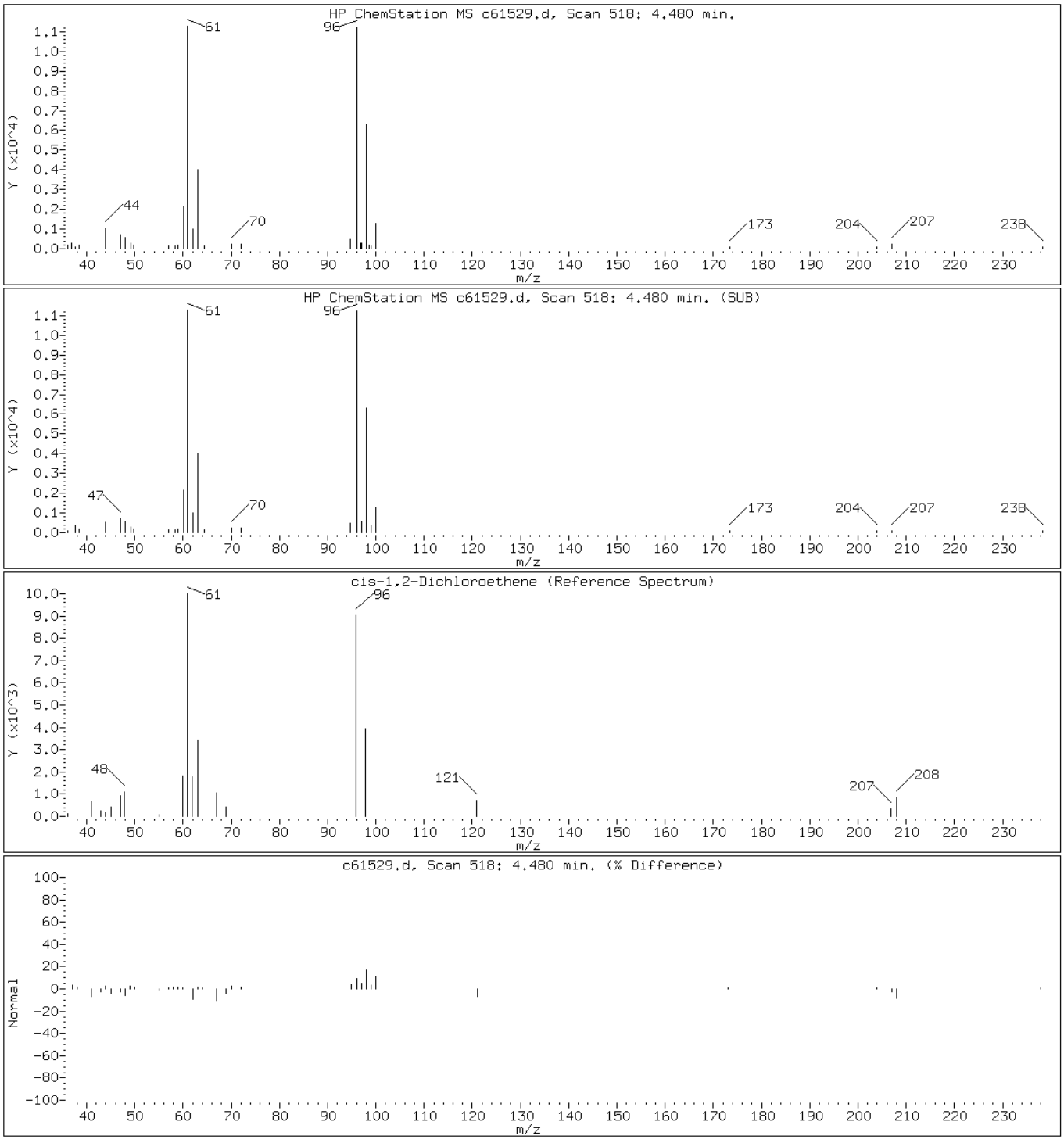
Data File: c61529.d

Date: 20-OCT-2011 01:11

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-32413-A-2 Operator:

36 cis-1,2-Dichloroethene



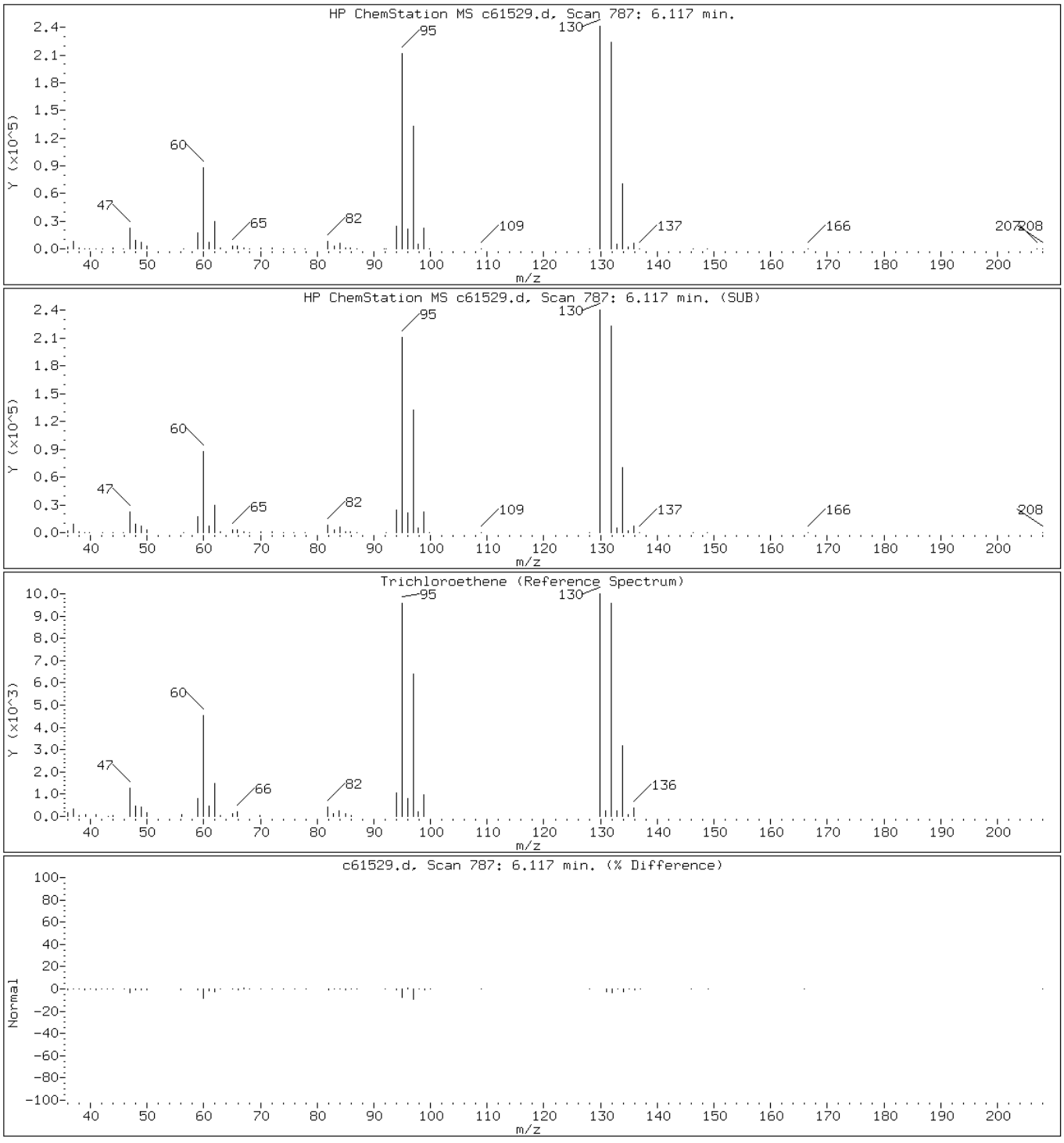
Data File: c61529.d

Date: 20-OCT-2011 01:11

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-32413-A-2 Operator:

54 Trichloroethene



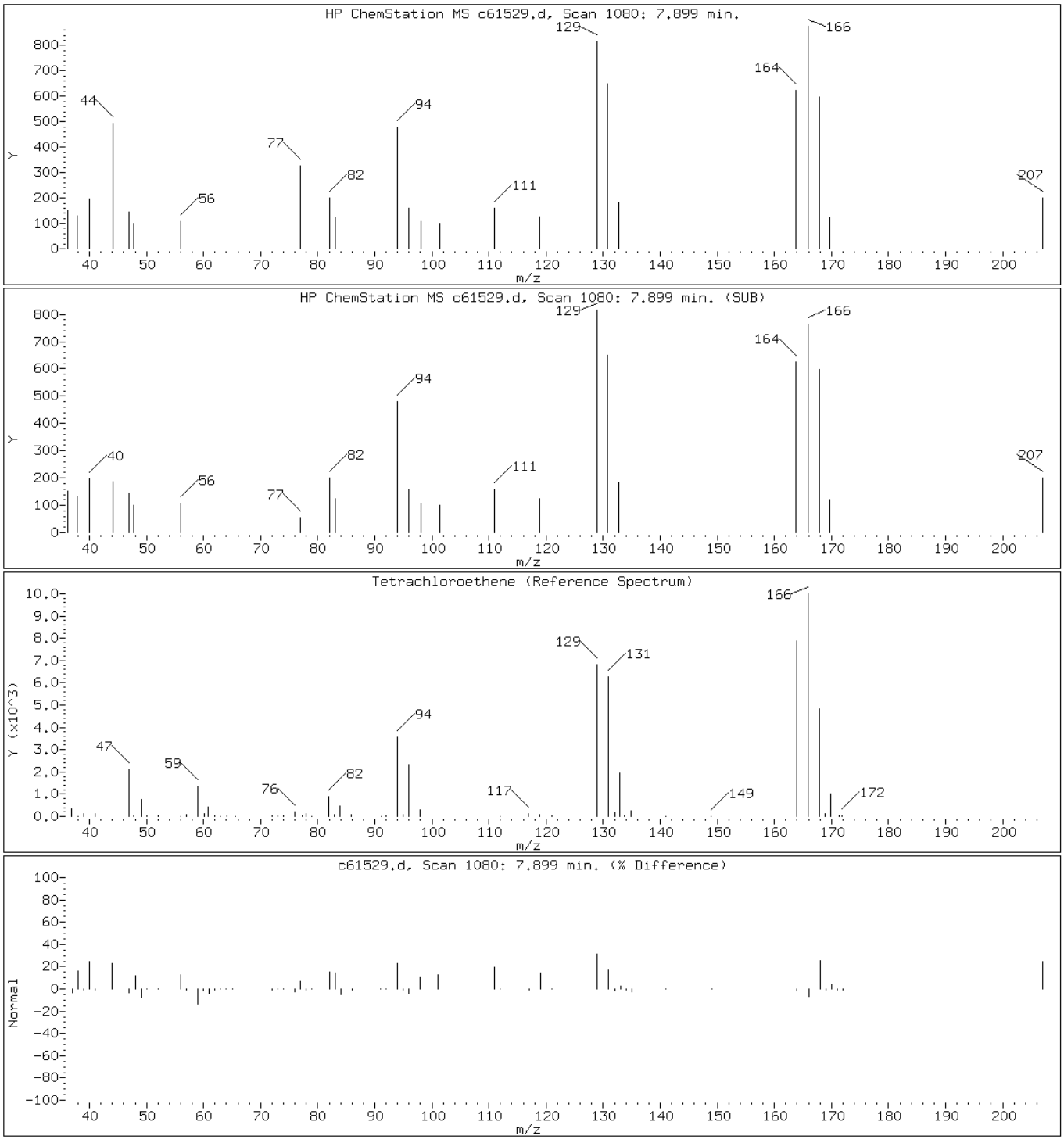
Data File: c61529.d

Date: 20-OCT-2011 01:11

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-32413-A-2 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-34I Lab Sample ID: 460-32413-3

Matrix: Water Lab File ID: c61522.d

Analysis Method: 8260B Date Collected: 10/13/2011 15:05

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2011 22:23

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.0	U	5.0	1.1
74-83-9	Bromomethane	5.0	U	5.0	1.6
75-01-4	Vinyl chloride	3.8	J	5.0	0.65
75-00-3	Chloroethane	5.0	U	5.0	2.3
75-09-2	Methylene Chloride	5.0	U	5.0	0.95
67-64-1	Acetone	50	U	50	12
75-15-0	Carbon disulfide	5.0	U	5.0	0.75
75-35-4	1,1-Dichloroethene	8.9		5.0	0.70
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.50
156-60-5	trans-1,2-Dichloroethene	2.5	J	5.0	0.70
156-59-2	cis-1,2-Dichloroethene	75		5.0	1.0
67-66-3	Chloroform	5.0	U	5.0	0.75
107-06-2	1,2-Dichloroethane	5.0	U	5.0	1.2
78-93-3	2-Butanone	50	U	50	4.1
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.3
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
75-27-4	Bromodichloromethane	5.0	U	5.0	0.47
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.55
79-01-6	Trichloroethene	1800		5.0	0.90
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.50
71-43-2	Benzene	5.0	U	5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.60
75-25-2	Bromoform	5.0	U	5.0	0.50
108-10-1	4-Methyl-2-pentanone	50	U	50	3.4
591-78-6	2-Hexanone	50	U	50	2.8
127-18-4	Tetrachloroethene	5.0	U	5.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.45
108-88-3	Toluene	5.0	U	5.0	0.45
108-90-7	Chlorobenzene	5.0	U	5.0	0.80
100-41-4	Ethylbenzene	5.0	U	5.0	1.3
100-42-5	Styrene	5.0	U	5.0	0.65
1330-20-7	Xylenes, Total	15	U	15	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-34I Lab Sample ID: 460-32413-3

Matrix: Water Lab File ID: c61522.d

Analysis Method: 8260B Date Collected: 10/13/2011 15:05

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2011 22:23

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-122
2037-26-5	Toluene-d8 (Surr)	95		69-125
460-00-4	Bromofluorobenzene	100		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61522.d
Report Date: 21-Oct-2011 10:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61522.d
Lab Smp Id: 460-32413-A-3 Client Smp ID: MW-34I
Inj Date : 19-OCT-2011 22:23
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-3;5
Misc Info : 460-32413-A-3
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 9
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
4	Vinyl Chloride	62	1.712	1.712	(0.300)	1949	0.76116	3.8(a)
15	1,1-Dichloroethene	96	2.758	2.765	(0.484)	3914	1.77822	8.9
25	trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	1215	0.49669	2.5(a)
36	cis-1,2-Dichloroethene	96	4.480	4.486	(0.786)	41168	15.0350	75
$ 47	1,2-Dichloroethane-d4 (SUR)	65	5.387	5.387	(0.945)	149644	54.1904	54
* 52	Fluorobenzene	96	5.703	5.703	(1.000)	511191	50.0000	
54	Trichloroethene	95	6.117	6.117	(1.073)	849247	356.586	1800
$ 65	Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	399985	47.5642	48
* 78	Chlorobenzene-d5	117	8.653	8.648	(1.000)	366095	50.0000	
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	148569	49.8803	50
* 108	1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	194783	50.0000	
M 120	1,2-Dichloroethene (Total)	100				42383	15.5316	78

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61522.d
Report Date: 21-Oct-2011 10:10

QC Flag Legend

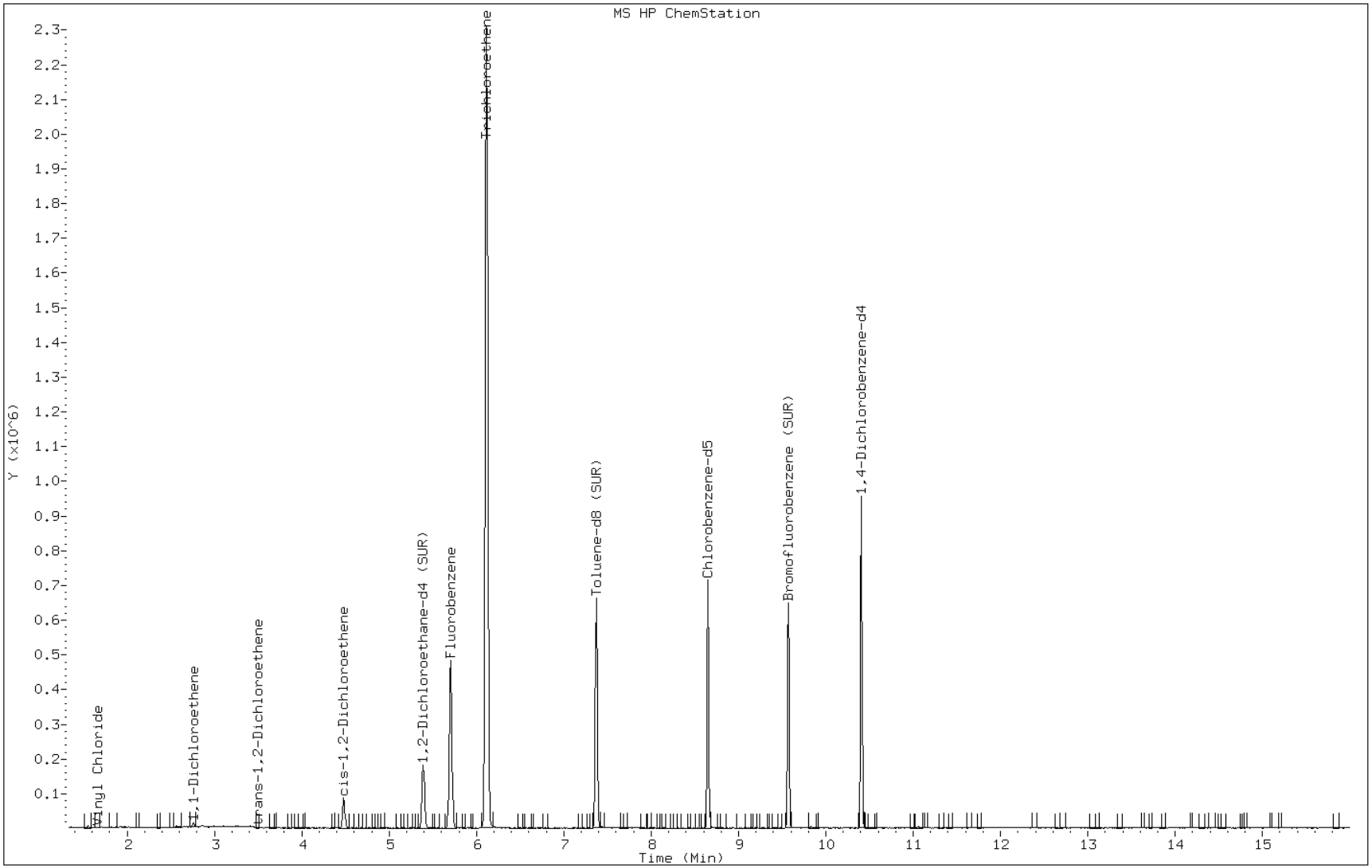
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c61522.d

Date: 19-OCT-2011 22:23

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-32413-A-3;5 Operator:



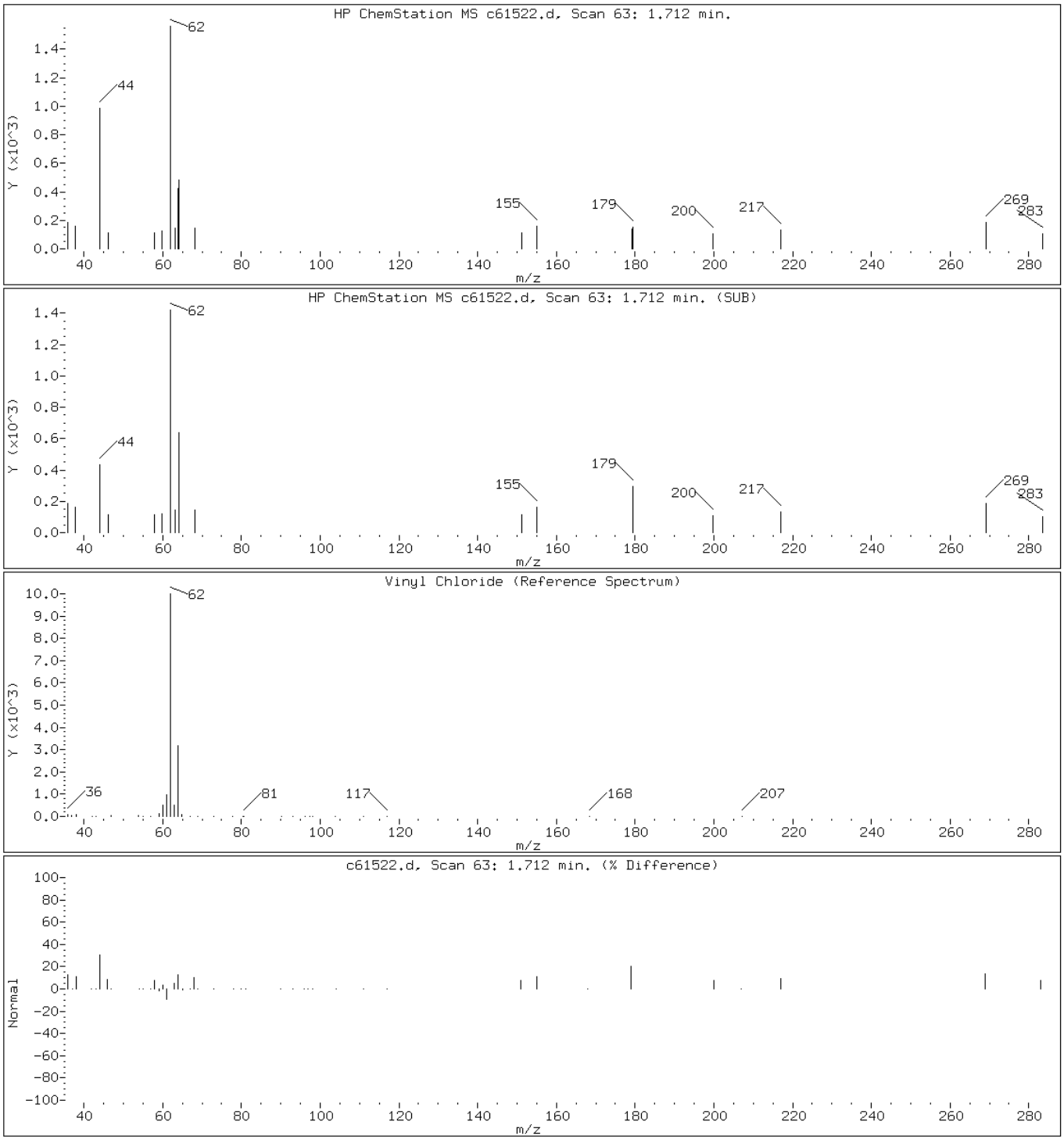
Data File: c61522.d

Date: 19-OCT-2011 22:23

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-32413-A-3;5 Operator:

4 Vinyl Chloride



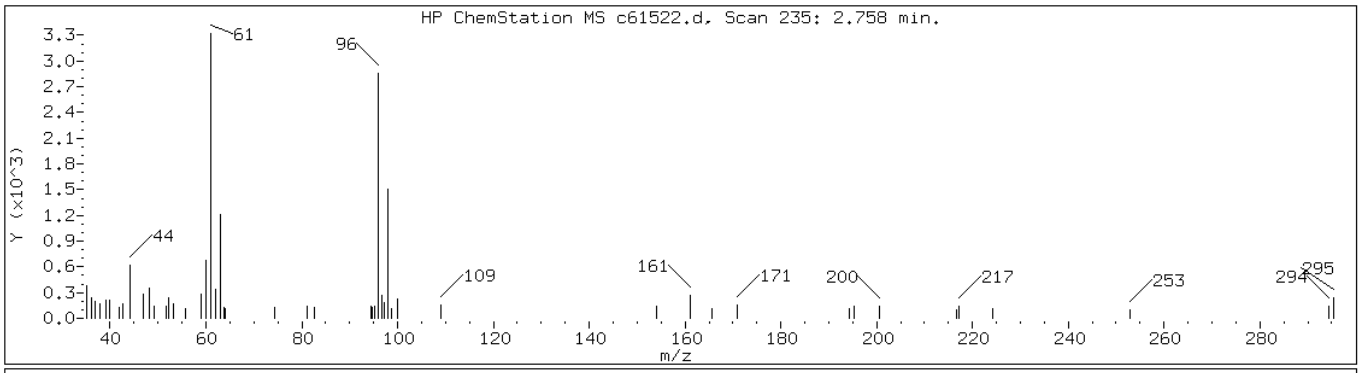
Data File: c61522.d

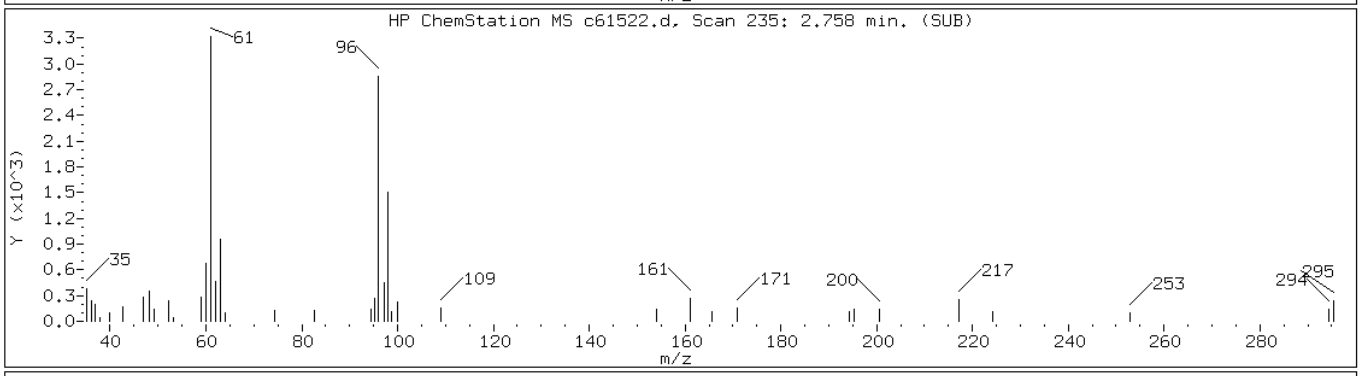
Date: 19-OCT-2011 22:23

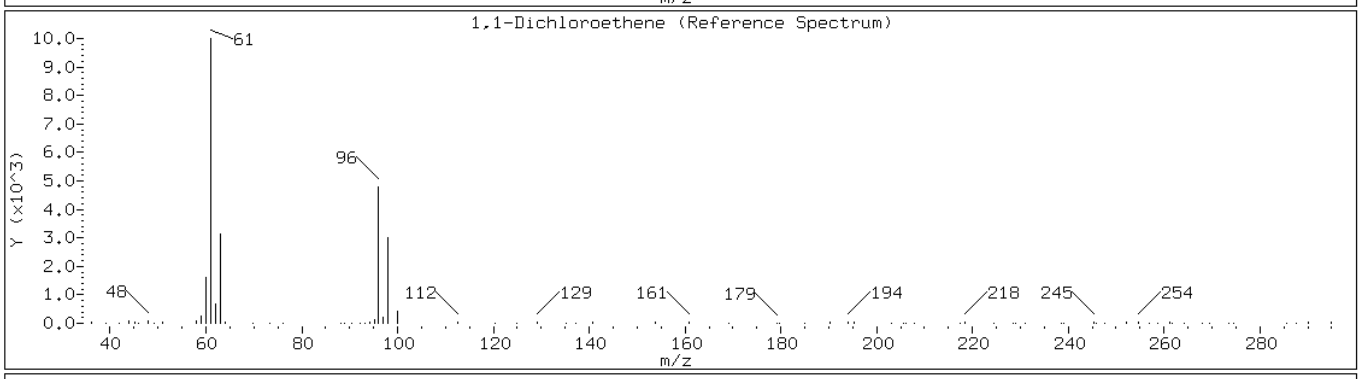
Client ID: MW-34I Instrument: VOAMS3.i

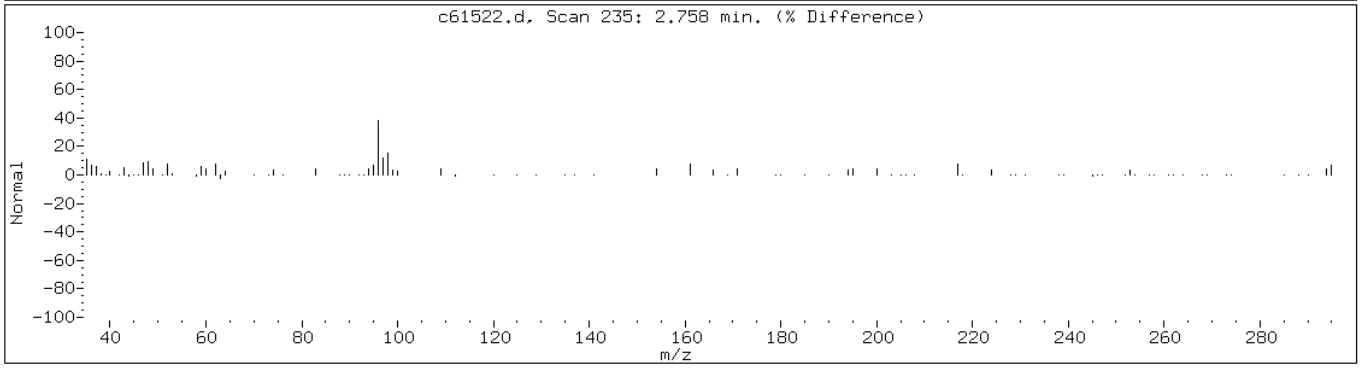
Sample Info: 460-32413-A-3;5 Operator:

15 1,1-Dichloroethene









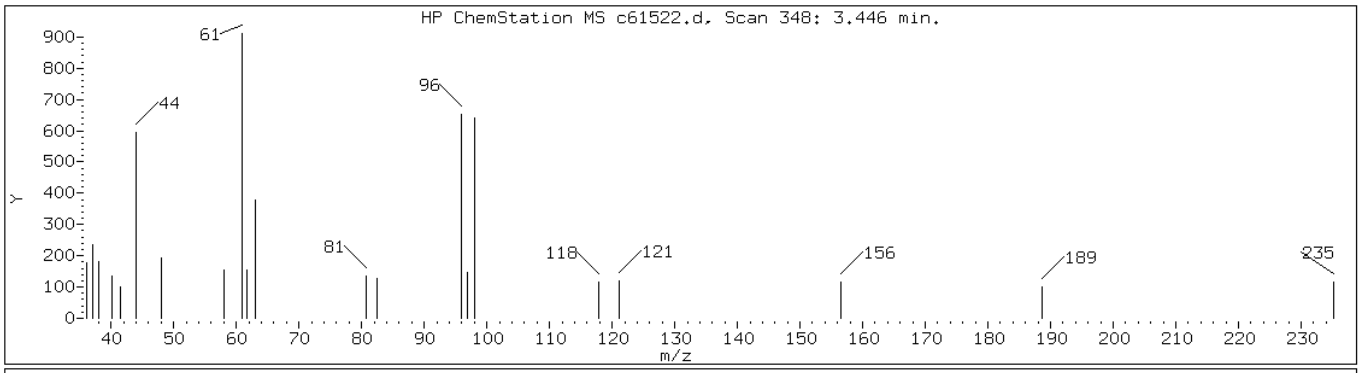
Data File: c61522.d

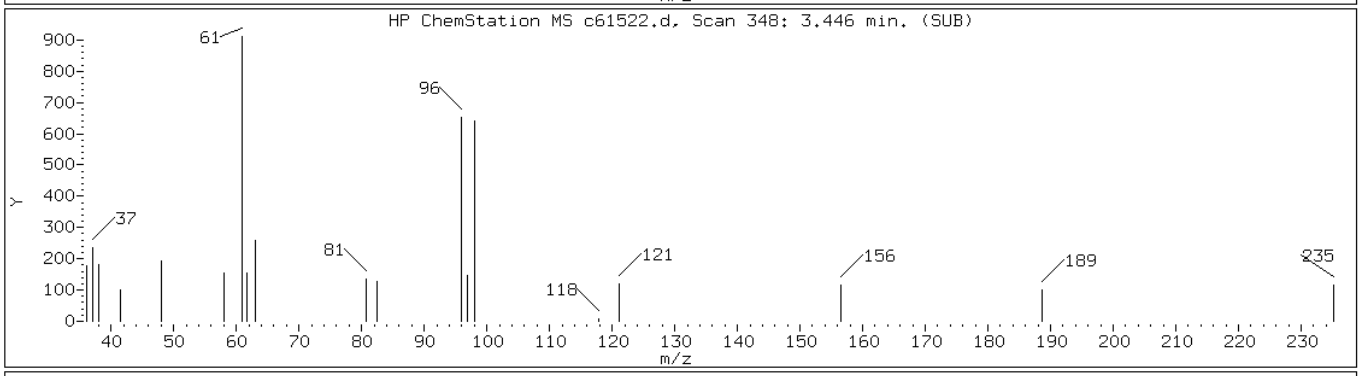
Date: 19-OCT-2011 22:23

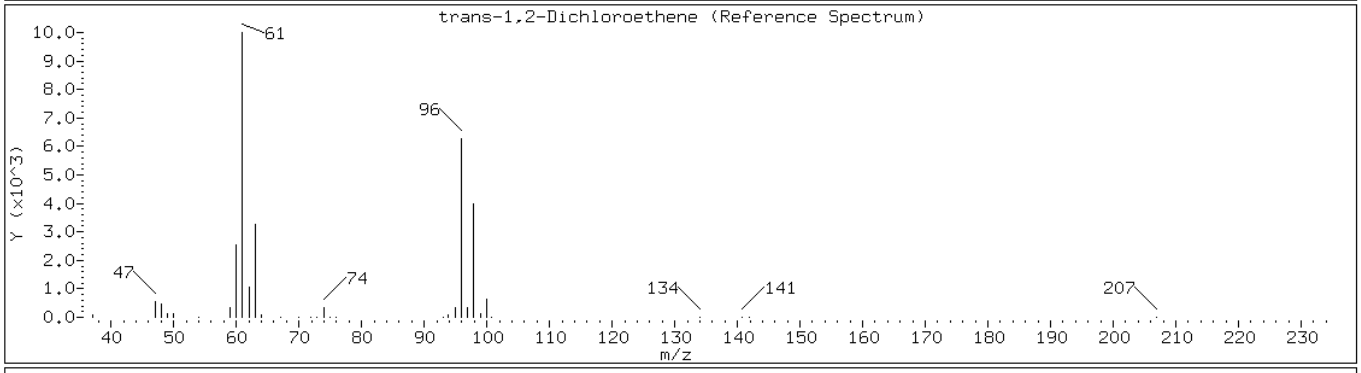
Client ID: MW-34I Instrument: VOAMS3.i

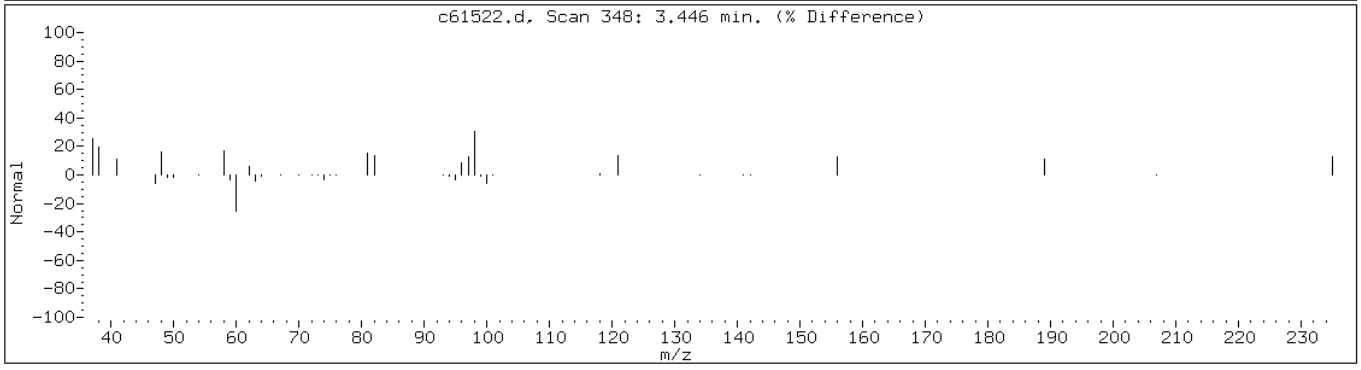
Sample Info: 460-32413-A-3;5 Operator:

25 trans-1,2-Dichloroethene









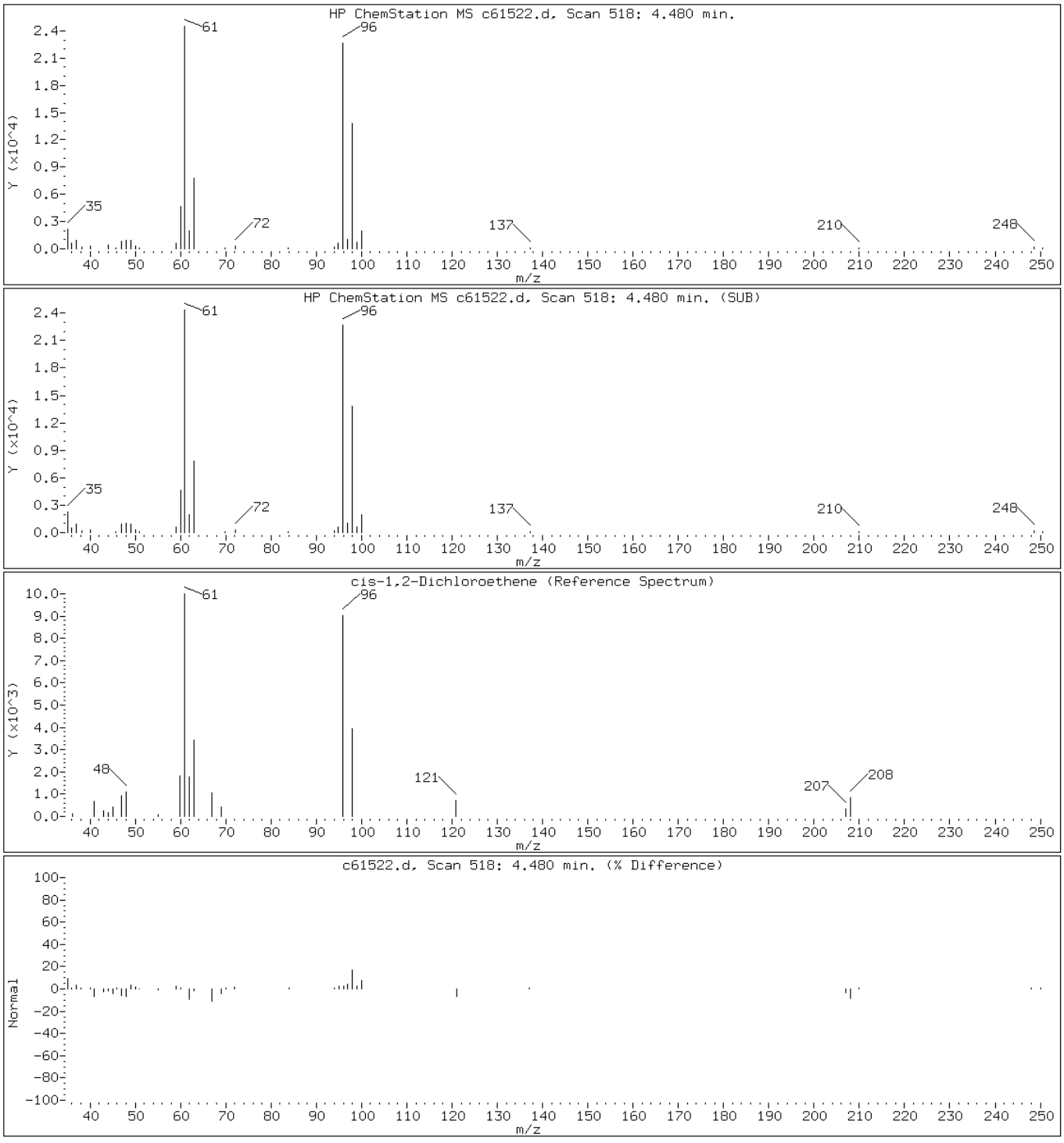
Data File: c61522.d

Date: 19-OCT-2011 22:23

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-32413-A-3;5 Operator:

36 cis-1,2-Dichloroethene



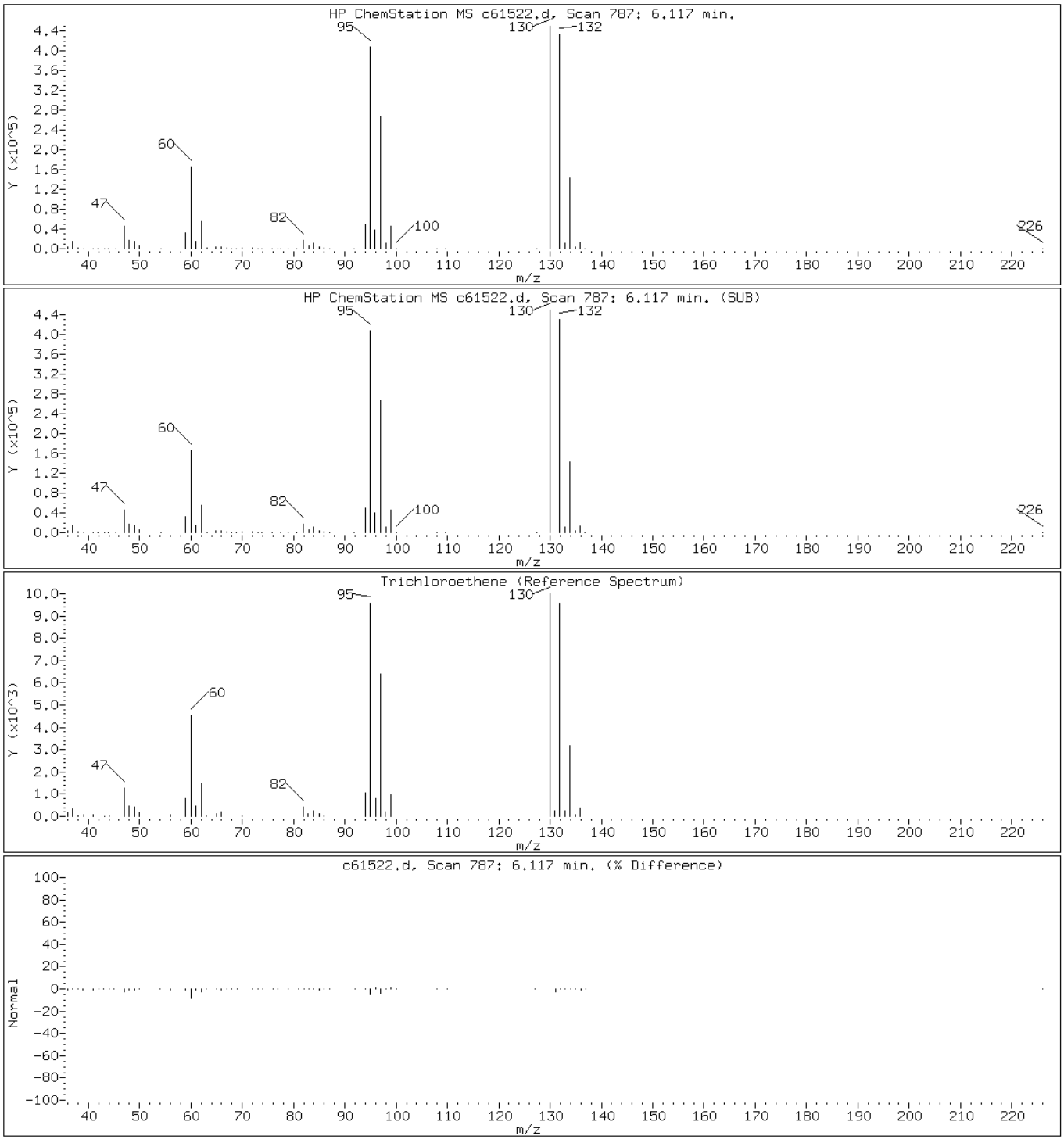
Data File: c61522.d

Date: 19-OCT-2011 22:23

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-32413-A-3;5 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-35I Lab Sample ID: 460-32413-4

Matrix: Water Lab File ID: c61544.d

Analysis Method: 8260B Date Collected: 10/13/2011 14:10

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 09:16

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90161 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.0	U	5.0	1.1
74-83-9	Bromomethane	5.0	U	5.0	1.6
75-01-4	Vinyl chloride	5.0	U	5.0	0.65
75-00-3	Chloroethane	5.0	U	5.0	2.3
75-09-2	Methylene Chloride	5.0	U	5.0	0.95
67-64-1	Acetone	50	U	50	12
75-15-0	Carbon disulfide	5.0	U	5.0	0.75
75-35-4	1,1-Dichloroethene	2.0	J	5.0	0.70
75-34-3	1,1-Dichloroethane	1.3	J	5.0	0.50
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.70
156-59-2	cis-1,2-Dichloroethene	7.2		5.0	1.0
67-66-3	Chloroform	5.0	U	5.0	0.75
107-06-2	1,2-Dichloroethane	5.0	U	5.0	1.2
78-93-3	2-Butanone	50	U	50	4.1
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.3
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
75-27-4	Bromodichloromethane	5.0	U	5.0	0.47
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.55
79-01-6	Trichloroethene	2200		5.0	0.90
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
79-00-5	1,1,2-Trichloroethane	0.99	J	5.0	0.50
71-43-2	Benzene	5.0	U	5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.60
75-25-2	Bromoform	5.0	U	5.0	0.50
108-10-1	4-Methyl-2-pentanone	50	U	50	3.4
591-78-6	2-Hexanone	50	U	50	2.8
127-18-4	Tetrachloroethene	5.0	U	5.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.45
108-88-3	Toluene	5.0	U	5.0	0.45
108-90-7	Chlorobenzene	5.0	U	5.0	0.80
100-41-4	Ethylbenzene	5.0	U	5.0	1.3
100-42-5	Styrene	5.0	U	5.0	0.65
1330-20-7	Xylenes, Total	15	U	15	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-35I Lab Sample ID: 460-32413-4

Matrix: Water Lab File ID: c61544.d

Analysis Method: 8260B Date Collected: 10/13/2011 14:10

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 09:16

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90161 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-122
2037-26-5	Toluene-d8 (Surr)	97		69-125
460-00-4	Bromofluorobenzene	101		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61544.d
Report Date: 20-Oct-2011 12:04

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61544.d
Lab Smp Id: 460-32413-A-4 Client Smp ID: MW-35I
Inj Date : 20-OCT-2011 09:16
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-4;5
Misc Info : 460-32413-A-4
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/8260_09.m
Meth Date : 20-Oct-2011 07:49 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 6
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 1,1-Dichloroethene	96	2.759	2.759	(0.484)	958	0.40400	2.0(a)
	30 1,1-Dichloroethane	63	3.890	3.896	(0.682)	1115	0.25268	1.3(a)
	36 cis-1,2-Dichloroethene	96	4.474	4.480	(0.785)	4219	1.43020	7.2
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.387	5.393	(0.945)	157873	53.0661	53
*	52 Fluorobenzene	96	5.703	5.709	(1.000)	550728	50.0000	
	54 Trichloroethene	95	6.117	6.117	(1.073)	1110322	432.738	2200
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	415922	48.4866	48
	69 1,1,2-Trichloroethane	83	7.875	7.875	(0.910)	357	0.19873	0.99(a)
*	78 Chlorobenzene-d5	117	8.654	8.654	(1.000)	373440	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	154471	50.4168	50
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	200366	50.0000	
M	120 1,2-Dichloroethene (Total)	100				4219	1.43020	7.2

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61544.d
Report Date: 20-Oct-2011 12:04

QC Flag Legend

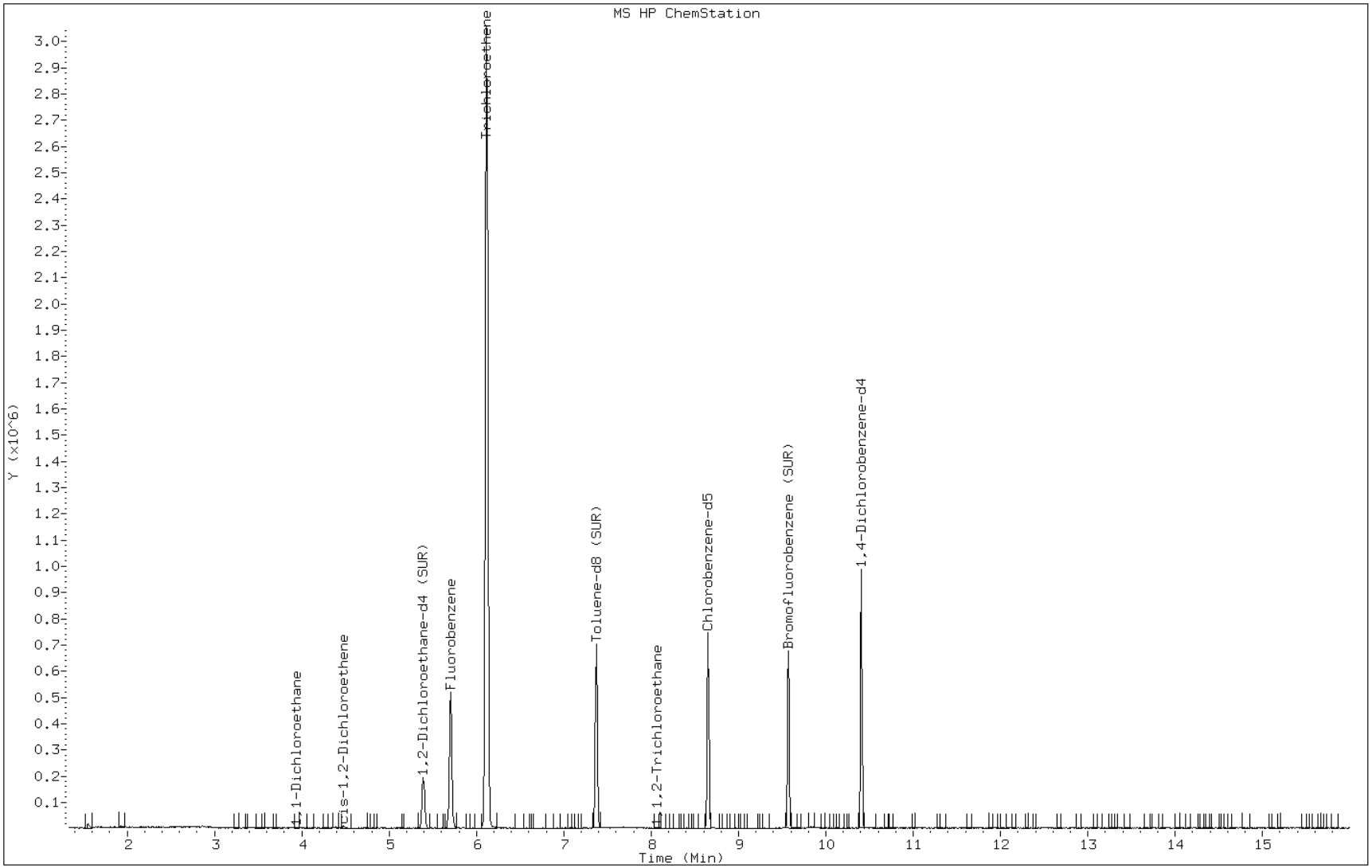
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c61544.d

Date: 20-OCT-2011 09:16

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-32413-A-4;5 Operator:



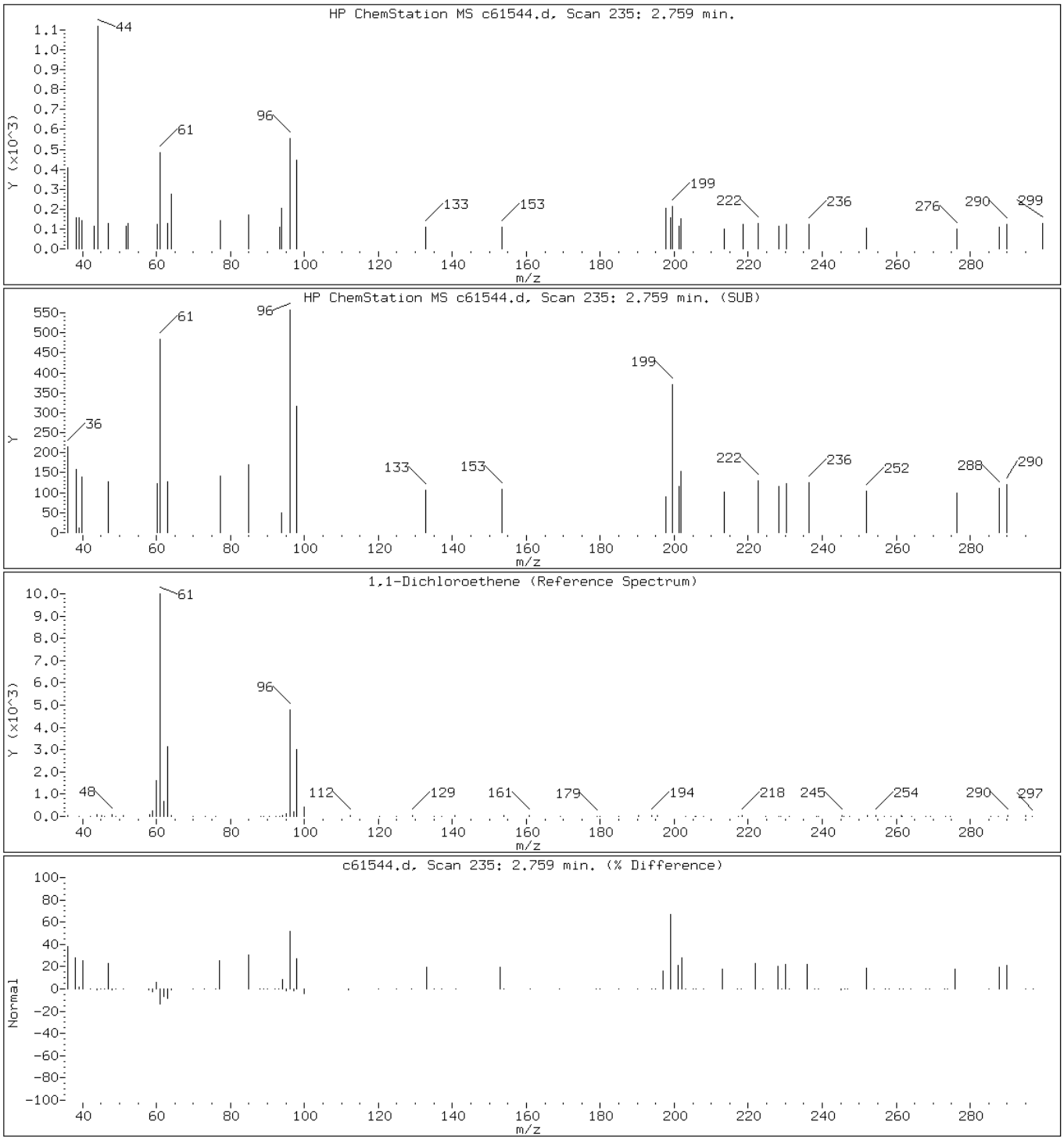
Data File: c61544.d

Date: 20-OCT-2011 09:16

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-32413-A-4;5 Operator:

15 1,1-Dichloroethene



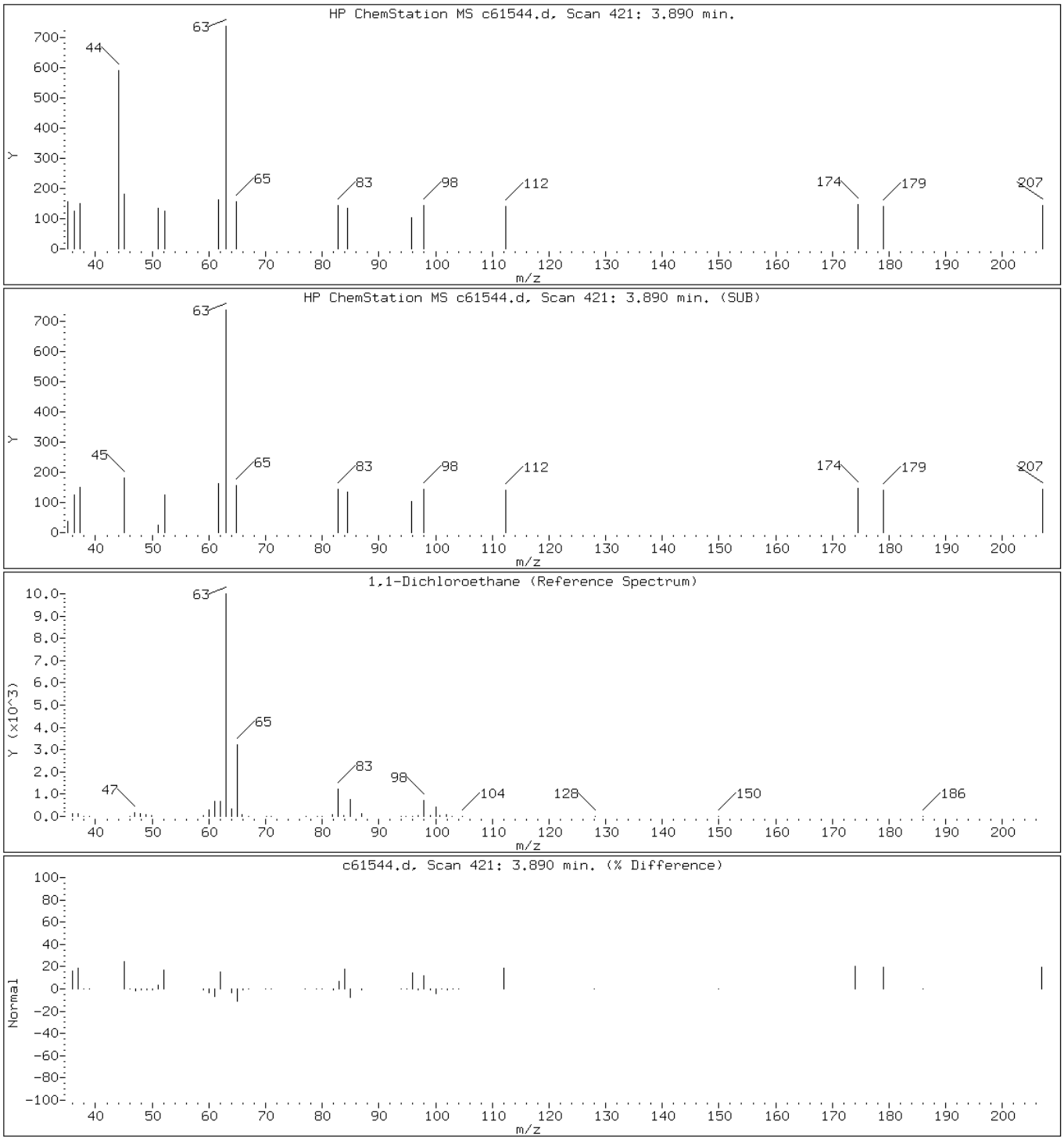
Data File: c61544.d

Date: 20-OCT-2011 09:16

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-32413-A-4;5 Operator:

30 1,1-Dichloroethane



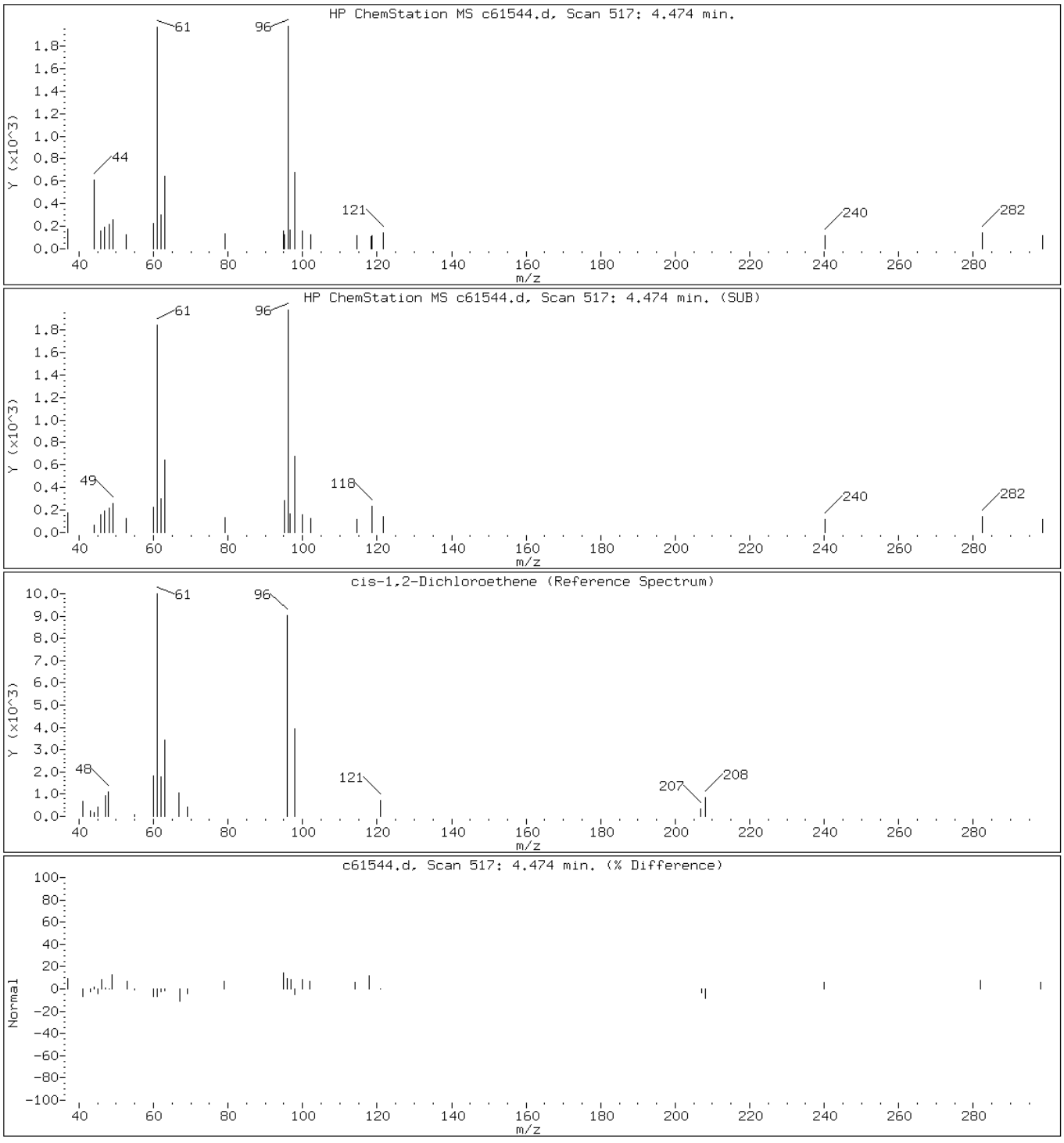
Data File: c61544.d

Date: 20-OCT-2011 09:16

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-32413-A-4;5 Operator:

36 cis-1,2-Dichloroethene



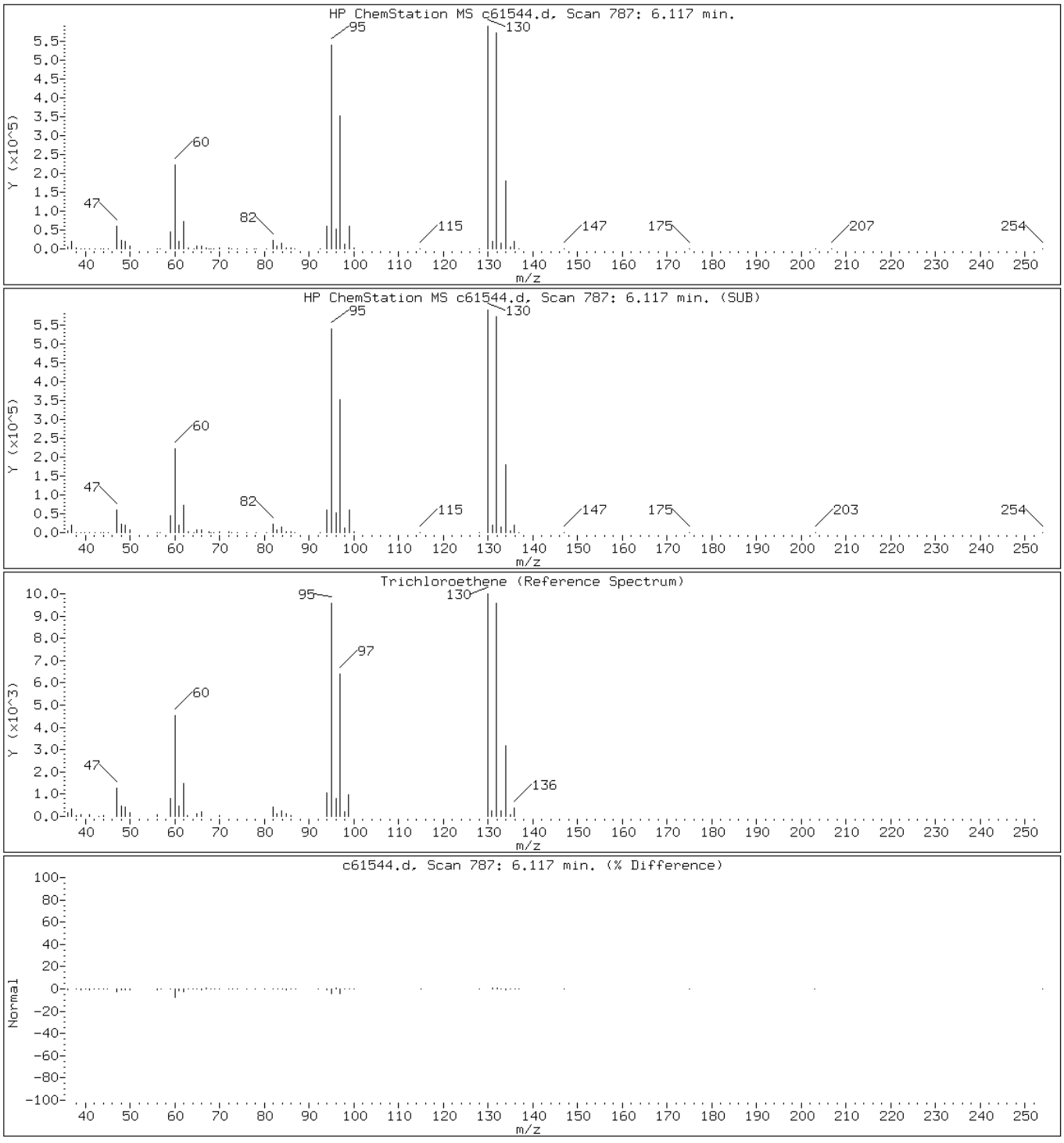
Data File: c61544.d

Date: 20-OCT-2011 09:16

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-32413-A-4;5 Operator:

54 Trichloroethene



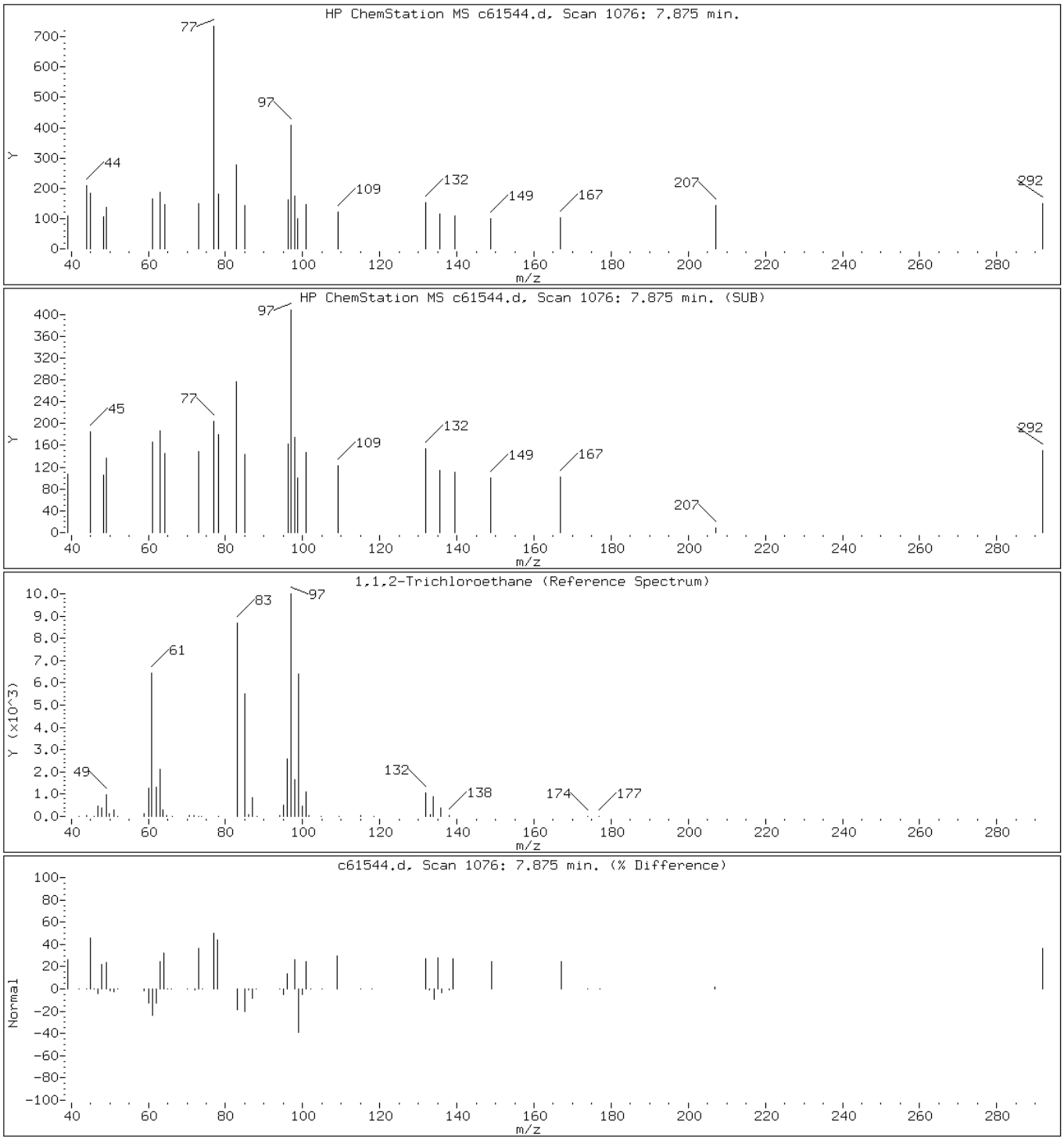
Data File: c61544.d

Date: 20-OCT-2011 09:16

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-32413-A-4;5 Operator:

69 1,1,2-Trichloroethane



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: FB-101311 Lab Sample ID: 460-32413-5

Matrix: Water Lab File ID: c61527.d

Analysis Method: 8260B Date Collected: 10/13/2011 15:10

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: FB-101311 Lab Sample ID: 460-32413-5

Matrix: Water Lab File ID: c61527.d

Analysis Method: 8260B Date Collected: 10/13/2011 15:10

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 00:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-122
2037-26-5	Toluene-d8 (Surr)	99		69-125
460-00-4	Bromofluorobenzene	101		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61527.d
Report Date: 21-Oct-2011 10:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61527.d
Lab Smp Id: 460-32413-A-5 Client Smp ID: FB-101311
Inj Date : 20-OCT-2011 00:23
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-5
Misc Info : 460-32413-A-5
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

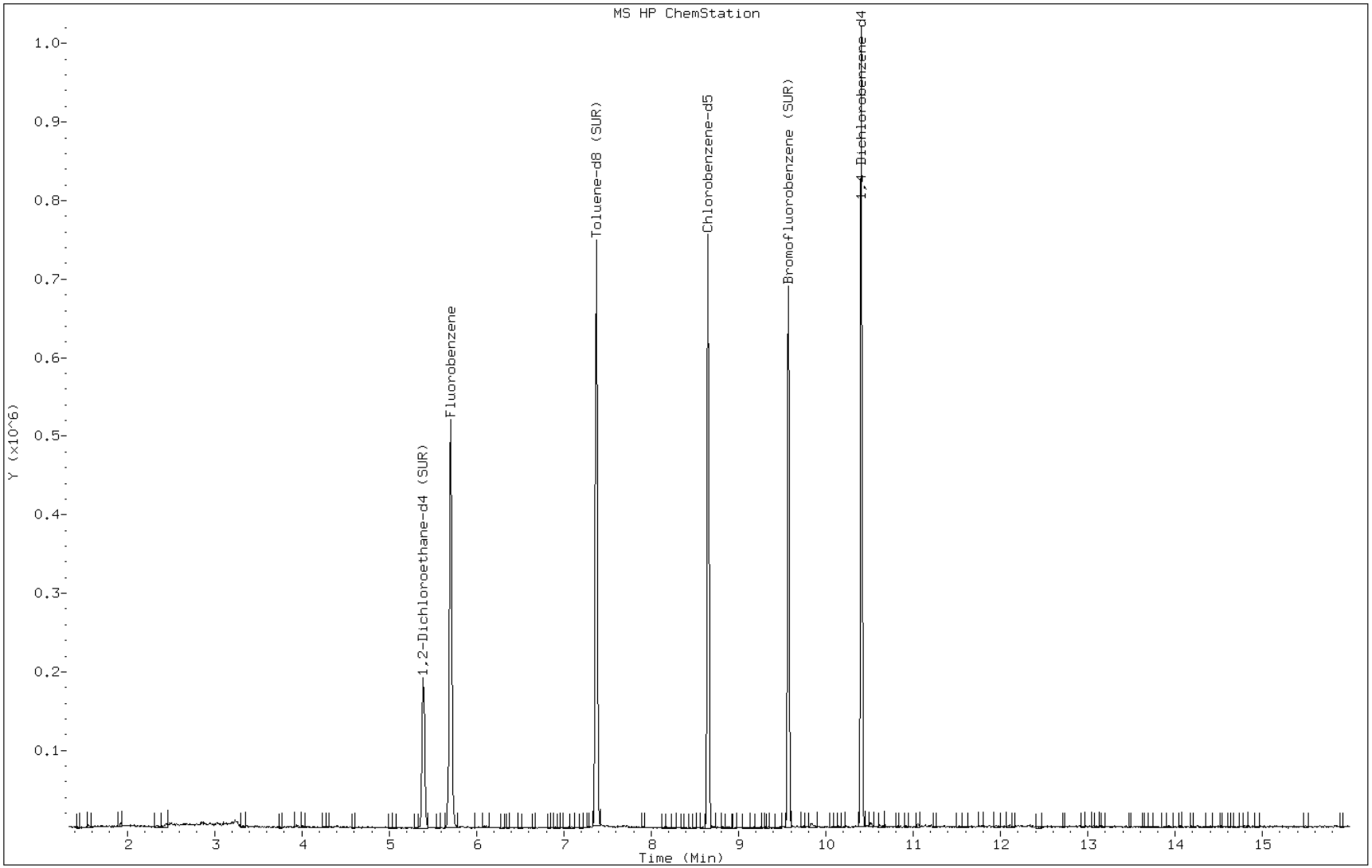
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.387	(0.946)	153817	51.5378	52
* 52 Fluorobenzene	96	5.703	5.703	(1.000)	552491	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	440481	49.7078	50
* 78 Chlorobenzene-d5	117	8.653	8.648	(1.000)	385774	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	161076	50.2838	50
* 108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	209486	50.0000	

Data File: c61527.d

Date: 20-OCT-2011 00:23

Client ID: FB-101311 Instrument: VOAMS3.i

Sample Info: 460-32413-A-5 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-32413-6

Matrix: Water Lab File ID: c61528.d

Analysis Method: 8260B Date Collected: 10/13/2011 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 00:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Trip Blank Lab Sample ID: 460-32413-6

Matrix: Water Lab File ID: c61528.d

Analysis Method: 8260B Date Collected: 10/13/2011 00:00

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 00:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-122
2037-26-5	Toluene-d8 (Surr)	97		69-125
460-00-4	Bromofluorobenzene	100		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61528.d
Report Date: 21-Oct-2011 10:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61528.d
Lab Smp Id: 460-32413-A-6 Client Smp ID: Trip Blank
Inj Date : 20-OCT-2011 00:47
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-6
Misc Info : 460-32413-A-6
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	7 Trichlorofluoromethane	101	2.290	2.290	(0.402)	5553	1.24404	1.2
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.387	(0.946)	156780	53.1881	53
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	545661	50.0000	
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	438069	48.6347	49
*	78 Chlorobenzene-d5	117	8.654	8.648	(1.000)	392127	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	159772	50.1795	50
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	208222	50.0000	

Data File: c61528.d

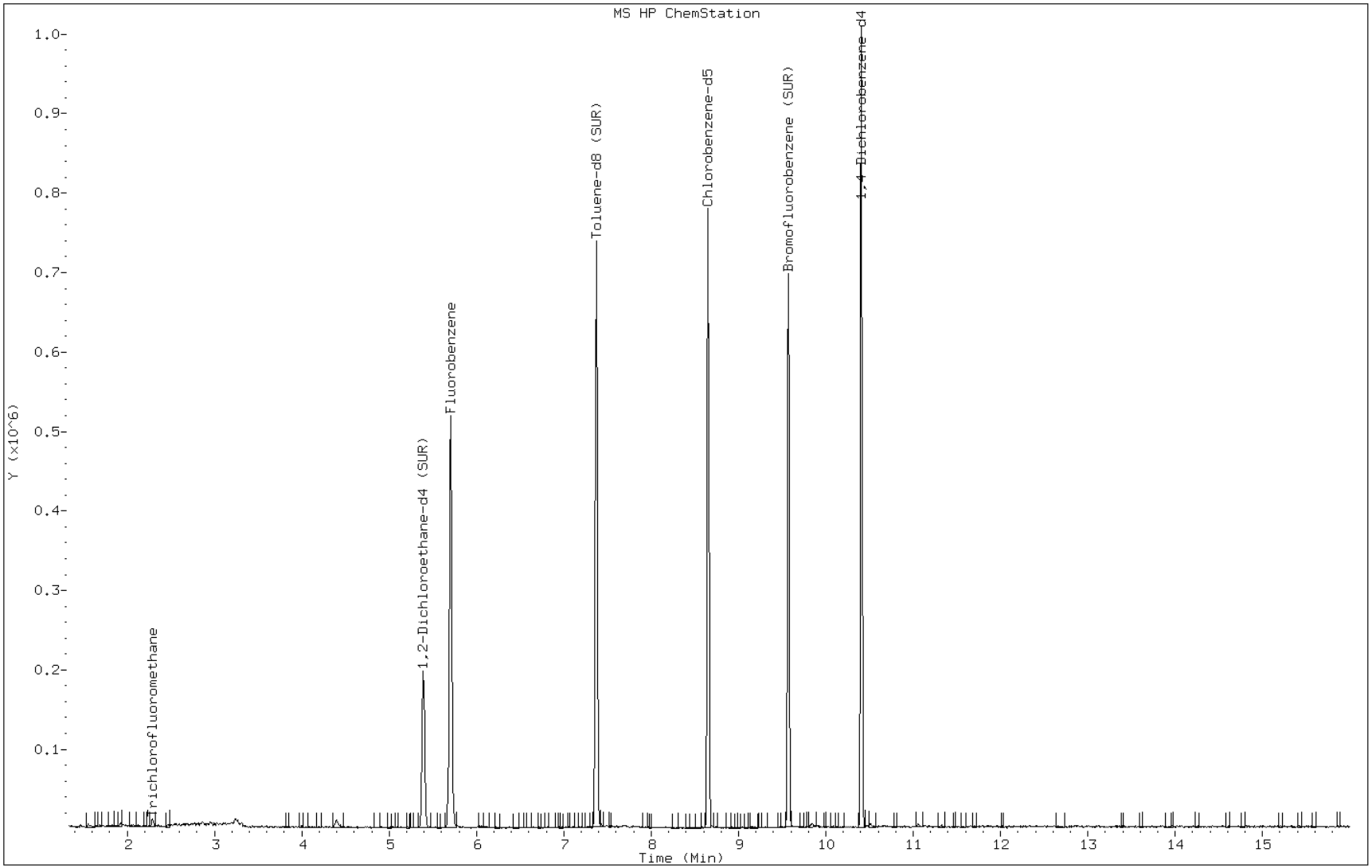
Date: 20-OCT-2011 00:47

Client ID: Trip Blank

Instrument: VOAMS3.i

Sample Info: 460-32413-A-6

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Dup-101311 Lab Sample ID: 460-32413-7

Matrix: Water Lab File ID: c61591.d

Analysis Method: 8260B Date Collected: 10/13/2011 12:00

Sample wt/vol: 5(mL) Date Analyzed: 10/21/2011 04:57

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90279 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	5.0	U	5.0	1.1
74-83-9	Bromomethane	5.0	U	5.0	1.6
75-01-4	Vinyl chloride	5.0	U	5.0	0.65
75-00-3	Chloroethane	5.0	U	5.0	2.3
75-09-2	Methylene Chloride	5.0	U	5.0	0.95
67-64-1	Acetone	50	U	50	12
75-15-0	Carbon disulfide	5.0	U	5.0	0.75
75-35-4	1,1-Dichloroethene	4.2	J	5.0	0.70
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.50
156-60-5	trans-1,2-Dichloroethene	2.9	J	5.0	0.70
156-59-2	cis-1,2-Dichloroethene	76		5.0	1.0
67-66-3	Chloroform	5.0	U	5.0	0.75
107-06-2	1,2-Dichloroethane	5.0	U	5.0	1.2
78-93-3	2-Butanone	50	U	50	4.1
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	1.3
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.95
75-27-4	Bromodichloromethane	5.0	U	5.0	0.47
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.55
79-01-6	Trichloroethene	850		5.0	0.90
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.50
71-43-2	Benzene	5.0	U	5.0	0.65
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.60
75-25-2	Bromoform	5.0	U	5.0	0.50
108-10-1	4-Methyl-2-pentanone	50	U	50	3.4
591-78-6	2-Hexanone	50	U	50	2.8
127-18-4	Tetrachloroethene	5.0	U	5.0	1.0
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.45
108-88-3	Toluene	5.0	U	5.0	0.45
108-90-7	Chlorobenzene	5.0	U	5.0	0.80
100-41-4	Ethylbenzene	5.0	U	5.0	1.3
100-42-5	Styrene	5.0	U	5.0	0.65
1330-20-7	Xylenes, Total	15	U	15	2.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Dup-101311 Lab Sample ID: 460-32413-7

Matrix: Water Lab File ID: c61591.d

Analysis Method: 8260B Date Collected: 10/13/2011 12:00

Sample wt/vol: 5(mL) Date Analyzed: 10/21/2011 04:57

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90279 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-122
2037-26-5	Toluene-d8 (Surr)	95		69-125
460-00-4	Bromofluorobenzene	95		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61591.d
Report Date: 21-Oct-2011 12:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61591.d
Lab Smp Id: 460-32413-B-7 Client Smp ID: Dup-101311
Inj Date : 21-OCT-2011 04:57
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-B-7;5
Misc Info : 460-32413-B-7
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/8260_09.m
Meth Date : 21-Oct-2011 05:58 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 22
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 1,1-Dichloroethene	96	2.752	2.752	(0.483)	2079	0.83960	4.2(a)
	25 trans-1,2-Dichloroethene	96	3.440	3.446	(0.603)	1574	0.57196	2.8(a)
	36 cis-1,2-Dichloroethene	96	4.480	4.480	(0.786)	46518	15.1013	76
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.387	5.393	(0.945)	164693	53.0139	53
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	575085	50.0000	
	54 Trichloroethene	95	6.111	6.117	(1.071)	455181	169.889	850
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	434911	47.5654	48
*	78 Chlorobenzene-d5	117	8.647	8.647	(1.000)	398052	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	160776	47.7050	48
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	220399	50.0000	
M	120 1,2-Dichloroethene (Total)	100				48092	15.6733	78

QC Flag Legend

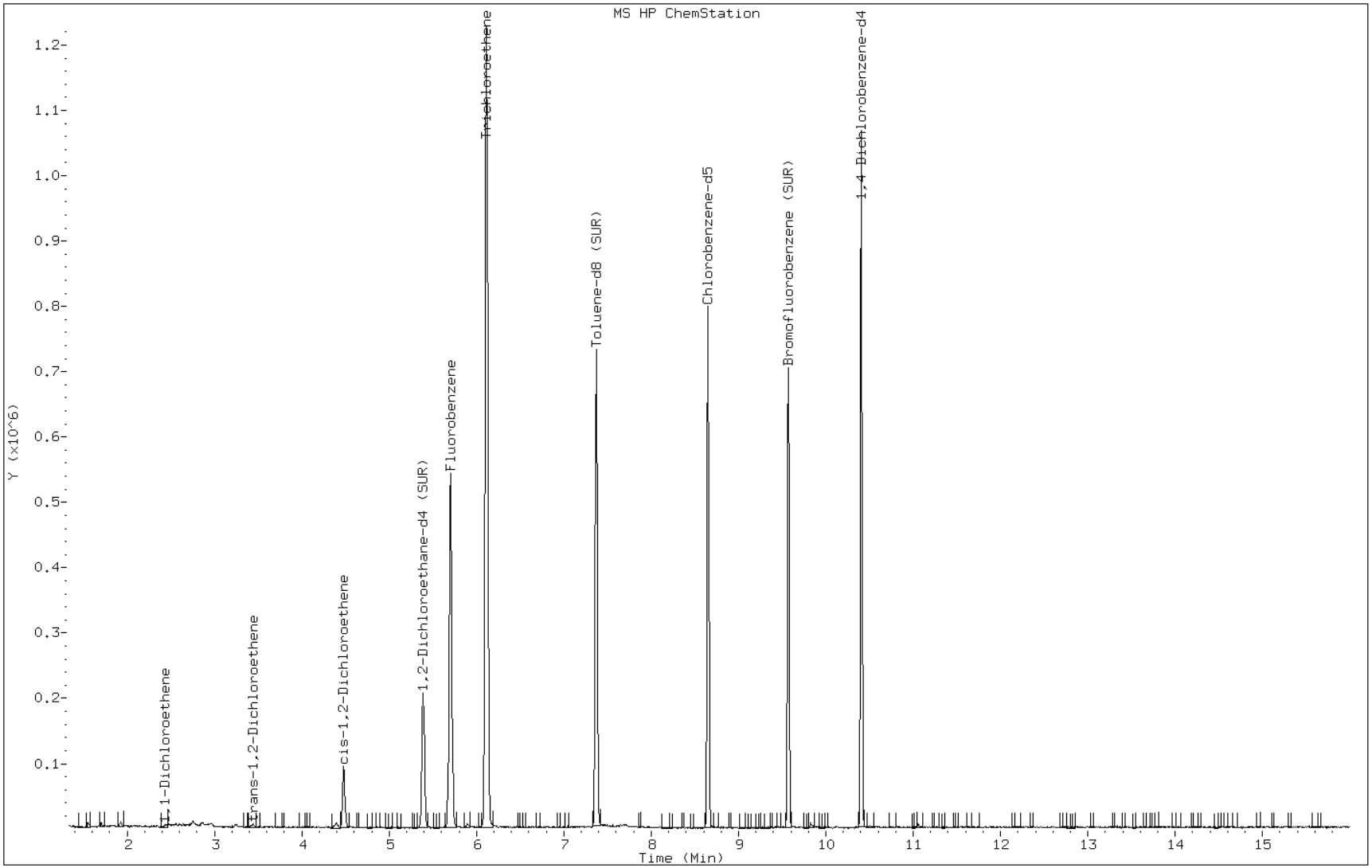
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61591.d

Date: 21-OCT-2011 04:57

Client ID: Dup-101311 Instrument: VOAMS3.i

Sample Info: 460-32413-B-7;5 Operator:



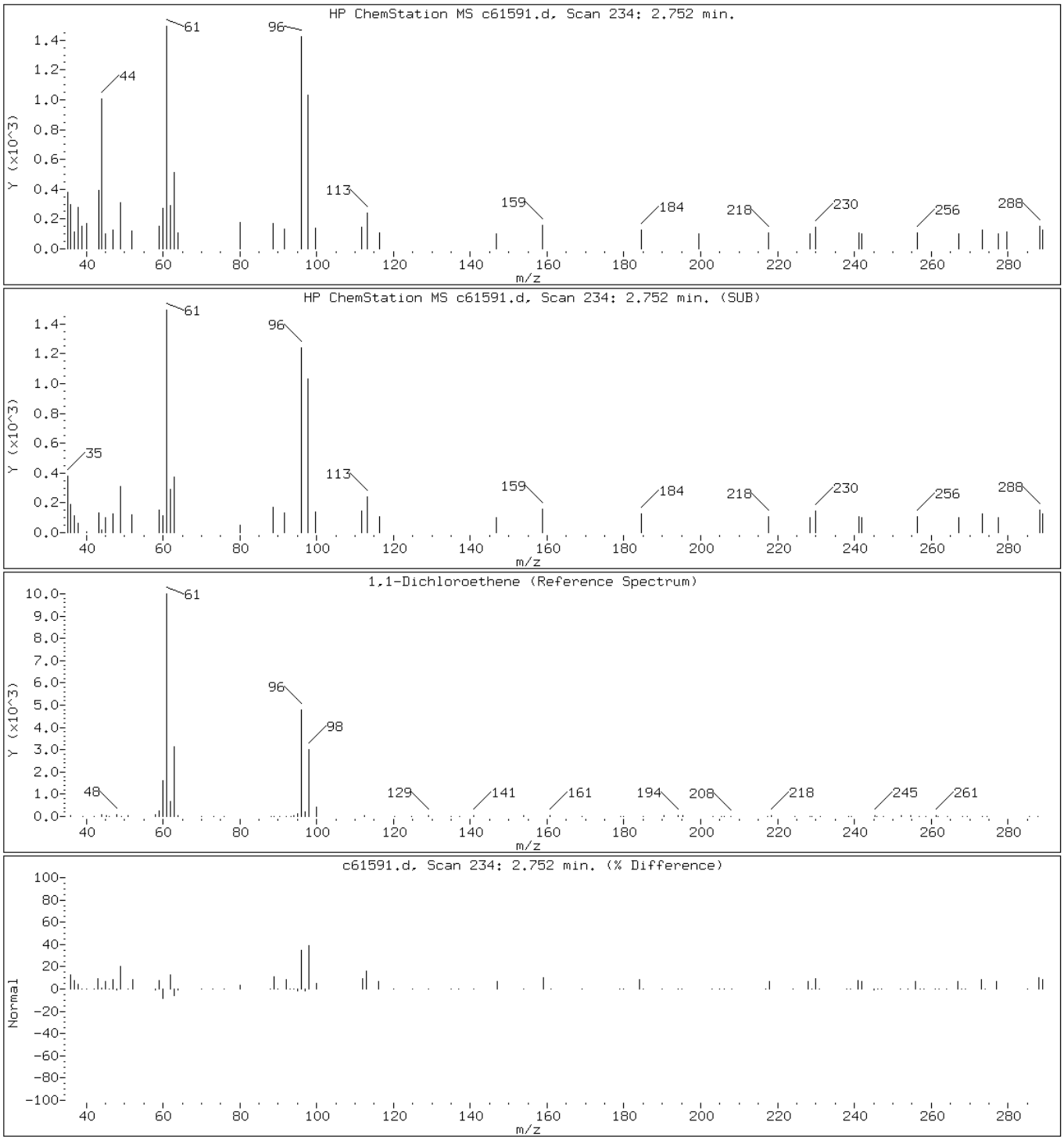
Data File: c61591.d

Date: 21-OCT-2011 04:57

Client ID: Dup-101311 Instrument: VOAMS3.i

Sample Info: 460-32413-B-7;5 Operator:

15 1,1-Dichloroethene



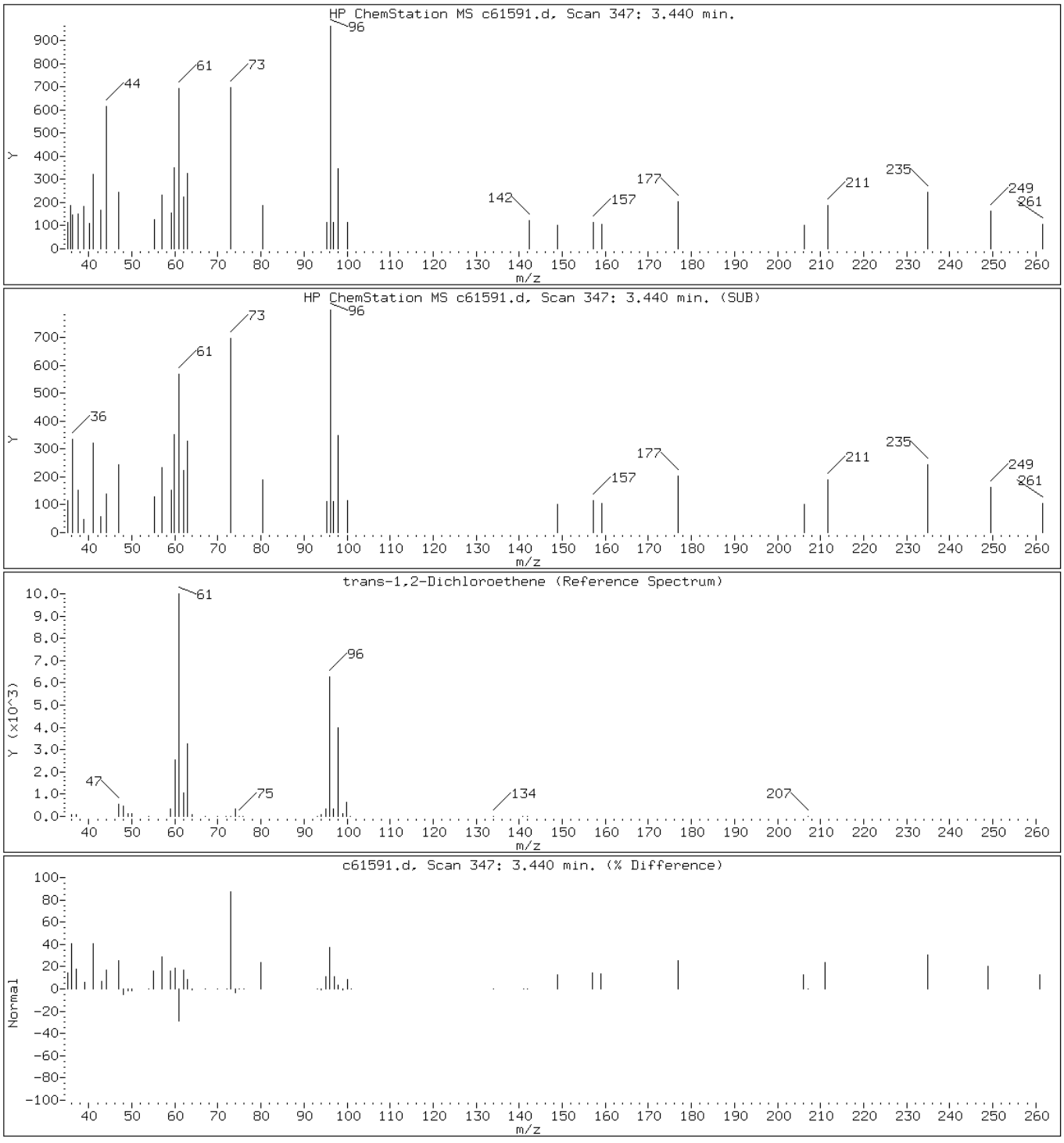
Data File: c61591.d

Date: 21-OCT-2011 04:57

Client ID: Dup-101311 Instrument: VOAMS3.i

Sample Info: 460-32413-B-7;5 Operator:

25 trans-1,2-Dichloroethene



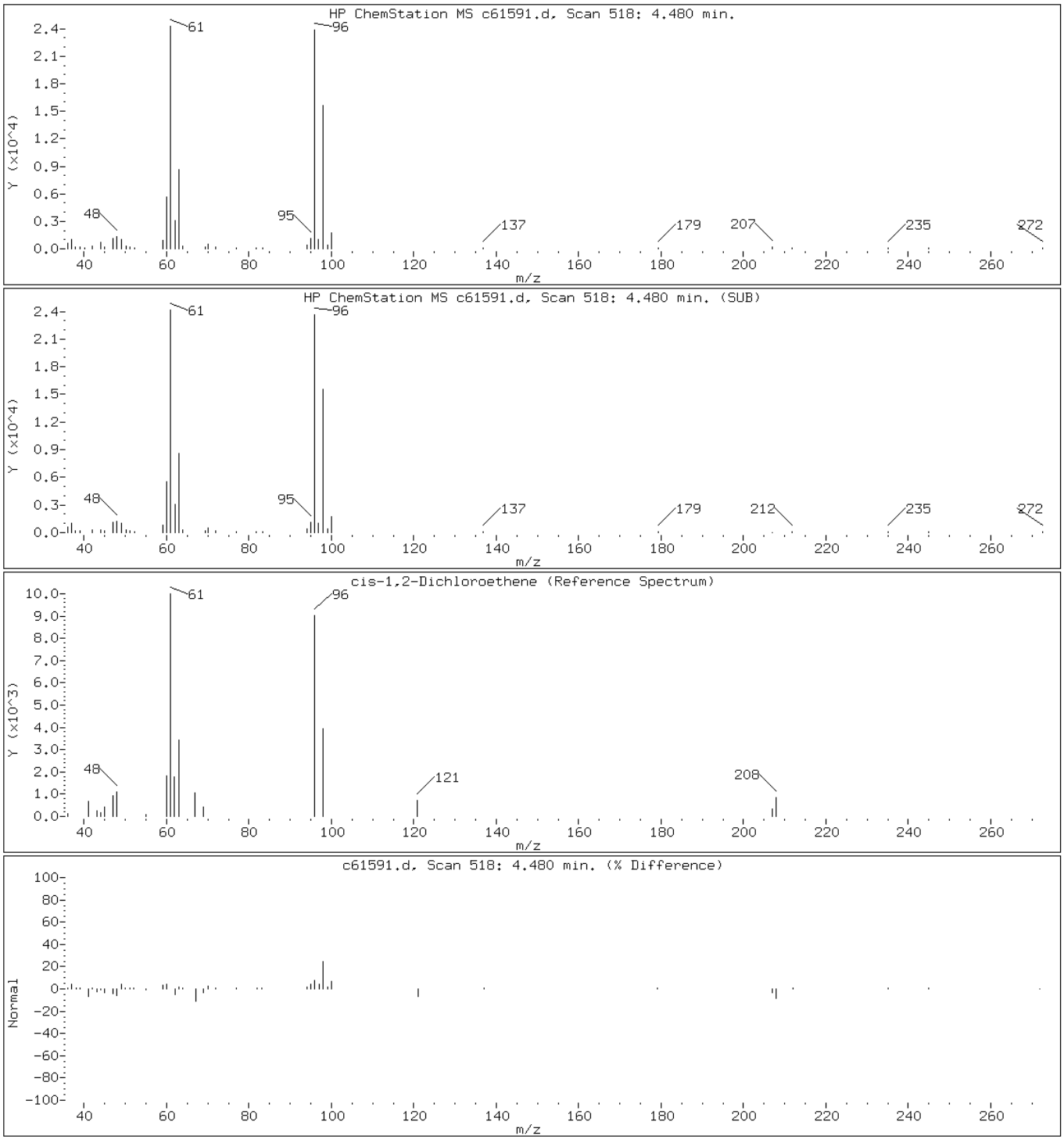
Data File: c61591.d

Date: 21-OCT-2011 04:57

Client ID: Dup-101311 Instrument: VOAMS3.i

Sample Info: 460-32413-B-7;5 Operator:

36 cis-1,2-Dichloroethene



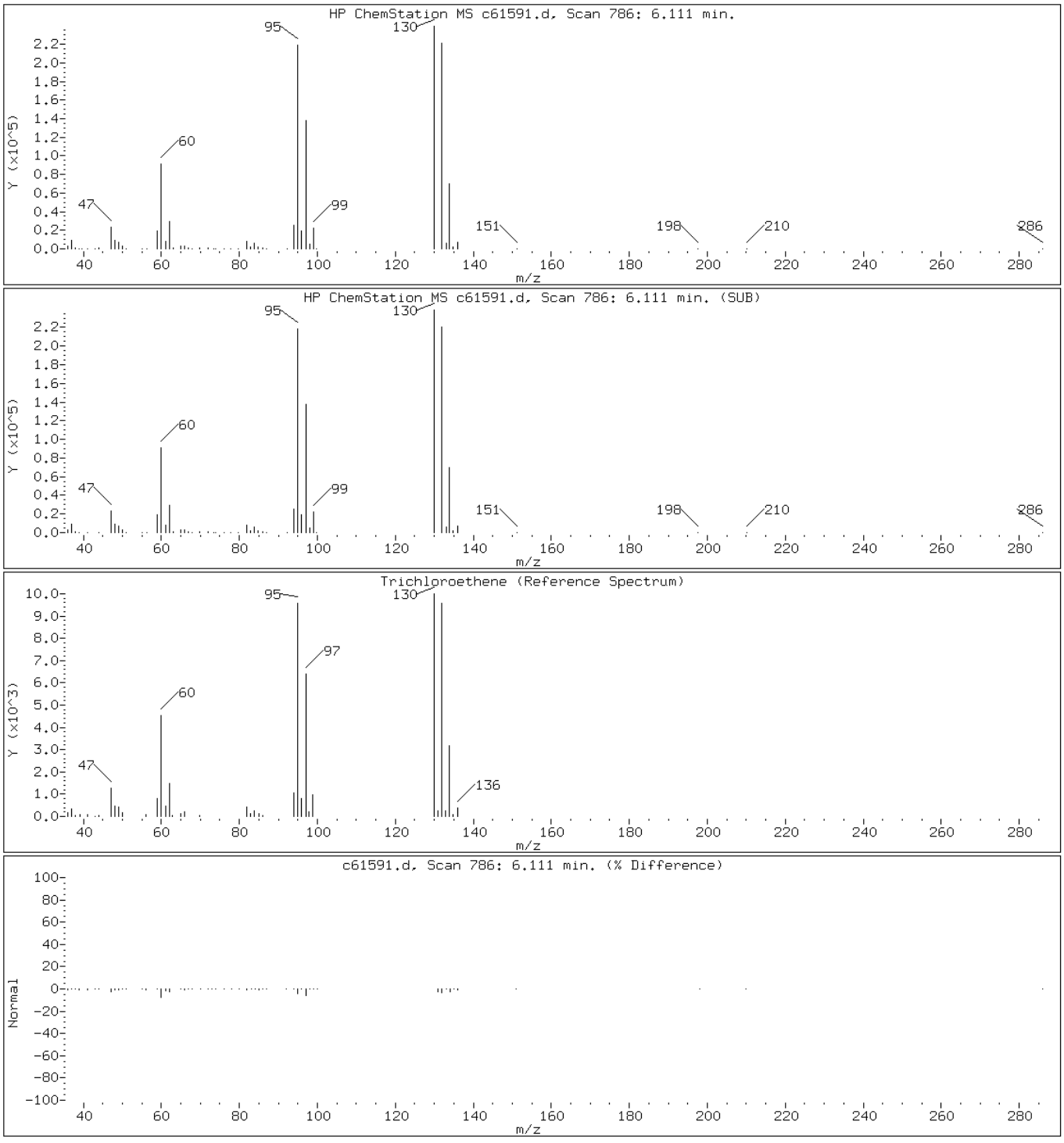
Data File: c61591.d

Date: 21-OCT-2011 04:57

Client ID: Dup-101311 Instrument: VOAMS3.i

Sample Info: 460-32413-B-7;5 Operator:

54 Trichloroethene



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89508/7	c61284.d
Level 2	IC 460-89508/6	c61282.d
Level 3	ICIS 460-89508/2	c61268.d
Level 4	IC 460-89508/3	c61270.d
Level 5	IC 460-89508/4	c61271.d
Level 6	IC 460-89508/5	c61272.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2216 0.2279	0.2390	0.2581	0.2314	0.2309	Ave		0.2348				5.4		15.0			
Chloromethane	0.2712 0.1995	0.1957	0.2343	0.1982	0.1977	Ave		0.2161			0.1000	14.2		15.0			
Vinyl chloride	0.2368 0.2500	0.2522	0.2715	0.2459	0.2463	Ave		0.2505				4.6		30.0			
Bromomethane	0.0847 0.0786	0.0705	0.0921	0.0636	0.0804	Ave		0.0783				12.9		15.0			
Chloroethane	0.2387 0.1560	0.1771	0.1822	0.1596	0.1586	LinF		0.1564							0.9999		0.9900
Dichlorofluoromethane	0.5081 0.4088	0.2753	0.4560	0.3853	0.3915	LinF		0.4064							0.9996		0.9900
Trichlorofluoromethane	0.4279 0.3949	0.4010	0.4320	0.4024	0.3957	Ave		0.4090				4.0		15.0			
Ethanol	0.0008 0.0006	0.0007	0.0008	0.0006	0.0007	Ave		0.0007				11.8		15.0			
Ethyl ether	0.1966 0.1811	0.1836	0.1964	0.1847	0.1809	Ave		0.1872				3.9		15.0			
Isopropene	0.3327 0.3137	0.2744	0.3224	0.3193	0.3198	Ave		0.3137				6.5		15.0			
Freon TF	0.1963 0.2184	0.2092	0.2308	0.2257	0.2191	Ave		0.2166				5.7		15.0			
Acrolein	0.0499 0.0290	0.0272	0.0347	0.0294	0.0288	LinF		0.0291							0.9994		0.9900
1,1-Dichloroethene	0.2345 0.2059	0.2200	0.2193	0.2035	0.2086	Ave		0.2153				5.4		30.0			
Acetone	0.0692 0.0455	0.0885	0.0965	0.0618	0.0490	LinF		0.0464							0.9938		0.9900
Carbon disulfide	0.6386 0.5565	0.5736	0.5749	0.5607	0.5708	Ave		0.5792				5.2		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclopentene	0.4422 0.5092	0.3760	0.5297	0.4445	0.4981	Ave		0.4666				12.2		15.0			
Methyl acetate	0.2610 0.2056	0.2330	0.2291	0.2009	0.2003	Ave		0.2217				10.8		15.0			
Acetonitrile	0.0056 0.0040	0.0048	0.0043	0.0038	0.0038	LinF		0.0040							0.9995		0.9900
Methylene Chloride	0.3123 0.2357	0.2452	0.2591	0.2371	0.2293	Ave		0.2531				12.1		15.0			
TBA	0.0254 0.0179	0.0163	0.0190	0.0170	0.0165	LinF		0.0177							0.9989		0.9900
MTBE	0.6779 0.6933	0.6231	0.7292	0.7263	0.6763	Ave		0.6877				5.7		15.0			
trans-1,2-Dichloroethene	0.2582 0.2369	0.2355	0.2401	0.2335	0.2313	Ave		0.2393				4.1		15.0			
Acrylonitrile	0.0664 0.0726	0.0686	0.0759	0.0687	0.0690	Ave		0.0702				4.9		15.0			
Hexane	0.1707 0.1706	0.1574	0.1660	0.1730	0.1676	Ave		0.1676				3.3		15.0			
DIPE	0.6934 0.6354	0.5616	0.6737	0.6633	0.6293	Ave		0.6428				7.2		15.0			
1,1-Dichloroethane	0.4663 0.3842	0.3699	0.4187	0.3862	0.3784	Ave		0.4006			0.1000	9.0		15.0			
Vinyl acetate	0.1670 0.1976	0.1262	0.2007	0.2036	0.1834	LinF		0.1959							0.9990		0.9900
Tert-butyl ethyl ether	0.7450 0.6827	0.5955	0.7147	0.7043	0.6696	Ave		0.6853				7.5		15.0			
2,2-Dichloropropane	0.3803 0.3576	0.3063	0.3928	0.3616	0.3578	Ave		0.3594				8.2		15.0			
cis-1,2-Dichloroethene	0.2801 0.2621	0.2697	0.2782	0.2614	0.2555	Ave		0.2678				3.7		15.0			
2-Butanone	0.0196 0.0276	0.0196	0.0315	0.0268	0.0263	LinF		0.0274							0.9994		0.9900
Ethyl acetate	0.0238 0.0250	0.0216	0.0258	0.0245	0.0238	Ave		0.0241				5.9		15.0			
Bromochloromethane	0.1341 0.1212	0.1313	0.1386	0.1302	0.1243	Ave		0.1299				4.9		15.0			
Tetrahydrofuran	0.0664 0.0509	0.0498	0.0570	0.0526	0.0470	Ave		0.0539				12.9		15.0			
Chloroform	0.4142 0.4078	0.4106	0.4426	0.4109	0.3994	Ave		0.4143				3.6		30.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexane	0.3733 0.3628	0.3098	0.3566	0.3700	0.3576	Ave		0.3550				6.5		15.0			
1,1,1-Trichloroethane	0.4260 0.3822	0.3664	0.4086	0.3723	0.3766	Ave		0.3887				6.0		15.0			
Carbon tetrachloride	0.2905 0.3306	0.3013	0.3334	0.3176	0.3280	Ave		0.3169				5.5		15.0			
1,1-Dichloropropene	0.3162 0.3183	0.2924	0.3341	0.3023	0.3167	Ave		0.3133				4.6		15.0			
Benzene	1.3335 1.1497	1.3484	1.4213	1.1790	1.2743	Ave		1.2844				8.1		15.0			
Tert-amyl methyl ether	0.5210 0.6564	0.5854	0.6874	0.6647	0.6610	Ave		0.6293				10.1		15.0			
Isopropyl acetate	0.4146 0.4282	0.3842	0.4620	0.4418	0.4286	Ave		0.4266				6.1		15.0			
1,2-Dichloroethane	0.3260 0.2967	0.3000	0.3382	0.2976	0.3044	Ave		0.3105				5.6		15.0			
n-Heptane	0.0786 0.0705	0.0586	0.0679	0.0674	0.0703	Ave		0.1480				8.9					
n-Butanol	0.0048 0.0048	0.0045	0.0047	0.0037	0.0046	Ave		0.0045				9.4		15.0			
Trichloroethene	0.2110 0.2309	0.2411	0.2537	0.2259	0.2351	Ave		0.2329				6.2		15.0			
Methylcyclohexane	0.3593 0.3952	0.3055	0.3917	0.3969	0.4065	Ave		0.3759				10.1		15.0			
Ethyl acrylate	0.5534 0.5315	0.4409	0.5287	0.5268	0.5253	Ave		0.5178				7.5		15.0			
1,2-Dichloropropane	0.2391 0.2123	0.2177	0.2405	0.2122	0.2156	Ave		0.2229				5.9		30.0			
Methyl methacrylate	0.0711 0.0723	0.0592	0.0738	0.0682	0.0698	Ave		0.0691				7.6		15.0			
1,4-Dioxane	0.0023 +++++	0.0023	0.0025	0.0019	0.0028	Ave		0.0024				14.1		15.0			
Dibromomethane	0.1036 0.1300	0.1413	0.1505	0.1358	0.1389	Ave		0.1333				12.1		15.0			
Propyl acetate	0.2414 0.2537	0.2050	0.2618	0.2480	0.2474	Ave		0.2429				8.2		15.0			
Bromodichloromethane	0.3321 0.3013	0.2756	0.3232	0.2989	0.3092	Ave		0.3067				6.5		15.0			
2-Chloroethyl vinyl ether	0.1140 0.1324	0.0928	0.1337	0.1261	0.1269	Ave		0.1210				12.8		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.0242 0.0220	0.0214	0.0250	0.0214	0.0227	Ave		0.0228				6.6		15.0			
cis-1,3-Dichloropropene	0.4835 0.4929	0.4144	0.5461	0.4751	0.5217	Ave		0.4890				9.2		15.0			
4-Methyl-2-pentanone	0.1325 0.2237	0.1579	0.2393	0.2054	0.2180	LinF		0.2228							0.9996		0.9900
Toluene	1.5293 1.2445	1.4281	1.5683	1.3212	1.3776	Ave		1.4115				8.7		30.0			
trans-1,3-Dichloropropene	0.4225 0.4626	0.4033	0.5041	0.4252	0.4826	Ave		0.4500				8.7		15.0			
1,1,2-Trichloroethane	0.2644 0.2214	0.2366	0.2644	0.2201	0.2363	Ave		0.2405				8.2		15.0			
Tetrachloroethene	0.3388 0.3673	0.3597	0.4142	0.3576	0.3826	Ave		0.3700				7.0		15.0			
1,3-Dichloropropane	0.5279 0.4618	0.4807	0.5342	0.4554	0.4830	Ave		0.4905				6.8		15.0			
2-Hexanone	0.0857 0.1522	0.1003	0.1520	0.1336	0.1455	LinF		0.1511							0.9992		0.9900
Butyl acetate	0.0482 0.0765	0.0541	0.0747	0.0703	0.0730	LinF		0.0760							0.9995		0.9900
Dibromochloromethane	0.2817 0.3249	0.2931	0.3527	0.2977	0.3340	Ave		0.3140				8.7		15.0			
1,2-Dibromoethane	0.2762 0.2789	0.2809	0.3228	0.2730	0.2809	Ave		0.2854				6.5		15.0			
Chlorobenzene	0.8522 0.8606	0.9415	1.0293	0.8985	0.9284	Ave		0.9184			0.3000	7.1		15.0			
Ethylbenzene	0.4855 0.4924	0.4269	0.5486	0.4877	0.5116	Ave		0.4921				8.1		30.0			
1,1,1,2-Tetrachloroethane	0.2891 0.3211	0.3275	0.3409	0.3088	0.3326	Ave		0.3200				5.8		15.0			
m&p-Xylene	0.5191 0.5641	0.5796	0.6792	0.6126	0.6254	Ave		0.5967				9.3		15.0			
Butyl acrylate	0.1285 0.2311	0.1297	0.2017	0.1945	0.2126	LinF		0.2284							0.9985		0.9900
o-Xylene	0.5199 0.5907	0.5805	0.6682	0.6074	0.6332	Ave		0.6000				8.4		15.0			
Styrene	0.7567 0.9921	0.9437	1.1761	1.0576	1.1010	Ave		1.0045				14.6		15.0			
Amly acetate	0.2751 0.4454	0.3299	0.4015	0.3969	0.3895	LinF		0.4381							0.9970		0.9900

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromoform	0.1590 0.2111	0.1872	0.2187	0.1896	0.2121	Ave		0.1963			0.1000	11.4		15.0			
Isopropylbenzene	1.0318 1.3339	1.2684	1.5950	1.4778	1.5478	LinF		1.3688							0.9955		0.9900
Camphene, Total	0.1130 0.0990	0.0904	0.1000	0.0981	0.1020	Ave		0.1004				7.3		15.0			
Monobromobenzene	0.8608 0.6752	0.6679	0.8058	0.7398	0.7119	Ave		0.7435				10.3		15.0			
1,1,2,2-Tetrachloroethane	0.6415 0.5617	0.5699	0.6614	0.5840	0.5626	Ave		0.5968			0.3000	7.3		15.0			
N-Propylbenzene	2.5810 2.4918	2.6502	3.3892	3.1238	2.9801	Ave		2.8693				12.3		15.0			
1,2,3-Trichloropropane	0.1915 0.1843	0.2139	0.2207	0.1921	0.1826	Ave		0.1975				8.1		15.0			
trans-1,4-Dichloro-2-butene	0.2159 0.1429	0.1113	0.1399	0.1354	0.1351	LinF		0.1418							0.9994		0.9900
2-Chlorotoluene	1.5515 1.6752	1.6909	2.0365	1.8723	1.7887	Ave		1.7692				9.6		15.0			
1,3,5-Trimethylbenzene	1.5597 1.9921	1.9611	2.4455	2.2583	2.1919	Ave		2.0681				14.8		15.0			
4-Chlorotoluene	1.5949 1.7478	1.8418	2.1772	1.9918	1.8798	Ave		1.8722				10.7		15.0			
Butyl Methacrylate	0.5308 0.8232	0.6087	0.7913	0.8152	0.7760	LinF		0.8169							0.9994		0.9900
tert-Butylbenzene	1.3816 1.8073	1.6053	2.0493	1.9403	1.9046	Ave		1.7814				13.8		15.0			
1,2,4-Trimethylbenzene	1.4738 2.0508	1.9281	2.5950	2.3335	2.2926	LinF		2.0907							0.9973		0.9900
2-Octanone	0.4709 0.7159	0.5071	0.6432	0.5934	0.6364	LinF		0.7051							0.9974		0.9900
2-Octanol	0.2005 +++++	0.0962	0.1348	0.1077	0.1500	LinF		0.1481							0.9928		0.9900
sec-Butylbenzene	1.7957 2.3532	2.5008	3.1088	2.8384	2.7369	LinF		2.4189							0.9949		0.9900
p-Isopropyltoluene	1.5946 2.1158	2.0064	2.6324	2.4734	2.4394	LinF		2.1699							0.9956		0.9900
1,3-Dichlorobenzene	1.3038 1.3139	1.3788	1.5737	1.3926	1.3798	Ave		1.3904				7.0		15.0			
1,4-Dichlorobenzene	1.5187 1.3239	1.4914	1.5937	1.4176	1.4048	Ave		1.4583				6.6		15.0			

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

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	1.0712 1.2531	0.7972	1.2024	1.2116	1.2430	LinF		1.2513							1.0000		0.9900
Indan	2.1639 1.9307	1.7517	2.4391	2.1037	2.1488	Ave		2.0897				11.1		15.0			
n-Butylbenzene	1.5677 1.8775	1.8181	2.3151	2.1209	2.1390	Ave		1.9730				13.7		15.0			
1,2-Dichlorobenzene	1.3191 1.2459	1.3437	1.4916	1.3335	1.3339	Ave		1.3446				6.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1313 0.1014	0.1058	0.1085	0.0908	0.1015	Ave		0.1065				12.7		15.0			
Camphor	0.0587 0.0595	0.0388	0.0454	0.0420	0.0498	LinF		0.0583							0.9939		0.9900
1,2,4-Trichlorobenzene	0.8515 0.7818	0.7050	0.8678	0.7809	0.8179	Ave		0.8008				7.3		15.0			
Hexachlorobutadiene	0.4117 0.3651	0.3761	0.4343	0.3674	0.3784	Ave		0.3888				7.2		15.0			
Naphthalene	1.5842 1.6670	1.3111	1.7425	1.6240	1.6980	Ave		1.6045				9.6		15.0			
1,2,3-Trichlorobenzene	0.7137 0.6362	0.5688	0.6831	0.6139	0.6368	Ave		0.6421				8.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2753 0.2681	0.2727	0.2663	0.2727	0.2654	Ave		0.2701				1.5		15.0			
Toluene-d8 (Surr)	1.0888 1.1627	1.1326	1.1900	1.1289	1.1882	Ave		1.1485				3.4		15.0			
Bromofluorobenzene	0.7560 0.7467	0.7611	0.7835	0.7938	0.7463	Ave		0.7646				2.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89508/7	c61284.d
Level 2	IC 460-89508/6	c61282.d
Level 3	ICIS 460-89508/2	c61268.d
Level 4	IC 460-89508/3	c61270.d
Level 5	IC 460-89508/4	c61271.d
Level 6	IC 460-89508/5	c61272.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	2895 1575789	16282	68642	147607	624770	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3543 1379525	13334	62320	126397	535068	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3094 1728580	17183	72210	156854	666390	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	1107 543681	4803	24495	40596	217550	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	LinF	3119 1078342	12068	48467	101811	429290	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	LinF	6638 2826694	18756	121263	245747	1059385	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	5591 2730521	27326	114895	256696	1070859	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	10640 51011	19753	30854	31741	44373	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	2568 1252210	12508	52240	117840	489514	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	4347 2169222	18695	85727	203641	865357	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	2565 1510366	14254	61375	143957	592790	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	2608 160502	7421	18448	37547	78040	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	3064 1423523	14987	58318	129772	564568	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	9035 314690	18091	25655	39406	132703	10.0 500	15.0	20.0	50.0	200
Carbon disulfide	FB	Ave	8344 3847908	39086	152895	357616	1544484	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	5778 3521058	25621	140856	283499	1347787	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methyl acetate	FB	Ave	3410 1421650	15875	60939	128136	541999	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	1467 557677	6561	23034	48365	206930	20.0 10000	100	400	1000	4000
Methylene Chloride	FB	Ave	4080 1629987	16706	68913	151227	620561	1.00 500	5.00	20.0	50.0	200
TBA	FB	LinF	6631 2474718	22193	100980	216257	893678	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	8857 4793389	42458	193927	463275	1830187	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3374 1637978	16049	63864	148920	625858	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	1736 200680	9352	20197	43802	93391	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	2230 1179732	10722	44158	110352	453493	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	9060 4393557	38264	179150	423107	1702828	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6092 2656737	25205	111348	246344	1023840	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	2182 1366541	8601	53370	129861	496415	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	9733 4720528	40573	190069	449220	1811969	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4969 2472320	20872	104457	230667	968340	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3659 1811884	18377	73993	166709	691424	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	LinF	2564 190904	4015	8380	17104	71285	10.0 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	622 346176	2948	13723	31270	129072	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1752 838182	8946	36850	83044	336235	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	868 351882	3393	15150	33567	127087	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	5412 2819881	27976	117698	262115	1080739	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4877 2508644	21106	94828	236021	967548	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5566 2642483	24965	108653	237489	1019124	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	3796 2285675	20527	88670	202580	887561	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4131 2200521	19923	88840	192844	856992	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	12569 6079471	63945	271326	592262	2529906	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	6807 4538713	39887	182800	423961	1788697	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	10835 5921351	52362	245735	563547	2319621	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	4259 2051566	20441	89931	189837	823669	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	1027 487721	3995	18056	43017	190272	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	31188 198804	61876	94082	93928	157137	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	2757 1596217	16429	67458	144095	636228	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	4695 2732543	20815	104173	253146	1100127	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	7230 3674785	30041	140600	335997	1421556	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3124 1467640	14831	63945	135360	583410	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	929 499942	4034	19639	43502	188762	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1501 +++++	3175	5053	4909	9599	50.0 +++++	100	150	200	250
Dibromomethane	FB	Ave	1353 899012	9629	40017	86609	375910	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	6308 3508617	27933	139225	316346	1338802	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	4339 2083563	18781	85958	190677	836719	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1490 915474	6320	35548	80409	343345	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	4567 2328011	20318	95401	214505	901789	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	4557 2606361	19650	104258	238665	1035790	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	LinF	12487 1183064	22460	45680	103158	432783	10.0 500	15.0	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	14414 6580831	67726	299378	663691	2734935	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3982 2446006	19127	96235	213604	958029	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2492 1170697	11221	50468	110558	469114	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	3193 1942090	17057	79067	179611	759471	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	4976 2441874	22794	101970	228743	958921	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	LinF	8074 804669	14273	29013	67126	288843	10.0 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	LinF	908 808661	5132	28519	70672	289730	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	2655 1717921	13900	67331	149540	663161	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2603 1474782	13319	61623	137144	557586	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	8032 4551024	44647	196488	451334	1843195	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	4576 2603786	20244	104728	244970	1015643	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2725 1698006	15529	65068	155136	660378	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	9785 5965551	54977	259322	615441	2483152	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	LinF	1211 1221891	6150	38512	97715	422100	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	4900 3123635	27527	127555	305104	1256993	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	7132 5246448	44753	224514	531281	2185745	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	LinF	1483 1420984	9238	44024	110027	462940	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1499 1116126	8877	41751	95266	421100	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	LinF	9725 7053725	60151	304477	742363	3072793	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	1065 523410	4289	19087	49285	202441	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4640 2154139	18701	88343	205072	846070	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2,2-Tetrachloroethane	DCB	Ave	3458 1792068	15957	72516	161876	668618	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	13912 7950270	74209	371589	865931	3541839	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1032 587883	5989	24201	53252	216988	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	LinF	1164 455816	3116	15339	37531	160513	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	8363 5345007	47346	223275	519024	2125908	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	8407 6355916	54912	268120	626024	2605105	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	8597 5576441	51572	238708	552147	2234083	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2861 2626382	17044	86761	225993	922247	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	7447 5766283	44950	224683	537859	2263642	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	LinF	7944 6543265	53990	284515	646864	2724767	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	2538 2284225	14199	70525	164489	756407	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	LinF	1081 +++++	2695	14781	29855	178333	1.00 +++++	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	LinF	9679 7508007	70026	340850	786821	3252804	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	LinF	8595 6750506	56183	288616	685649	2899263	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	7028 4191994	38607	172543	386034	1639913	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	8186 4224035	41761	174728	392979	1669572	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	5774 3998242	22323	131833	335868	1477315	1.00 500	5.00	20.0	50.0	200
Indan	DCB	Ave	11664 6159992	49051	267423	583167	2553822	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	8450 5990391	50909	253821	587933	2542212	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	7110 3975135	37626	163532	369665	1585332	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	708 323398	2963	11894	25176	120586	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-32413-1 Analy Batch No.: 89508

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/13/2011 23:15 Calibration End Date: 10/14/2011 06:08 Calibration ID: 12673

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Camphor	DCB	LinF	1582 949930	5434	24914	58216	296197	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	4590 2494397	19742	95145	216481	972093	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2219 1164782	10532	47615	101860	449707	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	8539 5318666	36713	191049	450174	2018025	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3847 2029738	15926	74892	170191	756782	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	179846 185392	185828	177055	173928	179572	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	513116 614811	537099	567932	567068	589737	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	203759 238252	213119	214749	220035	221750	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61268.d
Report Date: 14-Oct-2011 08:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61268.d
Lab Smp Id: ICIS-VM8CAL3
Inj Date : 13-OCT-2011 23:15
Operator : Inst ID: VOAMS3.i
Smp Info : ICIS-VM8CAL3
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/8260_09.m
Meth Date : 14-Oct-2011 08:53 audberto Quant Type: ISTD
Cal Date : 13-OCT-2011 23:15 Cal File: c61268.d
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	68642	20.0000	20
3 Chloromethane	50	1.621	1.621	(0.284)	62320	20.0000	20
4 Vinyl Chloride	62	1.706	1.706	(0.299)	72210	20.0000	20
6 Bromomethane	94	1.998	1.998	(0.350)	24495	20.0000	20
5 Chloroethane	64	2.096	2.096	(0.367)	48467	20.0000	20
7 Trichlorofluoromethane	101	2.284	2.284	(0.400)	114895	20.0000	20
176 Dichlorofluoromethane	67	2.278	2.278	(0.399)	121263	20.0000	20
9 Ethanol	46	2.503	2.503	(0.439)	30854	3000.00	3000
11 Ethyl Ether	59	2.546	2.546	(0.446)	52240	20.0000	20
10 Isoprene	67	2.564	2.564	(0.450)	85727	20.0000	20
14 Freon TF	101	2.716	2.716	(0.476)	61375	20.0000	20
13 Acrolein	56	2.728	2.728	(0.478)	18448	40.0000	40
15 1,1-Dichloroethene	96	2.759	2.759	(0.484)	58318	20.0000	20
16 Acetone	43	2.862	2.862	(0.502)	25655	20.0000	20
18 Carbon Disulfide	76	2.953	2.953	(0.518)	152895	20.0000	20
27 Methyl Acetate	43	3.124	3.124	(0.548)	60939	20.0000	20

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61268.d
Report Date: 14-Oct-2011 08:53

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	172 Cyclopentene	67	3.124	3.124	(0.548)	140856	20.0000	20
	21 Acetonitrile	39	3.191	3.191	(0.559)	23034	400.000	400
	22 Methylene Chloride	84	3.245	3.245	(0.569)	68913	20.0000	20
	24 TBA	59	3.324	3.324	(0.583)	100980	400.000	400
	28 MTBE	73	3.422	3.422	(0.600)	193927	20.0000	20
	25 trans-1,2-Dichloroethene	96	3.452	3.452	(0.605)	63864	20.0000	20
	26 Acrylonitrile	53	3.543	3.543	(0.621)	20197	20.0000	20
	29 Hexane	56	3.616	3.616	(0.634)	44158	20.0000	20
	32 DIPE	45	3.866	3.866	(0.678)	179150	20.0000	20
	30 1,1-Dichloroethane	63	3.896	3.896	(0.683)	111348	20.0000	20
	31 Vinyl Acetate	43	3.914	3.914	(0.686)	53370	20.0000	20
	34 n-Propanol	60	4.000	4.000	(0.701)	27812	3000.00	3000
	35 t-Butyl-ethyl-ether	59	4.219	4.219	(0.740)	190069	20.0000	20
	37 2,2-Dichloropropane	77	4.450	4.450	(0.780)	104457	20.0000	20
	36 cis-1,2-Dichloroethene	96	4.486	4.486	(0.787)	73993	20.0000	20
	38 2-Butanone	72	4.517	4.517	(0.792)	8380	20.0000	20
	39 Ethyl Acetate	70	4.523	4.523	(0.793)	13723	40.0000	40
	40 Bromochloromethane	128	4.736	4.736	(0.830)	36850	20.0000	20
	41 Tetrahydrofuran	42	4.748	4.748	(0.833)	15150	20.0000	20
	42 Chloroform	83	4.803	4.803	(0.842)	117698	20.0000	20
	44 Cyclohexane	56	4.937	4.937	(0.866)	94828	20.0000	20
	43 1,1,1-Trichloroethane	97	4.961	4.961	(0.870)	108653	20.0000	20
	45 Carbon Tetrachloride	117	5.095	5.095	(0.893)	88670	20.0000	20
	46 1,1-Dichloropropene	75	5.131	5.131	(0.900)	88840	20.0000	20
	48 Benzene	78	5.362	5.362	(0.620)	271326	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	177055	50.0000	50
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.956)	182800	20.0000	20
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	245735	40.0000	40
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	89931	20.0000	20
	51 n-Heptane	57	5.551	5.551	(0.973)	18056	20.0000	20
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	664843	50.0000	
	53 n-Butanol	56	6.092	6.092	(1.068)	94082	1500.00	1500
	54 Trichloroethene	95	6.111	6.111	(1.071)	67458	20.0000	20
	56 Methyl cyclohexane	83	6.245	6.245	(1.095)	104173	20.0000	20
	55 Ethyl Acrylate	55	6.263	6.263	(1.098)	140600	20.0000	20
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	63945	20.0000	20
	59 Methyl Methacrylate	100	6.524	6.524	(1.144)	19639	20.0000	20
	60 1,4-Dioxane	88	6.555	6.555	(1.149)	5053	150.000	150
	58 Dibromomethane	93	6.561	6.561	(1.150)	40017	20.0000	20
	75 Propyl Acetate	43	6.579	6.579	(1.154)	139225	40.0000	40
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	85958	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	7.029	7.029	(1.233)	35548	20.0000	20
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	95401	400.000	400
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	104258	20.0000	20
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.845)	45680	20.0000	20
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	567932	50.0000	50
	66 Toluene	91	7.431	7.431	(0.859)	299378	20.0000	20

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61268.d
Report Date: 14-Oct-2011 08:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
64	trans-1,3-Dichloropropene	75	7.711	7.711	(0.891)	96235	20.0000	20
69	1,1,2-Trichloroethane	83	7.869	7.869	(0.909)	50468	20.0000	20
71	Tetrachloroethene	166	7.899	7.899	(0.913)	79067	20.0000	20
72	1,3-Dichloropropane	76	8.027	8.027	(0.928)	101970	20.0000	20
73	2-Hexanone	43	8.063	8.063	(0.932)	29013	20.0000	20
76	Butyl Acetate	73	8.143	8.143	(0.941)	28519	40.0000	40
74	Dibromochloromethane	129	8.185	8.185	(0.946)	67331	20.0000	20
77	1,2-Dibromoethane	107	8.295	8.295	(0.959)	61623	20.0000	20
* 78	Chlorobenzene-d5	117	8.654	8.654	(1.000)	477246	50.0000	
79	Chlorobenzene	112	8.672	8.672	(1.002)	196488	20.0000	20
81	Ethylbenzene	106	8.733	8.733	(1.009)	104728	20.0000	20
80	1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	65068	20.0000	20
82	m+p-Xylene	106	8.824	8.824	(1.020)	259322	40.0000	40
83	Butyl Acrylate	73	9.110	9.110	(1.053)	38512	20.0000	20
84	o-Xylene	106	9.140	9.140	(1.056)	127555	20.0000	20
85	Styrene	104	9.165	9.165	(1.059)	224514	20.0000	20
87	Amyl Acetate	43	9.280	9.280	(0.892)	44024	20.0000	20
86	Bromoform	173	9.335	9.335	(1.079)	41751	20.0000	20
88	Isopropylbenzene	105	9.414	9.414	(1.088)	304477	20.0000	20
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	214749	50.0000	50
90	Camphene (total)	41	9.584	9.584	(1.108)	19087	20.0000	20
91	Bromobenzene	156	9.682	9.682	(0.930)	88343	20.0000	20
92	1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	72516	20.0000	20
95	n-Propylbenzene	91	9.718	9.718	(0.934)	371589	20.0000	20
93	1,2,3-Trichloropropane	110	9.736	9.736	(0.936)	24201	20.0000	20
94	trans-1,4-Dichloro-2-butene	53	9.743	9.743	(0.936)	15339	20.0000	20
96	2-Chlorotoluene	91	9.809	9.809	(0.943)	223275	20.0000	20
97	1,3,5-Trimethylbenzene	105	9.846	9.846	(0.946)	268120	20.0000	20
99	Butyl Methacrylate	87	9.901	9.901	(0.951)	86761	20.0000	20
98	4-Chlorotoluene	91	9.895	9.895	(0.951)	238708	20.0000	20
100	tert-Butylbenzene	119	10.077	10.077	(0.968)	224683	20.0000	20
101	1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	284515	20.0000	20
102	2-Octanone	43	10.199	10.199	(0.980)	70525	20.0000	20
104	2-Octanol	45	10.223	10.223	(0.982)	14781	20.0000	20
103	sec-Butylbenzene	105	10.235	10.235	(0.984)	340850	20.0000	20
107	p-Isopropyltoluene	119	10.333	10.333	(0.993)	288616	20.0000	20
105	1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	172543	20.0000	20
* 108	1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	274097	50.0000	
109	1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	174728	20.0000	20
110	Benzyl Chloride	91	10.527	10.527	(1.012)	131833	20.0000	20
173	Indan	117	10.576	10.576	(1.016)	267423	20.0000	20
106	n-Butylbenzene	91	10.619	10.619	(1.020)	253821	20.0000	20
111	1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	163532	20.0000	20
112	1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	11894	20.0000	20
113	Camphor	95	11.787	11.787	(1.133)	24914	100.000	100
114	1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	95145	20.0000	20
115	Hexachlorobutadiene	225	11.951	11.951	(1.148)	47615	20.0000	20

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61268.d
Report Date: 14-Oct-2011 08:53

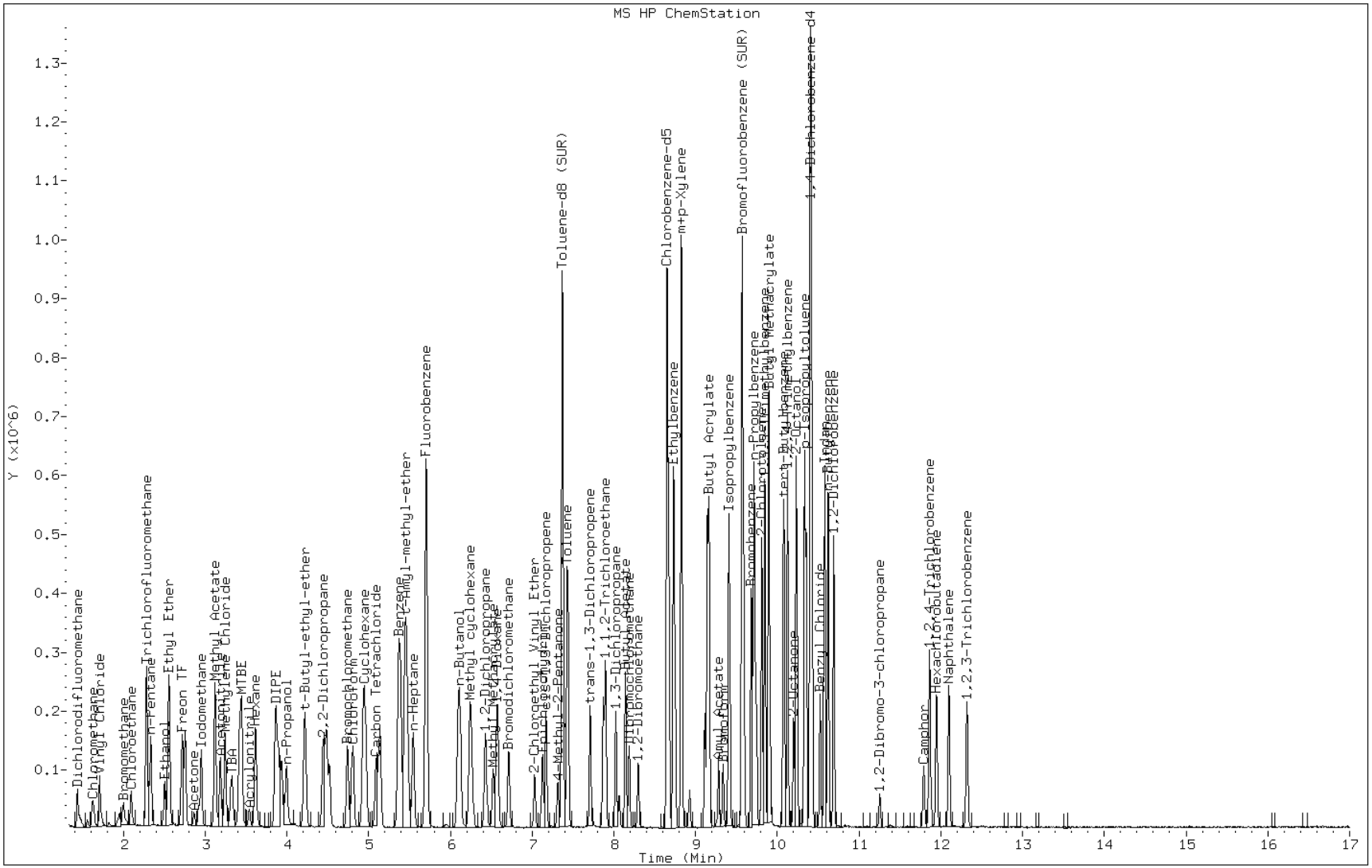
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	191049	20.0000	20
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	74892	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				137857	40.0000	40
M 121 Xylene (Total)	100				386877	60.0000	60

Data File: c61268.d

Date: 13-OCT-2011 23:15

Client ID: Instrument: VOAMS3.i

Sample Info: ICIS-VM8CAL3 Operator:



Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61270.d
Report Date: 14-Oct-2011 08:53

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61270.d
Lab Smp Id: IC-VM8CAL4
Inj Date : 14-OCT-2011 00:46
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VM8CAL4
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/8260_09.m
Meth Date : 14-Oct-2011 08:53 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 00:46 Cal File: c61270.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	147607	50.0000	47
3 Chloromethane	50	1.621	1.621	(0.284)	126397	50.0000	46
4 Vinyl Chloride	62	1.712	1.706	(0.300)	156854	50.0000	48
6 Bromomethane	94	1.998	1.998	(0.350)	40596	50.0000	41
5 Chloroethane	64	2.096	2.096	(0.367)	101811	50.0000	49
7 Trichlorofluoromethane	101	2.290	2.284	(0.402)	256696	50.0000	48
176 Dichlorofluoromethane	67	2.284	2.278	(0.400)	245747	50.0000	48
9 Ethanol	46	2.509	2.503	(0.440)	31741	4000.00	3600
11 Ethyl Ether	59	2.546	2.546	(0.446)	117840	50.0000	48
10 Isoprene	67	2.564	2.564	(0.450)	203641	50.0000	50
14 Freon TF	101	2.716	2.716	(0.476)	143957	50.0000	49
13 Acrolein	56	2.728	2.728	(0.478)	37547	100.000	97
15 1,1-Dichloroethene	96	2.759	2.759	(0.484)	129772	50.0000	48
16 Acetone	43	2.862	2.862	(0.502)	39406	50.0000	45
18 Carbon Disulfide	76	2.953	2.953	(0.518)	357616	50.0000	49
27 Methyl Acetate	43	3.124	3.124	(0.548)	128136	50.0000	47

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61270.d
Report Date: 14-Oct-2011 08:53

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	172	Cyclopentene	67	3.118	3.124	(0.547)	283499	50.0000	46
	21	Acetonitrile	39	3.184	3.191	(0.558)	48365	1000.00	980
	22	Methylene Chloride	84	3.245	3.245	(0.569)	151227	50.0000	48
	24	TBA	59	3.330	3.324	(0.584)	216257	1000.00	980
	28	MTBE	73	3.422	3.422	(0.600)	463275	50.0000	50
	25	trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	148920	50.0000	49
	26	Acrylonitrile	53	3.543	3.543	(0.621)	43802	50.0000	47
	29	Hexane	56	3.616	3.616	(0.634)	110352	50.0000	51
	32	DIPE	45	3.866	3.866	(0.678)	423107	50.0000	50
	30	1,1-Dichloroethane	63	3.896	3.896	(0.683)	246344	50.0000	48
	31	Vinyl Acetate	43	3.921	3.914	(0.687)	129861	50.0000	50
	34	n-Propanol	60	4.006	4.000	(0.702)	27818	4000.00	3500
	35	t-Butyl-ethyl-ether	59	4.219	4.219	(0.740)	449220	50.0000	50
	37	2,2-Dichloropropane	77	4.444	4.450	(0.779)	230667	50.0000	48
	36	cis-1,2-Dichloroethene	96	4.480	4.486	(0.786)	166709	50.0000	48
	38	2-Butanone	72	4.517	4.517	(0.792)	17104	50.0000	49
	39	Ethyl Acetate	70	4.523	4.523	(0.793)	31270	100.000	97
	40	Bromochloromethane	128	4.742	4.736	(0.831)	83044	50.0000	48
	41	Tetrahydrofuran	42	4.754	4.748	(0.834)	33567	50.0000	48
	42	Chloroform	83	4.803	4.803	(0.842)	262115	50.0000	48
	44	Cyclohexane	56	4.930	4.937	(0.865)	236021	50.0000	51
	43	1,1,1-Trichloroethane	97	4.961	4.961	(0.870)	237489	50.0000	48
	45	Carbon Tetrachloride	117	5.095	5.095	(0.893)	202580	50.0000	49
	46	1,1-Dichloropropene	75	5.137	5.131	(0.901)	192844	50.0000	48
	48	Benzene	78	5.362	5.362	(0.620)	592262	50.0000	45
$	47	1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	173928	50.0000	50
	50	t-Amyl-methyl-ether	73	5.448	5.454	(0.955)	423961	50.0000	49
	61	Isopropyl Acetate	43	5.454	5.454	(0.956)	563547	100.000	98
	49	1,2-Dichloroethane	62	5.478	5.478	(0.961)	189837	50.0000	47
	51	n-Heptane	57	5.545	5.551	(0.972)	43017	50.0000	50
*	52	Fluorobenzene	96	5.703	5.703	(1.000)	637839	50.0000	
	53	n-Butanol	56	6.099	6.092	(1.069)	93928	2000.00	1800
	54	Trichloroethene	95	6.117	6.111	(1.073)	144095	50.0000	47
	56	Methyl cyclohexane	83	6.245	6.245	(1.095)	253146	50.0000	50
	55	Ethyl Acrylate	55	6.263	6.263	(1.098)	335997	50.0000	50
	57	1,2-Dichloropropane	63	6.433	6.433	(1.128)	135360	50.0000	47
	59	Methyl Methacrylate	100	6.524	6.524	(1.144)	43502	50.0000	48
	60	1,4-Dioxane	88	6.561	6.555	(1.150)	4909	200.000	170
	58	Dibromomethane	93	6.561	6.561	(1.150)	86609	50.0000	47
	75	Propyl Acetate	43	6.579	6.579	(1.154)	316346	100.000	97
	68	Bromodichloromethane	83	6.713	6.713	(1.177)	190677	50.0000	48
	62	2-Chloroethyl Vinyl Ether	63	7.029	7.029	(1.233)	80409	50.0000	48
	63	Epichlorohydrin	57	7.127	7.127	(0.824)	214505	1000.00	920
	67	cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	238665	50.0000	46
	70	4-Methyl-2-Pentanone	43	7.315	7.315	(0.846)	103158	50.0000	49
$	65	Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	567068	50.0000	49
	66	Toluene	91	7.431	7.431	(0.859)	663691	50.0000	46

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61270.d
Report Date: 14-Oct-2011 08:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.892)	213604	50.0000	46
	69 1,1,2-Trichloroethane	83	7.875	7.869	(0.911)	110558	50.0000	45
	71 Tetrachloroethene	166	7.899	7.899	(0.913)	179611	50.0000	46
	72 1,3-Dichloropropane	76	8.021	8.027	(0.928)	228743	50.0000	46
	73 2-Hexanone	43	8.070	8.063	(0.933)	67126	50.0000	49
	76 Butyl Acetate	73	8.143	8.143	(0.942)	70672	100.000	97
	74 Dibromochloromethane	129	8.185	8.185	(0.947)	149540	50.0000	46
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	137144	50.0000	46
*	78 Chlorobenzene-d5	117	8.648	8.654	(1.000)	502328	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.003)	451334	50.0000	47
	81 Ethylbenzene	106	8.733	8.733	(1.010)	244970	50.0000	47
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	155136	50.0000	48
	82 m+p-Xylene	106	8.830	8.824	(1.021)	615441	100.000	95
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	97715	50.0000	50
	84 o-Xylene	106	9.146	9.140	(1.058)	305104	50.0000	48
	85 Styrene	104	9.165	9.165	(1.060)	531281	50.0000	47
	87 Amyl Acetate	43	9.280	9.280	(0.892)	110027	50.0000	50
	86 Bromoform	173	9.335	9.335	(1.079)	95266	50.0000	46
	88 Isopropylbenzene	105	9.408	9.414	(1.088)	742363	50.0000	49
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	220035	50.0000	50
	90 Camphene (total)	41	9.584	9.584	(1.108)	49285	50.0000	50
	91 Bromobenzene	156	9.682	9.682	(0.930)	205072	50.0000	48
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	161876	50.0000	47
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	865931	50.0000	48
	93 1,2,3-Trichloropropane	110	9.743	9.736	(0.936)	53252	50.0000	46
	94 trans-1,4-Dichloro-2-butene	53	9.743	9.743	(0.936)	37531	50.0000	50
	96 2-Chlorotoluene	91	9.809	9.809	(0.943)	519024	50.0000	48
	97 1,3,5-Trimethylbenzene	105	9.852	9.846	(0.947)	626024	50.0000	48
	99 Butyl Methacrylate	87	9.901	9.901	(0.951)	225993	50.0000	50
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	552147	50.0000	48
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	537859	50.0000	49
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	646864	50.0000	49
	102 2-Octanone	43	10.199	10.199	(0.980)	164489	50.0000	49
	104 2-Octanol	45	10.223	10.223	(0.982)	29855	50.0000	48
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	786821	50.0000	49
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	685649	50.0000	50
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	386034	50.0000	47
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	277208	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	392979	50.0000	47
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	335868	50.0000	50
	173 Indan	117	10.576	10.576	(1.016)	583167	50.0000	46
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	587933	50.0000	48
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	369665	50.0000	47
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	25176	50.0000	46
	113 Camphor	95	11.793	11.787	(1.133)	58216	250.000	250
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	216481	50.0000	47
	115 Hexachlorobutadiene	225	11.945	11.951	(1.148)	101860	50.0000	46

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61270.d
Report Date: 14-Oct-2011 08:53

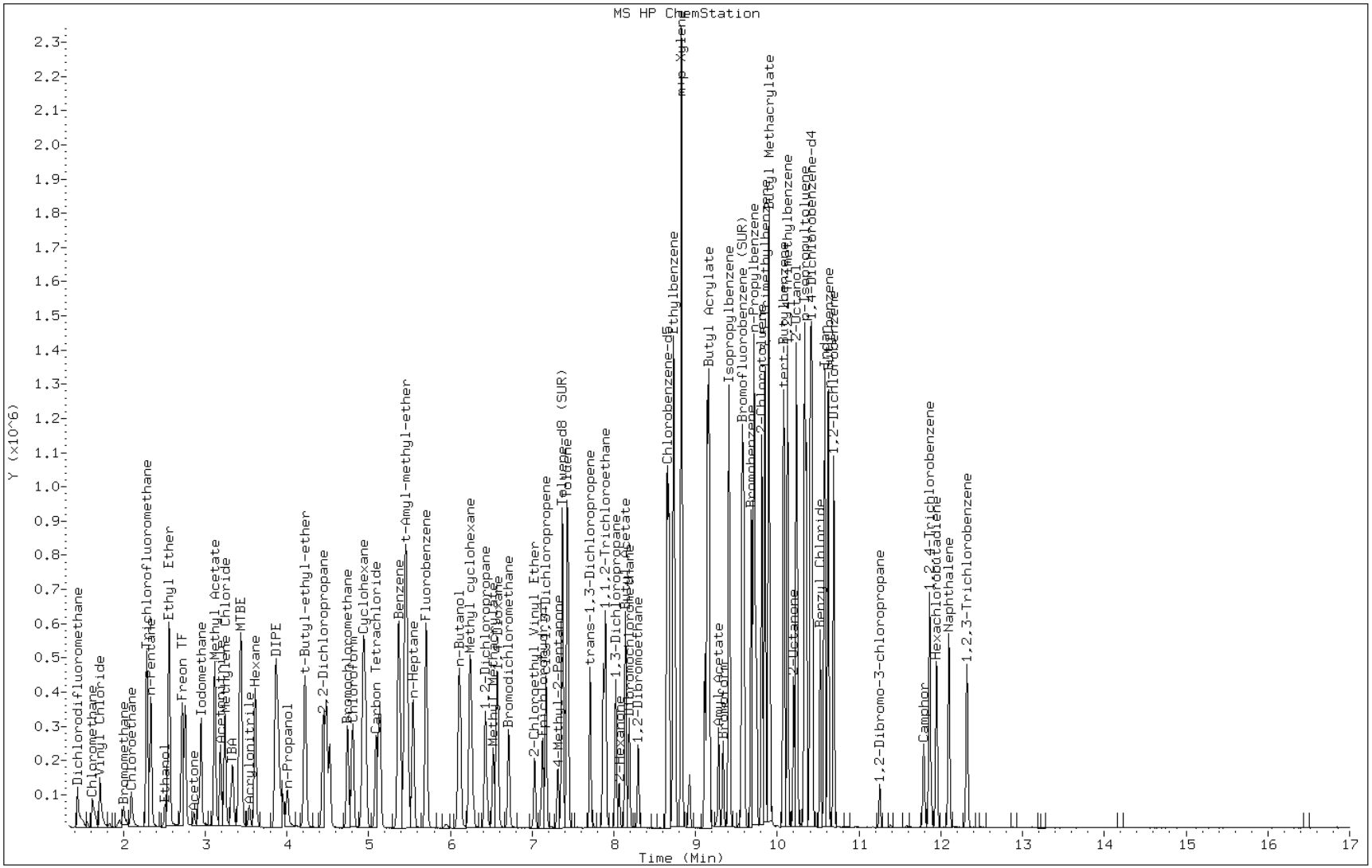
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	450174	50.0000	48
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	170191	50.0000	47
M 120 1,2-Dichloroethene (Total)	100				315629	100.000	98
M 121 Xylene (Total)	100				920545	150.000	140

Data File: c61270.d

Date: 14-OCT-2011 00:46

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VM8CAL4 Operator:



Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61271.d
Report Date: 14-Oct-2011 08:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61271.d
Lab Smp Id: IC-VM8CAL5
Inj Date : 14-OCT-2011 01:09
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VM8CAL5
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/8260_09.m
Meth Date : 14-Oct-2011 08:53 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 01:09 Cal File: c61271.d
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	624770	200.000	190
3 Chloromethane	50	1.627	1.621	(0.285)	535068	200.000	190
4 Vinyl Chloride	62	1.706	1.706	(0.299)	666390	200.000	190
6 Bromomethane	94	1.992	1.998	(0.349)	217550	200.000	200
5 Chloroethane	64	2.089	2.096	(0.366)	429290	200.000	200
7 Trichlorofluoromethane	101	2.284	2.284	(0.400)	1070859	200.000	190
176 Dichlorofluoromethane	67	2.284	2.278	(0.400)	1059385	200.000	200
9 Ethanol	46	2.503	2.503	(0.439)	44373	5000.00	4800
11 Ethyl Ether	59	2.546	2.546	(0.446)	489514	200.000	190
10 Isoprene	67	2.558	2.564	(0.448)	865357	200.000	200
14 Freon TF	101	2.716	2.716	(0.476)	592790	200.000	190
13 Acrolein	56	2.728	2.728	(0.478)	78040	200.000	200
15 1,1-Dichloroethene	96	2.758	2.759	(0.484)	564568	200.000	200
16 Acetone	43	2.862	2.862	(0.502)	132703	200.000	190
18 Carbon Disulfide	76	2.953	2.953	(0.518)	1544484	200.000	200
27 Methyl Acetate	43	3.123	3.124	(0.548)	541999	200.000	190

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61271.d
Report Date: 14-Oct-2011 08:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
172	Cyclopentene	67	3.123	3.124	(0.548)	1347787	200.000	200
21	Acetonitrile	39	3.184	3.191	(0.558)	206930	4000.00	4000
22	Methylene Chloride	84	3.245	3.245	(0.569)	620561	200.000	190
24	TBA	59	3.330	3.324	(0.584)	893678	4000.00	4000
28	MTBE	73	3.422	3.422	(0.600)	1830187	200.000	190
25	trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	625858	200.000	200
26	Acrylonitrile	53	3.543	3.543	(0.621)	93391	100.000	97
29	Hexane	56	3.622	3.616	(0.635)	453493	200.000	200
32	DIPE	45	3.866	3.866	(0.678)	1702828	200.000	190
30	1,1-Dichloroethane	63	3.896	3.896	(0.683)	1023840	200.000	190
31	Vinyl Acetate	43	3.920	3.914	(0.687)	496415	200.000	200
34	n-Propanol	60	4.000	4.000	(0.701)	44101	5000.00	5200
35	t-Butyl-ethyl-ether	59	4.219	4.219	(0.740)	1811969	200.000	190
37	2,2-Dichloropropane	77	4.450	4.450	(0.780)	968340	200.000	190
36	cis-1,2-Dichloroethene	96	4.486	4.486	(0.787)	691424	200.000	190
38	2-Butanone	72	4.517	4.517	(0.792)	71285	200.000	200
39	Ethyl Acetate	70	4.517	4.523	(0.792)	129072	400.000	380
40	Bromochloromethane	128	4.742	4.736	(0.831)	336235	200.000	190
41	Tetrahydrofuran	42	4.748	4.748	(0.833)	127087	200.000	180
42	Chloroform	83	4.803	4.803	(0.842)	1080739	200.000	190
44	Cyclohexane	56	4.936	4.937	(0.866)	967548	200.000	200
43	1,1,1-Trichloroethane	97	4.961	4.961	(0.870)	1019124	200.000	200
45	Carbon Tetrachloride	117	5.095	5.095	(0.893)	887561	200.000	200
46	1,1-Dichloropropene	75	5.137	5.131	(0.901)	856992	200.000	200
48	Benzene	78	5.368	5.362	(0.620)	2529906	200.000	200
$ 47	1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	179572	50.0000	49
50	t-Amyl-methyl-ether	73	5.447	5.454	(0.955)	1788697	200.000	200
61	Isopropyl Acetate	43	5.454	5.454	(0.956)	2319621	400.000	390
49	1,2-Dichloroethane	62	5.478	5.478	(0.961)	823669	200.000	190
51	n-Heptane	57	5.551	5.551	(0.973)	190272	200.000	210
* 52	Fluorobenzene	96	5.703	5.703	(1.000)	676507	50.0000	
53	n-Butanol	56	6.098	6.092	(1.069)	157137	2500.00	2700
54	Trichloroethene	95	6.117	6.111	(1.073)	636228	200.000	200
56	Methyl cyclohexane	83	6.244	6.245	(1.095)	1100127	200.000	200
55	Ethyl Acrylate	55	6.263	6.263	(1.098)	1421556	200.000	200
57	1,2-Dichloropropane	63	6.433	6.433	(1.128)	583410	200.000	190
59	Methyl Methacrylate	100	6.524	6.524	(1.144)	188762	200.000	200
60	1,4-Dioxane	88	6.567	6.555	(1.151)	9599	250.000	290
58	Dibromomethane	93	6.567	6.561	(1.151)	375910	200.000	200
75	Propyl Acetate	43	6.585	6.579	(1.155)	1338802	400.000	390
68	Bromodichloromethane	83	6.713	6.713	(1.177)	836719	200.000	200
62	2-Chloroethyl Vinyl Ether	63	7.035	7.029	(1.234)	343345	200.000	200
63	Epichlorohydrin	57	7.126	7.127	(0.824)	901789	4000.00	3900
67	cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	1035790	200.000	200
70	4-Methyl-2-Pentanone	43	7.315	7.315	(0.845)	432783	200.000	200
$ 65	Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	589737	50.0000	51
66	Toluene	91	7.437	7.431	(0.859)	2734935	200.000	190

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61271.d
Report Date: 14-Oct-2011 08:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
64	trans-1,3-Dichloropropene	75	7.711	7.711	(0.891)	958029	200.000	200
69	1,1,2-Trichloroethane	83	7.875	7.869	(0.910)	469114	200.000	200
71	Tetrachloroethene	166	7.905	7.899	(0.914)	759471	200.000	200
72	1,3-Dichloropropane	76	8.027	8.027	(0.928)	958921	200.000	200
73	2-Hexanone	43	8.069	8.063	(0.932)	288843	200.000	200
76	Butyl Acetate	73	8.142	8.143	(0.941)	289730	400.000	400
74	Dibromochloromethane	129	8.191	8.185	(0.947)	663161	200.000	200
77	1,2-Dibromoethane	107	8.301	8.295	(0.959)	557586	200.000	190
* 78	Chlorobenzene-d5	117	8.653	8.654	(1.000)	496320	50.0000	
79	Chlorobenzene	112	8.678	8.672	(1.003)	1843195	200.000	200
81	Ethylbenzene	106	8.733	8.733	(1.009)	1015643	200.000	200
80	1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	660378	200.000	200
82	m+p-Xylene	106	8.830	8.824	(1.020)	2483152	400.000	390
83	Butyl Acrylate	73	9.110	9.110	(1.053)	422100	200.000	200
84	o-Xylene	106	9.146	9.140	(1.057)	1256993	200.000	200
85	Styrene	104	9.164	9.165	(1.059)	2185745	200.000	200
87	Amyl Acetate	43	9.280	9.280	(0.892)	462940	200.000	200
86	Bromoform	173	9.335	9.335	(1.079)	421100	200.000	200
88	Isopropylbenzene	105	9.414	9.414	(1.088)	3072793	200.000	200
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	221750	50.0000	48
90	Camphene (total)	41	9.584	9.584	(1.108)	202441	200.000	200
91	Bromobenzene	156	9.682	9.682	(0.930)	846070	200.000	190
92	1,1,2,2-Tetrachloroethane	83	9.700	9.694	(0.932)	668618	200.000	190
95	n-Propylbenzene	91	9.718	9.718	(0.934)	3541839	200.000	190
93	1,2,3-Trichloropropane	110	9.742	9.736	(0.936)	216988	200.000	180
94	trans-1,4-Dichloro-2-butene	53	9.742	9.743	(0.936)	160513	200.000	200
96	2-Chlorotoluene	91	9.809	9.809	(0.943)	2125908	200.000	190
97	1,3,5-Trimethylbenzene	105	9.852	9.846	(0.947)	2605105	200.000	190
99	Butyl Methacrylate	87	9.907	9.901	(0.952)	922247	200.000	200
98	4-Chlorotoluene	91	9.895	9.895	(0.951)	2234083	200.000	190
100	tert-Butylbenzene	119	10.077	10.077	(0.968)	2263642	200.000	190
101	1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	2724767	200.000	200
102	2-Octanone	43	10.199	10.199	(0.980)	756407	200.000	200
104	2-Octanol	45	10.223	10.223	(0.982)	178333	200.000	200(A)
103	sec-Butylbenzene	105	10.235	10.235	(0.984)	3252804	200.000	200
107	p-Isopropyltoluene	119	10.333	10.333	(0.993)	2899263	200.000	200
105	1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	1639913	200.000	190
* 108	1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	297125	50.0000	
109	1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	1669572	200.000	190
110	Benzyl Chloride	91	10.527	10.527	(1.012)	1477315	200.000	200
173	Indan	117	10.582	10.576	(1.017)	2553822	200.000	190
106	n-Butylbenzene	91	10.625	10.619	(1.021)	2542212	200.000	200
111	1,2-Dichlorobenzene	146	10.691	10.692	(1.027)	1585332	200.000	190
112	1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	120586	200.000	200
113	Camphor	95	11.787	11.787	(1.133)	296197	1000.00	1000
114	1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	972093	200.000	200
115	Hexachlorobutadiene	225	11.951	11.951	(1.148)	449707	200.000	190

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61271.d
Report Date: 14-Oct-2011 08:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	2018025	200.000	200
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	756782	200.000	200
M 120 1,2-Dichloroethene (Total)	100				1317282	400.000	390
M 121 Xylene (Total)	100				3740145	600.000	590

QC Flag Legend

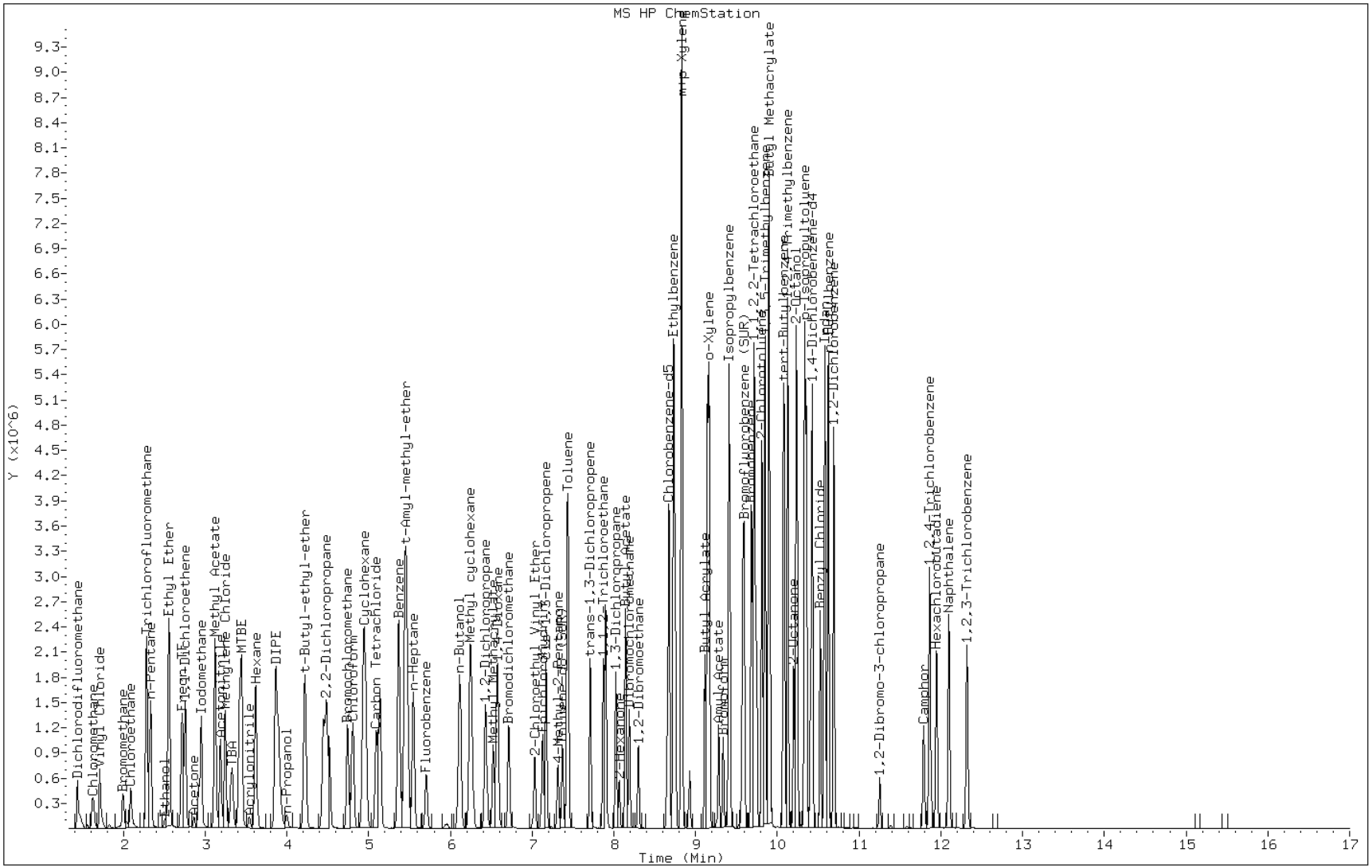
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: c61271.d

Date: 14-OCT-2011 01:09

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VM8CAL5 Operator:



Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61272.d
Report Date: 14-Oct-2011 08:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61272.d
Lab Smp Id: IC-VM8CAL6
Inj Date : 14-OCT-2011 01:32
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VM8CAL6
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/8260_09.m
Meth Date : 14-Oct-2011 08:53 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 01:32 Cal File: c61272.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	1575789	500.000	480
3 Chloromethane	50	1.621	1.621	(0.284)	1379525	500.000	480
4 Vinyl Chloride	62	1.712	1.706	(0.300)	1728580	500.000	490
6 Bromomethane	94	1.998	1.998	(0.350)	543681	500.000	500
5 Chloroethane	64	2.095	2.096	(0.367)	1078342	500.000	500
7 Trichlorofluoromethane	101	2.290	2.284	(0.401)	2730521	500.000	490
176 Dichlorofluoromethane	67	2.284	2.278	(0.400)	2826694	500.000	500(A)
9 Ethanol	46	2.509	2.503	(0.440)	51011	6000.00	5500
11 Ethyl Ether	59	2.546	2.546	(0.446)	1252210	500.000	490
10 Isoprene	67	2.564	2.564	(0.449)	2169222	500.000	490
14 Freon TF	101	2.716	2.716	(0.476)	1510366	500.000	490
13 Acrolein	56	2.728	2.728	(0.478)	160502	400.000	400
15 1,1-Dichloroethene	96	2.759	2.759	(0.483)	1423523	500.000	490
16 Acetone	43	2.862	2.862	(0.501)	314690	500.000	490
18 Carbon Disulfide	76	2.953	2.953	(0.517)	3847908	500.000	490
27 Methyl Acetate	43	3.124	3.124	(0.547)	1421650	500.000	490

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61272.d
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		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	172 Cyclopentene	67	3.118	3.124	(0.546)	3521058	500.000	510(A)
	21 Acetonitrile	39	3.191	3.191	(0.559)	557677	10000.0	10000(A)
	22 Methylene Chloride	84	3.245	3.245	(0.568)	1629987	500.000	490
	24 TBA	59	3.337	3.324	(0.584)	2474718	10000.0	10000(A)
	28 MTBE	73	3.422	3.422	(0.599)	4793389	500.000	490
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	1637978	500.000	500(A)
	26 Acrylonitrile	53	3.543	3.543	(0.621)	200680	200.000	200(A)
	29 Hexane	56	3.616	3.616	(0.633)	1179732	500.000	500(A)
	32 DIPE	45	3.866	3.866	(0.677)	4393557	500.000	490
	30 1,1-Dichloroethane	63	3.896	3.896	(0.682)	2656737	500.000	490
	31 Vinyl Acetate	43	3.921	3.914	(0.687)	1366541	500.000	500(A)
	34 n-Propanol	60	4.006	4.000	(0.702)	52459	6000.00	6000(A)
	35 t-Butyl-ethyl-ether	59	4.225	4.219	(0.740)	4720528	500.000	490
	37 2,2-Dichloropropane	77	4.450	4.450	(0.779)	2472320	500.000	490
	36 cis-1,2-Dichloroethene	96	4.486	4.486	(0.786)	1811884	500.000	500
	38 2-Butanone	72	4.523	4.517	(0.792)	190904	500.000	500(A)
	39 Ethyl Acetate	70	4.523	4.523	(0.792)	346176	1000.00	1000(A)
	40 Bromochloromethane	128	4.742	4.736	(0.831)	838182	500.000	470
	41 Tetrahydrofuran	42	4.754	4.748	(0.833)	351882	500.000	490
	42 Chloroform	83	4.809	4.803	(0.842)	2819881	500.000	490
	44 Cyclohexane	56	4.937	4.937	(0.865)	2508644	500.000	500(A)
	43 1,1,1-Trichloroethane	97	4.961	4.961	(0.869)	2642483	500.000	500
	45 Carbon Tetrachloride	117	5.095	5.095	(0.892)	2285675	500.000	500(A)
	46 1,1-Dichloropropene	75	5.137	5.131	(0.900)	2200521	500.000	500(A)
	48 Benzene	78	5.368	5.362	(0.620)	6079471	500.000	460
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.945)	185392	50.0000	50
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.955)	4538713	500.000	490
	61 Isopropyl Acetate	43	5.454	5.454	(0.955)	5921351	1000.00	970
	49 1,2-Dichloroethane	62	5.484	5.478	(0.961)	2051566	500.000	480
	51 n-Heptane	57	5.545	5.551	(0.971)	487721	500.000	510(A)
*	52 Fluorobenzene	96	5.709	5.703	(1.000)	691425	50.0000	
	53 n-Butanol	56	6.098	6.092	(1.068)	198804	3000.00	3200(A)
	54 Trichloroethene	95	6.117	6.111	(1.071)	1596217	500.000	490
	56 Methyl cyclohexane	83	6.245	6.245	(1.094)	2732543	500.000	500
	55 Ethyl Acrylate	55	6.269	6.263	(1.098)	3674785	500.000	500(A)
	57 1,2-Dichloropropane	63	6.433	6.433	(1.127)	1467640	500.000	480
	59 Methyl Methacrylate	100	6.524	6.524	(1.143)	499942	500.000	510(A)
	60 1,4-Dioxane	88	6.567	6.555	(1.150)	12278	300.000	360(A)
	58 Dibromomethane	93	6.567	6.561	(1.150)	899012	500.000	470
	75 Propyl Acetate	43	6.585	6.579	(1.153)	3508617	1000.00	1000(A)
	68 Bromodichloromethane	83	6.719	6.713	(1.177)	2083563	500.000	490
	62 2-Chloroethyl Vinyl Ether	63	7.035	7.029	(1.232)	915474	500.000	510(A)
	63 Epichlorohydrin	57	7.133	7.127	(0.824)	2328011	10000.0	9700
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	2606361	500.000	480
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.845)	1183064	500.000	500(A)
$	65 Toluene-d8 (SUR)	98	7.376	7.370	(0.852)	614811	50.0000	50
	66 Toluene	91	7.437	7.431	(0.859)	6580831	500.000	450

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.891)	2446006	500.000	490
	69 1,1,2-Trichloroethane	83	7.875	7.869	(0.910)	1170697	500.000	470
	71 Tetrachloroethene	166	7.905	7.899	(0.914)	1942090	500.000	480
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	2441874	500.000	480
	73 2-Hexanone	43	8.070	8.063	(0.932)	804669	500.000	500(A)
	76 Butyl Acetate	73	8.143	8.143	(0.941)	808661	1000.00	1000(A)
	74 Dibromochloromethane	129	8.191	8.185	(0.947)	1717921	500.000	500
	77 1,2-Dibromoethane	107	8.301	8.295	(0.959)	1474782	500.000	480
*	78 Chlorobenzene-d5	117	8.654	8.654	(1.000)	528798	50.0000	
	79 Chlorobenzene	112	8.678	8.672	(1.003)	4551024	500.000	460
	81 Ethylbenzene	106	8.733	8.733	(1.009)	2603786	500.000	480
	80 1,1,1,2-Tetrachloroethane	131	8.751	8.745	(1.011)	1698006	500.000	490
	82 m+p-Xylene	106	8.830	8.824	(1.020)	5965551	1000.00	910
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	1221891	500.000	500(A)
	84 o-Xylene	106	9.146	9.140	(1.057)	3123635	500.000	470
	85 Styrene	104	9.165	9.165	(1.059)	5246448	500.000	460
	87 Amyl Acetate	43	9.280	9.280	(0.892)	1420984	500.000	510(A)
	86 Bromoform	173	9.341	9.335	(1.079)	1116126	500.000	510(A)
	88 Isopropylbenzene	105	9.414	9.414	(1.088)	7053725	500.000	490
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	238252	50.0000	49
	90 Camphene (total)	41	9.584	9.584	(1.108)	523410	500.000	500
	91 Bromobenzene	156	9.682	9.682	(0.930)	2154139	500.000	460
	92 1,1,2,2-Tetrachloroethane	83	9.700	9.694	(0.932)	1792068	500.000	470
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	7950270	500.000	420
	93 1,2,3-Trichloropropane	110	9.743	9.736	(0.936)	587883	500.000	470
	94 trans-1,4-Dichloro-2-butene	53	9.749	9.743	(0.937)	455816	500.000	500(A)
	96 2-Chlorotoluene	91	9.816	9.809	(0.943)	5345007	500.000	450
	97 1,3,5-Trimethylbenzene	105	9.852	9.846	(0.947)	6355916	500.000	450
	99 Butyl Methacrylate	87	9.907	9.901	(0.952)	2626382	500.000	500(A)
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	5576441	500.000	450
	100 tert-Butylbenzene	119	10.083	10.077	(0.969)	5766283	500.000	470
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	6543265	500.000	490
	102 2-Octanone	43	10.199	10.199	(0.980)	2284225	500.000	510(A)
	104 2-Octanol	45	10.223	10.223	(0.982)	745188	500.000	790(A)
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	7508007	500.000	490
	107 p-Isopropyltoluene	119	10.339	10.333	(0.994)	6750506	500.000	490
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	4191994	500.000	460
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	319058	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	4224035	500.000	460
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	3998242	500.000	500(A)
	173 Indan	117	10.582	10.576	(1.017)	6159992	500.000	450
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	5990391	500.000	440
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	3975135	500.000	460
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	323398	500.000	500(A)
	113 Camphor	95	11.787	11.787	(1.133)	949930	2500.00	2600(A)
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	2494397	500.000	480
	115 Hexachlorobutadiene	225	11.951	11.951	(1.148)	1164782	500.000	470

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61272.d
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						AMOUNTS	
	QUANT SIG					CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
==========	====	==	======	======	========	=======	=======
116 Naphthalene	128	12.097	12.097	(1.163)	5318666	500.000	500
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	2029738	500.000	500
M 120 1,2-Dichloroethene (Total)	100				3449862	1000.00	1000
M 121 Xylene (Total)	100				9089186	1500.00	1400

QC Flag Legend

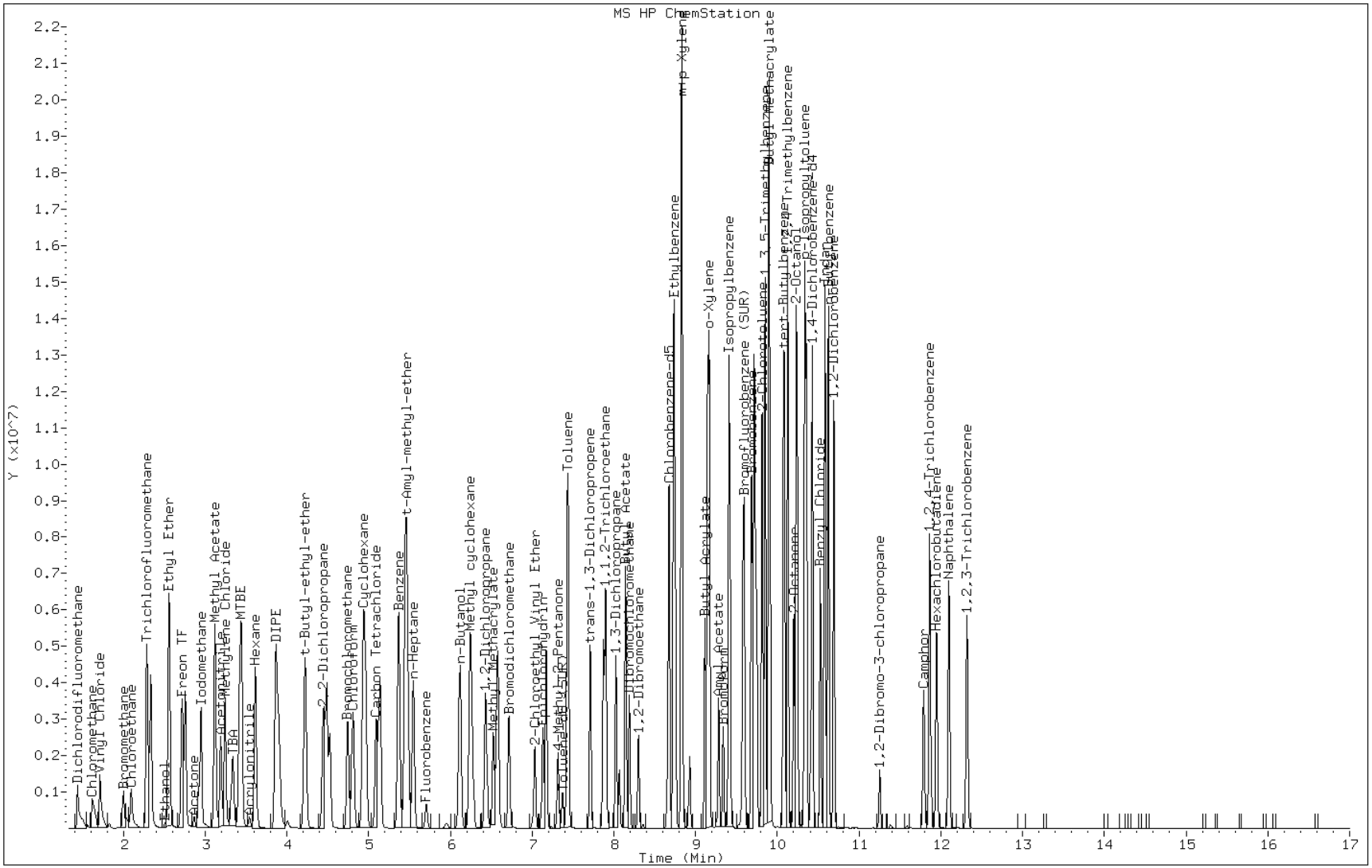
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: c61272.d

Date: 14-OCT-2011 01:32

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VM8CAL6 Operator:



Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61282.d
Report Date: 14-Oct-2011 08:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61282.d
Lab Smp Id: IC-VM8CAL2
Inj Date : 14-OCT-2011 05:22
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VM8CAL2
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/8260_09.m
Meth Date : 14-Oct-2011 08:53 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 05:22 Cal File: c61282.d
Als bottle: 16 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.439	1.438	(0.252)	16282	5.00000	5.0
3 Chloromethane	50	1.633	1.621	(0.286)	13334	5.00000	4.8
4 Vinyl Chloride	62	1.706	1.706	(0.299)	17183	5.00000	5.0
6 Bromomethane	94	1.986	1.998	(0.348)	4803	5.00000	4.6
5 Chloroethane	64	2.083	2.096	(0.365)	12068	5.00000	5.7
7 Trichlorofluoromethane	101	2.278	2.284	(0.399)	27326	5.00000	4.9
176 Dichlorofluoromethane	67	2.278	2.278	(0.399)	18756	5.00000	3.4
9 Ethanol	46	2.503	2.503	(0.439)	19753	2000.00	2100
11 Ethyl Ether	59	2.540	2.546	(0.445)	12508	5.00000	5.0
10 Isoprene	67	2.552	2.564	(0.447)	18695	5.00000	4.4
14 Freon TF	101	2.722	2.716	(0.477)	14254	5.00000	4.7
13 Acrolein	56	2.722	2.728	(0.477)	7421	20.0000	19
15 1,1-Dichloroethene	96	2.759	2.759	(0.484)	14987	5.00000	5.2
16 Acetone	43	2.862	2.862	(0.502)	18091	15.0000	29
18 Carbon Disulfide	76	2.953	2.953	(0.518)	39086	5.00000	5.0
27 Methyl Acetate	43	3.124	3.124	(0.548)	15875	5.00000	5.4

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61282.d
Report Date: 14-Oct-2011 08:53

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	172 Cyclopentene	67	3.118	3.124	(0.547)	25621	5.00000	4.0
	21 Acetonitrile	39	3.185	3.191	(0.558)	6561	100.000	120
	22 Methylene Chloride	84	3.245	3.245	(0.569)	16706	5.00000	5.1
	24 TBA	59	3.331	3.324	(0.584)	22193	100.000	92
	28 MTBE	73	3.422	3.422	(0.600)	42458	5.00000	4.5
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	16049	5.00000	5.0
	26 Acrylonitrile	53	3.537	3.543	(0.620)	9352	10.0000	9.7
	29 Hexane	56	3.610	3.616	(0.633)	10722	5.00000	4.7
	32 DIPE	45	3.866	3.866	(0.678)	38264	5.00000	4.4
	30 1,1-Dichloroethane	63	3.896	3.896	(0.683)	25205	5.00000	4.8
	31 Vinyl Acetate	43	3.927	3.914	(0.689)	8601	5.00000	3.2
	34 n-Propanol	60	3.994	4.000	(0.700)	18102	2000.00	2100
	35 t-Butyl-ethyl-ether	59	4.225	4.219	(0.741)	40573	5.00000	4.4
	37 2,2-Dichloropropane	77	4.450	4.450	(0.780)	20872	5.00000	4.3
	36 cis-1,2-Dichloroethene	96	4.486	4.486	(0.787)	18377	5.00000	5.1
	38 2-Butanone	72	4.517	4.517	(0.792)	4015	15.0000	11
	39 Ethyl Acetate	70	4.523	4.523	(0.793)	2948	10.0000	9.0
	40 Bromochloromethane	128	4.742	4.736	(0.831)	8946	5.00000	5.1
	41 Tetrahydrofuran	42	4.748	4.748	(0.833)	3393	5.00000	4.8
	42 Chloroform	83	4.803	4.803	(0.842)	27976	5.00000	5.0
	44 Cyclohexane	56	4.943	4.937	(0.867)	21106	5.00000	4.4
	43 1,1,1-Trichloroethane	97	4.955	4.961	(0.869)	24965	5.00000	4.8
	45 Carbon Tetrachloride	117	5.095	5.095	(0.893)	20527	5.00000	4.7
	46 1,1-Dichloropropene	75	5.137	5.131	(0.901)	19923	5.00000	4.7
	48 Benzene	78	5.362	5.362	(0.620)	63945	5.00000	5.3
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.387	5.393	(0.945)	185828	50.0000	51
	50 t-Amyl-methyl-ether	73	5.448	5.454	(0.955)	39887	5.00000	4.5
	61 Isopropyl Acetate	43	5.448	5.454	(0.955)	52362	10.0000	9.0
	49 1,2-Dichloroethane	62	5.484	5.478	(0.962)	20441	5.00000	4.9
	51 n-Heptane	57	5.551	5.551	(0.973)	3995	5.00000	4.4(a)
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	681369	50.0000	
	53 n-Butanol	56	6.099	6.092	(1.069)	61876	1000.00	1000
	54 Trichloroethene	95	6.117	6.111	(1.073)	16429	5.00000	5.1
	56 Methyl cyclohexane	83	6.245	6.245	(1.095)	20815	5.00000	4.0
	55 Ethyl Acrylate	55	6.263	6.263	(1.098)	30041	5.00000	4.3
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	14831	5.00000	5.0
	59 Methyl Methacrylate	100	6.531	6.524	(1.145)	4034	5.00000	4.3
	60 1,4-Dioxane	88	6.555	6.555	(1.149)	3175	100.000	97
	58 Dibromomethane	93	6.561	6.561	(1.150)	9629	5.00000	5.1
	75 Propyl Acetate	43	6.579	6.579	(1.154)	27933	10.0000	8.4
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	18781	5.00000	4.6
	62 2-Chloroethyl Vinyl Ether	63	7.029	7.029	(1.233)	6320	5.00000	3.8
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	20318	100.000	95
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	19650	5.00000	4.2
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.845)	22460	15.0000	11
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	537099	50.0000	49
	66 Toluene	91	7.437	7.431	(0.859)	67726	5.00000	5.1

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61282.d
Report Date: 14-Oct-2011 08:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.891)	19127	5.00000	4.4
	69 1,1,2-Trichloroethane	83	7.875	7.869	(0.910)	11221	5.00000	5.0
	71 Tetrachloroethene	166	7.905	7.899	(0.914)	17057	5.00000	4.8
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	22794	5.00000	5.0
	73 2-Hexanone	43	8.064	8.063	(0.932)	14273	15.0000	10
	76 Butyl Acetate	73	8.143	8.143	(0.941)	5132	10.0000	7.8
	74 Dibromochloromethane	129	8.185	8.185	(0.946)	13900	5.00000	4.6
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	13319	5.00000	4.9
*	78 Chlorobenzene-d5	117	8.654	8.654	(1.000)	474231	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.002)	44647	5.00000	5.0
	81 Ethylbenzene	106	8.733	8.733	(1.009)	20244	5.00000	4.3
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	15529	5.00000	5.0
	82 m+p-Xylene	106	8.830	8.824	(1.020)	54977	10.0000	9.5
	83 Butyl Acrylate	73	9.116	9.110	(1.053)	6150	5.00000	2.8
	84 o-Xylene	106	9.146	9.140	(1.057)	27527	5.00000	4.7
	85 Styrene	104	9.165	9.165	(1.059)	44753	5.00000	4.5
	87 Amyl Acetate	43	9.280	9.280	(0.892)	9238	5.00000	3.8
	86 Bromoform	173	9.335	9.335	(1.079)	8877	5.00000	4.6
	88 Isopropylbenzene	105	9.414	9.414	(1.088)	60151	5.00000	4.6
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	213119	50.0000	50
	90 Camphene (total)	41	9.584	9.584	(1.108)	4289	5.00000	4.6
	91 Bromobenzene	156	9.682	9.682	(0.930)	18701	5.00000	4.6
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	15957	5.00000	4.8
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	74209	5.00000	4.5
	93 1,2,3-Trichloropropane	110	9.737	9.736	(0.936)	5989	5.00000	5.4
	94 trans-1,4-Dichloro-2-butene	53	9.749	9.743	(0.937)	3116	5.00000	3.9
	96 2-Chlorotoluene	91	9.810	9.809	(0.943)	47346	5.00000	4.7
	97 1,3,5-Trimethylbenzene	105	9.846	9.846	(0.946)	54912	5.00000	4.5
	99 Butyl Methacrylate	87	9.901	9.901	(0.951)	17044	5.00000	3.7
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	51572	5.00000	4.8
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	44950	5.00000	4.3
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	53990	5.00000	4.6
	102 2-Octanone	43	10.199	10.199	(0.980)	14199	5.00000	3.6
	104 2-Octanol	45	10.223	10.223	(0.982)	2695	5.00000	3.2(a)
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	70026	5.00000	5.2
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	56183	5.00000	4.6
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	38607	5.00000	4.9
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	280012	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	41761	5.00000	5.2
	110 Benzyl Chloride	91	10.521	10.527	(1.011)	22323	5.00000	3.2
	173 Indan	117	10.576	10.576	(1.016)	49051	5.00000	4.2
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	50909	5.00000	4.4
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	37626	5.00000	5.0
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	2963	5.00000	5.2
	113 Camphor	95	11.787	11.787	(1.133)	5434	25.0000	17
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	19742	5.00000	4.4
	115 Hexachlorobutadiene	225	11.951	11.951	(1.148)	10532	5.00000	4.9

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61282.d
Report Date: 14-Oct-2011 08:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	36713	5.00000	4.1
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	15926	5.00000	4.5
M 120 1,2-Dichloroethene (Total)	100				34426	10.0000	10
M 121 Xylene (Total)	100				82504	15.0000	14

QC Flag Legend

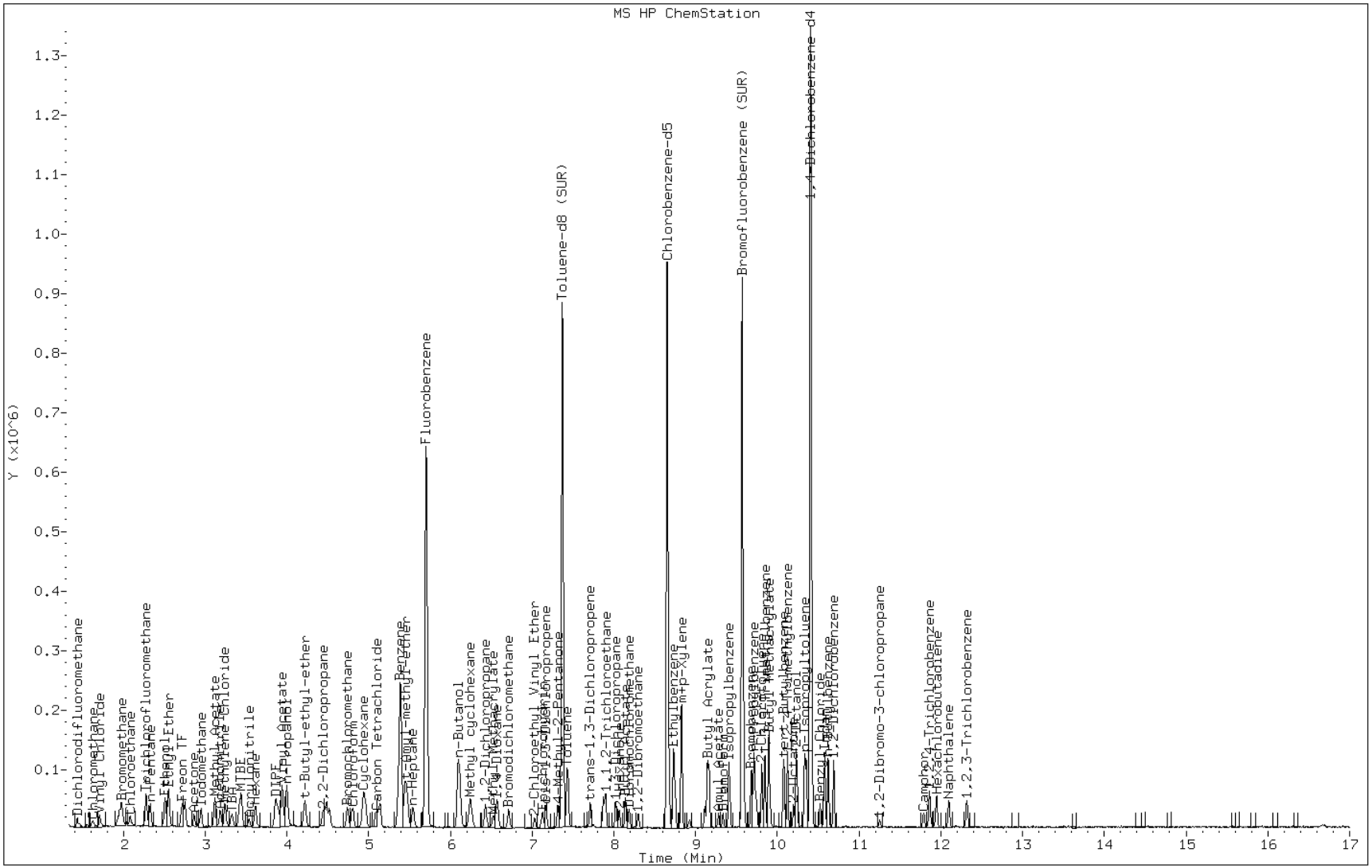
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61282.d

Date: 14-OCT-2011 05:22

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VM8CAL2 Operator:



Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61284.d
Report Date: 14-Oct-2011 08:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61284.d
Lab Smp Id: IC-VM8CAL1
Inj Date : 14-OCT-2011 06:08
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VM8CAL1
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/8260_09.m
Meth Date : 14-Oct-2011 08:53 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.439	1.438	(0.252)	2895	1.00000	0.94(a)
3 Chloromethane	50	1.621	1.621	(0.284)	3543	1.00000	1.2
4 Vinyl Chloride	62	1.706	1.706	(0.299)	3094	1.00000	0.94(a)
6 Bromomethane	94	1.998	1.998	(0.350)	1107	1.00000	1.1
5 Chloroethane	64	2.083	2.096	(0.365)	3119	1.00000	1.5
7 Trichlorofluoromethane	101	2.278	2.284	(0.399)	5591	1.00000	1.0
176 Dichlorofluoromethane	67	2.278	2.278	(0.399)	6638	1.00000	1.2
9 Ethanol	46	2.509	2.503	(0.440)	10640	1000.00	1200
11 Ethyl Ether	59	2.540	2.546	(0.445)	2568	1.00000	1.0
10 Isoprene	67	2.564	2.564	(0.450)	4347	1.00000	1.1
14 Freon TF	101	2.704	2.716	(0.474)	2565	1.00000	0.91(a)
13 Acrolein	56	2.722	2.728	(0.477)	2608	4.00000	6.9
15 1,1-Dichloroethene	96	2.753	2.759	(0.483)	3064	1.00000	1.1
16 Acetone	43	2.862	2.862	(0.502)	9035	10.0000	15
18 Carbon Disulfide	76	2.947	2.953	(0.517)	8344	1.00000	1.1
27 Methyl Acetate	43	3.130	3.124	(0.549)	3410	1.00000	1.2

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61284.d
Report Date: 14-Oct-2011 08:53

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	172 Cyclopentene	67	3.112	3.124	(0.546)	5778	1.00000	0.95(a)
	21 Acetonitrile	39	3.185	3.191	(0.558)	1467	20.0000	28
	22 Methylene Chloride	84	3.239	3.245	(0.568)	4080	1.00000	1.2
	24 TBA	59	3.331	3.324	(0.584)	6631	20.0000	29
	28 MTBE	73	3.422	3.422	(0.600)	8857	1.00000	0.98(a)
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	3374	1.00000	1.1
	26 Acrylonitrile	53	3.543	3.543	(0.621)	1736	2.00000	1.9(a)
	29 Hexane	56	3.610	3.616	(0.633)	2230	1.00000	1.0
	32 DIPE	45	3.866	3.866	(0.678)	9060	1.00000	1.1
	30 1,1-Dichloroethane	63	3.890	3.896	(0.682)	6092	1.00000	1.2
	31 Vinyl Acetate	43	3.915	3.914	(0.686)	2182	1.00000	0.85(a)
	34 n-Propanol	60	4.000	4.000	(0.701)	10082	1000.00	1200
	35 t-Butyl-ethyl-ether	59	4.219	4.219	(0.740)	9733	1.00000	1.1
	37 2,2-Dichloropropane	77	4.438	4.450	(0.778)	4969	1.00000	1.0
	36 cis-1,2-Dichloroethene	96	4.492	4.486	(0.788)	3659	1.00000	1.0
	38 2-Butanone	72	4.517	4.517	(0.792)	2564	10.0000	7.2(a)
	39 Ethyl Acetate	70	4.517	4.523	(0.792)	622	2.00000	2.0
	40 Bromochloromethane	128	4.736	4.736	(0.830)	1752	1.00000	1.0
	41 Tetrahydrofuran	42	4.748	4.748	(0.833)	868	1.00000	1.2
	42 Chloroform	83	4.803	4.803	(0.842)	5412	1.00000	1.00
	44 Cyclohexane	56	4.937	4.937	(0.866)	4877	1.00000	1.0
	43 1,1,1-Trichloroethane	97	4.967	4.961	(0.871)	5566	1.00000	1.1
	45 Carbon Tetrachloride	117	5.089	5.095	(0.892)	3796	1.00000	0.92(a)
	46 1,1-Dichloropropene	75	5.131	5.131	(0.900)	4131	1.00000	1.0
	48 Benzene	78	5.369	5.362	(0.620)	12569	1.00000	1.0
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	179846	50.0000	51
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.956)	6807	1.00000	0.83(a)
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	10835	2.00000	1.9(a)
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	4259	1.00000	1.0
	51 n-Heptane	57	5.557	5.551	(0.974)	1027	1.00000	1.1(a)
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	653264	50.0000	
	53 n-Butanol	56	6.099	6.092	(1.069)	31188	500.000	530
	54 Trichloroethene	95	6.117	6.111	(1.073)	2757	1.00000	0.90(a)
	56 Methyl cyclohexane	83	6.251	6.245	(1.096)	4695	1.00000	0.96(a)
	55 Ethyl Acrylate	55	6.263	6.263	(1.098)	7230	1.00000	1.1
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	3124	1.00000	1.1
	59 Methyl Methacrylate	100	6.530	6.524	(1.145)	929	1.00000	1.0
	60 1,4-Dioxane	88	6.543	6.555	(1.147)	1501	50.0000	48(a)
	58 Dibromomethane	93	6.561	6.561	(1.150)	1353	1.00000	0.78(a)
	75 Propyl Acetate	43	6.585	6.579	(1.155)	6308	2.00000	2.0
	68 Bromodichloromethane	83	6.719	6.713	(1.178)	4339	1.00000	1.1
	62 2-Chloroethyl Vinyl Ether	63	7.035	7.029	(1.234)	1490	1.00000	0.94(a)
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	4567	20.0000	21
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	4557	1.00000	0.99(a)
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.845)	12487	10.0000	5.9(a)
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	513116	50.0000	47
	66 Toluene	91	7.437	7.431	(0.859)	14414	1.00000	1.1

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61284.d
Report Date: 14-Oct-2011 08:53

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.717	7.711	(0.892)	3982	1.00000	0.94(a)
	69 1,1,2-Trichloroethane	83	7.869	7.869	(0.909)	2492	1.00000	1.1
	71 Tetrachloroethene	166	7.899	7.899	(0.913)	3193	1.00000	0.92(a)
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	4976	1.00000	1.1
	73 2-Hexanone	43	8.064	8.063	(0.932)	8074	10.0000	5.7(a)
	76 Butyl Acetate	73	8.143	8.143	(0.941)	908	2.00000	1.4(a)
	74 Dibromochloromethane	129	8.191	8.185	(0.947)	2655	1.00000	0.90(a)
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	2603	1.00000	0.97(a)
*	78 Chlorobenzene-d5	117	8.654	8.654	(1.000)	471272	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.002)	8032	1.00000	0.93(a)
	81 Ethylbenzene	106	8.727	8.733	(1.008)	4576	1.00000	0.99(a)
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	2725	1.00000	0.90(a)
	82 m+p-Xylene	106	8.824	8.824	(1.020)	9785	2.00000	1.7
	83 Butyl Acrylate	73	9.116	9.110	(1.053)	1211	1.00000	0.56(a)
	84 o-Xylene	106	9.140	9.140	(1.056)	4900	1.00000	0.87(a)
	85 Styrene	104	9.165	9.165	(1.059)	7132	1.00000	0.75(a)
	87 Amyl Acetate	43	9.280	9.280	(0.892)	1483	1.00000	0.63(a)
	86 Bromoform	173	9.335	9.335	(1.079)	1499	1.00000	0.81(a)
	88 Isopropylbenzene	105	9.408	9.414	(1.087)	9725	1.00000	0.75(a)
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	203759	50.0000	49
	90 Camphene (total)	41	9.591	9.584	(1.108)	1065	1.00000	1.1
	91 Bromobenzene	156	9.682	9.682	(0.930)	4640	1.00000	1.2
	92 1,1,2,2-Tetrachloroethane	83	9.700	9.694	(0.932)	3458	1.00000	1.1
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	13912	1.00000	0.90(a)
	93 1,2,3-Trichloropropane	110	9.743	9.736	(0.936)	1032	1.00000	0.97(a)
	94 trans-1,4-Dichloro-2-butene	53	9.743	9.743	(0.936)	1164	1.00000	1.5
	96 2-Chlorotoluene	91	9.810	9.809	(0.943)	8363	1.00000	0.88(a)
	97 1,3,5-Trimethylbenzene	105	9.846	9.846	(0.946)	8407	1.00000	0.75(a)
	99 Butyl Methacrylate	87	9.907	9.901	(0.952)	2861	1.00000	0.65(a)
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	8597	1.00000	0.85(a)
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	7447	1.00000	0.78(a)
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	7944	1.00000	0.70(a)
	102 2-Octanone	43	10.199	10.199	(0.980)	2538	1.00000	0.67(a)
	104 2-Octanol	45	10.217	10.223	(0.982)	1081	1.00000	1.4(a)
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	9679	1.00000	0.74(a)
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	8595	1.00000	0.73(a)
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	7028	1.00000	0.94(a)
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	269510	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	8186	1.00000	1.0
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	5774	1.00000	0.86(a)
	173 Indan	117	10.576	10.576	(1.016)	11664	1.00000	1.0
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	8450	1.00000	0.79(a)
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	7110	1.00000	0.98(a)
	112 1,2-Dibromo-3-chloropropane	75	11.245	11.251	(1.081)	708	1.00000	1.2
	113 Camphor	95	11.793	11.787	(1.133)	1582	5.00000	5.0
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	4590	1.00000	1.1
	115 Hexachlorobutadiene	225	11.951	11.951	(1.148)	2219	1.00000	1.0

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61284.d
Report Date: 14-Oct-2011 08:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	12.103	12.097	(1.163)	8539	1.00000	0.99(a)
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	3847	1.00000	1.1
M 120 1,2-Dichloroethene (Total)	100				7033	2.00000	2.1
M 121 Xylene (Total)	100				14685	3.00000	2.6(a)

QC Flag Legend

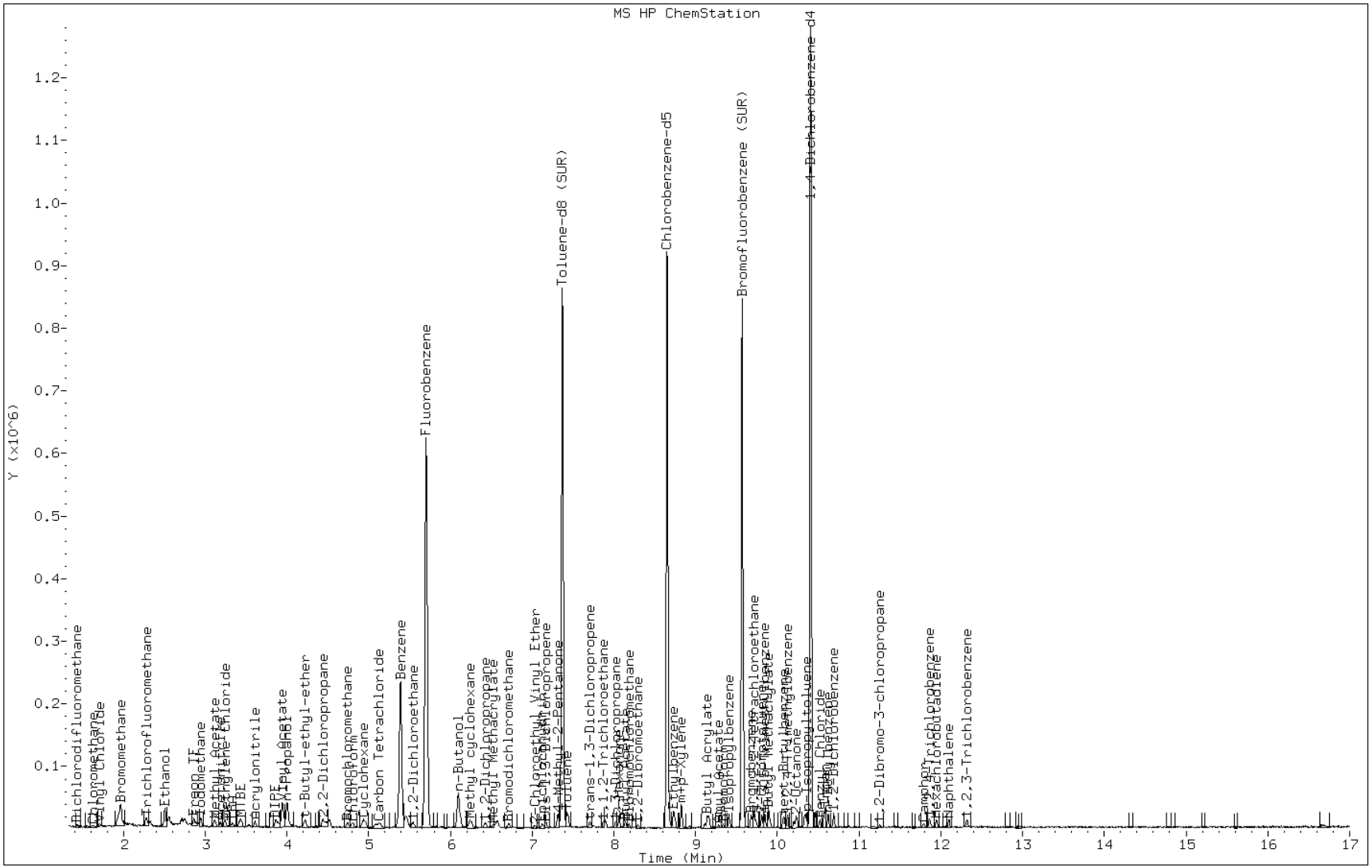
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61284.d

Date: 14-OCT-2011 06:08

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VM8CAL1 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90116/2 Calibration Date: 10/19/2011 18:52

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61514.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2348	0.2235		19.0	20.0	-4.8	50.0
Chloromethane	Ave	0.2161	0.1665	0.1000	15.4	20.0	-23.0	50.0
Vinyl chloride	Ave	0.2505	0.2136		17.1	20.0	-14.7	20.0
Bromomethane	Ave	0.0783	0.0416		10.6	20.0	-46.9	50.0
Chloroethane	LinF	0.1787	0.1535		19.6	20.0	-1.9	50.0
Trichlorofluoromethane	Ave	0.4090	0.4435		21.7	20.0	8.4	50.0
Ethanol	Ave	0.0007	0.0005		2290	3000	-23.6	50.0
Ethyl ether	Ave	0.1872	0.1634		17.5	20.0	-12.7	50.0
Isopropene	Ave	0.3137	0.2853		18.2	20.0	-9.0	50.0
Freon TF	Ave	0.2166	0.2207		20.4	20.0	1.9	50.0
Acrolein	LinF	0.0332	0.0227		31.3	40.0	-21.8	99.0
1,1-Dichloroethene	Ave	0.2153	0.1913		17.8	20.0	-11.1	20.0
Acetone	LinF	0.0684	0.0479		20.6	20.0	3.1	50.0
Carbon disulfide	Ave	0.5792	0.5223		18.0	20.0	-9.8	50.0
Methyl acetate	Ave	0.2217	0.1757		15.9	20.0	-20.7	50.0
Acetonitrile	LinF	0.0044	0.0031		304	400	-23.9	50.0
Methylene Chloride	Ave	0.2531	0.2268		17.9	20.0	-10.4	50.0
TBA	LinF	0.0187	0.0130		293	400	-26.6	50.0
MTBE	Ave	0.6877	0.6149		17.9	20.0	-10.6	50.0
trans-1,2-Dichloroethene	Ave	0.2393	0.2266		18.9	20.0	-5.3	50.0
Acrylonitrile	Ave	0.0702	0.0557		15.9	20.0	-20.6	50.0
Hexane	Ave	0.1676	0.1405		16.8	20.0	-16.2	50.0
DIPE	Ave	0.6428	0.5298		16.5	20.0	-17.6	50.0
1,1-Dichloroethane	Ave	0.4006	0.3535	0.1000	17.6	20.0	-11.8	50.0
Vinyl acetate	LinF	0.1798	0.1292		13.2	20.0	-34.1	50.0
Tert-butyl ethyl ether	Ave	0.6853	0.5887	0.0100	17.2	20.0	-14.1	50.0
2,2-Dichloropropane	Ave	0.3594	0.3377		18.8	20.0	-6.0	50.0
cis-1,2-Dichloroethene	Ave	0.2678	0.2519		18.8	20.0	-6.0	50.0
2-Butanone	LinF	0.0253	0.0229		16.7	20.0	-16.6	50.0
Ethyl acetate	Ave	0.0241	0.0216		35.8	40.0	-10.5	50.0
Bromochloromethane	Ave	0.1299	0.1270		19.5	20.0	-2.3	50.0
Tetrahydrofuran	Ave	0.0539	0.0404		15.0	20.0	-25.1	50.0
Chloroform	Ave	0.4143	0.4188		20.2	20.0	1.1	20.0
Cyclohexane	Ave	0.3550	0.2910		16.4	20.0	-18.0	50.0
1,1,1-Trichloroethane	Ave	0.3887	0.3964		20.4	20.0	2.0	50.0
Carbon tetrachloride	Ave	0.3169	0.3310		20.9	20.0	4.4	50.0
1,1-Dichloropropene	Ave	0.3133	0.2872		18.3	20.0	-8.3	50.0
Benzene	Ave	1.284	1.152		17.9	20.0	-10.3	50.0
Isopropyl acetate	Ave	0.4266	0.3389		31.8	40.0	-20.6	50.0
Tert-amyl methyl ether	Ave	0.6293	0.5365		17.1	20.0	-14.7	50.0
1,2-Dichloroethane	Ave	0.3105	0.3057		19.7	20.0	-1.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90116/2 Calibration Date: 10/19/2011 18:52

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61514.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Heptane	Ave	0.1480	0.0492		14.3	20.0	-28.6	50.0
n-Butanol	Ave	0.0045	0.0029		973	1500	-35.1	50.0
Trichloroethene	Ave	0.2329	0.2296		19.7	20.0	-1.4	50.0
Methylcyclohexane	Ave	0.3759	0.3287		17.5	20.0	-12.5	50.0
Ethyl acrylate	Ave	0.5178	0.4060		15.7	20.0	-21.6	50.0
1,2-Dichloropropane	Ave	0.2229	0.1926		17.3	20.0	-13.6	20.0
Methyl methacrylate	Ave	0.0691	0.0552		16.0	20.0	-20.1	50.0
1,4-Dioxane	Ave	0.0024	0.0019		119	150	-20.6	50.0
Dibromomethane	Ave	0.1333	0.1302		19.5	20.0	-2.3	50.0
Propyl acetate	Ave	0.2429	0.1734		28.6	40.0	-28.6	50.0
Bromodichloromethane	Ave	0.3067	0.2928		19.1	20.0	-4.5	50.0
2-Chloroethyl vinyl ether	Ave	0.1210	0.0831		13.7	20.0	-31.3	50.0
Epichlorohydrin	Ave	0.0228	0.0157		275	400	-31.3	50.0
cis-1,3-Dichloropropene	Ave	0.4890	0.4123		16.9	20.0	-15.7	50.0
4-Methyl-2-pentanone	LinF	0.1961	0.1416		12.7	20.0	-36.5	50.0
Toluene	Ave	1.411	1.275		18.1	20.0	-9.7	20.0
trans-1,3-Dichloropropene	Ave	0.4500	0.3543		15.7	20.0	-21.3	50.0
1,1,2-Trichloroethane	Ave	0.2405	0.2016		16.8	20.0	-16.2	50.0
Tetrachloroethene	Ave	0.3700	0.3296		17.8	20.0	-10.9	50.0
1,3-Dichloropropane	Ave	0.4905	0.4140		16.9	20.0	-15.6	50.0
2-Hexanone	LinF	0.1282	0.0924		12.2	20.0	-38.9	50.0
Butyl acetate	LinF	0.0661	0.0496		26.1	40.0	-34.6	50.0
Dibromochloromethane	Ave	0.3140	0.2949		18.8	20.0	-6.1	50.0
1,2-Dibromoethane	Ave	0.2854	0.2557		17.9	20.0	-10.4	50.0
Chlorobenzene	Ave	0.9184	0.8481	0.3000	18.5	20.0	-7.7	50.0
Ethylbenzene	Ave	0.4921	0.4345		17.7	20.0	-11.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3200	0.3075		19.2	20.0	-3.9	50.0
m&p-Xylene	Ave	0.5967	0.5711		38.3	40.0	-4.3	50.0
Butyl acrylate	LinF	0.1830	0.1390		12.2	20.0	-39.1	50.0
o-Xylene	Ave	0.6000	0.5549		18.5	20.0	-7.5	50.0
Styrene	Ave	1.005	0.9762		19.4	20.0	-2.8	50.0
Amly acetate	LinF	0.3731	0.2617		11.9	20.0	-40.3	50.0
Bromoform	Ave	0.1963	0.1889	0.1000	19.2	20.0	-3.8	50.0
Isopropylbenzene	LinF	1.376	1.309		19.1	20.0	-4.4	50.0
Camphene, Total	Ave	0.1004	0.0842		16.8	20.0	-16.2	50.0
Monobromobenzene	Ave	0.7435	0.6817		18.3	20.0	-8.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5968	0.5026	0.3000	16.8	20.0	-15.8	50.0
N-Propylbenzene	Ave	2.869	2.671		18.6	20.0	-6.9	50.0
1,2,3-Trichloropropane	Ave	0.1975	0.1845		18.7	20.0	-6.6	50.0
trans-1,4-Dichloro-2-butene	LinF	0.1467	0.1211		17.1	20.0	-14.6	50.0
2-Chlorotoluene	Ave	1.769	1.693		19.1	20.0	-4.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90116/2 Calibration Date: 10/19/2011 18:52

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61514.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.068	2.061		19.9	20.0	-0.3	50.0
4-Chlorotoluene	Ave	1.872	1.852		19.8	20.0	-1.1	50.0
Butyl Methacrylate	LinF	0.7242	0.6055		14.8	20.0	-25.9	50.0
tert-Butylbenzene	Ave	1.781	1.620		18.2	20.0	-9.0	50.0
1,2,4-Trimethylbenzene	LinF	2.112	2.099		20.1	20.0	0.4	50.0
2-Octanone	LinF	0.5945	0.4129		11.7	20.0	-41.4	50.0
2-Octanol	LinF	0.1379	0.0791		10.7	20.0	-46.6	50.0
sec-Butylbenzene	LinF	2.556	2.423		20.0	20.0	0.2	50.0
p-Isopropyltoluene	LinF	2.210	2.054		18.9	20.0	-5.3	50.0
1,3-Dichlorobenzene	Ave	1.390	1.287		18.5	20.0	-7.5	50.0
1,4-Dichlorobenzene	Ave	1.458	1.324		18.2	20.0	-9.2	50.0
Benzyl chloride	LinF	1.130	0.9179		14.7	20.0	-26.6	50.0
n-Butylbenzene	Ave	1.973	1.663		16.9	20.0	-15.7	50.0
1,2-Dichlorobenzene	Ave	1.345	1.193		17.7	20.0	-11.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1065	0.0821		15.4	20.0	-23.0	50.0
Camphor	LinF	0.0491	0.0269		46.1	100	-53.9*	50.0
1,2,4-Trichlorobenzene	Ave	0.8008	0.6303		15.7	20.0	-21.3	50.0
Hexachlorobutadiene	Ave	0.3888	0.3190		16.4	20.0	-18.0	50.0
Naphthalene	Ave	1.604	1.181		14.7	20.0	-26.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6421	0.4612		14.4	20.0	-28.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2701	0.2801		51.9	50.0	3.7	50.0
Toluene-d8 (Surr)	Ave	1.149	1.133		49.3	50.0	-1.4	50.0
Bromofluorobenzene	Ave	0.7646	0.7653		50.1	50.0	0.1	50.0

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61514.d
Report Date: 19-Oct-2011 19:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61514.d
Lab Smp Id: CCVIS
Inj Date : 19-OCT-2011 18:52
Operator : Inst ID: VOAMS3.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.439	1.439	(0.252)	44947	20.0000	19
3 Chloromethane	50	1.621	1.621	(0.284)	33475	20.0000	15
4 Vinyl Chloride	62	1.712	1.712	(0.300)	42958	20.0000	17
6 Bromomethane	94	2.010	2.010	(0.352)	8362	20.0000	11
5 Chloroethane	64	2.102	2.102	(0.368)	30869	20.0000	20
7 Trichlorofluoromethane	101	2.290	2.290	(0.402)	89190	20.0000	22
176 Dichlorofluoromethane	67	2.284	2.284	(0.400)	79579	20.0000	19
9 Ethanol	46	2.497	2.497	(0.438)	16161	3000.00	2300
11 Ethyl Ether	59	2.546	2.546	(0.446)	32852	20.0000	17
10 Isoprene	67	2.564	2.564	(0.450)	57380	20.0000	18
14 Freon TF	101	2.722	2.722	(0.477)	44385	20.0000	20
13 Acrolein	56	2.728	2.728	(0.478)	9138	40.0000	31
15 1,1-Dichloroethene	96	2.765	2.765	(0.485)	38470	20.0000	18
16 Acetone	43	2.868	2.868	(0.503)	9630	20.0000	21
18 Carbon Disulfide	76	2.959	2.959	(0.519)	105026	20.0000	18
27 Methyl Acetate	43	3.124	3.124	(0.548)	35336	20.0000	16

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61514.d
Report Date: 19-Oct-2011 19:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	172 Cyclopentene	67	2.740	2.740	(0.481)	339	20.0000	0.072(a)
	21 Acetonitrile	39	3.191	3.191	(0.559)	12253	400.000	300
	22 Methylene Chloride	84	3.245	3.245	(0.569)	45610	20.0000	18
	24 TBA	59	3.324	3.324	(0.583)	52273	400.000	290
	28 MTBE	73	3.428	3.428	(0.601)	123653	20.0000	18
	25 trans-1,2-Dichloroethene	96	3.452	3.452	(0.605)	45562	20.0000	19
	26 Acrylonitrile	53	3.537	3.537	(0.620)	11206	20.0000	16
	29 Hexane	56	3.623	3.623	(0.635)	28250	20.0000	17
	32 DIPE	45	3.866	3.866	(0.678)	106543	20.0000	16
	30 1,1-Dichloroethane	63	3.896	3.896	(0.683)	71095	20.0000	18
	31 Vinyl Acetate	43	3.921	3.921	(0.687)	25975	20.0000	13
	34 n-Propanol	60	3.994	3.994	(0.700)	15575	3000.00	2300
	35 t-Butyl-ethyl-ether	59	4.225	4.225	(0.741)	118382	20.0000	17
	37 2,2-Dichloropropane	77	4.450	4.450	(0.780)	67919	20.0000	19
	36 cis-1,2-Dichloroethene	96	4.486	4.486	(0.787)	50650	20.0000	19
	38 2-Butanone	72	4.517	4.517	(0.792)	4602	20.0000	17
	39 Ethyl Acetate	70	4.517	4.517	(0.792)	8677	40.0000	36
	40 Bromochloromethane	128	4.742	4.742	(0.831)	25541	20.0000	20
	41 Tetrahydrofuran	42	4.748	4.748	(0.833)	8121	20.0000	15
	42 Chloroform	83	4.803	4.803	(0.842)	84217	20.0000	20
	44 Cyclohexane	56	4.937	4.937	(0.866)	58512	20.0000	16
	43 1,1,1-Trichloroethane	97	4.961	4.961	(0.870)	79718	20.0000	20
	45 Carbon Tetrachloride	117	5.089	5.089	(0.892)	66557	20.0000	21
	46 1,1-Dichloropropene	75	5.137	5.137	(0.901)	57749	20.0000	18
	48 Benzene	78	5.369	5.369	(0.621)	182647	20.0000	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.387	5.387	(0.945)	140847	50.0000	52
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.956)	107895	20.0000	17
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	136293	40.0000	32
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	61473	20.0000	20
	51 n-Heptane	57	5.539	5.539	(0.971)	9888	20.0000	14
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	502758	50.0000	
	53 n-Butanol	56	6.093	6.093	(1.068)	44276	1500.00	970
	54 Trichloroethene	95	6.117	6.117	(1.073)	46182	20.0000	20
	56 Methyl cyclohexane	83	6.245	6.245	(1.095)	66107	20.0000	17
	55 Ethyl Acrylate	55	6.269	6.269	(1.099)	81642	20.0000	16
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	38740	20.0000	17
	59 Methyl Methacrylate	100	6.518	6.518	(1.143)	11098	20.0000	16
	60 1,4-Dioxane	88	6.555	6.555	(1.149)	2854	150.000	120
	58 Dibromomethane	93	6.561	6.561	(1.150)	26187	20.0000	20
	75 Propyl Acetate	43	6.585	6.585	(1.155)	69755	40.0000	28
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	58892	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	7.029	7.029	(1.233)	16714	20.0000	14
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	49634	400.000	270
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	65370	20.0000	17
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.846)	22442	20.0000	13
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	449067	50.0000	49
	66 Toluene	91	7.431	7.431	(0.859)	202164	20.0000	18

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61514.d
Report Date: 19-Oct-2011 19:46

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.892)	56174	20.0000	16
	69 1,1,2-Trichloroethane	83	7.875	7.875	(0.911)	31958	20.0000	17
	71 Tetrachloroethene	166	7.905	7.905	(0.914)	52263	20.0000	18
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	65637	20.0000	17
	73 2-Hexanone	43	8.064	8.064	(0.932)	14647	20.0000	12
	76 Butyl Acetate	73	8.143	8.143	(0.942)	15739	40.0000	26
	74 Dibromochloromethane	129	8.191	8.191	(0.947)	46752	20.0000	19
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	40543	20.0000	18
*	78 Chlorobenzene-d5	117	8.648	8.648	(1.000)	396366	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.003)	134459	20.0000	18
	81 Ethylbenzene	106	8.733	8.733	(1.010)	68887	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	48749	20.0000	19
	82 m+p-Xylene	106	8.830	8.830	(1.021)	181088	40.0000	38
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	22037	20.0000	12
	84 o-Xylene	106	9.146	9.146	(1.058)	87976	20.0000	18
	85 Styrene	104	9.165	9.165	(1.060)	154773	20.0000	19
	87 Amyl Acetate	43	9.280	9.280	(0.892)	23580	20.0000	12
	86 Bromoform	173	9.335	9.335	(1.079)	29943	20.0000	19
	88 Isopropylbenzene	105	9.414	9.414	(1.089)	207536	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	172410	50.0000	50
	90 Camphene (total)	41	9.584	9.584	(1.108)	13348	20.0000	17
	91 Bromobenzene	156	9.682	9.682	(0.930)	61426	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	45286	20.0000	17
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	240706	20.0000	19
	93 1,2,3-Trichloropropane	110	9.737	9.737	(0.936)	16619	20.0000	19
	94 trans-1,4-Dichloro-2-butene	53	9.749	9.749	(0.937)	10913	20.0000	17
	96 2-Chlorotoluene	91	9.810	9.810	(0.943)	152499	20.0000	19
	97 1,3,5-Trimethylbenzene	105	9.846	9.846	(0.946)	185693	20.0000	20
	99 Butyl Methacrylate	87	9.901	9.901	(0.951)	54558	20.0000	15
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	166855	20.0000	20
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	145989	20.0000	18
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	189093	20.0000	20
	102 2-Octanone	43	10.199	10.199	(0.980)	37203	20.0000	12
	104 2-Octanol	45	10.223	10.223	(0.982)	7125	20.0000	11
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	218361	20.0000	20
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	185077	20.0000	19
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	115928	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	225255	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	119268	20.0000	18
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	82707	20.0000	15
	106 n-Butylbenzene	91	10.619	10.619	(1.020)	149855	20.0000	17
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	107508	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	7394	20.0000	15
	113 Camphor	95	11.787	11.787	(1.133)	12096	100.000	46
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	56791	20.0000	16
	115 Hexachlorobutadiene	225	11.945	11.945	(1.148)	28745	20.0000	16
	116 Naphthalene	128	12.097	12.097	(1.163)	106438	20.0000	15

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61514.d
Report Date: 19-Oct-2011 19:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	41552	20.0000	14
M 120 1,2-Dichloroethene (Total)	100				96213	40.0000	38
M 121 Xylene (Total)	100				269064	60.0000	57

QC Flag Legend

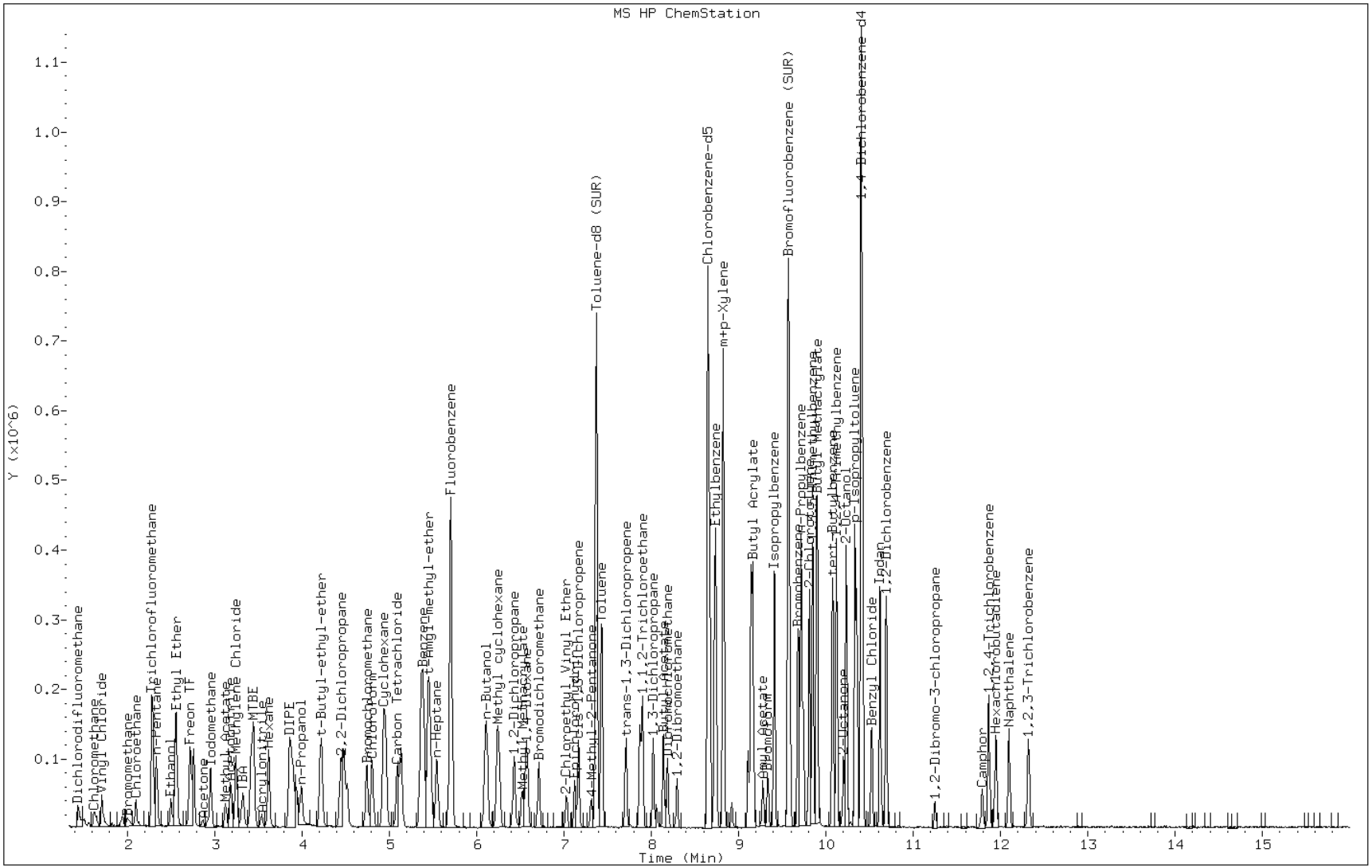
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61514.d

Date: 19-OCT-2011 18:52

Client ID: Instrument: VOAMS3.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90161/2 Calibration Date: 10/20/2011 07:09

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61539.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2348	0.1949		16.6	20.0	-17.0	50.0
Chloromethane	Ave	0.2161	0.1665	0.1000	15.4	20.0	-23.0	50.0
Vinyl chloride	Ave	0.2505	0.2051		16.4	20.0	-18.1	20.0
Bromomethane	Ave	0.0783	0.0522		13.3	20.0	-33.4	50.0
Chloroethane	LinF	0.1787	0.1925		24.6	20.0	23.1	50.0
Trichlorofluoromethane	Ave	0.4090	0.4016		19.6	20.0	-1.8	50.0
Ethanol	Ave	0.0007	0.0006		2610	3000	-13.1	50.0
Ethyl ether	Ave	0.1872	0.1750		18.7	20.0	-6.5	50.0
Isopropene	Ave	0.3137	0.3015		19.2	20.0	-3.9	50.0
Freon TF	Ave	0.2166	0.2457		22.7	20.0	13.4	50.0
Acrolein	LinF	0.0332	0.0245		33.7	40.0	-15.6	99.0
1,1-Dichloroethene	Ave	0.2153	0.1974		18.3	20.0	-8.3	20.0
Acetone	LinF	0.0684	0.0615		26.5	20.0	32.4	50.0
Carbon disulfide	Ave	0.5792	0.5595		19.3	20.0	-3.4	50.0
Methyl acetate	Ave	0.2217	0.1830		16.5	20.0	-17.4	50.0
Acetonitrile	LinF	0.0044	0.0036		364	400	-9.0	50.0
Methylene Chloride	Ave	0.2531	0.2412		19.1	20.0	-4.7	50.0
TBA	LinF	0.0187	0.0160		362	400	-9.5	50.0
MTBE	Ave	0.6877	0.6716		19.5	20.0	-2.3	50.0
trans-1,2-Dichloroethene	Ave	0.2393	0.2336		19.5	20.0	-2.4	50.0
Acrylonitrile	Ave	0.0702	0.0684		19.5	20.0	-2.6	50.0
Hexane	Ave	0.1676	0.1553		18.5	20.0	-7.3	50.0
DIPE	Ave	0.6428	0.5692		17.7	20.0	-11.5	50.0
1,1-Dichloroethane	Ave	0.4006	0.3753	0.1000	18.7	20.0	-6.3	50.0
Vinyl acetate	LinF	0.1798	0.1606		16.4	20.0	-18.0	50.0
Tert-butyl ethyl ether	Ave	0.6853	0.6395	0.0100	18.7	20.0	-6.7	50.0
2,2-Dichloropropane	Ave	0.3594	0.3590		20.0	20.0	-0.1	50.0
cis-1,2-Dichloroethene	Ave	0.2678	0.2690		20.1	20.0	0.4	50.0
2-Butanone	LinF	0.0253	0.0232		16.9	20.0	-15.5	50.0
Ethyl acetate	Ave	0.0241	0.0247		40.9	40.0	2.3	50.0
Bromochloromethane	Ave	0.1299	0.1315		20.2	20.0	1.2	50.0
Tetrahydrofuran	Ave	0.0539	0.0414		15.4	20.0	-23.2	50.0
Chloroform	Ave	0.4143	0.4301		20.8	20.0	3.8	20.0
Cyclohexane	Ave	0.3550	0.3263		18.4	20.0	-8.1	50.0
1,1,1-Trichloroethane	Ave	0.3887	0.4171		21.5	20.0	7.3	50.0
Carbon tetrachloride	Ave	0.3169	0.3625		22.9	20.0	14.4	50.0
1,1-Dichloropropene	Ave	0.3133	0.2959		18.9	20.0	-5.6	50.0
Benzene	Ave	1.284	1.198		18.6	20.0	-6.8	50.0
Isopropyl acetate	Ave	0.4266	0.3572		33.5	40.0	-16.3	50.0
Tert-amyl methyl ether	Ave	0.6293	0.5631		17.9	20.0	-10.5	50.0
1,2-Dichloroethane	Ave	0.3105	0.3081		19.8	20.0	-0.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90161/2 Calibration Date: 10/20/2011 07:09

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61539.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Heptane	Ave	0.1480	0.0528		15.8	20.0	-21.1	50.0
n-Butanol	Ave	0.0045	0.0031		1040	1500	-30.8	50.0
Trichloroethene	Ave	0.2329	0.2432		20.9	20.0	4.4	50.0
Methylcyclohexane	Ave	0.3759	0.3439		18.3	20.0	-8.5	50.0
Ethyl acrylate	Ave	0.5178	0.4370		16.9	20.0	-15.6	50.0
1,2-Dichloropropane	Ave	0.2229	0.1877		16.8	20.0	-15.8	20.0
Methyl methacrylate	Ave	0.0691	0.0538		15.6	20.0	-22.1	50.0
1,4-Dioxane	Ave	0.0024	0.0020		125	150	-16.6	50.0
Dibromomethane	Ave	0.1333	0.1387		20.8	20.0	4.0	50.0
Propyl acetate	Ave	0.2429	0.1864		30.7	40.0	-23.3	50.0
Bromodichloromethane	Ave	0.3067	0.3014		19.7	20.0	-1.7	50.0
2-Chloroethyl vinyl ether	Ave	0.1210	0.0857		14.2	20.0	-29.2	50.0
Epichlorohydrin	Ave	0.0228	0.0187		328	400	-17.9	50.0
cis-1,3-Dichloropropene	Ave	0.4890	0.4322		17.7	20.0	-11.6	50.0
4-Methyl-2-pentanone	LinF	0.1961	0.1653		14.8	20.0	-25.8	50.0
Toluene	Ave	1.411	1.367		19.4	20.0	-3.1	20.0
trans-1,3-Dichloropropene	Ave	0.4500	0.3920		17.4	20.0	-12.9	50.0
1,1,2-Trichloroethane	Ave	0.2405	0.2182		18.1	20.0	-9.3	50.0
Tetrachloroethene	Ave	0.3700	0.3555		19.2	20.0	-3.9	50.0
1,3-Dichloropropane	Ave	0.4905	0.4511		18.4	20.0	-8.0	50.0
2-Hexanone	LinF	0.1282	0.1086		14.4	20.0	-28.1	50.0
Butyl acetate	LinF	0.0661	0.0564		29.7	40.0	-25.8	50.0
Dibromochloromethane	Ave	0.3140	0.3228		20.6	20.0	2.8	50.0
1,2-Dibromoethane	Ave	0.2854	0.2771		19.4	20.0	-2.9	50.0
Chlorobenzene	Ave	0.9184	0.9374	0.3000	20.4	20.0	2.1	50.0
Ethylbenzene	Ave	0.4921	0.4777		19.4	20.0	-2.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3200	0.3278		20.5	20.0	2.4	50.0
m&p-Xylene	Ave	0.5967	0.6272		42.0	40.0	5.1	50.0
Butyl acrylate	LinF	0.1830	0.1593		13.9	20.0	-30.3	50.0
o-Xylene	Ave	0.6000	0.6069		20.2	20.0	1.2	50.0
Styrene	Ave	1.005	1.049		20.9	20.0	4.4	50.0
Amly acetate	LinF	0.3731	0.2805		12.8	20.0	-36.0	50.0
Bromoform	Ave	0.1963	0.1894	0.1000	19.3	20.0	-3.5	50.0
Isopropylbenzene	LinF	1.376	1.425		20.8	20.0	4.1	50.0
Camphene, Total	Ave	0.1004	0.0943		18.8	20.0	-6.1	50.0
Monobromobenzene	Ave	0.7435	0.6888		18.5	20.0	-7.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5968	0.5236	0.3000	17.5	20.0	-12.3	50.0
N-Propylbenzene	Ave	2.869	2.834		19.8	20.0	-1.2	50.0
1,2,3-Trichloropropane	Ave	0.1975	0.1745		17.7	20.0	-11.6	50.0
trans-1,4-Dichloro-2-butene	LinF	0.1467	0.1062		15.0	20.0	-25.1	50.0
2-Chlorotoluene	Ave	1.769	1.757		19.9	20.0	-0.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90161/2 Calibration Date: 10/20/2011 07:09

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61539.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.068	2.137		20.7	20.0	3.3	50.0
4-Chlorotoluene	Ave	1.872	1.905		20.3	20.0	1.7	50.0
Butyl Methacrylate	LinF	0.7242	0.6619		16.2	20.0	-19.0	50.0
tert-Butylbenzene	Ave	1.781	1.754		19.7	20.0	-1.5	50.0
1,2,4-Trimethylbenzene	LinF	2.112	2.242		21.4	20.0	7.2	50.0
2-Octanone	LinF	0.5945	0.4450		12.6	20.0	-36.9	50.0
2-Octanol	LinF	0.1379	0.0733		9.90	20.0	-50.5*	50.0
sec-Butylbenzene	LinF	2.556	2.649		21.9	20.0	9.5	50.0
p-Isopropyltoluene	LinF	2.210	2.323		21.4	20.0	7.1	50.0
1,3-Dichlorobenzene	Ave	1.390	1.398		20.1	20.0	0.6	50.0
1,4-Dichlorobenzene	Ave	1.458	1.362		18.7	20.0	-6.6	50.0
Benzyl chloride	LinF	1.130	0.9605		15.4	20.0	-23.2	50.0
n-Butylbenzene	Ave	1.973	1.844		18.7	20.0	-6.5	50.0
1,2-Dichlorobenzene	Ave	1.345	1.250		18.6	20.0	-7.1	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1065	0.0888		16.7	20.0	-16.7	50.0
Camphor	LinF	0.0491	0.0318		54.6	100	-45.4	50.0
1,2,4-Trichlorobenzene	Ave	0.8008	0.6439		16.1	20.0	-19.6	50.0
Hexachlorobutadiene	Ave	0.3888	0.3646		18.8	20.0	-6.2	50.0
Naphthalene	Ave	1.604	1.261		15.7	20.0	-21.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6421	0.5027		15.7	20.0	-21.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2701	0.2734		50.6	50.0	1.2	50.0
Toluene-d8 (Surr)	Ave	1.149	1.142		49.7	50.0	-0.5	50.0
Bromofluorobenzene	Ave	0.7646	0.7458		48.8	50.0	-2.5	50.0

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61539.d
Report Date: 20-Oct-2011 07:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61539.d
Lab Smp Id: CCVIS
Inj Date : 20-OCT-2011 07:09
Operator : Inst ID: VOAMS3.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/8260_09.m
Meth Date : 20-Oct-2011 07:49 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	1.438	1.438	(0.252)	44089	20.0000	17
3	Chloromethane	50	1.627	1.627	(0.285)	37662	20.0000	15
4	Vinyl Chloride	62	1.706	1.706	(0.299)	46397	20.0000	16
6	Bromomethane	94	2.016	2.016	(0.353)	11804	20.0000	13
5	Chloroethane	64	2.102	2.102	(0.368)	43547	20.0000	25
7	Trichlorofluoromethane	101	2.290	2.290	(0.401)	90852	20.0000	20
176	Dichlorofluoromethane	67	2.284	2.284	(0.400)	84766	20.0000	18
9	Ethanol	46	2.497	2.497	(0.437)	20672	3000.00	2600
11	Ethyl Ether	59	2.546	2.546	(0.446)	39598	20.0000	19
10	Isoprene	67	2.564	2.564	(0.449)	68199	20.0000	19
14	Freon TF	101	2.722	2.722	(0.477)	55571	20.0000	23
13	Acrolein	56	2.734	2.734	(0.479)	11088	40.0000	34
15	1,1-Dichloroethene	96	2.759	2.759	(0.483)	44654	20.0000	18
16	Acetone	43	2.862	2.862	(0.501)	13911	20.0000	26
18	Carbon Disulfide	76	2.959	2.959	(0.518)	126562	20.0000	19
27	Methyl Acetate	43	3.124	3.124	(0.547)	41405	20.0000	16

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61539.d
Report Date: 20-Oct-2011 07:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	172 Cyclopentene	67	2.716	2.716	(0.476)	657	20.0000	0.12(a)
	21 Acetonitrile	39	3.178	3.178	(0.557)	16482	400.000	360
	22 Methylene Chloride	84	3.245	3.245	(0.568)	54561	20.0000	19
	24 TBA	59	3.324	3.324	(0.582)	72540	400.000	360
	28 MTBE	73	3.422	3.422	(0.599)	151928	20.0000	20
	25 trans-1,2-Dichloroethene	96	3.452	3.452	(0.605)	52847	20.0000	20
	26 Acrylonitrile	53	3.543	3.543	(0.621)	15474	20.0000	19
	29 Hexane	56	3.622	3.622	(0.634)	35126	20.0000	18
	32 DIPE	45	3.860	3.860	(0.676)	128760	20.0000	18
	30 1,1-Dichloroethane	63	3.896	3.896	(0.682)	84902	20.0000	19
	31 Vinyl Acetate	43	3.921	3.921	(0.687)	36320	20.0000	16
	34 n-Propanol	60	3.994	3.994	(0.700)	19298	3000.00	2600
	35 t-Butyl-ethyl-ether	59	4.219	4.219	(0.739)	144655	20.0000	19
	37 2,2-Dichloropropane	77	4.450	4.450	(0.779)	81216	20.0000	20
	36 cis-1,2-Dichloroethene	96	4.480	4.480	(0.785)	60850	20.0000	20
	38 2-Butanone	72	4.517	4.517	(0.791)	5244	20.0000	17
	39 Ethyl Acetate	70	4.529	4.529	(0.793)	11153	40.0000	41
	40 Bromochloromethane	128	4.742	4.742	(0.831)	29757	20.0000	20
	41 Tetrahydrofuran	42	4.754	4.754	(0.833)	9371	20.0000	15
	42 Chloroform	83	4.803	4.803	(0.841)	97296	20.0000	21
	44 Cyclohexane	56	4.936	4.936	(0.865)	73812	20.0000	18
	43 1,1,1-Trichloroethane	97	4.955	4.955	(0.868)	94362	20.0000	21
	45 Carbon Tetrachloride	117	5.095	5.095	(0.892)	81998	20.0000	23
	46 1,1-Dichloropropene	75	5.131	5.131	(0.899)	66936	20.0000	19
	48 Benzene	78	5.362	5.362	(0.620)	201669	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.945)	154622	50.0000	51
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.955)	127378	20.0000	18
	61 Isopropyl Acetate	43	5.454	5.454	(0.955)	161617	40.0000	33
	49 1,2-Dichloroethane	62	5.478	5.478	(0.960)	69707	20.0000	20
	51 n-Heptane	57	5.545	5.545	(0.971)	11952	20.0000	16
*	52 Fluorobenzene	96	5.709	5.709	(1.000)	565545	50.0000	
	53 n-Butanol	56	6.092	6.092	(1.067)	53129	1500.00	1000
	54 Trichloroethene	95	6.117	6.117	(1.071)	55020	20.0000	21
	56 Methyl cyclohexane	83	6.244	6.244	(1.094)	77792	20.0000	18
	55 Ethyl Acrylate	55	6.263	6.263	(1.097)	98853	20.0000	17
	57 1,2-Dichloropropane	63	6.427	6.427	(1.126)	42449	20.0000	17
	59 Methyl Methacrylate	100	6.518	6.518	(1.142)	12171	20.0000	16
	60 1,4-Dioxane	88	6.555	6.555	(1.148)	3375	150.000	120
	58 Dibromomethane	93	6.567	6.567	(1.150)	31365	20.0000	21
	75 Propyl Acetate	43	6.579	6.579	(1.152)	84310	40.0000	31
	68 Bromodichloromethane	83	6.719	6.719	(1.177)	68192	20.0000	20
	62 2-Chloroethyl Vinyl Ether	63	7.035	7.035	(1.232)	19377	20.0000	14
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	63006	400.000	330
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	72789	20.0000	18
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.845)	27828	20.0000	15
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	480942	50.0000	50
	66 Toluene	91	7.437	7.437	(0.859)	230285	20.0000	19

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61539.d
Report Date: 20-Oct-2011 07:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
64	trans-1,3-Dichloropropene	75	7.711	7.711	(0.891)	66020	20.0000	17
69	1,1,2-Trichloroethane	83	7.875	7.875	(0.910)	36742	20.0000	18
71	Tetrachloroethene	166	7.899	7.899	(0.913)	59867	20.0000	19
72	1,3-Dichloropropane	76	8.027	8.027	(0.928)	75969	20.0000	18
73	2-Hexanone	43	8.070	8.070	(0.932)	18289	20.0000	14
76	Butyl Acetate	73	8.136	8.136	(0.940)	18984	40.0000	30
74	Dibromochloromethane	129	8.191	8.191	(0.947)	54356	20.0000	20
77	1,2-Dibromoethane	107	8.295	8.295	(0.959)	46658	20.0000	19
* 78	Chlorobenzene-d5	117	8.654	8.654	(1.000)	420998	50.0000	
79	Chlorobenzene	112	8.672	8.672	(1.002)	157856	20.0000	20
81	Ethylbenzene	106	8.733	8.733	(1.009)	80451	20.0000	19
80	1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	55193	20.0000	20
82	m+p-Xylene	106	8.830	8.830	(1.020)	211245	40.0000	42
83	Butyl Acrylate	73	9.110	9.110	(1.053)	26820	20.0000	14
84	o-Xylene	106	9.146	9.146	(1.057)	102200	20.0000	20
85	Styrene	104	9.165	9.165	(1.059)	176619	20.0000	21
87	Amyl Acetate	43	9.280	9.280	(0.892)	28239	20.0000	13
86	Bromoform	173	9.335	9.335	(1.079)	31893	20.0000	19
88	Isopropylbenzene	105	9.414	9.414	(1.088)	239947	20.0000	21
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	187703	50.0000	49
90	Camphene (total)	41	9.584	9.584	(1.108)	15879	20.0000	19
91	Bromobenzene	156	9.682	9.682	(0.930)	69334	20.0000	18
92	1,1,2,2-Tetrachloroethane	83	9.700	9.700	(0.932)	52703	20.0000	18
95	n-Propylbenzene	91	9.718	9.718	(0.934)	285237	20.0000	20
93	1,2,3-Trichloropropane	110	9.736	9.736	(0.936)	17570	20.0000	18
94	trans-1,4-Dichloro-2-butene	53	9.742	9.742	(0.936)	10692	20.0000	15
96	2-Chlorotoluene	91	9.809	9.809	(0.943)	176854	20.0000	20
97	1,3,5-Trimethylbenzene	105	9.852	9.852	(0.947)	215132	20.0000	21
99	Butyl Methacrylate	87	9.907	9.907	(0.952)	66632	20.0000	16
98	4-Chlorotoluene	91	9.895	9.895	(0.951)	191740	20.0000	20
100	tert-Butylbenzene	119	10.077	10.077	(0.968)	176601	20.0000	20
101	1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	225639	20.0000	21
102	2-Octanone	43	10.199	10.199	(0.980)	44795	20.0000	13
104	2-Octanol	45	10.223	10.223	(0.982)	7381	20.0000	9.9
103	sec-Butylbenzene	105	10.235	10.235	(0.984)	266612	20.0000	22
107	p-Isopropyltoluene	119	10.333	10.333	(0.993)	233871	20.0000	21
105	1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	140771	20.0000	20
* 108	1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	251659	50.0000	
109	1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	137085	20.0000	19
110	Benzyl Chloride	91	10.527	10.527	(1.012)	96688	20.0000	15
173	Indan	117	10.576	10.576	(1.016)	710	20.0000	0.068(a)
106	n-Butylbenzene	91	10.619	10.619	(1.020)	185620	20.0000	19
111	1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	125781	20.0000	18
112	1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	8936	20.0000	17
113	Camphor	95	11.787	11.787	(1.133)	16006	100.000	54
114	1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	64819	20.0000	16
115	Hexachlorobutadiene	225	11.945	11.945	(1.148)	36701	20.0000	19

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61539.d
Report Date: 20-Oct-2011 07:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	126903	20.0000	16
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	50602	20.0000	16
M 120 1,2-Dichloroethene (Total)	100				113698	40.0000	40
M 121 Xylene (Total)	100				313445	60.0000	62

QC Flag Legend

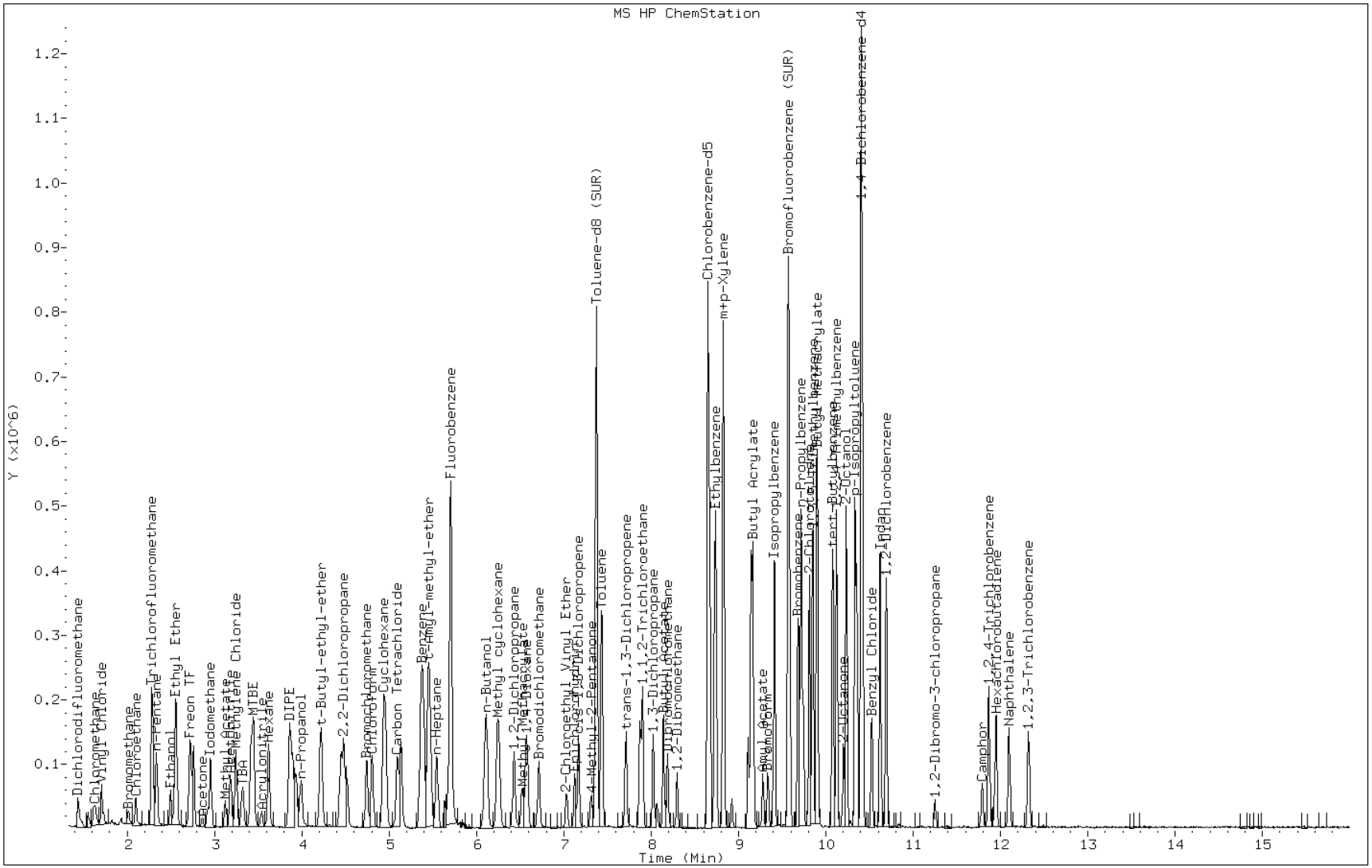
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61539.d

Date: 20-OCT-2011 07:09

Client ID: Instrument: VOAMS3.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90279/2 Calibration Date: 10/20/2011 20:24

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61571.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2348	0.2112		18.0	20.0	-10.0	50.0
Chloromethane	Ave	0.2161	0.1773	0.1000	16.4	20.0	-17.9	50.0
Vinyl chloride	Ave	0.2505	0.2256		18.0	20.0	-9.9	20.0
Bromomethane	Ave	0.0783	0.0508		13.0	20.0	-35.1	50.0
Chloroethane	LinF	0.1787	0.1692		21.6	20.0	8.2	50.0
Trichlorofluoromethane	Ave	0.4090	0.4313		21.1	20.0	5.4	50.0
Ethanol	Ave	0.0007	0.0006		2390	3000	-20.2	50.0
Ethyl ether	Ave	0.1872	0.1692		18.1	20.0	-9.6	50.0
Isopropene	Ave	0.3137	0.3120		19.9	20.0	-0.6	50.0
Freon TF	Ave	0.2166	0.2378		22.0	20.0	9.8	50.0
Acrolein	LinF	0.0332	0.0254		34.9	40.0	-12.8	99.0
1,1-Dichloroethene	Ave	0.2153	0.2051		19.1	20.0	-4.7	20.0
Acetone	LinF	0.0684	0.0531		22.9	20.0	14.3	50.0
Carbon disulfide	Ave	0.5792	0.5694		19.7	20.0	-1.7	50.0
Methyl acetate	Ave	0.2217	0.1910		17.2	20.0	-13.8	50.0
Acetonitrile	LinF	0.0044	0.0039		387	400	-3.3	50.0
Methylene Chloride	Ave	0.2531	0.2553		20.2	20.0	0.9	50.0
TBA	LinF	0.0187	0.0159		360	400	-10.1	50.0
MTBE	Ave	0.6877	0.7101		20.7	20.0	3.3	50.0
trans-1,2-Dichloroethene	Ave	0.2393	0.2499		20.9	20.0	4.4	50.0
Acrylonitrile	Ave	0.0702	0.0705		20.1	20.0	0.4	50.0
Hexane	Ave	0.1676	0.1602		19.1	20.0	-4.4	50.0
DIPE	Ave	0.6428	0.6027		18.8	20.0	-6.2	50.0
1,1-Dichloroethane	Ave	0.4006	0.4027	0.1000	20.1	20.0	0.5	50.0
Vinyl acetate	LinF	0.1798	0.1519		15.5	20.0	-22.5	50.0
Tert-butyl ethyl ether	Ave	0.6853	0.6662	0.0100	19.4	20.0	-2.8	50.0
2,2-Dichloropropane	Ave	0.3594	0.3890		21.6	20.0	8.2	50.0
cis-1,2-Dichloroethene	Ave	0.2678	0.2857		21.3	20.0	6.7	50.0
2-Butanone	LinF	0.0253	0.0249		18.2	20.0	-9.1	50.0
Ethyl acetate	Ave	0.0241	0.0214		35.4	40.0	-11.4	50.0
Bromochloromethane	Ave	0.1299	0.1468		22.6	20.0	12.9	50.0
Tetrahydrofuran	Ave	0.0539	0.0432		16.0	20.0	-19.9	50.0
Chloroform	Ave	0.4143	0.4646		22.4	20.0	12.2	20.0
Cyclohexane	Ave	0.3550	0.3592		20.2	20.0	1.2	50.0
1,1,1-Trichloroethane	Ave	0.3887	0.4352		22.4	20.0	12.0	50.0
Carbon tetrachloride	Ave	0.3169	0.3633		22.9	20.0	14.6	50.0
1,1-Dichloropropene	Ave	0.3133	0.3345		21.4	20.0	6.8	50.0
Benzene	Ave	1.284	1.390		21.7	20.0	8.3	50.0
Tert-amyl methyl ether	Ave	0.6293	0.6277		19.9	20.0	-0.3	50.0
Isopropyl acetate	Ave	0.4266	0.3958		37.1	40.0	-7.2	50.0
1,2-Dichloroethane	Ave	0.3105	0.3576		23.0	20.0	15.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90279/2 Calibration Date: 10/20/2011 20:24

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61571.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Heptane	Ave	0.1480	0.0729		20.9	20.0	4.5	50.0
n-Butanol	Ave	0.0045	0.0039		1300	1500	-13.6	50.0
Trichloroethene	Ave	0.2329	0.2614		22.4	20.0	12.2	50.0
Methylcyclohexane	Ave	0.3759	0.4032		21.5	20.0	7.3	50.0
Ethyl acrylate	Ave	0.5178	0.4949		19.1	20.0	-4.4	50.0
1,2-Dichloropropane	Ave	0.2229	0.2265		20.3	20.0	1.6	20.0
Methyl methacrylate	Ave	0.0691	0.0657		19.0	20.0	-4.8	50.0
1,4-Dioxane	Ave	0.0024	0.0021		133	150	-11.2	50.0
Dibromomethane	Ave	0.1333	0.1552		23.3	20.0	16.4	50.0
Propyl acetate	Ave	0.2429	0.2115		34.8	40.0	-12.9	50.0
Bromodichloromethane	Ave	0.3067	0.3408		22.2	20.0	11.1	50.0
2-Chloroethyl vinyl ether	Ave	0.1210	0.1189		19.7	20.0	-1.7	50.0
Epichlorohydrin	Ave	0.0228	0.0217		381	400	-4.6	50.0
cis-1,3-Dichloropropene	Ave	0.4890	0.5451		22.3	20.0	11.5	50.0
4-Methyl-2-pentanone	LinF	0.1961	0.1831		16.4	20.0	-17.8	50.0
Toluene	Ave	1.411	1.549		21.9	20.0	9.7	20.0
trans-1,3-Dichloropropene	Ave	0.4500	0.4754		21.1	20.0	5.6	50.0
1,1,2-Trichloroethane	Ave	0.2405	0.2579		21.4	20.0	7.2	50.0
Tetrachloroethene	Ave	0.3700	0.3968		21.4	20.0	7.2	50.0
1,3-Dichloropropane	Ave	0.4905	0.5310		21.7	20.0	8.3	50.0
2-Hexanone	LinF	0.1282	0.1260		16.7	20.0	-16.6	50.0
Butyl acetate	LinF	0.0661	0.0594		31.3	40.0	-21.8	50.0
Dibromochloromethane	Ave	0.3140	0.3510		22.4	20.0	11.8	50.0
1,2-Dibromoethane	Ave	0.2854	0.3040		21.3	20.0	6.5	50.0
Chlorobenzene	Ave	0.9184	1.011	0.3000	22.0	20.0	10.1	50.0
Ethylbenzene	Ave	0.4921	0.5117		20.8	20.0	4.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3200	0.3692		23.1	20.0	15.4	50.0
m&p-Xylene	Ave	0.5967	0.6664		44.7	40.0	11.7	50.0
Butyl acrylate	LinF	0.1830	0.1685		14.8	20.0	-26.2	50.0
o-Xylene	Ave	0.6000	0.6735		22.5	20.0	12.3	50.0
Styrene	Ave	1.005	1.186		23.6	20.0	18.1	50.0
Amly acetate	LinF	0.3731	0.3237		14.8	20.0	-26.1	50.0
Bromoform	Ave	0.1963	0.2089	0.1000	21.3	20.0	6.4	50.0
Isopropylbenzene	LinF	1.376	1.589		23.2	20.0	16.1	50.0
Camphene, Total	Ave	0.1004	0.0959		19.1	20.0	-4.5	50.0
Monobromobenzene	Ave	0.7435	0.8186		22.0	20.0	10.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.5968	0.6298	0.3000	21.1	20.0	5.5	50.0
N-Propylbenzene	Ave	2.869	3.311		23.1	20.0	15.4	50.0
1,2,3-Trichloropropane	Ave	0.1975	0.2204		22.3	20.0	11.6	50.0
trans-1,4-Dichloro-2-butene	LinF	0.1467	0.1171		16.5	20.0	-17.4	50.0
2-Chlorotoluene	Ave	1.769	2.050		23.2	20.0	15.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Lab Sample ID: CCVIS 460-90279/2 Calibration Date: 10/20/2011 20:24

Instrument ID: VOAMS3 Calib Start Date: 10/13/2011 23:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/14/2011 06:08

Lab File ID: c61571.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.068	2.509		24.3	20.0	21.3	50.0
4-Chlorotoluene	Ave	1.872	2.214		23.7	20.0	18.3	50.0
Butyl Methacrylate	LinF	0.7242	0.7601		18.6	20.0	-7.0	50.0
tert-Butylbenzene	Ave	1.781	2.043		22.9	20.0	14.7	50.0
1,2,4-Trimethylbenzene	LinF	2.112	2.673		25.6	20.0	27.8	50.0
2-Octanone	LinF	0.5945	0.5157		14.6	20.0	-26.9	50.0
2-Octanol	LinF	0.1379	0.0950		12.8	20.0	-35.8	50.0
sec-Butylbenzene	LinF	2.556	3.082		25.5	20.0	27.4	50.0
p-Isopropyltoluene	LinF	2.210	2.607		24.0	20.0	20.1	50.0
1,3-Dichlorobenzene	Ave	1.390	1.564		22.5	20.0	12.5	50.0
1,4-Dichlorobenzene	Ave	1.458	1.570		21.5	20.0	7.7	50.0
Benzyl chloride	LinF	1.130	1.127		18.0	20.0	-9.9	50.0
n-Butylbenzene	Ave	1.973	2.153		21.8	20.0	9.1	50.0
1,2-Dichlorobenzene	Ave	1.345	1.473		21.9	20.0	9.6	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1065	0.1024		19.2	20.0	-3.9	50.0
Camphor	LinF	0.0491	0.0408		70.0	100	-30.0	50.0
1,2,4-Trichlorobenzene	Ave	0.8008	0.8395		21.0	20.0	4.8	50.0
Hexachlorobutadiene	Ave	0.3888	0.4083		21.0	20.0	5.0	50.0
Naphthalene	Ave	1.604	1.726		21.5	20.0	7.6	50.0
1,2,3-Trichlorobenzene	Ave	0.6421	0.6362		19.8	20.0	-0.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2701	0.2784		51.5	50.0	3.1	50.0
Toluene-d8 (Surr)	Ave	1.149	1.195		52.0	50.0	4.0	50.0
Bromofluorobenzene	Ave	0.7646	0.7924		51.8	50.0	3.6	50.0

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61571.d
Report Date: 20-Oct-2011 21:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61571.d
Lab Smp Id: CCVIS
Inj Date : 20-OCT-2011 20:24
Operator : Inst ID: VOAMS3.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/8260_09.m
Meth Date : 20-Oct-2011 21:01 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	52084	20.0000	18
3 Chloromethane	50	1.621	1.621	(0.284)	43722	20.0000	16
4 Vinyl Chloride	62	1.706	1.706	(0.299)	55616	20.0000	18
6 Bromomethane	94	1.998	1.998	(0.350)	12534	20.0000	13
5 Chloroethane	64	2.095	2.095	(0.367)	41722	20.0000	22
7 Trichlorofluoromethane	101	2.284	2.284	(0.400)	106342	20.0000	21
176 Dichlorofluoromethane	67	2.284	2.284	(0.400)	104865	20.0000	21
9 Ethanol	46	2.503	2.503	(0.439)	20683	3000.00	2400
11 Ethyl Ether	59	2.546	2.546	(0.446)	41720	20.0000	18
10 Isoprene	67	2.558	2.558	(0.448)	76913	20.0000	20
14 Freon TF	101	2.716	2.716	(0.476)	58642	20.0000	22
13 Acrolein	56	2.728	2.728	(0.478)	12499	40.0000	35
15 1,1-Dichloroethene	96	2.752	2.752	(0.483)	50576	20.0000	19
16 Acetone	43	2.862	2.862	(0.502)	13088	20.0000	23
18 Carbon Disulfide	76	2.947	2.947	(0.517)	140379	20.0000	20
27 Methyl Acetate	43	3.123	3.123	(0.548)	47103	20.0000	17

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61571.d
Report Date: 20-Oct-2011 21:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	172 Cyclopentene	67	2.722	2.722	(0.477)	570	20.0000	0.099(a)
	21 Acetonitrile	39	3.184	3.184	(0.558)	19090	400.000	390
	22 Methylene Chloride	84	3.245	3.245	(0.569)	62954	20.0000	20
	24 TBA	59	3.330	3.330	(0.584)	78545	400.000	360
	28 MTBE	73	3.428	3.428	(0.601)	175085	20.0000	21
	25 trans-1,2-Dichloroethene	96	3.446	3.446	(0.604)	61610	20.0000	21
	26 Acrylonitrile	53	3.537	3.537	(0.620)	17376	20.0000	20
	29 Hexane	56	3.616	3.616	(0.634)	39507	20.0000	19
	32 DIPE	45	3.860	3.860	(0.677)	148593	20.0000	19
	30 1,1-Dichloroethane	63	3.890	3.890	(0.682)	99300	20.0000	20
	31 Vinyl Acetate	43	3.914	3.914	(0.686)	37451	20.0000	16
	34 n-Propanol	60	3.999	3.999	(0.701)	21390	3000.00	2600
	35 t-Butyl-ethyl-ether	59	4.218	4.218	(0.740)	164258	20.0000	19
	37 2,2-Dichloropropane	77	4.450	4.450	(0.780)	95922	20.0000	22
	36 cis-1,2-Dichloroethene	96	4.480	4.480	(0.786)	70443	20.0000	21
	38 2-Butanone	72	4.517	4.517	(0.792)	6148	20.0000	18
	39 Ethyl Acetate	70	4.523	4.523	(0.793)	10529	40.0000	35
	40 Bromochloromethane	128	4.742	4.742	(0.831)	36182	20.0000	22
	41 Tetrahydrofuran	42	4.754	4.754	(0.834)	10650	20.0000	16
	42 Chloroform	83	4.803	4.803	(0.842)	114550	20.0000	22
	44 Cyclohexane	56	4.936	4.936	(0.866)	88565	20.0000	20
	43 1,1,1-Trichloroethane	97	4.955	4.955	(0.869)	107307	20.0000	22
	45 Carbon Tetrachloride	117	5.095	5.095	(0.893)	89576	20.0000	23
	46 1,1-Dichloropropene	75	5.137	5.137	(0.901)	82483	20.0000	21
	48 Benzene	78	5.362	5.362	(0.620)	248671	20.0000	22
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	171629	50.0000	52
	50 t-Amyl-methyl-ether	73	5.447	5.447	(0.955)	154760	20.0000	20
	61 Isopropyl Acetate	43	5.453	5.453	(0.956)	195180	40.0000	37
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	88174	20.0000	23
	51 n-Heptane	57	5.545	5.545	(0.972)	17984	20.0000	21
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	616395	50.0000	
	53 n-Butanol	56	6.092	6.092	(1.068)	72283	1500.00	1300
	54 Trichloroethene	95	6.117	6.117	(1.073)	64441	20.0000	22
	56 Methyl cyclohexane	83	6.244	6.244	(1.095)	99413	20.0000	21
	55 Ethyl Acrylate	55	6.250	6.250	(1.096)	122030	20.0000	19
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	55832	20.0000	20
	59 Methyl Methacrylate	100	6.524	6.524	(1.144)	16204	20.0000	19
	60 1,4-Dioxane	88	6.555	6.555	(1.149)	3916	150.000	130
	58 Dibromomethane	93	6.561	6.561	(1.150)	38276	20.0000	23
	75 Propyl Acetate	43	6.579	6.579	(1.154)	104296	40.0000	35
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	84014	20.0000	22
	62 2-Chloroethyl Vinyl Ether	63	7.029	7.029	(1.233)	29306	20.0000	20
	63 Epichlorohydrin	57	7.126	7.126	(0.824)	77723	400.000	380
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	97493	20.0000	22
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.846)	32754	20.0000	16
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	534251	50.0000	52
	66 Toluene	91	7.431	7.431	(0.859)	277048	20.0000	22

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61571.d
Report Date: 20-Oct-2011 21:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
64	trans-1,3-Dichloropropene	75	7.710	7.710	(0.892)	85019	20.0000	21
69	1,1,2-Trichloroethane	83	7.869	7.869	(0.910)	46127	20.0000	21
71	Tetrachloroethene	166	7.899	7.899	(0.913)	70966	20.0000	21
72	1,3-Dichloropropane	76	8.027	8.027	(0.928)	94971	20.0000	22
73	2-Hexanone	43	8.069	8.069	(0.933)	22537	20.0000	17
76	Butyl Acetate	73	8.142	8.142	(0.942)	21249	40.0000	31
74	Dibromochloromethane	129	8.185	8.185	(0.947)	62769	20.0000	22
77	1,2-Dibromoethane	107	8.294	8.294	(0.959)	54378	20.0000	21
* 78	Chlorobenzene-d5	117	8.647	8.647	(1.000)	447130	50.0000	
79	Chlorobenzene	112	8.672	8.672	(1.003)	180904	20.0000	22
81	Ethylbenzene	106	8.733	8.733	(1.010)	91519	20.0000	21
80	1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	66034	20.0000	23
82	m+p-Xylene	106	8.830	8.830	(1.021)	238379	40.0000	45
83	Butyl Acrylate	73	9.110	9.110	(1.053)	30128	20.0000	15
84	o-Xylene	106	9.140	9.140	(1.057)	120452	20.0000	22
85	Styrene	104	9.164	9.164	(1.060)	212119	20.0000	24
87	Amyl Acetate	43	9.280	9.280	(0.892)	32732	20.0000	15
86	Bromoform	173	9.335	9.335	(1.079)	37354	20.0000	21
88	Isopropylbenzene	105	9.408	9.408	(1.088)	284147	20.0000	23
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	200343	50.0000	52
90	Camphene (total)	41	9.584	9.584	(1.108)	17147	20.0000	19
91	Bromobenzene	156	9.682	9.682	(0.930)	82773	20.0000	22
92	1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	63687	20.0000	21
95	n-Propylbenzene	91	9.718	9.718	(0.934)	334800	20.0000	23
93	1,2,3-Trichloropropane	110	9.742	9.742	(0.936)	22282	20.0000	22
94	trans-1,4-Dichloro-2-butene	53	9.742	9.742	(0.936)	11839	20.0000	16
96	2-Chlorotoluene	91	9.809	9.809	(0.943)	207311	20.0000	23
97	1,3,5-Trimethylbenzene	105	9.852	9.852	(0.947)	253671	20.0000	24
99	Butyl Methacrylate	87	9.907	9.907	(0.952)	76861	20.0000	19
98	4-Chlorotoluene	91	9.894	9.894	(0.951)	223885	20.0000	24
100	tert-Butylbenzene	119	10.077	10.077	(0.968)	206591	20.0000	23
101	1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	270280	20.0000	26
102	2-Octanone	43	10.199	10.199	(0.980)	52153	20.0000	15
104	2-Octanol	45	10.223	10.223	(0.982)	9611	20.0000	13
103	sec-Butylbenzene	105	10.235	10.235	(0.984)	311637	20.0000	25
107	p-Isopropyltoluene	119	10.332	10.332	(0.993)	263614	20.0000	24
105	1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	158168	20.0000	22
* 108	1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	252805	50.0000	
109	1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	158789	20.0000	22
110	Benzyl Chloride	91	10.527	10.527	(1.012)	114000	20.0000	18
173	Indan	117	10.576	10.576	(1.016)	2407	20.0000	0.23(a)
106	n-Butylbenzene	91	10.618	10.618	(1.020)	217738	20.0000	22
111	1,2-Dichlorobenzene	146	10.691	10.691	(1.027)	148997	20.0000	22
112	1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	10354	20.0000	19
113	Camphor	95	11.793	11.793	(1.133)	20614	100.000	70
114	1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	84895	20.0000	21
115	Hexachlorobutadiene	225	11.945	11.945	(1.148)	41286	20.0000	21

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61571.d
Report Date: 20-Oct-2011 21:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	174496	20.0000	22
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	64335	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				132053	40.0000	42
M 121 Xylene (Total)	100				358832	60.0000	67

QC Flag Legend

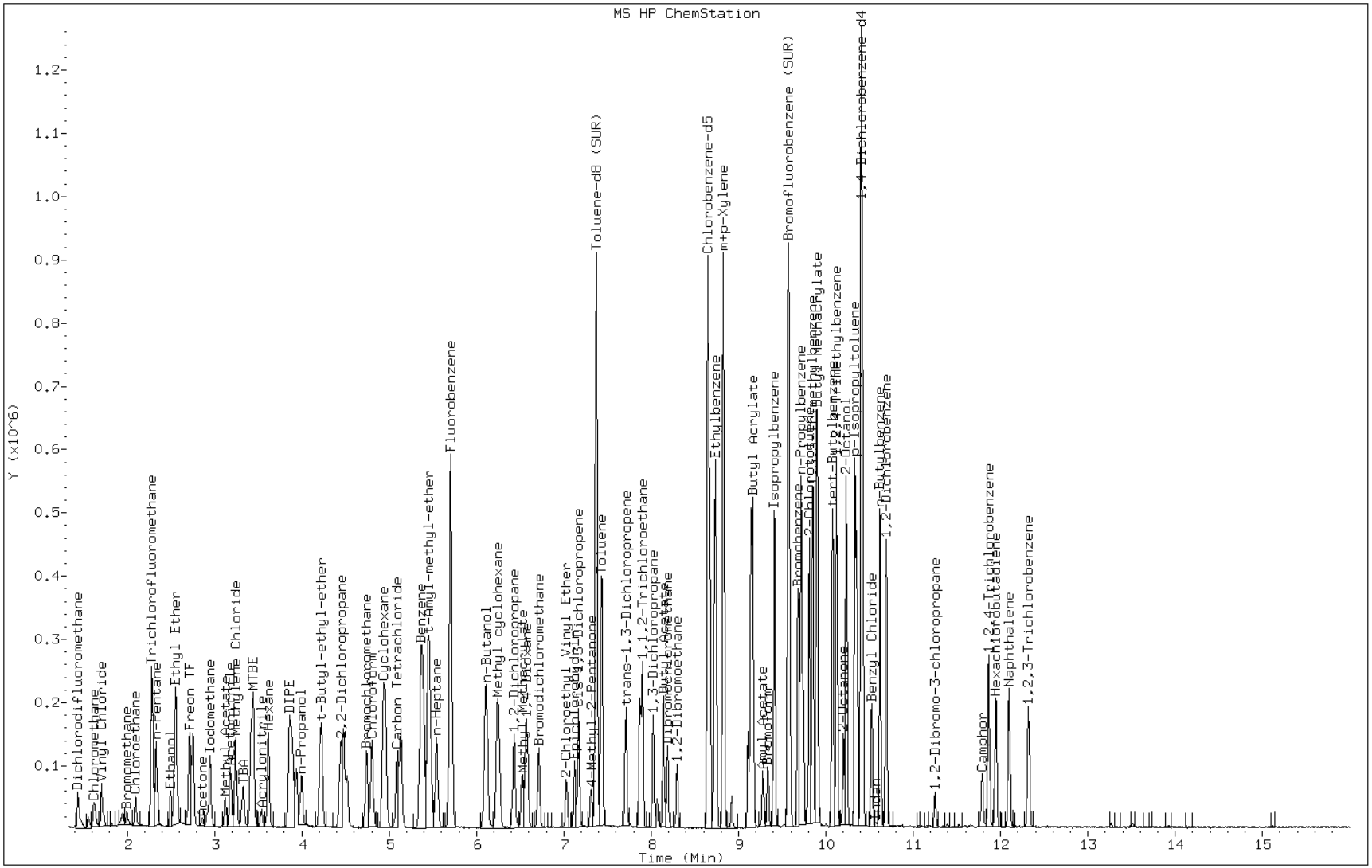
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61571.d

Date: 20-OCT-2011 20:24

Client ID: Instrument: VOAMS3.i

Sample Info: CCVIS Operator:



Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61266.d
Report Date: 14-Oct-2011 00:45

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61266.d
Lab Smp Id: BFB
Inj Date : 13-OCT-2011 22:06
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

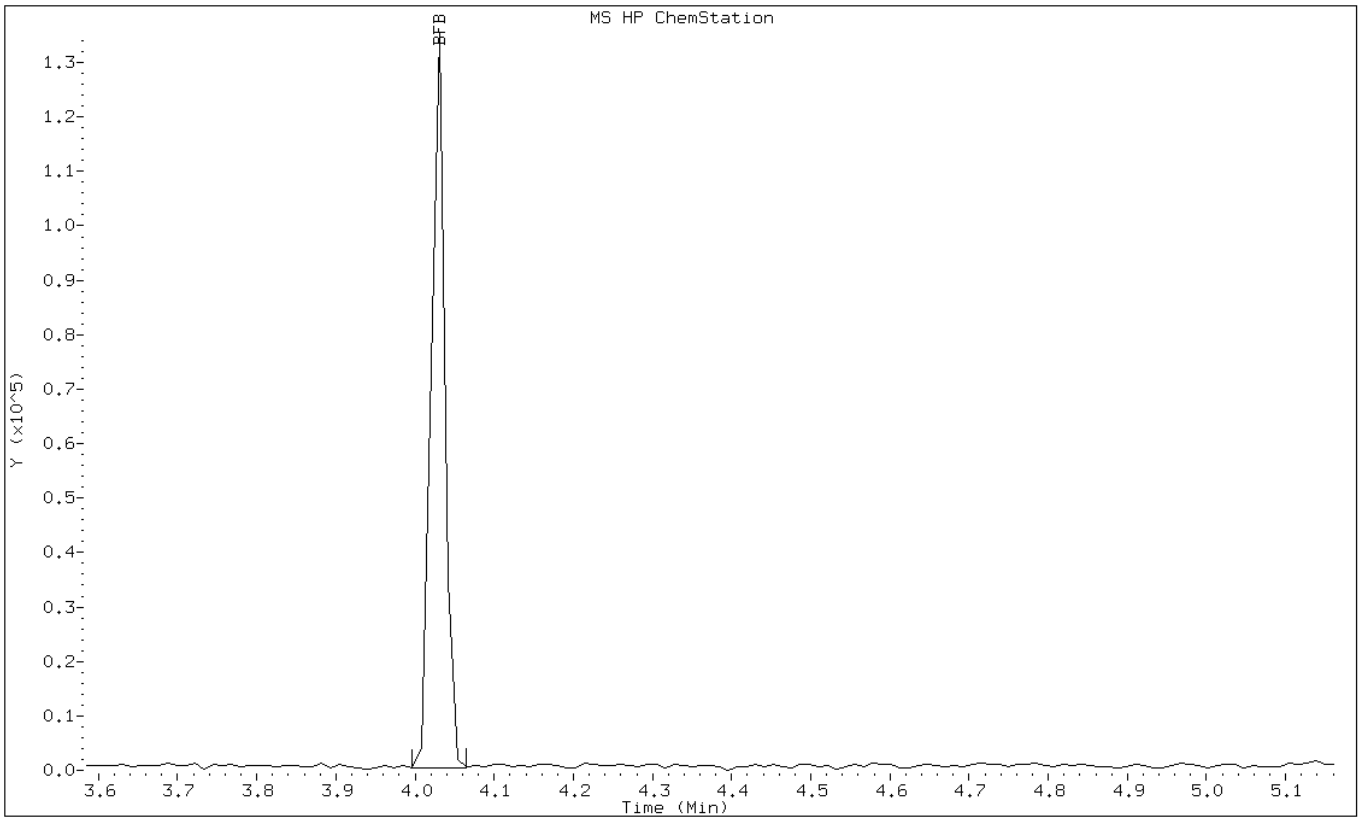
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.030	4.300 (0.000)	95	15661			0.00- 100.00	100.00
4.030	4.300 (0.000)	50	2549			15.00- 40.00	16.28
4.030	4.300 (0.000)	75	7280			30.00- 60.00	46.48
4.030	4.300 (0.000)	96	874			5.00- 9.00	5.58
4.030	4.300 (0.000)	173	100			0.00- 2.00	0.66
4.030	4.300 (0.000)	174	15042			50.00- 100.00	96.05
4.030	4.300 (0.000)	175	998			5.00- 9.00	6.63
4.030	4.300 (0.000)	176	14338			95.00- 101.00	95.32
4.030	4.300 (0.000)	177	872			5.00- 9.00	6.08

Data File: c61266.d

Date: 13-OCT-2011 22:06

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



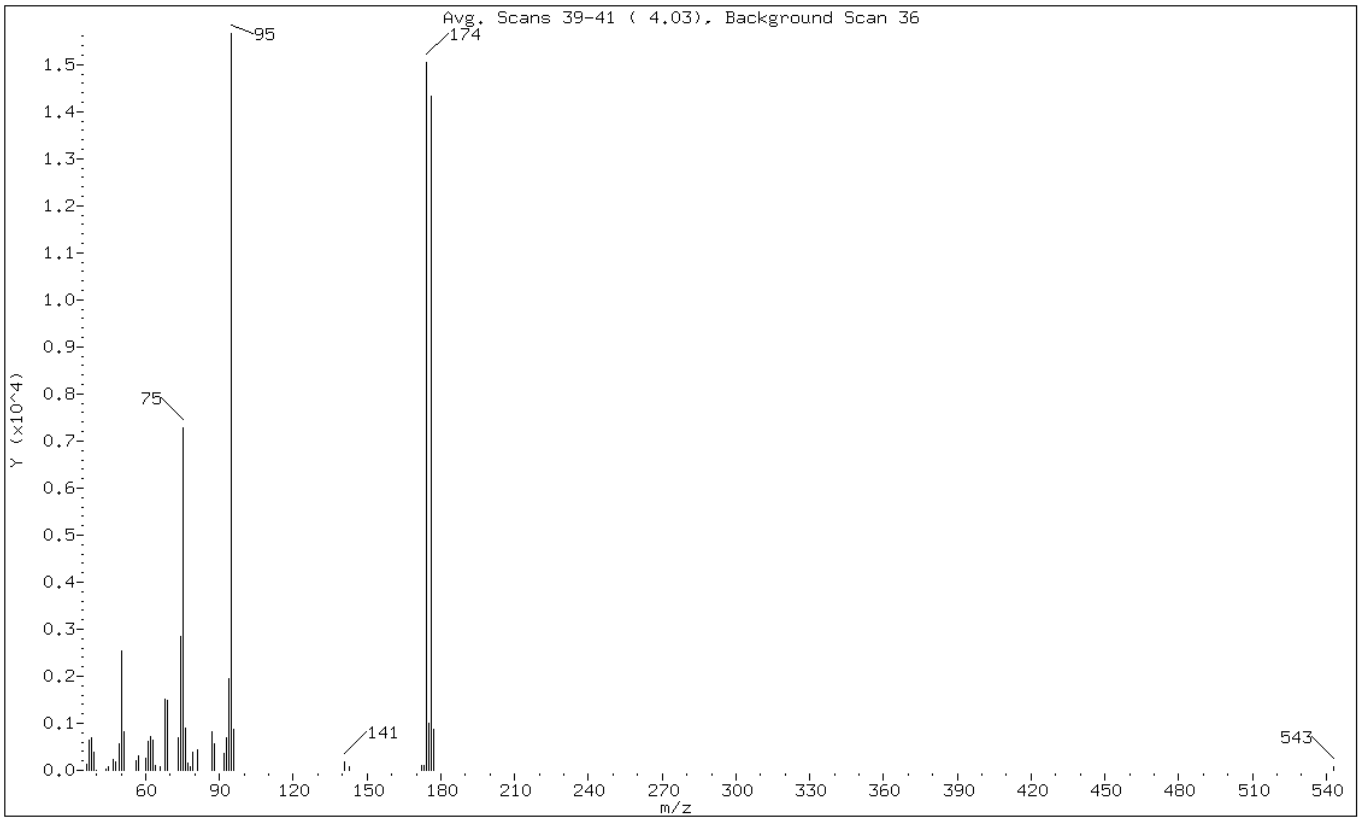
Data File: c61266.d

Date: 13-OCT-2011 22:06

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.28
75	30.00 - 60.00% of mass 95	46.48
96	5.00 - 9.00% of mass 95	5.58
173	Less than 2.00% of mass 174	0.64 (0.66)
174	50.00 - 100.00% of mass 95	96.05
175	5.00 - 9.00% of mass 174	6.37 (6.63)
176	95.00 - 101.00% of mass 174	91.55 (95.32)
177	5.00 - 9.00% of mass 176	5.57 (6.08)

Data File: c61266.d

Date: 13-OCT-2011 22:06

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b/c61266.d
Spectrum: Avg. Scans 39-41 (4.03), Background Scan 36
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	130	56.00	212	75.00	7280	96.00	874
37.00	637	57.00	318	76.00	899	141.00	187
38.00	704	60.00	268	77.00	143	143.00	68
39.00	387	61.00	614	78.00	79	172.00	102
40.00	4	62.00	720	79.00	391	173.00	100
44.00	29	63.00	643	81.00	430	174.00	15042
45.00	87	64.00	108	87.00	813	175.00	998
47.00	239	66.00	81	88.00	560	176.00	14338
48.00	188	68.00	1517	92.00	370	177.00	872
49.00	559	69.00	1499	93.00	682	543.00	70
50.00	2549	73.00	702	94.00	1945		
51.00	833	74.00	2847	95.00	15661		

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61513.d
Report Date: 19-Oct-2011 18:39

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61513.d
Lab Smp Id: BFB
Inj Date : 19-OCT-2011 18:31
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

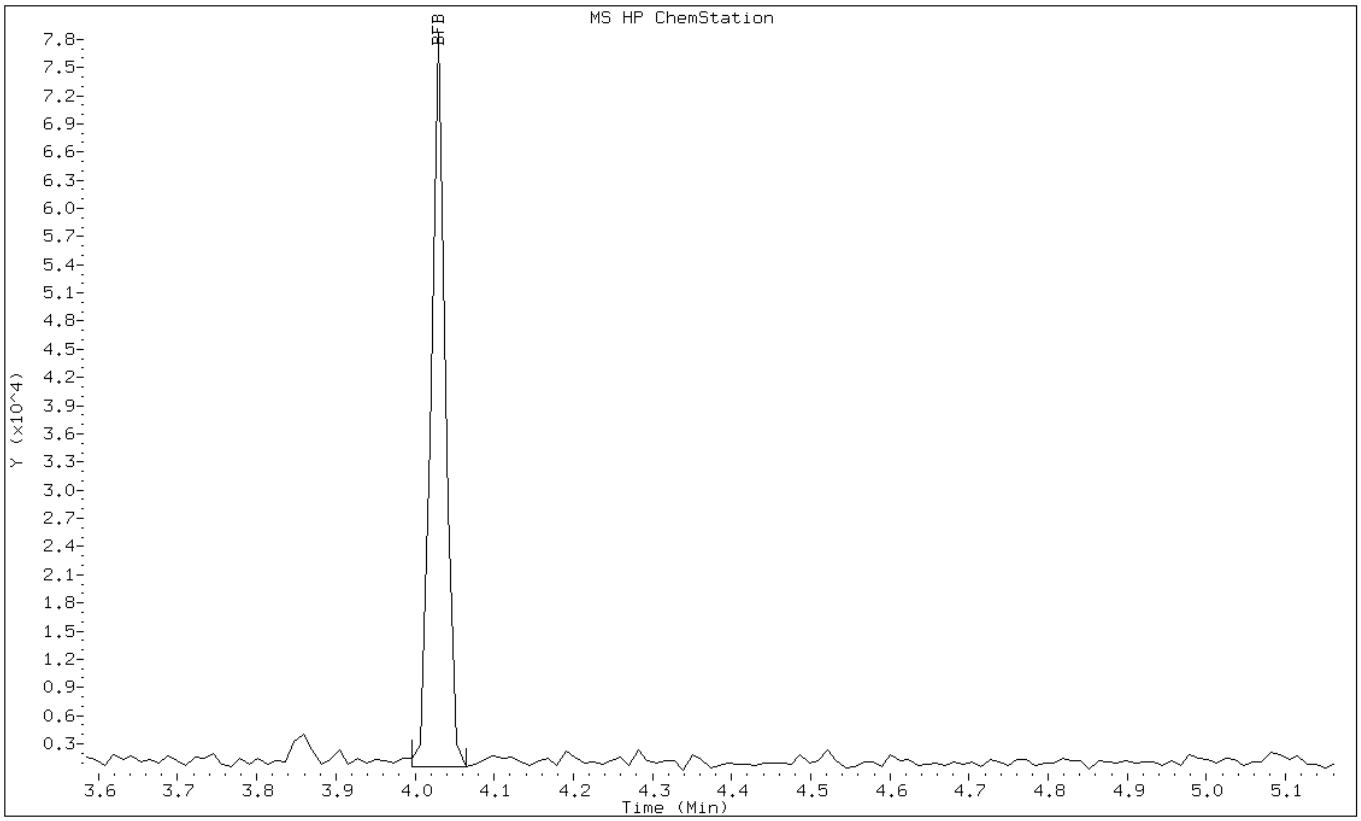
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.030	4.300 (0.000)	95	9202			0.00- 100.00	100.00
4.030	4.300 (0.000)	50	1485			15.00- 40.00	16.14
4.030	4.300 (0.000)	75	4175			30.00- 60.00	45.37
4.030	4.300 (0.000)	96	825			5.00- 9.00	8.97
4.030	4.300 (0.000)	173	171			0.00- 2.00	2.00
4.030	4.300 (0.000)	174	8553			50.00- 100.00	92.95
4.030	4.300 (0.000)	175	711			5.00- 9.00	8.31
4.030	4.300 (0.000)	176	8160			95.00- 101.00	95.41
4.030	4.300 (0.000)	177	526			5.00- 9.00	6.45

Data File: c61513.d

Date: 19-OCT-2011 18:31

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



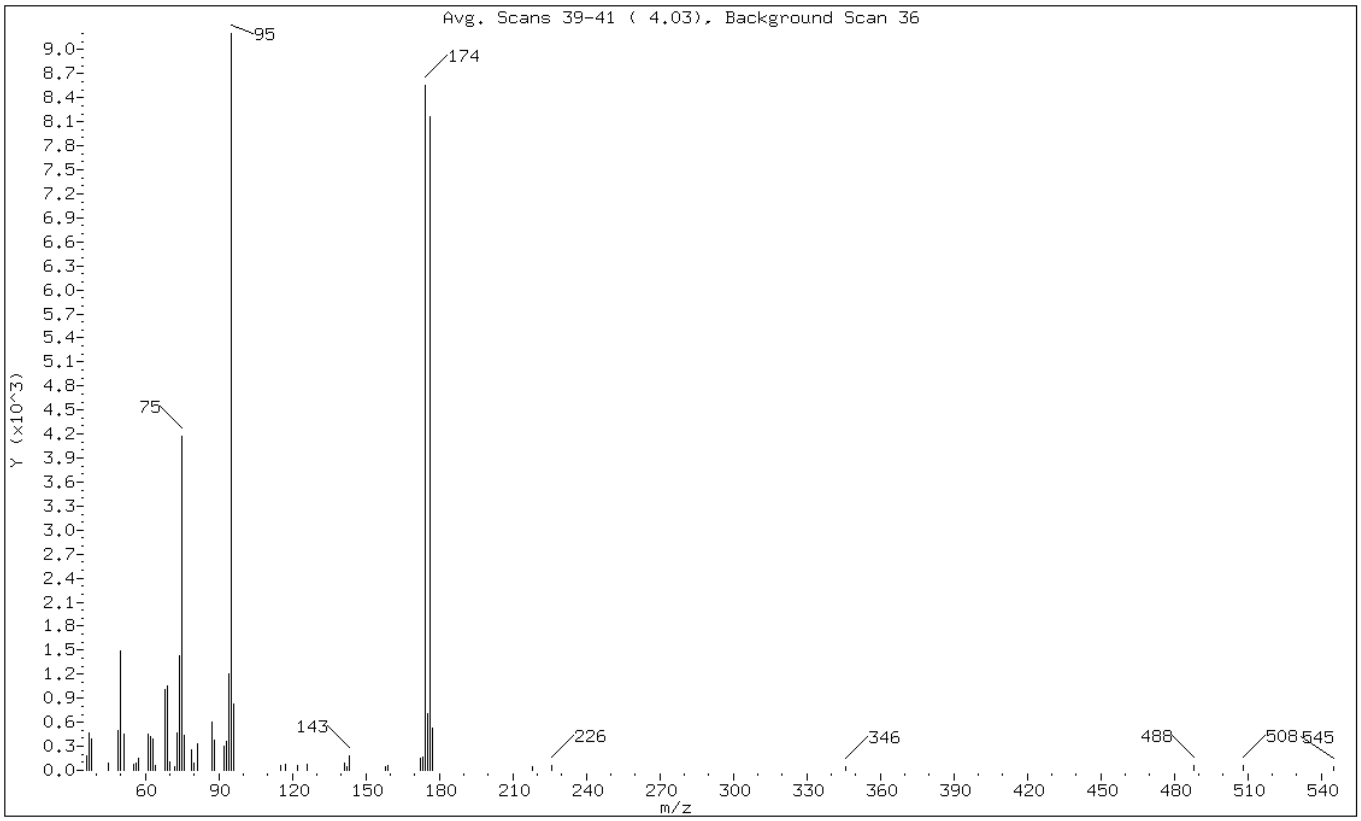
Data File: c61513.d

Date: 19-OCT-2011 18:31

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.14
75	30.00 - 60.00% of mass 95	45.37
96	5.00 - 9.00% of mass 95	8.97
173	Less than 2.00% of mass 174	1.86 (2.00)
174	50.00 - 100.00% of mass 95	92.95
175	5.00 - 9.00% of mass 174	7.73 (8.31)
176	95.00 - 101.00% of mass 174	88.68 (95.41)
177	5.00 - 9.00% of mass 176	5.72 (6.45)

Data File: c61513.d

Date: 19-OCT-2011 18:31

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61513.d
Spectrum: Avg. Scans 39-41 (4.03), Background Scan 36
Location of Maximum: 95.00
Number of points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	184	68.00	1016	93.00	357	173.00	171
37.00	467	69.00	1049	94.00	1212	174.00	8553
38.00	387	70.00	108	95.00	9202	175.00	711
45.00	83	72.00	51	96.00	825	176.00	8160
49.00	492	73.00	463	115.00	55	177.00	526
50.00	1485	74.00	1430	117.00	73	218.00	50
51.00	456	75.00	4175	122.00	55	226.00	62
55.00	69	76.00	440	126.00	71	346.00	52
56.00	93	79.00	262	141.00	89	488.00	63
57.00	144	80.00	92	142.00	52	508.00	58
61.00	453	81.00	328	143.00	183	545.00	50
62.00	426	87.00	601	158.00	51		
63.00	397	88.00	382	159.00	62		
64.00	60	92.00	303	172.00	151		

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61538.d
Report Date: 20-Oct-2011 06:57

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61538.d
Lab Smp Id: BFB
Inj Date : 20-OCT-2011 06:50
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

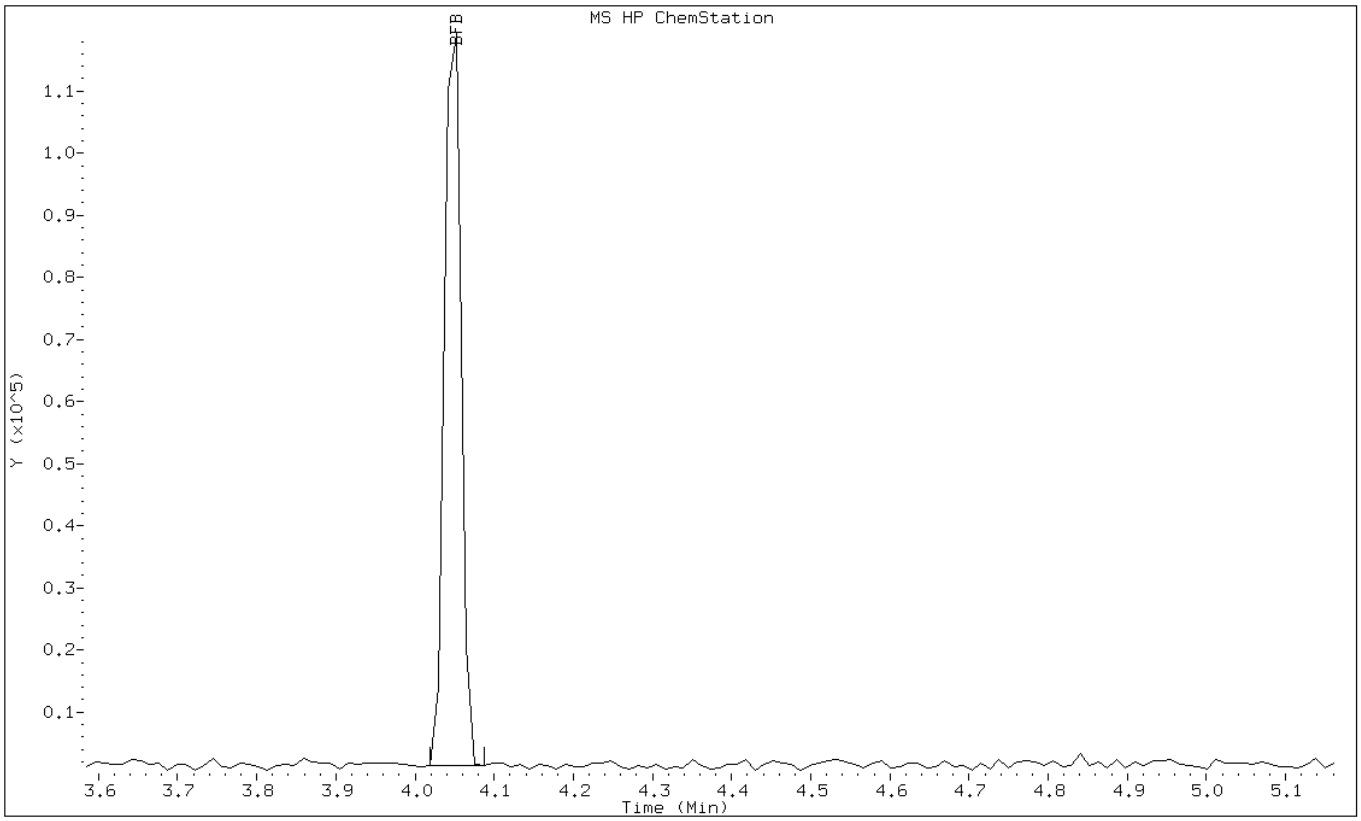
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.053	4.300 (0.000)	95	22856			0.00- 100.00	100.00
4.053	4.300 (0.000)	50	4475			15.00- 40.00	19.58
4.053	4.300 (0.000)	75	12270			30.00- 60.00	53.68
4.053	4.300 (0.000)	96	1423			5.00- 9.00	6.23
4.053	4.300 (0.000)	173	0			0.00- 2.00	0.00
4.053	4.300 (0.000)	174	16528			50.00- 100.00	72.31
4.053	4.300 (0.000)	175	1444			5.00- 9.00	8.74
4.053	4.300 (0.000)	176	16472			95.00- 101.00	99.66
4.053	4.300 (0.000)	177	944			5.00- 9.00	5.73

Data File: c61538.d

Date: 20-OCT-2011 06:50

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



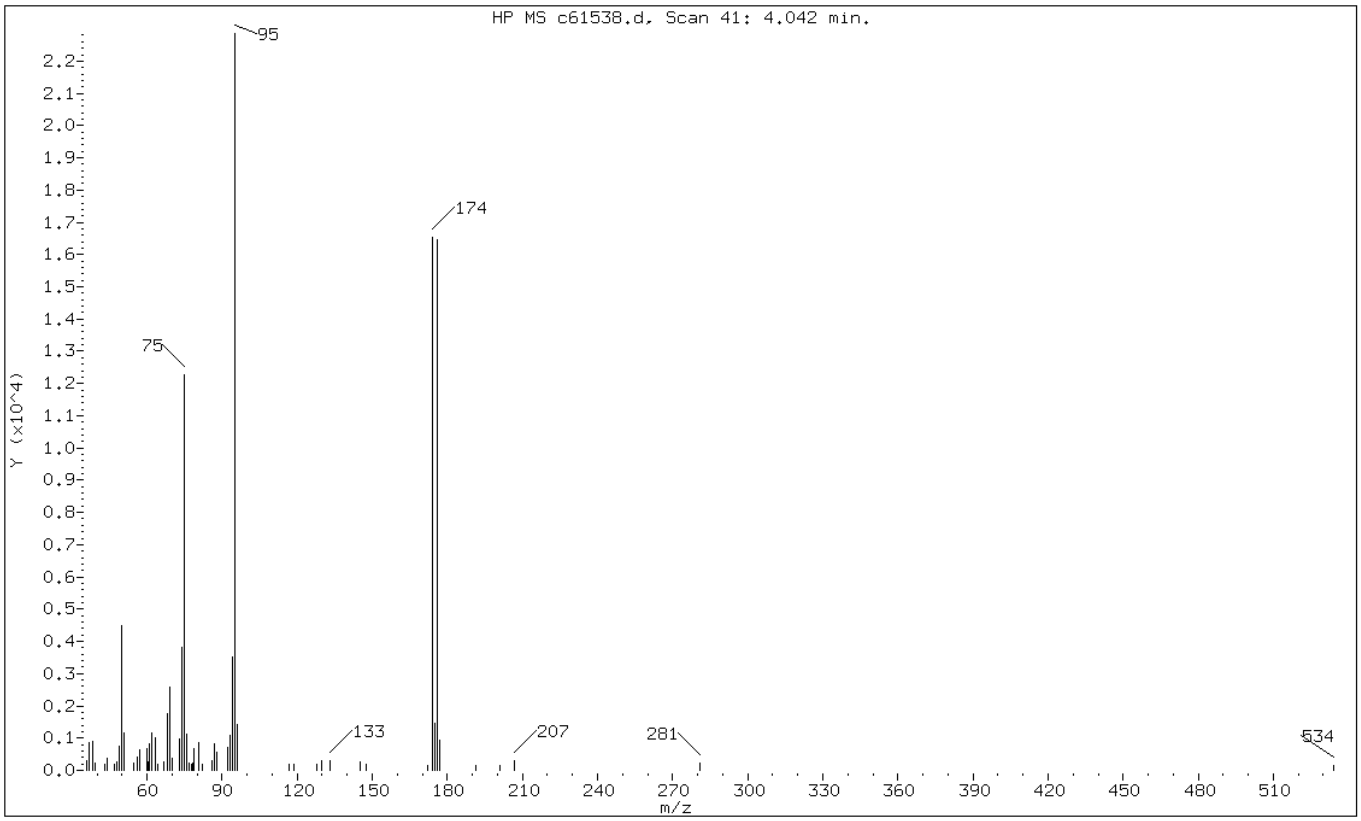
Data File: c61538.d

Date: 20-OCT-2011 06:50

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.58
75	30.00 - 60.00% of mass 95	53.68
96	5.00 - 9.00% of mass 95	6.23
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	72.31
175	5.00 - 9.00% of mass 174	6.32 (8.74)
176	95.00 - 101.00% of mass 174	72.07 (99.66)
177	5.00 - 9.00% of mass 176	4.13 (5.73)

Data File: c61538.d

Date: 20-OCT-2011 06:50

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61538.d
Spectrum: HP MS c61538.d, Scan 41: 4.042 min.
Location of Maximum: 95.00
Number of points: 59

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	294	60.30	275	78.30	213	130.00	297
36.90	845	61.10	822	78.90	663	133.00	314
38.10	881	62.00	1147	80.90	859	145.00	280
39.20	232	63.10	1014	81.90	172	147.80	172
43.10	202	64.10	205	86.00	300	172.00	162
44.20	388	66.90	259	86.90	809	174.00	16528
47.10	189	68.00	1757	88.10	560	174.90	1444
48.00	253	68.90	2569	92.10	702	176.00	16472
49.10	762	69.90	360	93.10	1081	176.90	944
50.00	4475	73.20	956	94.10	3505	191.20	168
51.00	1141	74.00	3828	95.00	22856	200.90	160
54.80	241	75.00	12270	96.00	1423	207.00	302
55.90	421	76.00	1129	117.00	171	280.90	228
57.00	638	76.90	219	118.90	204	534.10	161
59.80	688	77.80	202	128.00	198		

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61569.d
Report Date: 20-Oct-2011 19:47

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61569.d
Lab Smp Id: BFB
Inj Date : 20-OCT-2011 19:38
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.030	4.300 (0.000)	95	39128			0.00- 100.00	100.00
4.030	4.300 (0.000)	50	6243			15.00- 40.00	15.96
4.030	4.300 (0.000)	75	18016			30.00- 60.00	46.04
4.030	4.300 (0.000)	96	2529			5.00- 9.00	6.46
4.030	4.300 (0.000)	173	0			0.00- 2.00	0.00
4.030	4.300 (0.000)	174	35352			50.00- 100.00	90.35
4.030	4.300 (0.000)	175	2941			5.00- 9.00	8.32
4.030	4.300 (0.000)	176	33976			95.00- 101.00	96.11
4.030	4.300 (0.000)	177	2215			5.00- 9.00	6.52

Data File: c61569.d

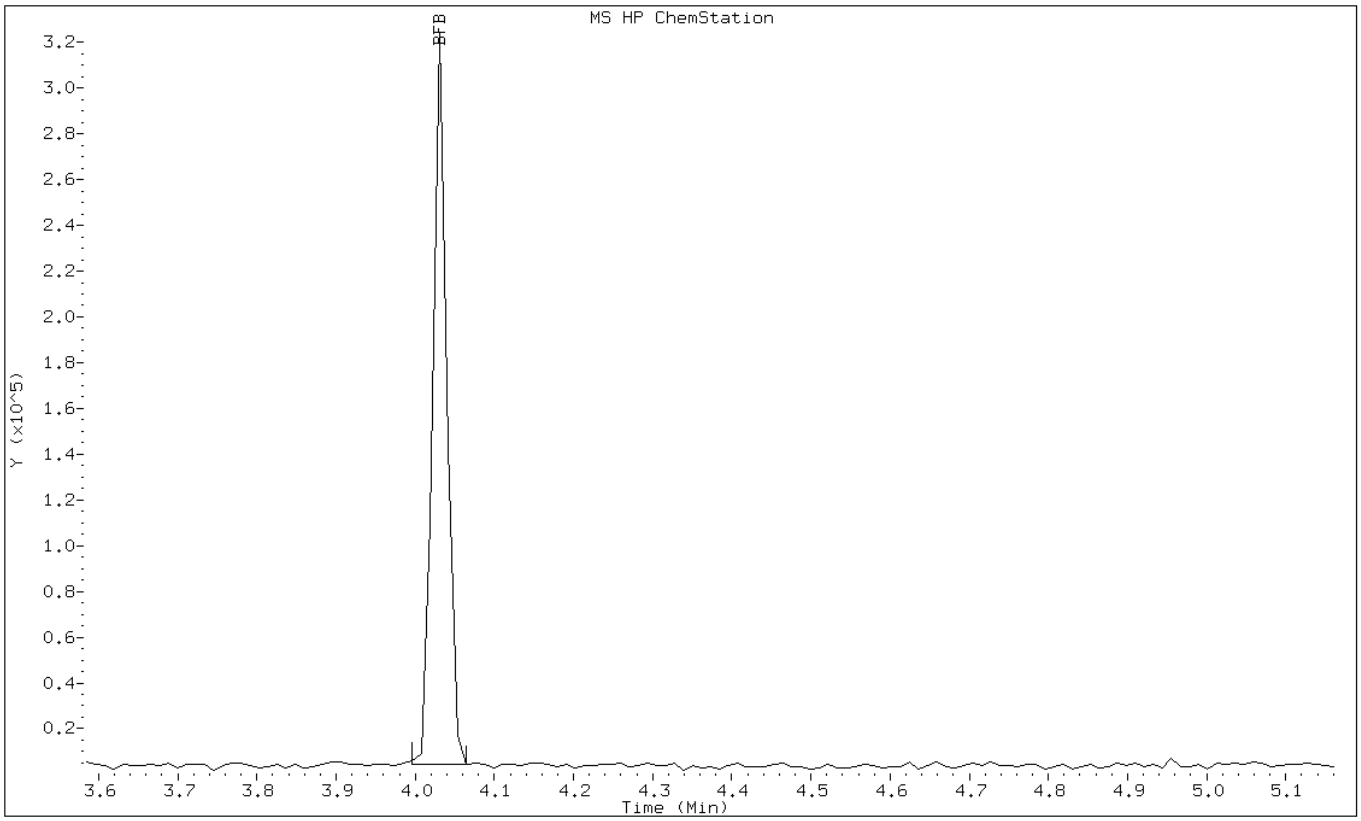
Date: 20-OCT-2011 19:38

Client ID:

Instrument: VOAMS3.i

Sample Info: BFB

Operator: VOAMS 1



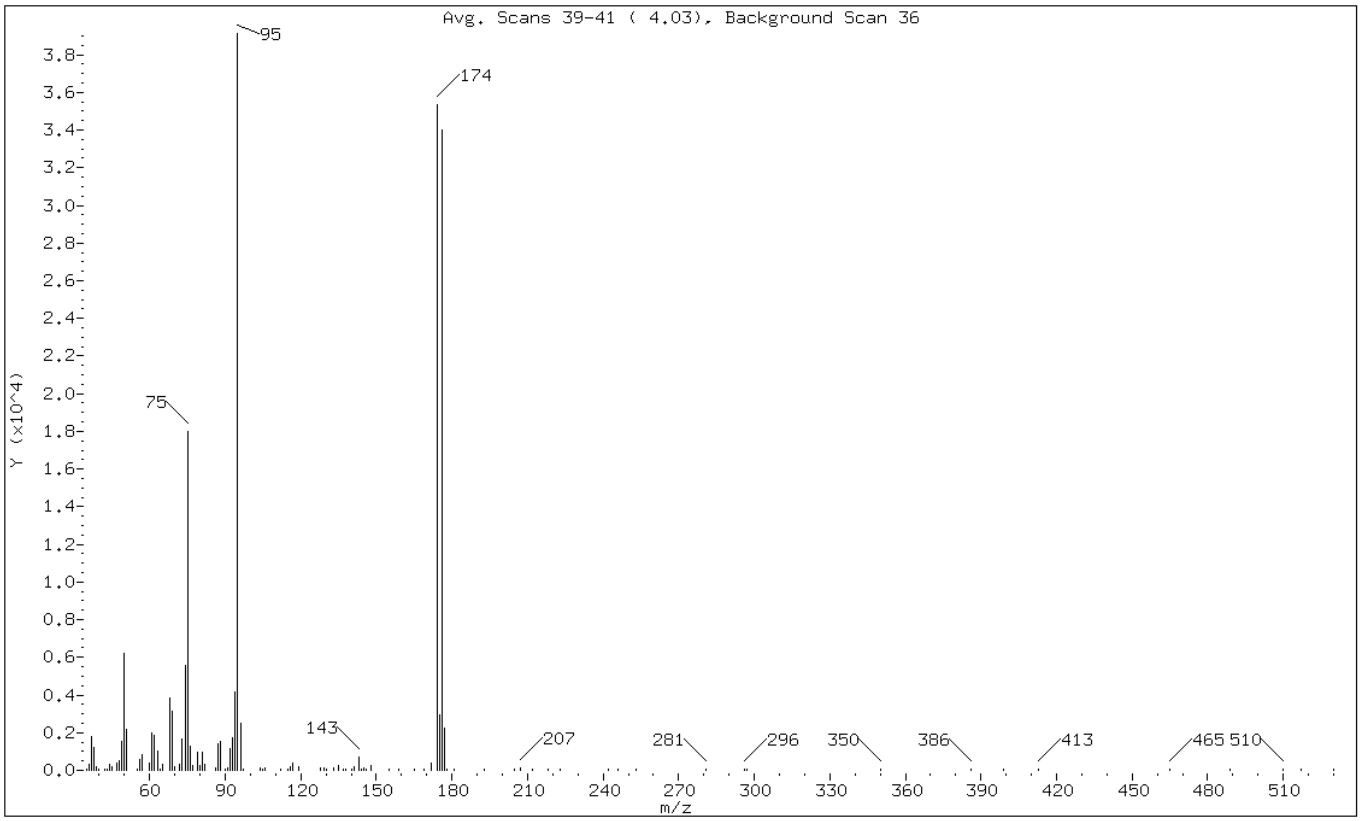
Data File: c61569.d

Date: 20-OCT-2011 19:38

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.96
75	30.00 - 60.00% of mass 95	46.04
96	5.00 - 9.00% of mass 95	6.46
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	90.35
175	5.00 - 9.00% of mass 174	7.52 (8.32)
176	95.00 - 101.00% of mass 174	86.83 (96.11)
177	5.00 - 9.00% of mass 176	5.66 (6.52)

Data File: c61569.d

Date: 20-OCT-2011 19:38

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61569.d
Spectrum: Avg. Scans 39-41 (4.03), Background Scan 36
Location of Maximum: 95.00
Number of points: 102

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	52	70.00	161	115.00	60	177.00	2215
36.00	307	72.00	327	116.00	167	178.00	58
37.00	1805	73.00	1653	117.00	366	181.00	62
38.00	1191	74.00	5552	119.00	180	193.00	63
39.00	212	75.00	18016	128.00	135	205.00	64
40.00	90	76.00	1252	129.00	115	207.00	120
42.00	54	77.00	232	130.00	72	212.00	72
43.00	59	79.00	959	133.00	138	218.00	57
44.00	298	80.00	253	135.00	252	223.00	64
45.00	187	81.00	978	137.00	73	242.00	52
47.00	387	82.00	331	138.00	53	246.00	63
48.00	497	86.00	132	140.00	51	253.00	80
49.00	1520	87.00	1392	141.00	199	281.00	94
50.00	6243	88.00	1564	143.00	699	296.00	56
51.00	2204	90.00	62	144.00	51	297.00	56
55.00	63	91.00	113	145.00	125	350.00	53
56.00	554	92.00	1125	146.00	57	386.00	71
57.00	855	93.00	1729	148.00	256	399.00	51
60.00	395	94.00	4153	155.00	58	413.00	56
61.00	1987	95.00	39128	159.00	56	465.00	64
62.00	1855	96.00	2529	165.00	51	489.00	59
63.00	1029	97.00	52	169.00	58	510.00	89
64.00	86	104.00	123	172.00	356	517.00	66
65.00	297	105.00	66	174.00	35352	530.00	50
68.00	3812	106.00	155	175.00	2941		
69.00	3167	112.00	55	176.00	33976		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-90116/4

Matrix: Water Lab File ID: c61517.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2011 20:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-90116/4

Matrix: Water Lab File ID: c61517.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2011 20:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-122
2037-26-5	Toluene-d8 (Surr)	95		69-125
460-00-4	Bromofluorobenzene	97		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61517.d
Report Date: 20-Oct-2011 00:12

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61517.d
Lab Smp Id: MB
Inj Date : 19-OCT-2011 20:23
Operator : Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

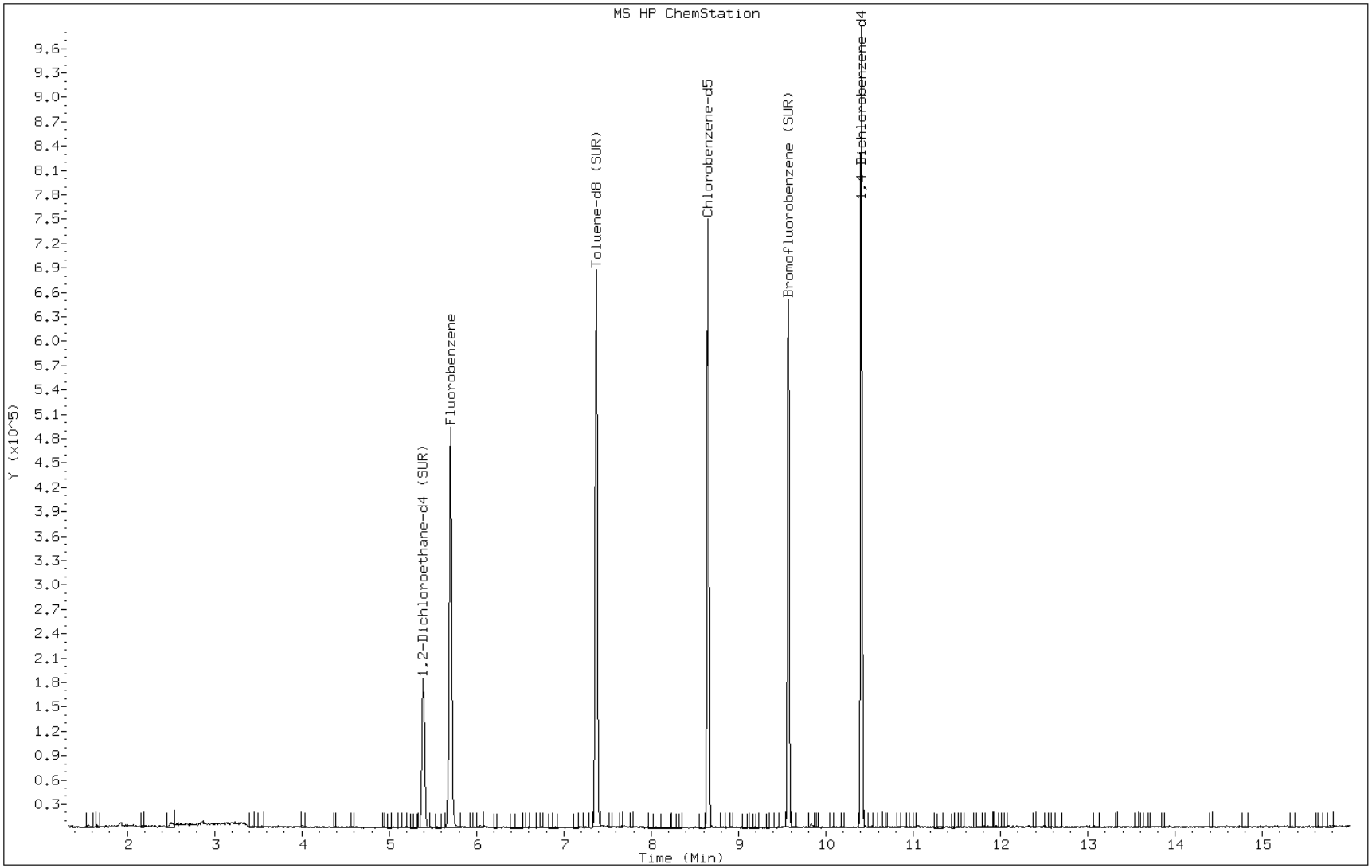
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.387	(0.946)	146615	52.3772	52
* 52 Fluorobenzene	96	5.703	5.703	(1.000)	518182	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	405142	47.3636	47
* 78 Chlorobenzene-d5	117	8.647	8.648	(1.000)	372386	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	147591	48.3515	48
* 108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	199619	50.0000	

Data File: c61517.d

Date: 19-OCT-2011 20:23

Client ID: Instrument: VOAMS3.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-90161/4

Matrix: Water Lab File ID: c61542.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90161 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-90161/4

Matrix: Water Lab File ID: c61542.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 08:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90161 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	98		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61542.d
Report Date: 20-Oct-2011 09:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61542.d
Lab Smp Id: MB
Inj Date : 20-OCT-2011 08:28
Operator : Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/8260_09.m
Meth Date : 20-Oct-2011 07:49 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

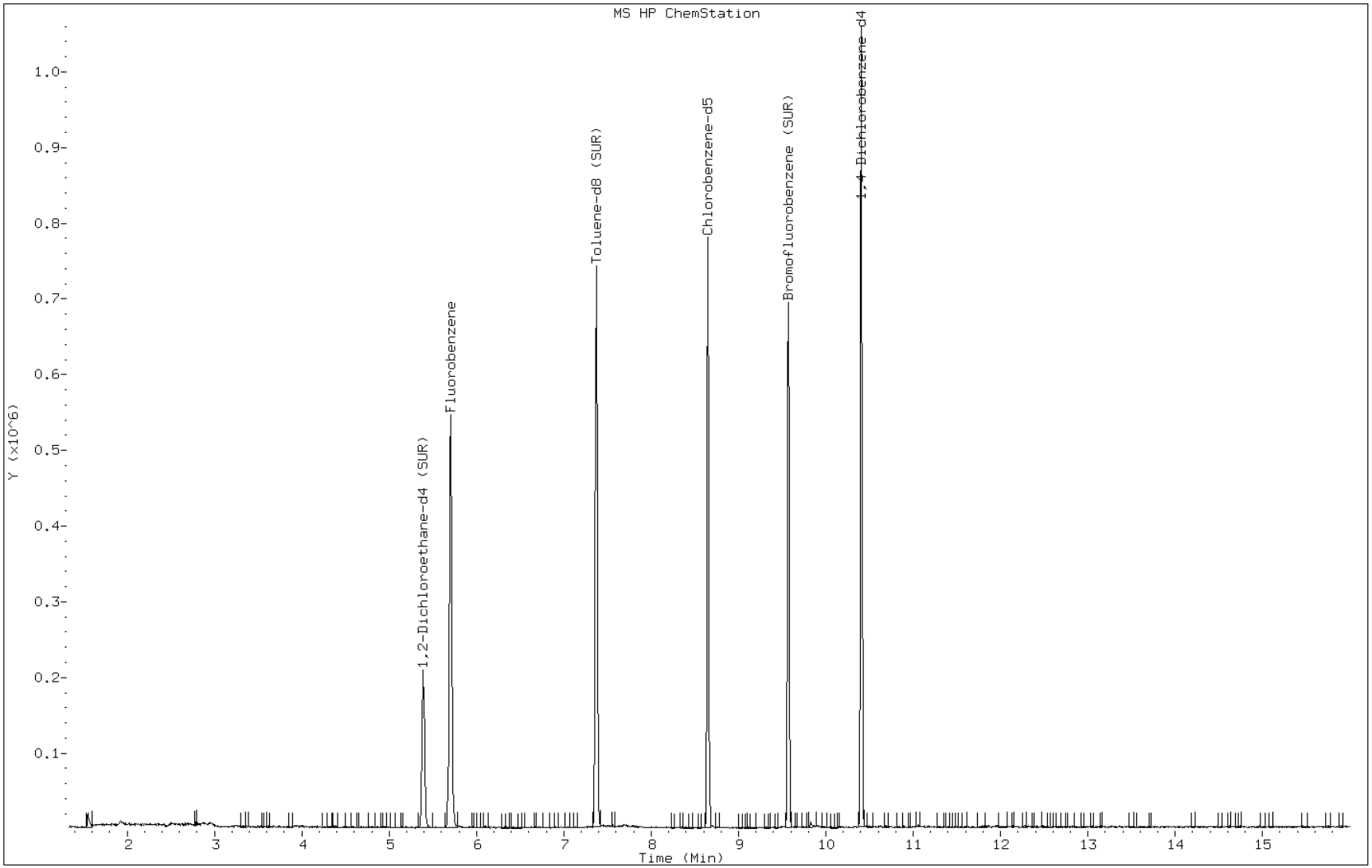
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	156359	50.6194	51
* 52 Fluorobenzene	96	5.703	5.709	(1.000)	571811	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	434082	47.7722	48
* 78 Chlorobenzene-d5	117	8.653	8.654	(1.000)	395573	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	161842	49.0988	49
* 108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	215562	50.0000	

Data File: c61542.d

Date: 20-OCT-2011 08:28

Client ID: Instrument: VOAMS3.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-32413-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-90279/4

Matrix: Water | Lab File ID: c61575.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2011 22:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 90279 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	10	U	10	0.68
591-78-6	2-Hexanone	10	U	10	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-90279/4

Matrix: Water Lab File ID: c61575.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 22:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90279 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-122
2037-26-5	Toluene-d8 (Surr)	98		69-125
460-00-4	Bromofluorobenzene	102		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61575.d
Report Date: 20-Oct-2011 23:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61575.d
Lab Smp Id: MB
Inj Date : 20-OCT-2011 22:33
Operator : Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/8260_09.m
Meth Date : 20-Oct-2011 21:01 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

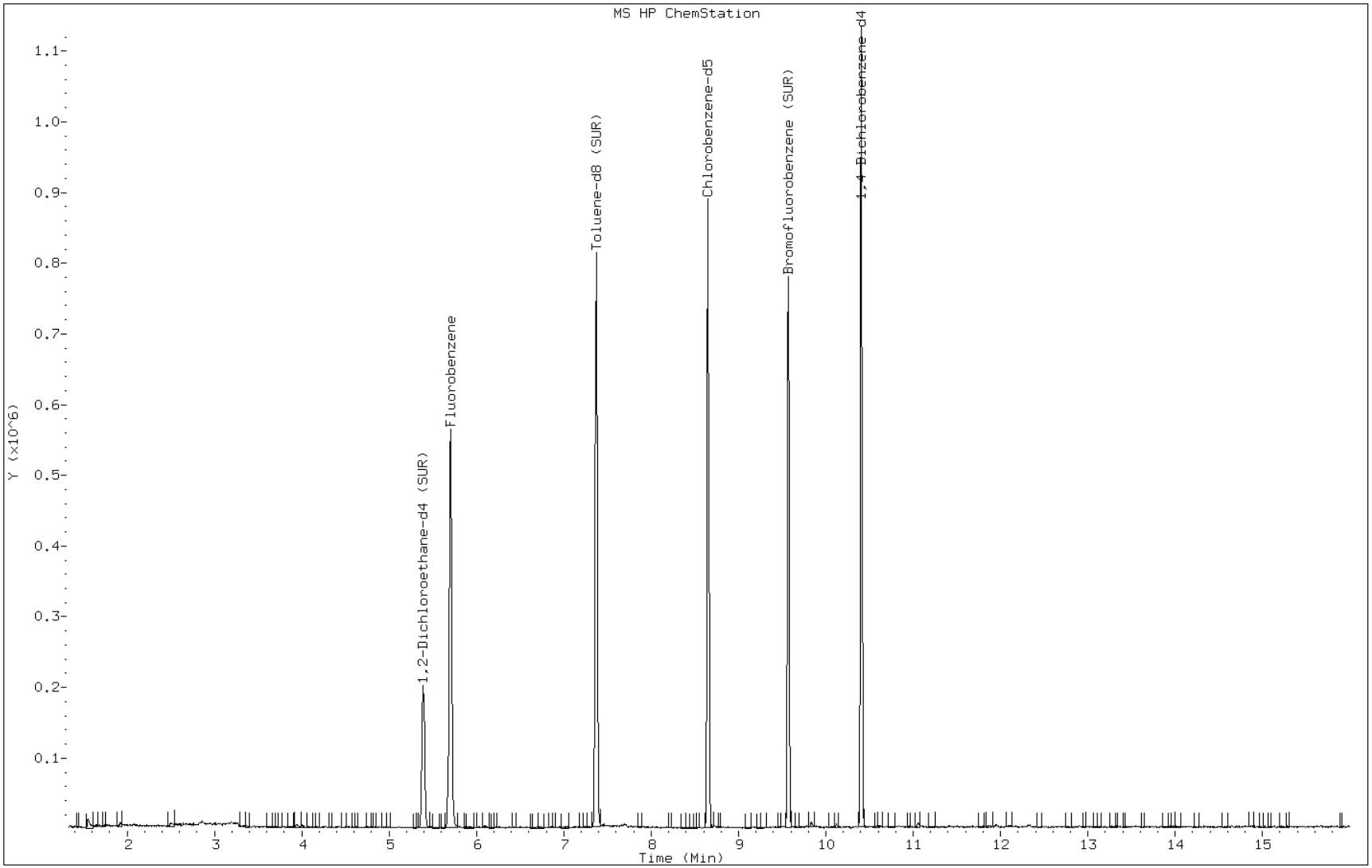
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	166775	51.1082	51
* 52 Fluorobenzene	96	5.703	5.703	(1.000)	604069	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	483496	48.9705	49
* 78 Chlorobenzene-d5	117	8.648	8.647	(1.000)	429822	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	178821	50.9478	51
* 108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	229533	50.0000	

Data File: c61575.d

Date: 20-OCT-2011 22:33

Client ID: Instrument: VOAMS3.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-32413-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-90116/3

Matrix: Water | Lab File ID: c61515.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/19/2011 19:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 90116 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.2		1.0	0.21
74-83-9	Bromomethane	19.0		1.0	0.31
75-01-4	Vinyl chloride	18.0		1.0	0.13
75-00-3	Chloroethane	21.4		1.0	0.45
75-09-2	Methylene Chloride	17.5		1.0	0.19
67-64-1	Acetone	19.9		10	2.5
75-15-0	Carbon disulfide	18.2		1.0	0.15
75-35-4	1,1-Dichloroethene	18.8		1.0	0.14
75-34-3	1,1-Dichloroethane	19.5		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	20.1		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.20
67-66-3	Chloroform	21.2		1.0	0.15
107-06-2	1,2-Dichloroethane	21.1		1.0	0.24
78-93-3	2-Butanone	16.9		10	0.82
71-55-6	1,1,1-Trichloroethane	21.6		1.0	0.25
56-23-5	Carbon tetrachloride	22.5		1.0	0.19
75-27-4	Bromodichloromethane	20.4		1.0	0.093
78-87-5	1,2-Dichloropropane	18.2		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.11
79-01-6	Trichloroethene	20.2		1.0	0.18
124-48-1	Dibromochloromethane	19.9		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.1		1.0	0.10
71-43-2	Benzene	18.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	16.7		1.0	0.12
75-25-2	Bromoform	19.4		1.0	0.10
108-10-1	4-Methyl-2-pentanone	12.1		10	0.68
591-78-6	2-Hexanone	11.3		10	0.55
127-18-4	Tetrachloroethene	17.7		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	17.0		1.0	0.090
108-88-3	Toluene	18.7		1.0	0.090
108-90-7	Chlorobenzene	19.4		1.0	0.16
100-41-4	Ethylbenzene	18.2		1.0	0.25
100-42-5	Styrene	20.5		1.0	0.13
1330-20-7	Xylenes, Total	59.4		3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-90116/3

Matrix: Water Lab File ID: c61515.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2011 19:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-122
2037-26-5	Toluene-d8 (Surr)	100		69-125
460-00-4	Bromofluorobenzene	97		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61515.d
Report Date: 19-Oct-2011 19:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61515.d
Lab Smp Id: LCS
Inj Date : 19-OCT-2011 19:16
Operator : Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.439	(0.252)	47294	19.8452	20
3 Chloromethane	50	1.621	1.621	(0.284)	35507	16.1887	16
4 Vinyl Chloride	62	1.706	1.712	(0.299)	45800	18.0183	18
6 Bromomethane	94	1.998	2.010	(0.350)	15139	19.0430	19
5 Chloroethane	64	2.095	2.102	(0.367)	33933	21.3762	21
7 Trichlorofluoromethane	101	2.284	2.290	(0.400)	97197	23.4140	23
176 Dichlorofluoromethane	67	2.284	2.284	(0.400)	84623	20.5155	20
9 Ethanol	46	2.503	2.497	(0.439)	20162	2834.42	2800
11 Ethyl Ether	59	2.546	2.546	(0.446)	31281	16.4627	16
10 Isoprene	67	2.558	2.564	(0.448)	59615	18.7240	19
14 Freon TF	101	2.716	2.722	(0.476)	47891	21.7868	22
13 Acrolein	56	2.728	2.728	(0.478)	9761	33.1044	33
15 1,1-Dichloroethene	96	2.758	2.765	(0.484)	41055	18.7892	19
16 Acetone	43	2.862	2.868	(0.502)	9387	19.9221	20
18 Carbon Disulfide	76	2.953	2.959	(0.518)	107128	18.2239	18
27 Methyl Acetate	43	3.123	3.124	(0.548)	32616	14.4984	14

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61515.d
Report Date: 19-Oct-2011 19:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	172 Cyclopentene	67	2.710	2.740	(0.475)	584	0.12342	0.12(a)
	21 Acetonitrile	39	3.178	3.191	(0.557)	12735	313.389	310
	22 Methylene Chloride	84	3.239	3.245	(0.568)	44926	17.4873	17
	24 TBA	59	3.330	3.324	(0.584)	56392	313.675	310
	28 MTBE	73	3.422	3.428	(0.600)	124810	17.8820	18
	25 trans-1,2-Dichloroethene	96	3.440	3.452	(0.603)	48713	20.0601	20
	26 Acrylonitrile	53	3.537	3.537	(0.620)	11681	16.3928	16
	29 Hexane	56	3.610	3.623	(0.633)	30075	17.6858	18
	32 DIPE	45	3.866	3.866	(0.678)	106661	16.3494	16
	30 1,1-Dichloroethane	63	3.890	3.896	(0.682)	79362	19.5184	20
	31 Vinyl Acetate	43	3.914	3.921	(0.686)	26048	13.1028	13
	34 n-Propanol	60	4.000	3.994	(0.701)	16992	2535.16	2500
	35 t-Butyl-ethyl-ether	59	4.219	4.225	(0.740)	118228	16.9985	17
	37 2,2-Dichloropropane	77	4.444	4.450	(0.779)	73323	20.1005	20
	36 cis-1,2-Dichloroethene	96	4.480	4.486	(0.786)	53487	19.6776	20
	38 2-Butanone	72	4.523	4.517	(0.793)	4715	16.9340	17
	39 Ethyl Acetate	70	4.529	4.517	(0.794)	8408	34.3688	34
	40 Bromochloromethane	128	4.742	4.742	(0.831)	26639	20.1996	20
	41 Tetrahydrofuran	42	4.748	4.748	(0.833)	7393	13.5026	14
	42 Chloroform	83	4.803	4.803	(0.842)	89228	21.2224	21
	44 Cyclohexane	56	4.930	4.937	(0.865)	63678	17.6734	18
	43 1,1,1-Trichloroethane	97	4.961	4.961	(0.870)	85366	21.6398	22
	45 Carbon Tetrachloride	117	5.095	5.089	(0.893)	72425	22.5179	22
	46 1,1-Dichloropropene	75	5.137	5.137	(0.901)	59940	18.8490	19
	48 Benzene	78	5.362	5.369	(0.620)	192742	18.8177	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.387	5.387	(0.945)	147904	53.9533	54
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.956)	108456	16.9804	17
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	138387	31.9637	32
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	66363	21.0602	21
	51 n-Heptane	57	5.539	5.539	(0.971)	11540	16.2927	16
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	507468	50.0000	
	53 n-Butanol	56	6.098	6.093	(1.069)	47965	1044.36	1000
	54 Trichloroethene	95	6.123	6.117	(1.074)	47663	20.1598	20
	56 Methyl cyclohexane	83	6.238	6.245	(1.094)	68932	18.0697	18
	55 Ethyl Acrylate	55	6.244	6.269	(1.095)	82422	15.6849	16
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	41066	18.1539	18
	59 Methyl Methacrylate	100	6.524	6.518	(1.144)	10399	14.8354	15
	60 1,4-Dioxane	88	6.555	6.555	(1.149)	2929	121.049	120
	58 Dibromomethane	93	6.561	6.561	(1.150)	30236	22.3414	22
	75 Propyl Acetate	43	6.585	6.585	(1.155)	67106	27.2239	27
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	63524	20.4046	20
	62 2-Chloroethyl Vinyl Ether	63	7.035	7.029	(1.234)	16442	13.3921	13
	63 Epichlorohydrin	57	7.126	7.127	(0.824)	52965	291.489	290
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	67479	17.3055	17
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.846)	21459	12.0787	12
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	457244	49.9217	50
	66 Toluene	91	7.431	7.431	(0.859)	210445	18.6957	19

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61515.d
Report Date: 19-Oct-2011 19:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.710	7.711	(0.892)	60106	16.7473	17
	69 1,1,2-Trichloroethane	83	7.869	7.875	(0.910)	34715	18.0983	18
	71 Tetrachloroethene	166	7.899	7.905	(0.913)	52288	17.7210	18
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	66639	17.0369	17
	73 2-Hexanone	43	8.069	8.064	(0.933)	13616	11.2993	11
	76 Butyl Acetate	73	8.142	8.143	(0.942)	15078	24.8938	25
	74 Dibromochloromethane	129	8.191	8.191	(0.947)	49748	19.8658	20
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	43396	19.0647	19
*	78 Chlorobenzene-d5	117	8.647	8.648	(1.000)	398739	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.003)	142147	19.4081	19
	81 Ethylbenzene	106	8.733	8.733	(1.010)	71435	18.2027	18
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	52431	20.5457	20
	82 m+p-Xylene	106	8.830	8.830	(1.021)	189055	39.7319	40
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	21742	11.9361	12
	84 o-Xylene	106	9.140	9.146	(1.057)	94341	19.7181	20
	85 Styrene	104	9.164	9.165	(1.060)	164385	20.5200	20
	87 Amyl Acetate	43	9.280	9.280	(0.892)	23395	11.2209	11
	86 Bromoform	173	9.335	9.335	(1.079)	30291	19.3508	19
	88 Isopropylbenzene	105	9.414	9.414	(1.089)	218446	20.0121	20
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	177131	48.6838	49
	90 Camphene (total)	41	9.584	9.584	(1.108)	13924	17.3890	17
	91 Bromobenzene	156	9.682	9.682	(0.930)	63854	18.0463	18
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	48271	16.9959	17
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	256971	18.8195	19
	93 1,2,3-Trichloropropane	110	9.736	9.737	(0.936)	17073	18.1657	18
	94 trans-1,4-Dichloro-2-butene	53	9.748	9.749	(0.937)	10353	15.3455	15
	96 2-Chlorotoluene	91	9.809	9.810	(0.943)	165276	19.6310	20
	97 1,3,5-Trimethylbenzene	105	9.846	9.846	(0.946)	200057	20.3278	20
	99 Butyl Methacrylate	87	9.907	9.901	(0.952)	56637	14.5690	14
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	181543	20.3766	20
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	159392	18.8025	19
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	206026	20.7081	21
	102 2-Octanone	43	10.199	10.199	(0.980)	39832	11.8707	12
	104 2-Octanol	45	10.223	10.223	(0.982)	7547	10.7097	11
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	239688	20.8227	21
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	203526	19.7098	20
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	124154	18.7636	19
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	237938	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	129066	18.5978	18
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	82135	13.7933	14(R)
	173 Indan	117	10.625	10.576	(1.021)	5243	0.52734	0.53(a)
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	169745	18.0787	18
	111 1,2-Dichlorobenzene	146	10.691	10.692	(1.027)	120048	18.7614	19
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	8349	16.4678	16
	113 Camphor	95	11.787	11.787	(1.133)	14349	51.7367	52
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	59468	15.6045	16
	115 Hexachlorobutadiene	225	11.951	11.945	(1.148)	32477	17.5519	18

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61515.d
Report Date: 19-Oct-2011 19:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	120262	15.7510	16
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	49718	16.2722	16
M 120 1,2-Dichloroethene (Total)	100				102201	39.7377	40
M 121 Xylene (Total)	100				283396	59.4500	59

QC Flag Legend

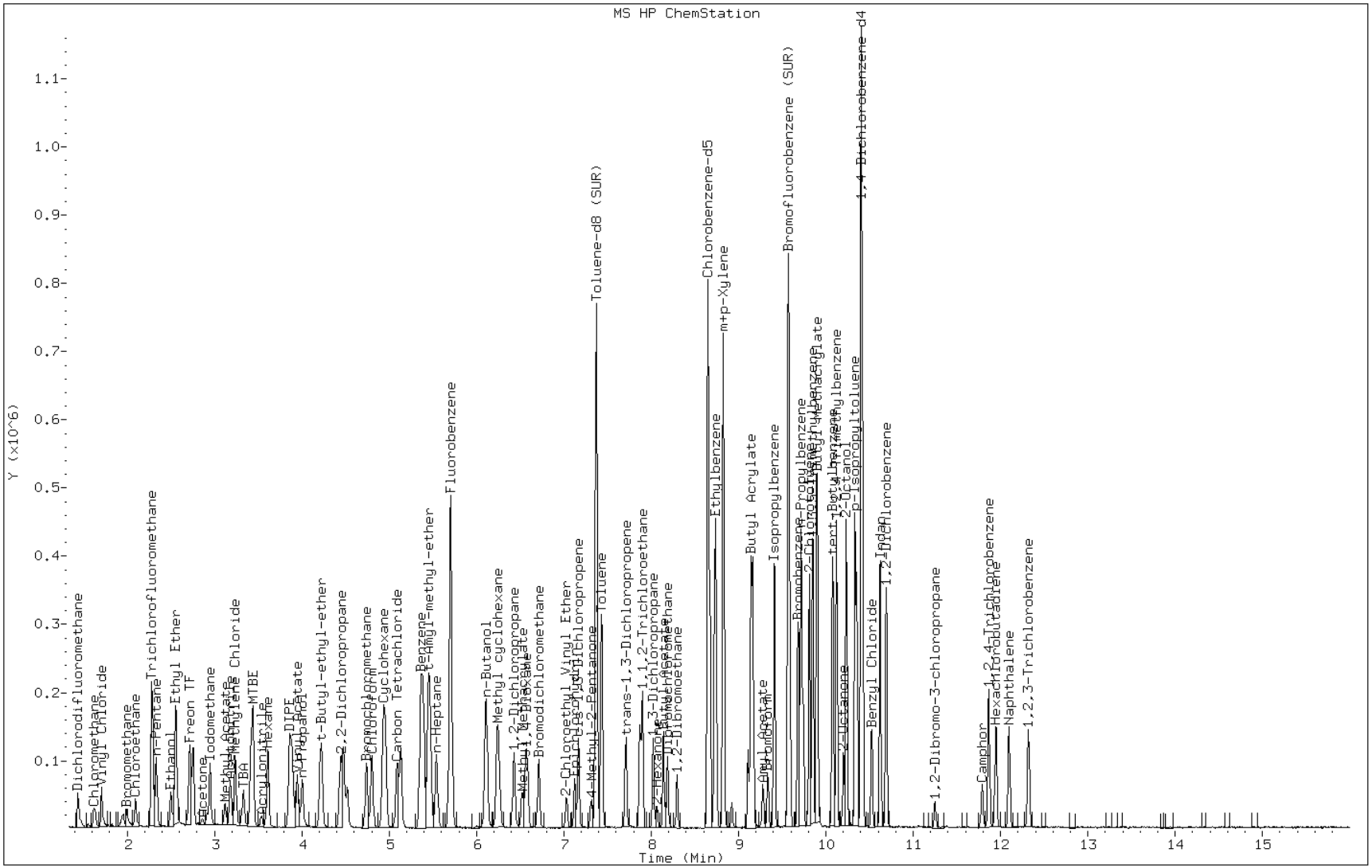
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: c61515.d

Date: 19-OCT-2011 19:16

Client ID: Instrument: VOAMS3.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-32413-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-90161/3

Matrix: Water | Lab File ID: c61540.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2011 07:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 90161 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	15.1		1.0	0.21
74-83-9	Bromomethane	13.9		1.0	0.31
75-01-4	Vinyl chloride	16.2		1.0	0.13
75-00-3	Chloroethane	19.9		1.0	0.45
75-09-2	Methylene Chloride	18.7		1.0	0.19
67-64-1	Acetone	20.8		10	2.5
75-15-0	Carbon disulfide	17.9		1.0	0.15
75-35-4	1,1-Dichloroethene	18.5		1.0	0.14
75-34-3	1,1-Dichloroethane	18.8		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.20
67-66-3	Chloroform	21.0		1.0	0.15
107-06-2	1,2-Dichloroethane	20.3		1.0	0.24
78-93-3	2-Butanone	16.7		10	0.82
71-55-6	1,1,1-Trichloroethane	21.0		1.0	0.25
56-23-5	Carbon tetrachloride	21.8		1.0	0.19
75-27-4	Bromodichloromethane	20.2		1.0	0.093
78-87-5	1,2-Dichloropropane	18.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.7		1.0	0.11
79-01-6	Trichloroethene	21.6		1.0	0.18
124-48-1	Dibromochloromethane	21.3		1.0	0.11
79-00-5	1,1,2-Trichloroethane	19.1		1.0	0.10
71-43-2	Benzene	19.3		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	17.7		1.0	0.12
75-25-2	Bromoform	19.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	14.3		10	0.68
591-78-6	2-Hexanone	13.5		10	0.55
127-18-4	Tetrachloroethene	19.9		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.090
108-88-3	Toluene	19.2		1.0	0.090
108-90-7	Chlorobenzene	20.7		1.0	0.16
100-41-4	Ethylbenzene	19.6		1.0	0.25
100-42-5	Styrene	21.7		1.0	0.13
1330-20-7	Xylenes, Total	61.8		3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-90161/3

Matrix: Water Lab File ID: c61540.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 07:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90161 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-122
2037-26-5	Toluene-d8 (Surr)	98		69-125
460-00-4	Bromofluorobenzene	100		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61540.d
Report Date: 20-Oct-2011 07:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61540.d
Lab Smp Id: LCS
Inj Date : 20-OCT-2011 07:33
Operator : Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/8260_09.m
Meth Date : 20-Oct-2011 07:49 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	44723	16.2286	16
3 Chloromethane	50	1.621	1.627	(0.284)	38220	15.0692	15
4 Vinyl Chloride	62	1.706	1.706	(0.299)	47680	16.2210	16
6 Bromomethane	94	2.010	2.016	(0.352)	12787	13.9086	14
5 Chloroethane	64	2.102	2.102	(0.368)	36519	19.8945	20
7 Trichlorofluoromethane	101	2.290	2.290	(0.402)	92657	19.3018	19
176 Dichlorofluoromethane	67	2.284	2.284	(0.400)	91031	19.0845	19
9 Ethanol	46	2.497	2.497	(0.438)	19295	2345.68	2300
11 Ethyl Ether	59	2.546	2.546	(0.446)	38531	17.5359	18
10 Isoprene	67	2.558	2.564	(0.448)	65204	17.7099	18
14 Freon TF	101	2.716	2.722	(0.476)	52252	20.5562	20
13 Acrolein	56	2.728	2.734	(0.478)	11751	34.4620	34
15 1,1-Dichloroethene	96	2.759	2.759	(0.484)	46752	18.5030	18
16 Acetone	43	2.862	2.862	(0.502)	11349	20.8283	21
18 Carbon Disulfide	76	2.953	2.959	(0.518)	121364	17.8537	18
27 Methyl Acetate	43	3.124	3.124	(0.548)	40108	15.4176	15

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61540.d
Report Date: 20-Oct-2011 07:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	172 Cyclopentene	67	2.710	2.716	(0.475)	631	0.11540	0.12(a)
	21 Acetonitrile	39	3.184	3.178	(0.558)	15636	332.733	330
	22 Methylene Chloride	84	3.239	3.245	(0.568)	55571	18.7057	19
	24 TBA	59	3.324	3.324	(0.583)	74771	359.662	360
	28 MTBE	73	3.422	3.422	(0.600)	154042	19.0856	19
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	54648	19.4608	19
	26 Acrylonitrile	53	3.537	3.543	(0.620)	15059	18.2754	18
	29 Hexane	56	3.616	3.622	(0.634)	35390	17.9969	18
	32 DIPE	45	3.866	3.860	(0.678)	128020	16.9696	17
	30 1,1-Dichloroethane	63	3.890	3.896	(0.682)	88434	18.8084	19
	31 Vinyl Acetate	43	3.914	3.921	(0.686)	30692	13.3506	13
	34 n-Propanol	60	4.006	3.994	(0.702)	19016	2453.55	2400
	35 t-Butyl-ethyl-ether	59	4.219	4.219	(0.740)	142906	17.7679	18
	37 2,2-Dichloropropane	77	4.444	4.450	(0.779)	81724	19.3739	19
	36 cis-1,2-Dichloroethene	96	4.480	4.480	(0.786)	60382	19.2099	19
	38 2-Butanone	72	4.517	4.517	(0.792)	5374	16.6892	17
	39 Ethyl Acetate	70	4.529	4.529	(0.794)	9741	34.4326	34
	40 Bromochloromethane	128	4.742	4.742	(0.831)	31119	20.4056	20
	41 Tetrahydrofuran	42	4.754	4.754	(0.834)	9374	14.8057	15
	42 Chloroform	83	4.803	4.803	(0.842)	102315	21.0441	21
	44 Cyclohexane	56	4.936	4.936	(0.866)	74584	17.9009	18
	43 1,1,1-Trichloroethane	97	4.961	4.955	(0.870)	95584	20.9531	21
	45 Carbon Tetrachloride	117	5.089	5.095	(0.892)	80934	21.7607	22
	46 1,1-Dichloropropene	75	5.137	5.131	(0.901)	69225	18.8249	19
	48 Benzene	78	5.362	5.362	(0.620)	213026	19.3425	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	158941	50.1387	50
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.956)	136406	18.4683	18
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	172494	34.4538	34
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	73926	20.2874	20
	51 n-Heptane	57	5.545	5.545	(0.972)	13221	16.5816	16
*	52 Fluorobenzene	96	5.703	5.709	(1.000)	586827	50.0000	
	53 n-Butanol	56	6.098	6.092	(1.069)	63138	1188.83	1200
	54 Trichloroethene	95	6.117	6.117	(1.073)	59003	21.5815	22
	56 Methyl cyclohexane	83	6.244	6.244	(1.095)	82454	18.6914	19
	55 Ethyl Acrylate	55	6.263	6.263	(1.098)	104627	17.2179	17
	57 1,2-Dichloropropane	63	6.433	6.427	(1.128)	47361	18.1054	18
	59 Methyl Methacrylate	100	6.524	6.518	(1.144)	12935	15.9567	16
	60 1,4-Dioxane	88	6.561	6.555	(1.150)	3630	129.711	130
	58 Dibromomethane	93	6.561	6.567	(1.150)	33698	21.5321	22
	75 Propyl Acetate	43	6.579	6.579	(1.154)	90786	31.8498	32
	68 Bromodichloromethane	83	6.713	6.719	(1.177)	72606	20.1679	20
	62 2-Chloroethyl Vinyl Ether	63	7.029	7.035	(1.233)	20700	14.5805	14
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	66698	341.374	340
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	78257	18.6652	19
	70 4-Methyl-2-Pentanone	43	7.309	7.315	(0.845)	27363	14.3238	14
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	484686	49.2144	49
	66 Toluene	91	7.431	7.437	(0.859)	232030	19.1706	19

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61540.d
Report Date: 20-Oct-2011 07:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.891)	68492	17.7483	18
	69 1,1,2-Trichloroethane	83	7.869	7.875	(0.909)	39297	19.0537	19
	71 Tetrachloroethene	166	7.899	7.899	(0.913)	63268	19.9415	20
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	76408	18.1672	18
	73 2-Hexanone	43	8.063	8.070	(0.932)	17457	13.4730	13
	76 Butyl Acetate	73	8.143	8.136	(0.941)	18968	29.1247	29
	74 Dibromochloromethane	129	8.185	8.191	(0.946)	57312	21.2846	21
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	47291	19.3219	19
*	78 Chlorobenzene-d5	117	8.654	8.654	(1.000)	428745	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.002)	162932	20.6891	21
	81 Ethylbenzene	106	8.733	8.733	(1.009)	82717	19.6025	20
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	57157	20.8301	21
	82 m+p-Xylene	106	8.824	8.830	(1.020)	211904	41.4172	41
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	27619	14.1014	14
	84 o-Xylene	106	9.140	9.146	(1.056)	104648	20.3416	20
	85 Styrene	104	9.165	9.165	(1.059)	186636	21.6672	22
	87 Amyl Acetate	43	9.280	9.280	(0.892)	30249	13.9518	14
	86 Bromoform	173	9.335	9.335	(1.079)	33175	19.7098	20
	88 Isopropylbenzene	105	9.414	9.414	(1.088)	248164	21.1435	21
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	189401	50.0597	50
	90 Camphene (total)	41	9.584	9.584	(1.108)	15735	18.2748	18
	91 Bromobenzene	156	9.682	9.682	(0.930)	71092	19.3216	19
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.700	(0.932)	53401	18.0811	18
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	295694	20.8250	21
	93 1,2,3-Trichloropropane	110	9.742	9.736	(0.936)	19832	20.2924	20
	94 trans-1,4-Dichloro-2-butene	53	9.742	9.742	(0.936)	10073	14.3575	14
	96 2-Chlorotoluene	91	9.809	9.809	(0.943)	180045	20.5651	20
	97 1,3,5-Trimethylbenzene	105	9.852	9.852	(0.947)	224067	21.8943	22
	99 Butyl Methacrylate	87	9.901	9.907	(0.951)	67896	16.7954	17
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	199728	21.5579	22
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	178638	20.2646	20
	101 1,2,4-Trimethylbenzene	105	10.120	10.126	(0.973)	235113	22.7254	23
	102 2-Octanone	43	10.199	10.199	(0.980)	48802	13.9862	14
	104 2-Octanol	45	10.223	10.223	(0.982)	10097	13.7779	14
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	280814	23.4600	23
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	230184	21.4365	21
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	141341	20.5420	20
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	247426	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	142642	19.7657	20
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	100083	16.1627	16
	173 Indan	117	10.576	10.576	(1.016)	734	0.07105	0.071(a)
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	193711	19.8400	20
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	132732	19.9482	20
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	9632	18.2684	18
	113 Camphor	95	11.787	11.787	(1.133)	17886	62.0142	62
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	70481	17.7849	18
	115 Hexachlorobutadiene	225	11.945	11.945	(1.148)	37136	19.3005	19

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61540.d
Report Date: 20-Oct-2011 07:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	137683	17.3412	17
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	57213	18.0070	18
M 120 1,2-Dichloroethene (Total)	100				115030	38.6707	39
M 121 Xylene (Total)	100				316553	61.7588	62

QC Flag Legend

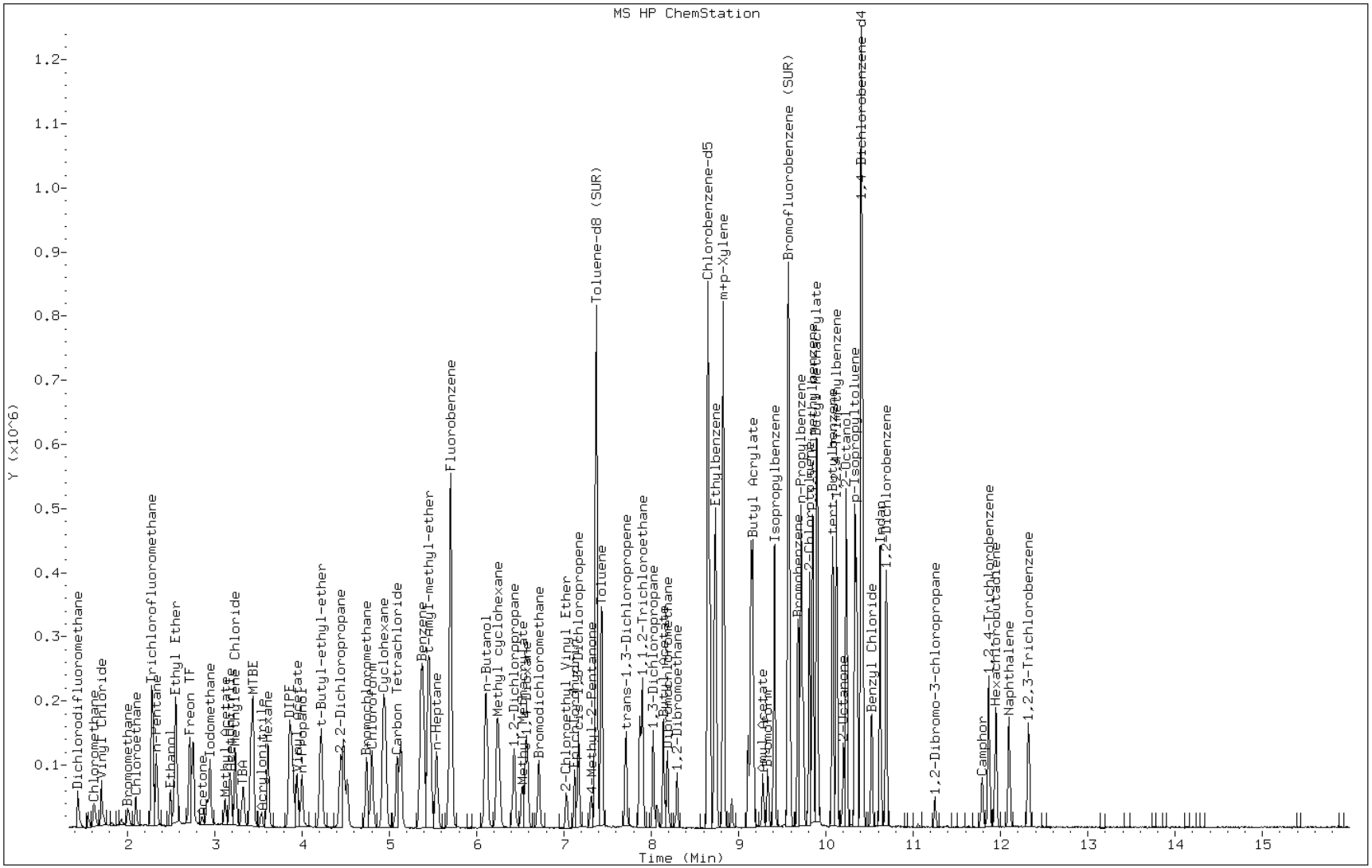
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61540.d

Date: 20-OCT-2011 07:33

Client ID: Instrument: VOAMS3.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-90279/3

Matrix: Water Lab File ID: c61572.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90279 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	16.5		1.0	0.21
74-83-9	Bromomethane	11.4		1.0	0.31
75-01-4	Vinyl chloride	18.3		1.0	0.13
75-00-3	Chloroethane	20.0		1.0	0.45
75-09-2	Methylene Chloride	17.6		1.0	0.19
67-64-1	Acetone	25.2		10	2.5
75-15-0	Carbon disulfide	18.6		1.0	0.15
75-35-4	1,1-Dichloroethene	17.3		1.0	0.14
75-34-3	1,1-Dichloroethane	17.8		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.20
67-66-3	Chloroform	19.4		1.0	0.15
107-06-2	1,2-Dichloroethane	21.2		1.0	0.24
78-93-3	2-Butanone	17.6		10	0.82
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.25
56-23-5	Carbon tetrachloride	21.2		1.0	0.19
75-27-4	Bromodichloromethane	19.9		1.0	0.093
78-87-5	1,2-Dichloropropane	17.6		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.8		1.0	0.11
79-01-6	Trichloroethene	20.3		1.0	0.18
124-48-1	Dibromochloromethane	20.1		1.0	0.11
79-00-5	1,1,2-Trichloroethane	18.3		1.0	0.10
71-43-2	Benzene	19.8		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.12
75-25-2	Bromoform	19.0		1.0	0.10
108-10-1	4-Methyl-2-pentanone	17.2		10	0.68
591-78-6	2-Hexanone	13.8		10	0.55
127-18-4	Tetrachloroethene	20.1		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	17.9		1.0	0.090
108-88-3	Toluene	19.7		1.0	0.090
108-90-7	Chlorobenzene	19.6		1.0	0.16
100-41-4	Ethylbenzene	19.9		1.0	0.25
100-42-5	Styrene	21.0		1.0	0.13
1330-20-7	Xylenes, Total	61.2		3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-90279/3

Matrix: Water Lab File ID: c61572.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90279 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-122
2037-26-5	Toluene-d8 (Surr)	103		69-125
460-00-4	Bromofluorobenzene	101		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61572.d
Report Date: 20-Oct-2011 22:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61572.d
Lab Smp Id: LCS
Inj Date : 20-OCT-2011 21:17
Operator : Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/8260_09.m
Meth Date : 20-Oct-2011 21:01 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 3 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	59205	19.7979	20
3 Chloromethane	50	1.621	1.621	(0.284)	45382	16.4890	16
4 Vinyl Chloride	62	1.706	1.706	(0.299)	58413	18.3132	18
6 Bromomethane	94	1.998	1.998	(0.350)	11420	11.4471	11
5 Chloroethane	64	2.095	2.095	(0.367)	39895	20.0280	20
7 Trichlorofluoromethane	101	2.290	2.284	(0.402)	104043	19.9732	20
176 Dichlorofluoromethane	67	2.564	2.284	(0.450)	78770	15.2183	15
9 Ethanol	46	2.503	2.503	(0.439)	25376	2842.81	2800
11 Ethyl Ether	59	2.546	2.546	(0.446)	46290	19.4139	19
10 Isoprene	67	2.564	2.558	(0.450)	78961	19.7636	20
14 Freon TF	101	2.716	2.716	(0.476)	57997	21.0259	21
13 Acrolein	56	2.728	2.728	(0.478)	11469	30.9954	31
15 1,1-Dichloroethene	96	2.759	2.752	(0.484)	47395	17.2857	17
16 Acetone	43	2.862	2.862	(0.502)	14874	25.1545	25
18 Carbon Disulfide	76	2.953	2.947	(0.518)	137371	18.6229	19
27 Methyl Acetate	43	3.124	3.123	(0.548)	45654	16.1725	16

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61572.d
Report Date: 20-Oct-2011 22:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	172 Cyclopentene	67	2.698	2.722	(0.473)	882	0.14842	0.15(a)
	21 Acetonitrile	39	3.184	3.184	(0.558)	18165	356.212	360
	22 Methylene Chloride	84	3.245	3.245	(0.569)	56668	17.5783	18
	24 TBA	59	3.318	3.330	(0.582)	83106	368.389	370
	28 MTBE	73	3.422	3.428	(0.600)	169189	19.3175	19
	25 trans-1,2-Dichloroethene	96	3.446	3.446	(0.604)	57286	18.7995	19
	26 Acrylonitrile	53	3.537	3.537	(0.620)	15370	17.1888	17
	29 Hexane	56	3.622	3.616	(0.635)	39023	18.2873	18
	32 DIPE	45	3.860	3.860	(0.677)	142645	17.4247	17
	30 1,1-Dichloroethane	63	3.896	3.890	(0.683)	90759	17.7884	18
	31 Vinyl Acetate	43	3.914	3.914	(0.686)	50954	20.4253	20
	34 n-Propanol	60	3.993	3.999	(0.700)	23958	2848.55	2800
	35 t-Butyl-ethyl-ether	59	4.213	4.218	(0.739)	165597	18.9738	19
	37 2,2-Dichloropropane	77	4.444	4.450	(0.779)	93719	20.4743	20
	36 cis-1,2-Dichloroethene	96	4.486	4.480	(0.787)	66475	19.4890	19
	38 2-Butanone	72	4.517	4.517	(0.792)	6134	17.5540	18
	39 Ethyl Acetate	70	4.511	4.523	(0.791)	10801	35.1823	35
	40 Bromochloromethane	128	4.742	4.742	(0.831)	31452	19.0058	19
	41 Tetrahydrofuran	42	4.742	4.754	(0.831)	11333	16.4950	16
	42 Chloroform	83	4.803	4.803	(0.842)	102441	19.4168	19
	44 Cyclohexane	56	4.936	4.936	(0.866)	84500	18.6896	19
	43 1,1,1-Trichloroethane	97	4.961	4.955	(0.870)	96871	19.5692	20
	45 Carbon Tetrachloride	117	5.095	5.095	(0.893)	85704	21.2351	21
	46 1,1-Dichloropropene	75	5.137	5.137	(0.901)	75974	19.0392	19
	48 Benzene	78	5.362	5.362	(0.620)	234160	19.7909	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	170153	49.4643	49
	50 t-Amyl-methyl-ether	73	5.447	5.447	(0.955)	161624	20.1657	20
	61 Isopropyl Acetate	43	5.454	5.453	(0.956)	197918	36.4302	36
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	83959	21.2330	21
	51 n-Heptane	57	5.545	5.545	(0.972)	16744	18.5927	18
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	636787	50.0000	
	53 n-Butanol	56	6.086	6.092	(1.067)	76245	1322.98	1300
	54 Trichloroethene	95	6.111	6.117	(1.071)	60248	20.3077	20
	56 Methyl cyclohexane	83	6.244	6.244	(1.095)	95293	19.9070	20
	55 Ethyl Acrylate	55	6.263	6.250	(1.098)	122564	18.5871	18
	57 1,2-Dichloropropane	63	6.427	6.433	(1.127)	49888	17.5750	18
	59 Methyl Methacrylate	100	6.518	6.524	(1.143)	16812	19.1119	19
	60 1,4-Dioxane	88	6.561	6.555	(1.150)	3912	128.814	130
	58 Dibromomethane	93	6.561	6.561	(1.150)	35207	20.7313	21
	75 Propyl Acetate	43	6.579	6.579	(1.154)	106637	34.4754	34
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	77797	19.9143	20
	62 2-Chloroethyl Vinyl Ether	63	7.029	7.029	(1.233)	26887	17.4519	17
	63 Epichlorohydrin	57	7.120	7.126	(0.823)	72535	345.572	340
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	89104	19.7823	20
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.846)	35342	17.2206	17
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	543275	51.3482	51
	66 Toluene	91	7.431	7.431	(0.859)	256680	19.7405	20

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61572.d
Report Date: 20-Oct-2011 22:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	64 trans-1,3-Dichloropropene	75	7.711	7.710	(0.892)	75783	18.2794	18
	69 1,1,2-Trichloroethane	83	7.875	7.869	(0.911)	40520	18.2875	18
	71 Tetrachloroethene	166	7.899	7.899	(0.913)	68370	20.0590	20
	72 1,3-Dichloropropane	76	8.021	8.027	(0.928)	80878	17.8999	18
	73 2-Hexanone	43	8.063	8.069	(0.932)	19238	13.8199	14
	76 Butyl Acetate	73	8.142	8.142	(0.942)	22219	31.7565	32
	74 Dibromochloromethane	129	8.185	8.185	(0.947)	58075	20.0762	20
	77 1,2-Dibromoethane	107	8.295	8.294	(0.959)	49696	18.9000	19
*	78 Chlorobenzene-d5	117	8.647	8.647	(1.000)	460601	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.003)	165637	19.5779	20
	81 Ethylbenzene	106	8.733	8.733	(1.010)	90063	19.8670	20
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	56914	19.3070	19
	82 m+p-Xylene	106	8.824	8.830	(1.020)	225423	41.0123	41
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	31605	15.0202	15
	84 o-Xylene	106	9.146	9.140	(1.058)	111468	20.1685	20
	85 Styrene	104	9.165	9.164	(1.060)	194581	21.0271	21
	87 Amyl Acetate	43	9.280	9.280	(0.892)	52375	23.0102	23
	86 Bromoform	173	9.335	9.335	(1.079)	34422	19.0360	19
	88 Isopropylbenzene	105	9.408	9.408	(1.088)	273941	21.7254	22
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	200749	50.5407	50
	90 Camphene (total)	41	9.584	9.584	(1.108)	22015	23.7996	24
	91 Bromobenzene	156	9.682	9.682	(0.930)	74623	19.3184	19
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	55480	17.8932	18
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	315912	21.1929	21
	93 1,2,3-Trichloropropane	110	9.736	9.742	(0.936)	20737	20.2108	20
	94 trans-1,4-Dichloro-2-butene	53	9.742	9.742	(0.936)	11452	15.5479	16
	96 2-Chlorotoluene	91	9.809	9.809	(0.943)	196161	21.3424	21
	97 1,3,5-Trimethylbenzene	105	9.846	9.852	(0.946)	242741	22.5933	22
	99 Butyl Methacrylate	87	9.907	9.907	(0.952)	73416	17.2989	17
	98 4-Chlorotoluene	91	9.895	9.894	(0.951)	204660	21.0418	21
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	195936	21.1720	21
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	253233	23.3151	23
	102 2-Octanone	43	10.199	10.199	(0.980)	63218	17.2575	17
	104 2-Octanol	45	10.223	10.223	(0.982)	9285	12.0681	12
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	290916	23.1504	23
	107 p-Isopropyltoluene	119	10.333	10.332	(0.993)	259068	22.9813	23
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	146889	20.3350	20
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	259755	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	149332	19.7106	20
	110 Benzyl Chloride	91	10.521	10.527	(1.011)	106898	16.4439	16
	173 Indan	117	10.582	10.576	(1.017)	1575	0.14508	0.14(a)
	106 n-Butylbenzene	91	10.618	10.618	(1.020)	210039	20.4913	20
	111 1,2-Dichlorobenzene	146	10.691	10.691	(1.027)	133564	19.1205	19
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	8793	15.8853	16
	113 Camphor	95	11.793	11.793	(1.133)	19804	65.4051	65
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	75832	18.2269	18
	115 Hexachlorobutadiene	225	11.945	11.945	(1.148)	38708	19.1622	19

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b/c61572.d
Report Date: 20-Oct-2011 22:07

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
116 Naphthalene	128	12.097	12.097	(1.163)	152687	18.3181	18
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	61507	18.4395	18
M 120 1,2-Dichloroethene (Total)	100				123761	38.2885	38
M 121 Xylene (Total)	100				336891	61.1808	61

QC Flag Legend

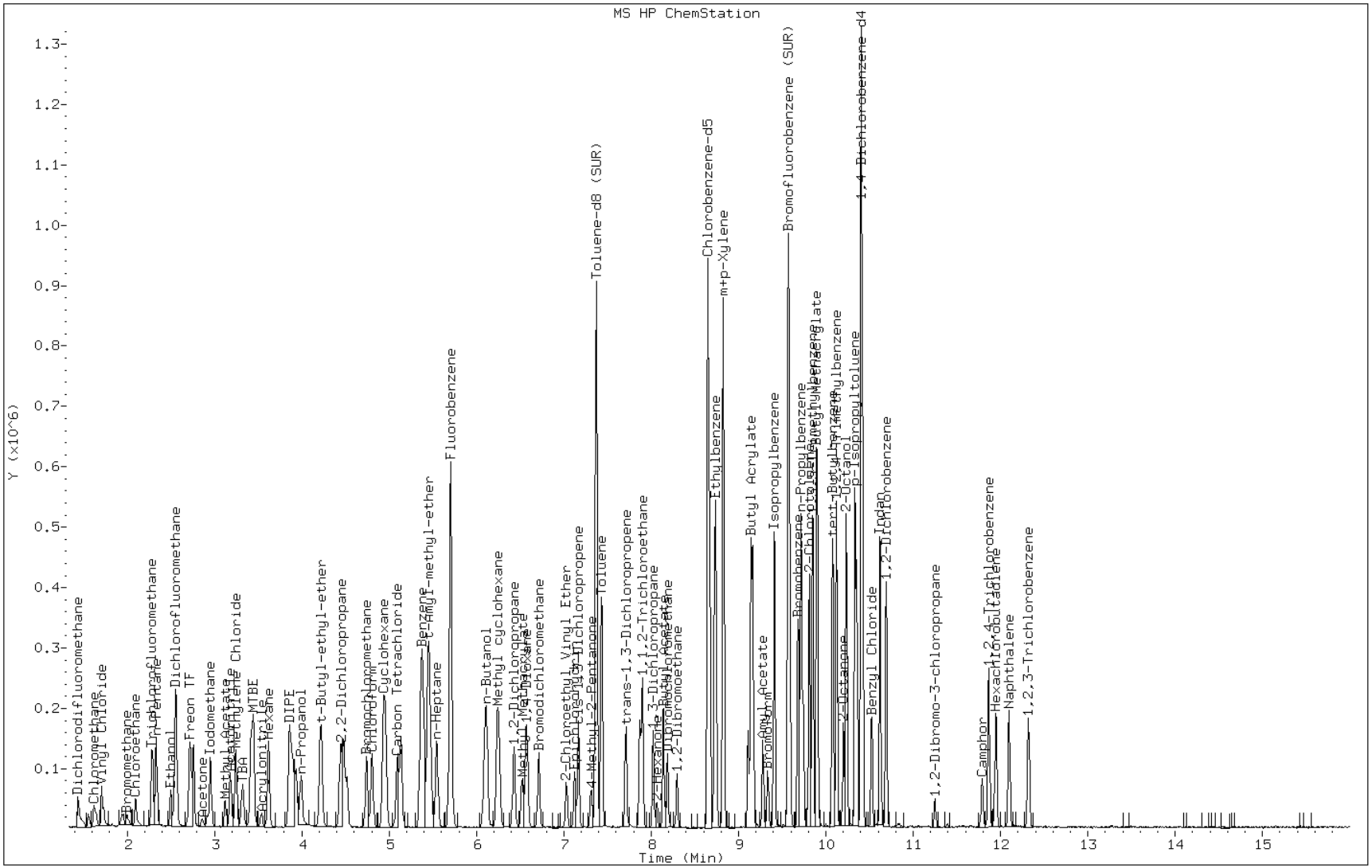
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c61572.d

Date: 20-OCT-2011 21:17

Client ID: Instrument: VOAMS3.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-34I MS | Lab Sample ID: 460-32413-3 MS

Matrix: Water | Lab File ID: c61524.d

Analysis Method: 8260B | Date Collected: 10/13/2011 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 10/19/2011 23:11

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 90116 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	174		10	2.1
74-83-9	Bromomethane	149		10	3.1
75-01-4	Vinyl chloride	194		10	1.3
75-00-3	Chloroethane	197		10	4.5
75-09-2	Methylene Chloride	181		10	1.9
67-64-1	Acetone	253		100	25
75-15-0	Carbon disulfide	185		10	1.5
75-35-4	1,1-Dichloroethene	196		10	1.4
75-34-3	1,1-Dichloroethane	183		10	1.0
156-60-5	trans-1,2-Dichloroethene	193		10	1.4
156-59-2	cis-1,2-Dichloroethene	270		10	2.0
67-66-3	Chloroform	203		10	1.5
107-06-2	1,2-Dichloroethane	209		10	2.4
78-93-3	2-Butanone	187		100	8.2
71-55-6	1,1,1-Trichloroethane	196		10	2.5
56-23-5	Carbon tetrachloride	213		10	1.9
75-27-4	Bromodichloromethane	197		10	0.93
78-87-5	1,2-Dichloropropane	178		10	0.90
10061-01-5	cis-1,3-Dichloropropene	193		10	1.1
79-01-6	Trichloroethene	1930		10	1.8
124-48-1	Dibromochloromethane	202		10	1.1
79-00-5	1,1,2-Trichloroethane	194		10	1.0
71-43-2	Benzene	195		10	1.3
10061-02-6	trans-1,3-Dichloropropene	193		10	1.2
75-25-2	Bromoform	186		10	1.0
108-10-1	4-Methyl-2-pentanone	158		100	6.8
591-78-6	2-Hexanone	137		100	5.5
127-18-4	Tetrachloroethene	206		10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	182		10	0.90
108-88-3	Toluene	202		10	0.90
108-90-7	Chlorobenzene	205		10	1.6
100-41-4	Ethylbenzene	196		10	2.5
100-42-5	Styrene	208		10	1.3
1330-20-7	Xylenes, Total	607		30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-34I MS Lab Sample ID: 460-32413-3 MS

Matrix: Water Lab File ID: c61524.d

Analysis Method: 8260B Date Collected: 10/13/2011 15:05

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2011 23:11

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-122
2037-26-5	Toluene-d8 (Surr)	104		69-125
460-00-4	Bromofluorobenzene	97		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61524.d
Report Date: 21-Oct-2011 10:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61524.d
Lab Smp Id: 460-32413-A-3 MS Client Smp ID: MW-34I
Inj Date : 19-OCT-2011 23:11
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-3 MS;10
Misc Info : 460-32413-A-3 MS
Comment   :
Method   : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 11 QC Sample: MS
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.439	1.439	(0.252)	53530	20.3495	200
3 Chloromethane	50	1.621	1.621	(0.284)	42062	17.3739	170
4 Vinyl Chloride	62	1.706	1.712	(0.299)	54383	19.3826	190
6 Bromomethane	94	1.998	2.010	(0.350)	13080	14.9050	150
5 Chloroethane	64	2.102	2.102	(0.368)	34512	19.6963	200
7 Trichlorofluoromethane	101	2.284	2.290	(0.400)	93477	20.4002	200
176 Dichlorofluoromethane	67	2.564	2.284	(0.450)	69179	15.1941	150
9 Ethanol	46	2.497	2.497	(0.438)	17604	2241.98	22000
11 Ethyl Ether	59	2.546	2.546	(0.446)	38478	18.3457	180
10 Isoprene	67	2.564	2.564	(0.450)	69179	19.6845	200
14 Freon TF	101	2.722	2.722	(0.477)	53139	21.9007	220
13 Acrolein	56	2.734	2.728	(0.479)	10373	31.8693	320
15 1,1-Dichloroethene	96	2.759	2.765	(0.484)	47347	19.6310	200
16 Acetone	43	2.862	2.868	(0.502)	13184	25.3472	250
18 Carbon Disulfide	76	2.959	2.959	(0.519)	120284	18.5378	180
27 Methyl Acetate	43	3.124	3.124	(0.548)	38464	15.4899	150

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61524.d
Report Date: 21-Oct-2011 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	172 Cyclopentene	67	2.734	2.740	(0.479)	684	0.13085	1.3(a)
	21 Acetonitrile	39	3.185	3.191	(0.558)	14718	328.109	3300
	22 Methylene Chloride	84	3.245	3.245	(0.569)	51407	18.1283	180
	24 TBA	59	3.324	3.324	(0.583)	57462	289.568	2900
	28 MTBE	73	3.422	3.428	(0.600)	146408	19.0038	190
	25 trans-1,2-Dichloroethene	96	3.452	3.452	(0.605)	51602	19.2513	190
	26 Acrylonitrile	53	3.537	3.537	(0.620)	13040	16.5785	160
	29 Hexane	56	3.616	3.623	(0.634)	32798	17.4732	170
	32 DIPE	45	3.860	3.866	(0.677)	120392	16.7187	170
	30 1,1-Dichloroethane	63	3.896	3.896	(0.683)	82329	18.3440	180
	31 Vinyl Acetate	43	3.921	3.921	(0.687)	40658	18.5282	180
	34 n-Propanol	60	3.988	3.994	(0.699)	15932	2153.47	22000
	35 t-Butyl-ethyl-ether	59	4.219	4.225	(0.740)	137629	17.9270	180
	37 2,2-Dichloropropane	77	4.450	4.450	(0.780)	77835	19.3309	190
	36 cis-1,2-Dichloroethene	96	4.480	4.486	(0.786)	81142	27.0441	270(R)
	38 2-Butanone	72	4.523	4.517	(0.793)	5746	18.6937	190
	39 Ethyl Acetate	70	4.523	4.517	(0.793)	9232	34.1863	340
	40 Bromochloromethane	128	4.742	4.742	(0.831)	29472	20.2462	200
	41 Tetrahydrofuran	42	4.754	4.748	(0.834)	8937	14.7875	150
	42 Chloroform	83	4.803	4.803	(0.842)	94343	20.3287	200
	44 Cyclohexane	56	4.937	4.937	(0.866)	72153	18.1423	180
	43 1,1,1-Trichloroethane	97	4.961	4.961	(0.870)	85392	19.6107	200
	45 Carbon Tetrachloride	117	5.095	5.089	(0.893)	75725	21.3299	210
	46 1,1-Dichloropropene	75	5.137	5.137	(0.901)	65061	18.5353	180
	48 Benzene	78	5.369	5.369	(0.621)	203950	19.4616	190
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.387	(0.946)	152500	50.3986	50
	50 t-Amyl-methyl-ether	73	5.448	5.454	(0.955)	135485	19.2174	190
	61 Isopropyl Acetate	43	5.448	5.454	(0.955)	164433	34.4082	340
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	72670	20.8928	210
	51 n-Heptane	57	5.551	5.539	(0.973)	12513	16.1542	160
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	560142	50.0000	
	53 n-Butanol	56	6.092	6.093	(1.068)	51506	1016.01	10000
	54 Trichloroethene	95	6.117	6.117	(1.073)	502907	192.709	1900(R)
	56 Methyl cyclohexane	83	6.245	6.245	(1.095)	82864	19.6791	200
	55 Ethyl Acrylate	55	6.263	6.269	(1.098)	100896	17.3948	170
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	44349	17.7614	180
	59 Methyl Methacrylate	100	6.530	6.518	(1.145)	12974	16.7670	170
	60 1,4-Dioxane	88	6.555	6.555	(1.149)	2715	101.632	1000
	58 Dibromomethane	93	6.567	6.561	(1.151)	31712	21.2284	210
	75 Propyl Acetate	43	6.585	6.585	(1.155)	86383	31.7486	320
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	67839	19.7414	200
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	57854	311.191	3100
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	76824	19.2565	190
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.846)	28648	15.7599	160
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	486331	51.8968	52
	66 Toluene	91	7.437	7.431	(0.860)	233018	20.2329	200
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.892)	70873	19.3007	190

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61524.d
Report Date: 21-Oct-2011 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	7.875	7.875	(0.911)	38054	19.3904	190
	71 Tetrachloroethene	166	7.899	7.905	(0.913)	62227	20.6123	210
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	75414	18.8441	190
	73 2-Hexanone	43	8.070	8.064	(0.933)	16867	13.6800	140
	76 Butyl Acetate	73	8.143	8.143	(0.942)	18103	29.2120	290
	74 Dibromochloromethane	129	8.185	8.191	(0.947)	51771	20.2061	200
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	47721	20.4905	200
*	78 Chlorobenzene-d5	117	8.648	8.648	(1.000)	407964	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.003)	153954	20.5449	200
	81 Ethylbenzene	106	8.733	8.733	(1.010)	78750	19.6128	200
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	52418	20.0761	200
	82 m+p-Xylene	106	8.830	8.830	(1.021)	199416	40.9618	410
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	23919	12.8341	130
	84 o-Xylene	106	9.140	9.146	(1.057)	96802	19.7748	200
	85 Styrene	104	9.165	9.165	(1.060)	170187	20.7639	210
	87 Amyl Acetate	43	9.280	9.280	(0.892)	41632	20.3695	200
	86 Bromoform	173	9.335	9.335	(1.079)	29761	18.5819	180
	88 Isopropylbenzene	105	9.414	9.414	(1.089)	234437	20.9914	210
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	172738	48.4319	48
	90 Camphene (total)	41	9.584	9.584	(1.108)	13082	15.9672	160
	91 Bromobenzene	156	9.682	9.682	(0.930)	65899	18.9991	190
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	50637	18.1876	180
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	279523	20.8832	210
	93 1,2,3-Trichloropropane	110	9.743	9.737	(0.936)	17947	19.4798	190
	94 trans-1,4-Dichloro-2-butene	53	9.743	9.749	(0.936)	13941	21.0785	210
	96 2-Chlorotoluene	91	9.810	9.810	(0.943)	170709	20.6844	210
	97 1,3,5-Trimethylbenzene	105	9.852	9.846	(0.947)	212572	22.0342	220
	99 Butyl Methacrylate	87	9.907	9.901	(0.952)	63650	16.7025	170
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	189549	21.7034	220
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	172408	20.7472	210
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	211338	21.6695	220
	102 2-Octanone	43	10.199	10.199	(0.980)	42276	12.8525	130
	104 2-Octanol	45	10.223	10.223	(0.982)	7195	10.4146	100
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	264191	23.4134	230
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	220407	21.7741	220
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	131774	20.3161	200
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	233243	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	134133	19.7168	200
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	85815	14.7012	150
	173 Indan	117	10.619	10.576	(1.020)	6036	0.61920	6.2(a)
	106 n-Butylbenzene	91	10.619	10.619	(1.020)	178931	19.4406	190
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	119900	19.1154	190
	112 1,2-Dibromo-3-chloropropane	75	11.245	11.251	(1.081)	7857	15.8078	160
	113 Camphor	95	11.787	11.787	(1.133)	15009	55.2034	550
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	66112	17.6968	180
	115 Hexachlorobutadiene	225	11.945	11.945	(1.148)	32463	17.8973	180
	116 Naphthalene	128	12.097	12.097	(1.163)	123183	16.4583	160

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61524.d
Report Date: 21-Oct-2011 10:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	47315	15.7972	160
M 120 1,2-Dichloroethene (Total)	100				132744	46.2954	460
M 121 Xylene (Total)	100				296218	60.7366	610

QC Flag Legend

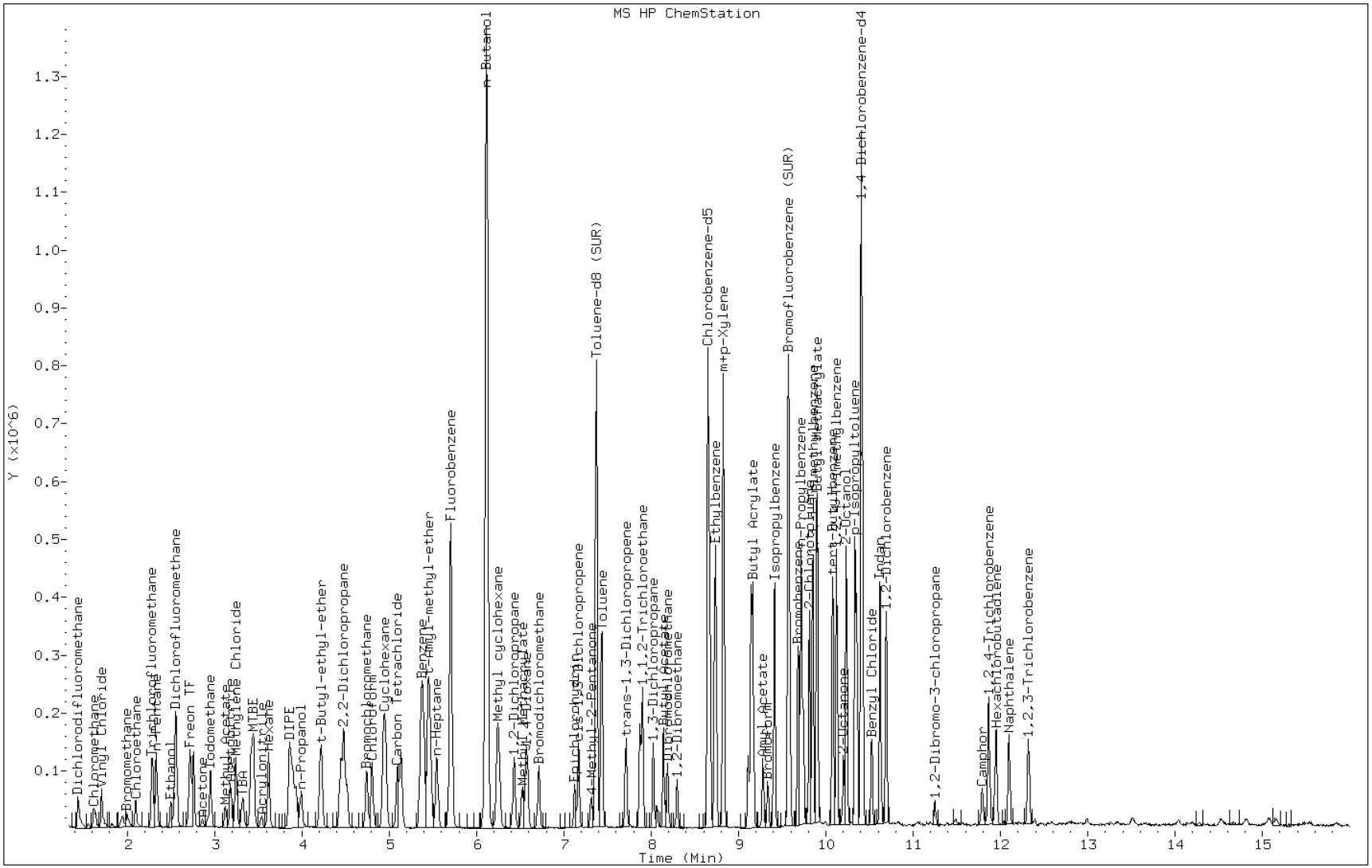
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: c61524.d

Date: 19-OCT-2011 23:11

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-32413-A-3 MS;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-35I MS | Lab Sample ID: 460-32413-4 MS

Matrix: Water | Lab File ID: c61547.d

Analysis Method: 8260B | Date Collected: 10/13/2011 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2011 10:28

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 90161 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	188		10	2.1
74-83-9	Bromomethane	131		10	3.1
75-01-4	Vinyl chloride	205		10	1.3
75-00-3	Chloroethane	237		10	4.5
75-09-2	Methylene Chloride	181		10	1.9
67-64-1	Acetone	253		100	25
75-15-0	Carbon disulfide	197		10	1.5
75-35-4	1,1-Dichloroethene	185		10	1.4
75-34-3	1,1-Dichloroethane	190		10	1.0
156-60-5	trans-1,2-Dichloroethene	189		10	1.4
156-59-2	cis-1,2-Dichloroethene	203		10	2.0
67-66-3	Chloroform	209		10	1.5
107-06-2	1,2-Dichloroethane	211		10	2.4
78-93-3	2-Butanone	159		100	8.2
71-55-6	1,1,1-Trichloroethane	207		10	2.5
56-23-5	Carbon tetrachloride	224		10	1.9
75-27-4	Bromodichloromethane	203		10	0.93
78-87-5	1,2-Dichloropropane	192		10	0.90
10061-01-5	cis-1,3-Dichloropropene	188		10	1.1
79-01-6	Trichloroethene	2500		10	1.8
124-48-1	Dibromochloromethane	204		10	1.1
79-00-5	1,1,2-Trichloroethane	193		10	1.0
71-43-2	Benzene	209		10	1.3
10061-02-6	trans-1,3-Dichloropropene	184		10	1.2
75-25-2	Bromoform	202		10	1.0
108-10-1	4-Methyl-2-pentanone	152		100	6.8
591-78-6	2-Hexanone	151		100	5.5
127-18-4	Tetrachloroethene	210		10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	188		10	0.90
108-88-3	Toluene	201		10	0.90
108-90-7	Chlorobenzene	210		10	1.6
100-41-4	Ethylbenzene	206		10	2.5
100-42-5	Styrene	221		10	1.3
1330-20-7	Xylenes, Total	635		30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-35I MS Lab Sample ID: 460-32413-4 MS

Matrix: Water Lab File ID: c61547.d

Analysis Method: 8260B Date Collected: 10/13/2011 14:10

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 10:28

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90161 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-122
2037-26-5	Toluene-d8 (Surr)	99		69-125
460-00-4	Bromofluorobenzene	100		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61547.d
Report Date: 20-Oct-2011 12:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61547.d
Lab Smp Id: 460-32413-A-4 MS
Inj Date : 20-OCT-2011 10:28
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-4 MS;10
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/8260_09.m
Meth Date : 20-Oct-2011 07:49 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 9 QC Sample: MS
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	65102	21.2684	210
3 Chloromethane	50	1.621	1.627	(0.284)	52898	18.7772	190
4 Vinyl Chloride	62	1.706	1.706	(0.299)	66857	20.4777	200
6 Bromomethane	94	2.010	2.016	(0.352)	13346	13.0695	130
5 Chloroethane	64	2.102	2.102	(0.368)	48310	23.6939	240
7 Trichlorofluoromethane	101	2.290	2.290	(0.402)	114175	21.4134	210
176 Dichlorofluoromethane	67	2.558	2.284	(0.448)	82599	15.5905	160
9 Ethanol	46	2.503	2.497	(0.439)	17063	1867.50	19000
11 Ethyl Ether	59	2.546	2.546	(0.446)	45285	18.5550	180
10 Isoprene	67	2.558	2.564	(0.448)	84110	20.5675	200
14 Freon TF	101	2.716	2.722	(0.476)	60491	21.4249	210
13 Acrolein	56	2.728	2.734	(0.478)	13019	34.3739	340
15 1,1-Dichloroethene	96	2.759	2.759	(0.484)	52012	18.5327	180
16 Acetone	43	2.862	2.862	(0.502)	15333	25.3335	250
18 Carbon Disulfide	76	2.953	2.959	(0.518)	148490	19.6667	200
27 Methyl Acetate	43	3.124	3.124	(0.548)	48505	16.7867	170

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61547.d
Report Date: 20-Oct-2011 12:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	172 Cyclopentene	67	2.734	2.716	(0.479)	575	0.09453	0.94(a)
	21 Acetonitrile	39	3.184	3.178	(0.558)	18534	355.076	3600
	22 Methylene Chloride	84	3.239	3.245	(0.568)	59576	18.0547	180
	24 TBA	59	3.330	3.324	(0.584)	77435	335.345	3400
	28 MTBE	73	3.428	3.422	(0.601)	173853	19.3929	190
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	58909	18.8868	190
	26 Acrylonitrile	53	3.537	3.543	(0.620)	18686	20.4158	200
	29 Hexane	56	3.616	3.622	(0.634)	42040	19.2474	190
	32 DIPE	45	3.866	3.860	(0.678)	149939	17.8938	180
	30 1,1-Dichloroethane	63	3.890	3.896	(0.682)	99105	18.9767	190
	31 Vinyl Acetate	43	3.921	3.921	(0.687)	50547	19.7954	200
	34 n-Propanol	60	4.006	3.994	(0.702)	19040	2211.67	22000
	35 t-Butyl-ethyl-ether	59	4.225	4.219	(0.741)	173313	19.4005	190
	37 2,2-Dichloropropane	77	4.444	4.450	(0.779)	93097	19.8699	200
	36 cis-1,2-Dichloroethene	96	4.486	4.480	(0.787)	71001	20.3365	200
	38 2-Butanone	72	4.517	4.517	(0.792)	5673	15.8608	160
	39 Ethyl Acetate	70	4.529	4.529	(0.794)	11736	37.3474	370
	40 Bromochloromethane	128	4.742	4.742	(0.831)	33540	19.8007	200
	41 Tetrahydrofuran	42	4.748	4.754	(0.833)	12470	17.7318	180
	42 Chloroform	83	4.803	4.803	(0.842)	113021	20.9288	210
	44 Cyclohexane	56	4.930	4.936	(0.865)	92713	20.0338	200
	43 1,1,1-Trichloroethane	97	4.967	4.955	(0.871)	104669	20.6575	210
	45 Carbon Tetrachloride	117	5.095	5.095	(0.893)	92529	22.3981	220
	46 1,1-Dichloropropene	75	5.137	5.131	(0.901)	82746	20.2586	200
	48 Benzene	78	5.362	5.362	(0.620)	250795	20.9435	210
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	178910	50.8121	51
	50 t-Amyl-methyl-ether	73	5.447	5.454	(0.955)	165009	20.1138	200
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	197041	35.4334	350
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	85411	21.1027	210
	51 n-Heptane	57	5.539	5.545	(0.971)	17168	18.8729	190
*	52 Fluorobenzene	96	5.703	5.709	(1.000)	651800	50.0000	
	53 n-Butanol	56	6.098	6.092	(1.069)	65786	1115.21	11000
	54 Trichloroethene	95	6.117	6.117	(1.073)	758621	249.818	2500(R)
	56 Methyl cyclohexane	83	6.244	6.244	(1.095)	102807	20.9820	210
	55 Ethyl Acrylate	55	6.269	6.263	(1.099)	131024	19.4124	190
	57 1,2-Dichloropropane	63	6.433	6.427	(1.128)	55645	19.1516	190
	59 Methyl Methacrylate	100	6.524	6.518	(1.144)	16215	18.0087	180
	60 1,4-Dioxane	88	6.567	6.555	(1.151)	3388	108.990	1100
	58 Dibromomethane	93	6.567	6.567	(1.151)	36794	21.1667	210
	75 Propyl Acetate	43	6.585	6.579	(1.155)	104838	33.1131	330
	68 Bromodichloromethane	83	6.713	6.719	(1.177)	81046	20.2681	200
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	67235	316.494	3200
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.828)	85919	18.8472	190
	70 4-Methyl-2-Pentanone	43	7.315	7.315	(0.845)	31525	15.1772	150
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	527952	49.3036	49
	66 Toluene	91	7.437	7.437	(0.859)	264895	20.1288	200
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.891)	77200	18.3986	180

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61547.d
Report Date: 20-Oct-2011 12:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	7.875	7.875	(0.910)	43370	19.3398	190
	71 Tetrachloroethene	166	7.899	7.899	(0.913)	72498	21.0159	210
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	83617	18.2849	180
	73 2-Hexanone	43	8.070	8.070	(0.932)	21270	15.0970	150
	76 Butyl Acetate	73	8.143	8.136	(0.941)	22558	31.8557	320
	74 Dibromochloromethane	129	8.191	8.191	(0.947)	59773	20.4162	200
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	54533	20.4918	200
*	78 Chlorobenzene-d5	117	8.654	8.654	(1.000)	466172	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.002)	179828	21.0012	210
	81 Ethylbenzene	106	8.733	8.733	(1.009)	94340	20.5618	200
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	63958	21.4373	210
	82 m+p-Xylene	106	8.830	8.830	(1.020)	237398	42.6748	430
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	33817	15.8794	160
	84 o-Xylene	106	9.146	9.146	(1.057)	116505	20.8280	210
	85 Styrene	104	9.165	9.165	(1.059)	207038	22.1059	220
	87 Amyl Acetate	43	9.280	9.280	(0.892)	56686	24.1174	240
	86 Bromoform	173	9.335	9.335	(1.079)	36898	20.1614	200
	88 Isopropylbenzene	105	9.414	9.414	(1.088)	289248	22.6652	230
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	204842	49.9419	50
	90 Camphene (total)	41	9.584	9.584	(1.108)	17323	18.5035	180
	91 Bromobenzene	156	9.682	9.682	(0.930)	79438	19.9153	200
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.700	(0.932)	60210	18.8052	190
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	341328	22.1745	220
	93 1,2,3-Trichloropropane	110	9.742	9.736	(0.936)	20802	19.6336	200
	94 trans-1,4-Dichloro-2-butene	53	9.742	9.742	(0.936)	14177	18.6394	190
	96 2-Chlorotoluene	91	9.809	9.809	(0.943)	209396	22.0627	220
	97 1,3,5-Trimethylbenzene	105	9.852	9.852	(0.947)	258706	23.3185	230
	99 Butyl Methacrylate	87	9.907	9.907	(0.952)	81917	18.6921	190
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	219857	21.8902	220
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	219454	22.9640	230
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	263294	23.4755	230
	102 2-Octanone	43	10.199	10.199	(0.980)	60648	16.0329	160
	104 2-Octanol	45	10.223	10.223	(0.982)	10888	13.7045	140
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	310686	23.9426	240
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	272302	23.3921	230
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	152021	20.3806	200
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	268229	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	155195	19.8373	200
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	110421	16.4492	160
	173 Indan	117	10.576	10.576	(1.016)	2876	0.25655	2.6(a)
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	225803	21.3333	210
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	144170	19.9868	200
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	11210	19.6120	200
	113 Camphor	95	11.787	11.787	(1.133)	28353	90.6809	910
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	88005	20.4845	200
	115 Hexachlorobutadiene	225	11.945	11.945	(1.148)	40501	19.4164	190
	116 Naphthalene	128	12.097	12.097	(1.163)	178120	20.6942	210

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61547.d
Report Date: 20-Oct-2011 12:07

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	68008	19.7444	200
M 120 1,2-Dichloroethene (Total)	100				129910	39.2233	390
M 121 Xylene (Total)	100				353903	63.5028	640

QC Flag Legend

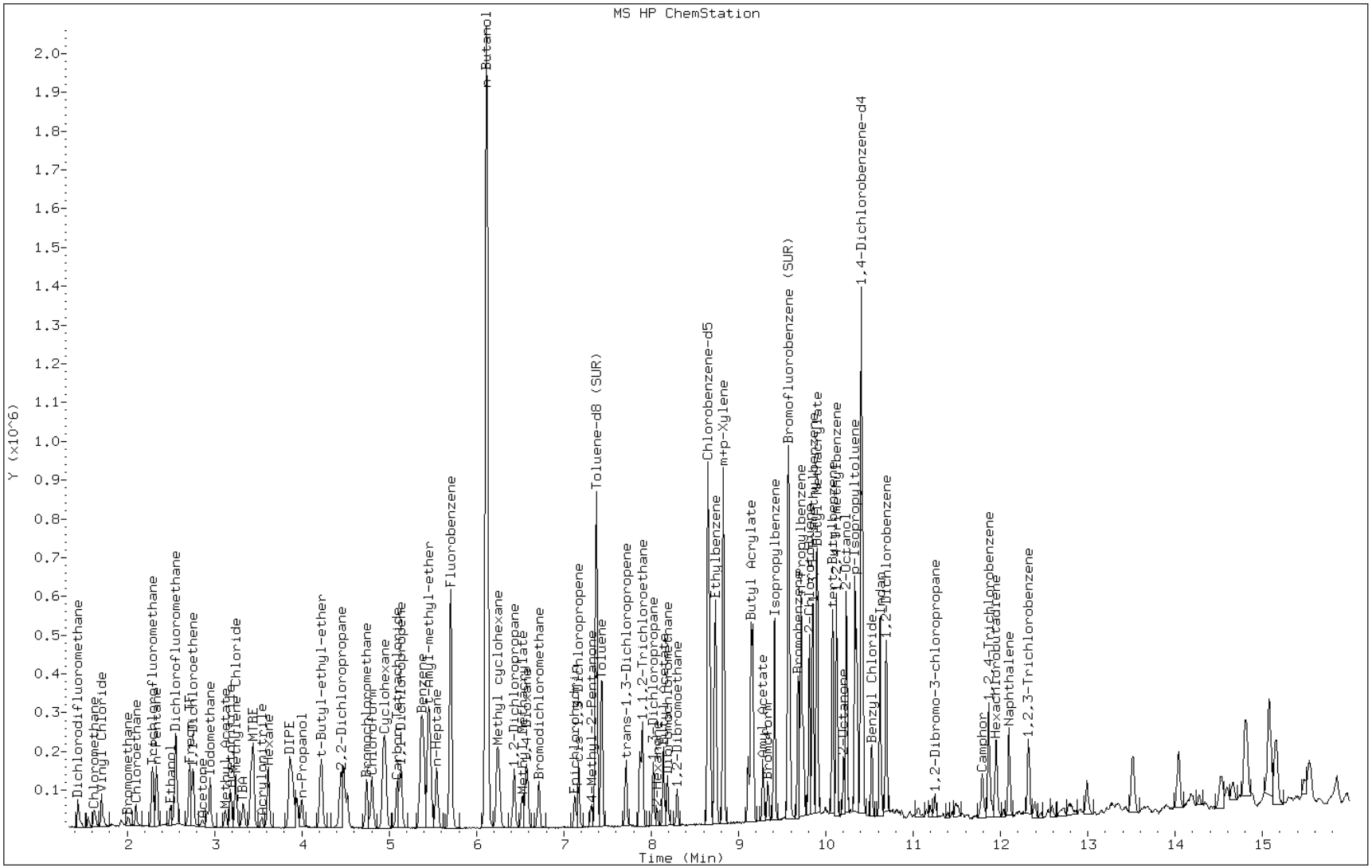
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: c61547.d

Date: 20-OCT-2011 10:28

Client ID: Instrument: VOAMS3.i

Sample Info: 460-32413-A-4 MS;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-34I MSD | Lab Sample ID: 460-32413-3 MSD

Matrix: Water | Lab File ID: c61525.d

Analysis Method: 8260B | Date Collected: 10/13/2011 15:05

Sample wt/vol: 5(mL) | Date Analyzed: 10/19/2011 23:35

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 90116 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	185		10	2.1
74-83-9	Bromomethane	173		10	3.1
75-01-4	Vinyl chloride	198		10	1.3
75-00-3	Chloroethane	186		10	4.5
75-09-2	Methylene Chloride	184		10	1.9
67-64-1	Acetone	241		100	25
75-15-0	Carbon disulfide	180		10	1.5
75-35-4	1,1-Dichloroethene	192		10	1.4
75-34-3	1,1-Dichloroethane	184		10	1.0
156-60-5	trans-1,2-Dichloroethene	198		10	1.4
156-59-2	cis-1,2-Dichloroethene	260		10	2.0
67-66-3	Chloroform	209		10	1.5
107-06-2	1,2-Dichloroethane	209		10	2.4
78-93-3	2-Butanone	170		100	8.2
71-55-6	1,1,1-Trichloroethane	205		10	2.5
56-23-5	Carbon tetrachloride	224		10	1.9
75-27-4	Bromodichloromethane	197		10	0.93
78-87-5	1,2-Dichloropropane	179		10	0.90
10061-01-5	cis-1,3-Dichloropropene	174		10	1.1
79-01-6	Trichloroethene	1900		10	1.8
124-48-1	Dibromochloromethane	196		10	1.1
79-00-5	1,1,2-Trichloroethane	178		10	1.0
71-43-2	Benzene	191		10	1.3
10061-02-6	trans-1,3-Dichloropropene	172		10	1.2
75-25-2	Bromoform	188		10	1.0
108-10-1	4-Methyl-2-pentanone	132		100	6.8
591-78-6	2-Hexanone	120		100	5.5
127-18-4	Tetrachloroethene	203		10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	173		10	0.90
108-88-3	Toluene	194		10	0.90
108-90-7	Chlorobenzene	203		10	1.6
100-41-4	Ethylbenzene	197		10	2.5
100-42-5	Styrene	217		10	1.3
1330-20-7	Xylenes, Total	631		30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-34I MSD Lab Sample ID: 460-32413-3 MSD

Matrix: Water Lab File ID: c61525.d

Analysis Method: 8260B Date Collected: 10/13/2011 15:05

Sample wt/vol: 5(mL) Date Analyzed: 10/19/2011 23:35

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90116 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-122
2037-26-5	Toluene-d8 (Surr)	99		69-125
460-00-4	Bromofluorobenzene	100		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61525.d
Report Date: 21-Oct-2011 10:10

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61525.d
Lab Smp Id: 460-32413-A-3 MSD Client Smp ID: MW-34I
Inj Date : 19-OCT-2011 23:35
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-3 MSD;10
Misc Info : 460-32413-A-3 MSD
Comment   :
Method   : /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/8260_09.m
Meth Date : 19-Oct-2011 19:46 eddie Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 12 QC Sample: MSD
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.439	1.439	(0.252)	56184	21.0890	210
3 Chloromethane	50	1.621	1.621	(0.284)	45467	18.5434	180
4 Vinyl Chloride	62	1.706	1.712	(0.299)	56122	19.7501	200
6 Bromomethane	94	1.998	2.010	(0.350)	15410	17.3386	170
5 Chloroethane	64	2.102	2.102	(0.368)	33048	18.6229	190
7 Trichlorofluoromethane	101	2.290	2.290	(0.402)	96781	20.8548	210
176 Dichlorofluoromethane	67	2.558	2.284	(0.448)	70665	15.3247	150
9 Ethanol	46	2.497	2.497	(0.438)	18904	2377.17	24000
11 Ethyl Ether	59	2.546	2.546	(0.446)	37029	17.4321	170
10 Isoprene	67	2.558	2.564	(0.448)	70449	19.7929	200
14 Freon TF	101	2.716	2.722	(0.476)	52980	21.5597	220
13 Acrolein	56	2.734	2.728	(0.479)	10693	32.4380	320
15 1,1-Dichloroethene	96	2.759	2.765	(0.484)	46901	19.2008	190
16 Acetone	43	2.868	2.868	(0.503)	12717	24.1409	240
18 Carbon Disulfide	76	2.953	2.959	(0.518)	117989	17.9547	180
27 Methyl Acetate	43	3.124	3.124	(0.548)	36166	14.3808	140

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61525.d
Report Date: 21-Oct-2011 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	172 Cyclopentene	67	2.716	2.740	(0.476)	718	0.13562	1.4(a)
	21 Acetonitrile	39	3.184	3.191	(0.558)	13644	300.329	3000
	22 Methylene Chloride	84	3.239	3.245	(0.568)	52769	18.3739	180
	24 TBA	59	3.331	3.324	(0.584)	66096	328.876	3300
	28 MTBE	73	3.422	3.428	(0.600)	143209	18.3541	180
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	53807	19.8207	200
	26 Acrylonitrile	53	3.537	3.537	(0.620)	14495	18.1958	180
	29 Hexane	56	3.616	3.623	(0.634)	35610	18.7319	190
	32 DIPE	45	3.866	3.866	(0.678)	126306	17.3187	170
	30 1,1-Dichloroethane	63	3.896	3.896	(0.683)	83574	18.3865	180
	31 Vinyl Acetate	43	3.921	3.921	(0.687)	41036	18.4645	180
	34 n-Propanol	60	4.006	3.994	(0.702)	20093	2681.64	27000
	35 t-Butyl-ethyl-ether	59	4.219	4.225	(0.740)	140007	18.0067	180
	37 2,2-Dichloropropane	77	4.444	4.450	(0.779)	81384	19.9573	200
	36 cis-1,2-Dichloroethene	96	4.480	4.486	(0.786)	78954	25.9829	260(R)
	38 2-Butanone	72	4.517	4.517	(0.792)	5290	16.9931	170
	39 Ethyl Acetate	70	4.523	4.517	(0.793)	9474	34.6399	350
	40 Bromochloromethane	128	4.742	4.742	(0.831)	29036	19.6950	200
	41 Tetrahydrofuran	42	4.748	4.748	(0.833)	8993	14.6924	150
	42 Chloroform	83	4.803	4.803	(0.842)	98156	20.8835	210
	44 Cyclohexane	56	4.930	4.937	(0.865)	74548	18.5080	180
	43 1,1,1-Trichloroethane	97	4.961	4.961	(0.870)	90385	20.4955	200
	45 Carbon Tetrachloride	117	5.095	5.089	(0.893)	80542	22.4005	220
	46 1,1-Dichloropropene	75	5.137	5.137	(0.901)	66789	18.7876	190
	48 Benzene	78	5.362	5.369	(0.620)	205648	19.1000	190
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.387	(0.946)	153607	50.1240	50
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.956)	136853	19.1666	190
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	163947	33.8737	340
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	73741	20.9332	210
	51 n-Heptane	57	5.545	5.539	(0.972)	13319	17.1822	170
*	52 Fluorobenzene	96	5.703	5.703	(1.000)	567299	50.0000	
	53 n-Butanol	56	6.099	6.093	(1.069)	58017	1130.00	11000
	54 Trichloroethene	95	6.117	6.117	(1.073)	501567	189.771	1900(R)
	56 Methyl cyclohexane	83	6.245	6.245	(1.095)	83959	19.6876	200
	55 Ethyl Acrylate	55	6.257	6.269	(1.097)	101480	17.2748	170
	57 1,2-Dichloropropane	63	6.433	6.433	(1.128)	45381	17.9455	180
	59 Methyl Methacrylate	100	6.524	6.518	(1.144)	13570	17.3160	170
	60 1,4-Dioxane	88	6.567	6.555	(1.151)	2888	106.744	1100
	58 Dibromomethane	93	6.567	6.561	(1.151)	31317	20.6995	210
	75 Propyl Acetate	43	6.579	6.585	(1.154)	83114	30.1618	300
	68 Bromodichloromethane	83	6.713	6.713	(1.177)	68666	19.7299	200
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	55087	288.401	2900
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	71455	17.4328	170
	70 4-Methyl-2-Pentanone	43	7.309	7.315	(0.845)	24721	13.2367	130
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	478281	49.6758	50
	66 Toluene	91	7.431	7.431	(0.859)	229830	19.4236	190
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.892)	65003	17.2297	170

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61525.d
Report Date: 21-Oct-2011 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	7.869	7.875	(0.910)	35879	17.7943	180
	71 Tetrachloroethene	166	7.899	7.905	(0.913)	62827	20.2557	200
	72 1,3-Dichloropropane	76	8.021	8.027	(0.928)	72231	17.5671	180
	73 2-Hexanone	43	8.070	8.064	(0.933)	15213	12.0092	120
	76 Butyl Acetate	73	8.143	8.143	(0.942)	18183	28.5581	280
	74 Dibromochloromethane	129	8.185	8.191	(0.947)	51712	19.6444	200
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	45959	19.2074	190
*	78 Chlorobenzene-d5	117	8.648	8.648	(1.000)	419149	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.003)	155979	20.2596	200
	81 Ethylbenzene	106	8.733	8.733	(1.010)	81111	19.6618	200
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	54016	20.1361	200
	82 m+p-Xylene	106	8.830	8.830	(1.021)	210571	42.0989	420
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	25357	13.2426	130
	84 o-Xylene	106	9.140	9.146	(1.057)	105421	20.9608	210
	85 Styrene	104	9.165	9.165	(1.060)	182860	21.7147	220
	87 Amyl Acetate	43	9.280	9.280	(0.892)	41333	19.4491	190
	86 Bromoform	173	9.335	9.335	(1.079)	30985	18.8299	190
	88 Isopropylbenzene	105	9.414	9.414	(1.089)	247607	21.5790	220
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	185354	49.9799	50
	90 Camphene (total)	41	9.584	9.584	(1.108)	13842	16.4440	160
	91 Bromobenzene	156	9.682	9.682	(0.930)	68668	19.0397	190
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.694	(0.932)	50167	17.3291	170
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	297472	21.3735	210
	93 1,2,3-Trichloropropane	110	9.743	9.737	(0.936)	18410	19.2175	190
	94 trans-1,4-Dichloro-2-butene	53	9.743	9.749	(0.936)	14171	20.6061	210
	96 2-Chlorotoluene	91	9.810	9.810	(0.943)	180461	21.0291	210
	97 1,3,5-Trimethylbenzene	105	9.846	9.846	(0.946)	222193	22.1499	220
	99 Butyl Methacrylate	87	9.907	9.901	(0.952)	68064	17.1771	170
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	198093	21.8135	220
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	181422	20.9963	210
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	226033	22.2892	220
	102 2-Octanone	43	10.199	10.199	(0.980)	45455	13.2900	130
	104 2-Octanol	45	10.223	10.223	(0.982)	7852	10.9306	110
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	271804	23.1661	230
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	230942	21.9416	220
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	141172	20.9319	210
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	242526	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	138814	19.6239	200
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	88312	14.5499	140
	173 Indan	117	10.619	10.576	(1.020)	6323	0.62382	6.2(a)
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	193260	20.1937	200
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	124482	19.0863	190
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	8218	15.9012	160
	113 Camphor	95	11.793	11.787	(1.133)	15378	54.3956	540
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	69708	17.9452	180
	115 Hexachlorobutadiene	225	11.951	11.945	(1.148)	35444	18.7929	190
	116 Naphthalene	128	12.097	12.097	(1.163)	133063	17.0978	170

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b/c61525.d
Report Date: 21-Oct-2011 10:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	52768	16.9434	170
M 120 1,2-Dichloroethene (Total)	100				132761	45.8036	460
M 121 Xylene (Total)	100				315992	63.0597	630

QC Flag Legend

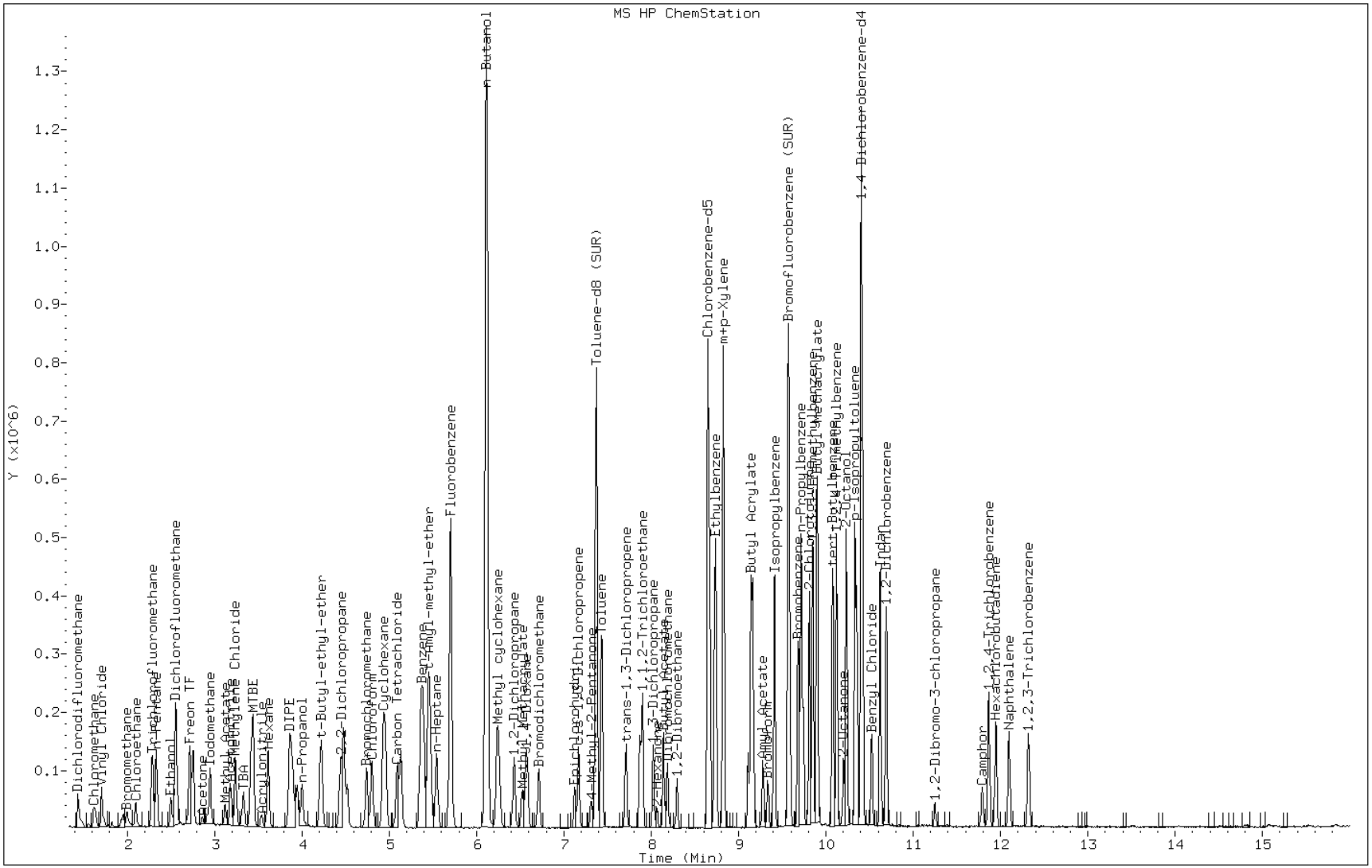
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: c61525.d

Date: 19-OCT-2011 23:35

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-32413-A-3 MSD;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-35I MSD | Lab Sample ID: 460-32413-4 MSD

Matrix: Water | Lab File ID: c61548.d

Analysis Method: 8260B | Date Collected: 10/13/2011 14:10

Sample wt/vol: 5(mL) | Date Analyzed: 10/20/2011 10:52

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 90161 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	196		10	2.1
74-83-9	Bromomethane	149		10	3.1
75-01-4	Vinyl chloride	219		10	1.3
75-00-3	Chloroethane	229		10	4.5
75-09-2	Methylene Chloride	189		10	1.9
67-64-1	Acetone	218		100	25
75-15-0	Carbon disulfide	185		10	1.5
75-35-4	1,1-Dichloroethene	184		10	1.4
75-34-3	1,1-Dichloroethane	192		10	1.0
156-60-5	trans-1,2-Dichloroethene	193		10	1.4
156-59-2	cis-1,2-Dichloroethene	203		10	2.0
67-66-3	Chloroform	204		10	1.5
107-06-2	1,2-Dichloroethane	207		10	2.4
78-93-3	2-Butanone	156		100	8.2
71-55-6	1,1,1-Trichloroethane	208		10	2.5
56-23-5	Carbon tetrachloride	219		10	1.9
75-27-4	Bromodichloromethane	196		10	0.93
78-87-5	1,2-Dichloropropane	184		10	0.90
10061-01-5	cis-1,3-Dichloropropene	180		10	1.1
79-01-6	Trichloroethene	2470		10	1.8
124-48-1	Dibromochloromethane	198		10	1.1
79-00-5	1,1,2-Trichloroethane	181		10	1.0
71-43-2	Benzene	197		10	1.3
10061-02-6	trans-1,3-Dichloropropene	183		10	1.2
75-25-2	Bromoform	203		10	1.0
108-10-1	4-Methyl-2-pentanone	142		100	6.8
591-78-6	2-Hexanone	138		100	5.5
127-18-4	Tetrachloroethene	200		10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	183		10	0.90
108-88-3	Toluene	194		10	0.90
108-90-7	Chlorobenzene	204		10	1.6
100-41-4	Ethylbenzene	198		10	2.5
100-42-5	Styrene	211		10	1.3
1330-20-7	Xylenes, Total	612		30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Client Sample ID: MW-35I MSD Lab Sample ID: 460-32413-4 MSD

Matrix: Water Lab File ID: c61548.d

Analysis Method: 8260B Date Collected: 10/13/2011 14:10

Sample wt/vol: 5(mL) Date Analyzed: 10/20/2011 10:52

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 90161 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-122
2037-26-5	Toluene-d8 (Surr)	97		69-125
460-00-4	Bromofluorobenzene	101		69-135

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61548.d
Report Date: 20-Oct-2011 12:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61548.d
Lab Smp Id: 460-32413-A-4 MSD
Inj Date : 20-OCT-2011 10:52
Operator : Inst ID: VOAMS3.i
Smp Info : 460-32413-A-4 MSD;10
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/8260_09.m
Meth Date : 20-Oct-2011 07:49 audberto Quant Type: ISTD
Cal Date : 14-OCT-2011 06:08 Cal File: c61284.d
Als bottle: 10 QC Sample: MSD
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.438	1.438	(0.252)	68871	22.1504	220
3 Chloromethane	50	1.621	1.627	(0.284)	56038	19.5830	200
4 Vinyl Chloride	62	1.706	1.706	(0.299)	72507	21.8635	220
6 Bromomethane	94	2.010	2.016	(0.352)	15484	14.9279	150
5 Chloroethane	64	2.095	2.102	(0.367)	47502	22.9360	230
7 Trichlorofluoromethane	101	2.290	2.290	(0.402)	117811	21.7523	220
176 Dichlorofluoromethane	67	2.558	2.284	(0.448)	81991	15.2355	150
9 Ethanol	46	2.497	2.497	(0.438)	20503	2209.16	22000
11 Ethyl Ether	59	2.546	2.546	(0.446)	43996	17.7470	180
10 Isoprene	67	2.558	2.564	(0.448)	83077	19.9995	200
14 Freon TF	101	2.716	2.722	(0.476)	60993	21.2674	210
13 Acrolein	56	2.728	2.734	(0.478)	12939	33.6324	340
15 1,1-Dichloroethene	96	2.752	2.759	(0.483)	52437	18.3941	180
16 Acetone	43	2.862	2.862	(0.502)	13413	21.8172	220
18 Carbon Disulfide	76	2.953	2.959	(0.518)	141690	18.4747	180
27 Methyl Acetate	43	3.124	3.124	(0.548)	44167	15.0481	150

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61548.d
Report Date: 20-Oct-2011 12:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	172 Cyclopentene	67	2.710	2.716	(0.475)	946	0.15311	1.5(a)
	21 Acetonitrile	39	3.178	3.178	(0.557)	17279	325.895	3200
	22 Methylene Chloride	84	3.239	3.245	(0.568)	63336	18.8963	190
	24 TBA	59	3.330	3.324	(0.584)	81530	347.598	3500
	28 MTBE	73	3.422	3.422	(0.600)	177330	19.4737	190
	25 trans-1,2-Dichloroethene	96	3.446	3.452	(0.604)	61171	19.3076	190
	26 Acrylonitrile	53	3.537	3.543	(0.620)	18759	20.1774	200
	29 Hexane	56	3.610	3.622	(0.633)	42448	19.1325	190
	32 DIPE	45	3.866	3.860	(0.678)	151205	17.7648	180
	30 1,1-Dichloroethane	63	3.890	3.896	(0.682)	101857	19.2009	190
	31 Vinyl Acetate	43	3.914	3.921	(0.686)	51089	19.6971	200
	34 n-Propanol	60	4.000	3.994	(0.701)	22983	2628.24	26000
	35 t-Butyl-ethyl-ether	59	4.219	4.219	(0.740)	173639	19.1353	190
	37 2,2-Dichloropropane	77	4.444	4.450	(0.779)	94299	19.8140	200
	36 cis-1,2-Dichloroethene	96	4.480	4.480	(0.786)	72129	20.3389	200
	38 2-Butanone	72	4.511	4.517	(0.791)	5681	15.6367	160
	39 Ethyl Acetate	70	4.529	4.529	(0.794)	11654	36.5108	360
	40 Bromochloromethane	128	4.742	4.742	(0.831)	34484	20.0420	200
	41 Tetrahydrofuran	42	4.748	4.754	(0.833)	12668	17.7337	180
	42 Chloroform	83	4.803	4.803	(0.842)	111668	20.3572	200
	44 Cyclohexane	56	4.936	4.936	(0.866)	94582	20.1204	200
	43 1,1,1-Trichloroethane	97	4.955	4.955	(0.869)	106823	20.7554	210
	45 Carbon Tetrachloride	117	5.095	5.095	(0.893)	91814	21.8801	220
	46 1,1-Dichloropropene	75	5.137	5.131	(0.901)	83990	20.2440	200
	48 Benzene	78	5.362	5.362	(0.620)	248687	19.7173	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.393	5.393	(0.946)	179152	50.0910	50
	50 t-Amyl-methyl-ether	73	5.454	5.454	(0.956)	162549	19.5064	200
	61 Isopropyl Acetate	43	5.454	5.454	(0.956)	193789	34.3077	340
	49 1,2-Dichloroethane	62	5.478	5.478	(0.961)	84973	20.6686	210
	51 n-Heptane	57	5.545	5.545	(0.972)	16568	18.3548	180
*	52 Fluorobenzene	96	5.703	5.709	(1.000)	662077	50.0000	
	53 n-Butanol	56	6.098	6.092	(1.069)	68799	1148.18	11000
	54 Trichloroethene	95	6.111	6.117	(1.071)	761637	246.918	2500(R)
	56 Methyl cyclohexane	83	6.238	6.244	(1.094)	100837	20.2605	200
	55 Ethyl Acrylate	55	6.257	6.263	(1.097)	122726	17.9008	180
	57 1,2-Dichloropropane	63	6.427	6.427	(1.127)	54256	18.3837	180
	59 Methyl Methacrylate	100	6.524	6.518	(1.144)	13671	14.9476	150
	60 1,4-Dioxane	88	6.555	6.555	(1.149)	3699	117.148	1200
	58 Dibromomethane	93	6.561	6.567	(1.150)	34904	19.7678	200
	75 Propyl Acetate	43	6.585	6.579	(1.155)	95608	29.7290	300
	68 Bromodichloromethane	83	6.713	6.719	(1.177)	79605	19.5987	200
	63 Epichlorohydrin	57	7.127	7.127	(0.824)	63444	283.546	2800
	67 cis-1,3-Dichloropropene	75	7.169	7.169	(0.829)	86623	18.0407	180
	70 4-Methyl-2-Pentanone	43	7.309	7.315	(0.845)	31086	14.2090	140
$	65 Toluene-d8 (SUR)	98	7.370	7.370	(0.852)	546265	48.4340	48
	66 Toluene	91	7.431	7.437	(0.859)	268938	19.4026	190
	64 trans-1,3-Dichloropropene	75	7.711	7.711	(0.892)	80670	18.2534	180

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61548.d
Report Date: 20-Oct-2011 12:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	69 1,1,2-Trichloroethane	83	7.875	7.875	(0.911)	42807	18.1234	180
	71 Tetrachloroethene	166	7.899	7.899	(0.913)	72844	20.0484	200
	72 1,3-Dichloropropane	76	8.027	8.027	(0.928)	84826	17.6113	180
	73 2-Hexanone	43	8.069	8.070	(0.933)	20468	13.7931	140
	76 Butyl Acetate	73	8.143	8.136	(0.942)	21882	29.3384	290
	74 Dibromochloromethane	129	8.191	8.191	(0.947)	61102	19.8148	200
	77 1,2-Dibromoethane	107	8.295	8.295	(0.959)	53897	19.2286	190
*	78 Chlorobenzene-d5	117	8.647	8.654	(1.000)	491002	50.0000	
	79 Chlorobenzene	112	8.672	8.672	(1.003)	183814	20.3812	200
	81 Ethylbenzene	106	8.733	8.733	(1.010)	95539	19.7701	200
	80 1,1,1,2-Tetrachloroethane	131	8.745	8.745	(1.011)	62645	19.9353	200
	82 m+p-Xylene	106	8.824	8.830	(1.020)	240385	41.0265	410
	83 Butyl Acrylate	73	9.110	9.110	(1.053)	34465	15.3653	150
	84 o-Xylene	106	9.140	9.146	(1.057)	118758	20.1571	200
	85 Styrene	104	9.165	9.165	(1.060)	208278	21.1137	210
	87 Amyl Acetate	43	9.280	9.280	(0.892)	54376	22.3307	220
	86 Bromoform	173	9.335	9.335	(1.079)	39105	20.2868	200
	88 Isopropylbenzene	105	9.408	9.414	(1.088)	309041	22.9916	230
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.920)	215004	50.5980	50
	90 Camphene (total)	41	9.590	9.584	(1.109)	15354	15.5709	160
	91 Bromobenzene	156	9.682	9.682	(0.930)	81348	19.6854	200
	92 1,1,2,2-Tetrachloroethane	83	9.694	9.700	(0.932)	60795	18.3281	180
	95 n-Propylbenzene	91	9.718	9.718	(0.934)	357059	22.3904	220
	93 1,2,3-Trichloropropane	110	9.736	9.736	(0.936)	21738	19.8041	200
	94 trans-1,4-Dichloro-2-butene	53	9.749	9.742	(0.937)	13087	16.6084	170
	96 2-Chlorotoluene	91	9.809	9.809	(0.943)	211314	21.4911	210
	97 1,3,5-Trimethylbenzene	105	9.846	9.852	(0.946)	261580	22.7583	230
	99 Butyl Methacrylate	87	9.907	9.907	(0.952)	84427	18.5955	180
	98 4-Chlorotoluene	91	9.895	9.895	(0.951)	230586	22.1607	220
	100 tert-Butylbenzene	119	10.077	10.077	(0.968)	226534	22.8812	230
	101 1,2,4-Trimethylbenzene	105	10.126	10.126	(0.973)	267916	23.0576	230
	102 2-Octanone	43	10.199	10.199	(0.980)	61493	15.6914	160
	104 2-Octanol	45	10.223	10.223	(0.982)	12578	15.2815	150
	103 sec-Butylbenzene	105	10.235	10.235	(0.984)	316588	23.5496	240
	107 p-Isopropyltoluene	119	10.333	10.333	(0.993)	284387	23.5814	240
	105 1,3-Dichlorobenzene	146	10.357	10.357	(0.995)	159099	20.5883	200
*	108 1,4-Dichlorobenzene-d4	152	10.406	10.406	(1.000)	277885	50.0000	
	109 1,4-Dichlorobenzene	146	10.424	10.424	(1.002)	159268	19.6505	200
	110 Benzyl Chloride	91	10.527	10.527	(1.012)	113094	16.2619	160
	173 Indan	117	10.576	10.576	(1.016)	986	0.08490	0.85(a)
	106 n-Butylbenzene	91	10.625	10.619	(1.021)	239300	21.8228	220
	111 1,2-Dichlorobenzene	146	10.692	10.692	(1.027)	146752	19.6378	200
	112 1,2-Dibromo-3-chloropropane	75	11.251	11.251	(1.081)	11202	18.9170	190
	113 Camphor	95	11.793	11.787	(1.133)	28612	88.3295	880
	114 1,2,4-Trichlorobenzene	180	11.866	11.866	(1.140)	86377	19.4069	190
	115 Hexachlorobutadiene	225	11.951	11.945	(1.149)	43215	19.9976	200
	116 Naphthalene	128	12.097	12.097	(1.163)	190724	21.3886	210

Data File: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b/c61548.d
Report Date: 20-Oct-2011 12:05

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	12.322	12.322	(1.184)	68728	19.2600	190
M 120 1,2-Dichloroethene (Total)	100				133300	39.6465	400
M 121 Xylene (Total)	100				359143	61.1837	610

QC Flag Legend

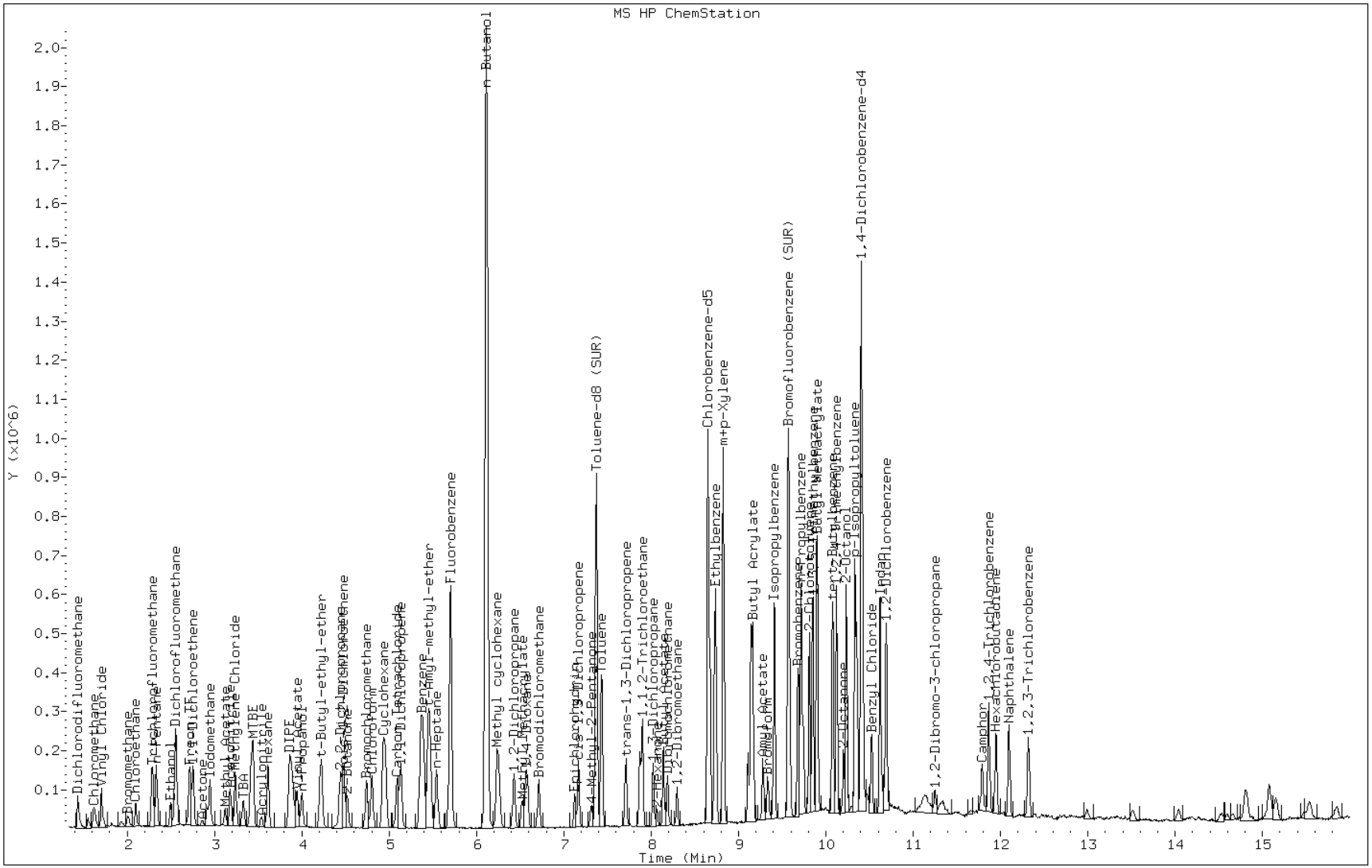
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: c61548.d

Date: 20-OCT-2011 10:52

Client ID: Instrument: VOAMS3.i

Sample Info: 460-32413-A-4 MSD;10 Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 10/13/2011 22:06

Analysis Batch Number: 89508 End Date: 10/14/2011 06:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-89508/1		10/13/2011 22:06	1	c61266.d	Rtx-624 0.25(mm)
ICIS 460-89508/2		10/13/2011 23:15	1	c61268.d	Rtx-624 0.25(mm)
IC 460-89508/3		10/14/2011 00:46	1	c61270.d	Rtx-624 0.25(mm)
IC 460-89508/4		10/14/2011 01:09	1	c61271.d	Rtx-624 0.25(mm)
IC 460-89508/5		10/14/2011 01:32	1	c61272.d	Rtx-624 0.25(mm)
IC 460-89508/6		10/14/2011 05:22	1	c61282.d	Rtx-624 0.25(mm)
IC 460-89508/7		10/14/2011 06:08	1	c61284.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 10/19/2011 18:31

Analysis Batch Number: 90116 End Date: 10/20/2011 04:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-90116/1		10/19/2011 18:31	1	c61513.d	Rtx-624 0.25(mm)
CCVIS 460-90116/2		10/19/2011 18:52	1	c61514.d	Rtx-624 0.25(mm)
LCS 460-90116/3		10/19/2011 19:16	1	c61515.d	Rtx-624 0.25(mm)
MB 460-90116/4		10/19/2011 20:23	1	c61517.d	Rtx-624 0.25(mm)
ZZZZZ		10/19/2011 20:47	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2011 21:11	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2011 21:35	1		Rtx-624 0.25(mm)
ZZZZZ		10/19/2011 21:59	1		Rtx-624 0.25(mm)
460-32413-3	MW-34I	10/19/2011 22:23	5	c61522.d	Rtx-624 0.25(mm)
460-32413-3 MS	MW-34I MS	10/19/2011 23:11	10	c61524.d	Rtx-624 0.25(mm)
460-32413-3 MSD	MW-34I MSD	10/19/2011 23:35	10	c61525.d	Rtx-624 0.25(mm)
460-32413-5	FB-101311	10/20/2011 00:23	1	c61527.d	Rtx-624 0.25(mm)
460-32413-6	Trip Blank	10/20/2011 00:47	1	c61528.d	Rtx-624 0.25(mm)
460-32413-2	OW-5	10/20/2011 01:11	1	c61529.d	Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 01:59	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 02:23	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 02:47	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 03:11	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 03:35	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 03:59	1		Rtx-624 0.25(mm)
460-32413-1	OW-4	10/20/2011 04:23	2	c61537.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 10/20/2011 06:50

Analysis Batch Number: 90161 End Date: 10/20/2011 18:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-90161/1		10/20/2011 06:50	1	c61538.d	Rtx-624 0.25(mm)
CCVIS 460-90161/2		10/20/2011 07:09	1	c61539.d	Rtx-624 0.25(mm)
LCS 460-90161/3		10/20/2011 07:33	1	c61540.d	Rtx-624 0.25(mm)
MB 460-90161/4		10/20/2011 08:28	1	c61542.d	Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 08:52	1		Rtx-624 0.25(mm)
460-32413-4	MW-35I	10/20/2011 09:16	5	c61544.d	Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 10:04	1		Rtx-624 0.25(mm)
460-32413-4 MS	MW-35I MS	10/20/2011 10:28	10	c61547.d	Rtx-624 0.25(mm)
460-32413-4 MSD	MW-35I MSD	10/20/2011 10:52	10	c61548.d	Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 11:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 12:04	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 12:28	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 12:52	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 13:16	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 13:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 14:04	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 14:28	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 14:52	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 15:16	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 15:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 16:04	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 16:28	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 16:52	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 17:16	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 17:40	1		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 18:28	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-32413-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 10/20/2011 19:38

Analysis Batch Number: 90279 End Date: 10/21/2011 04:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-90279/1		10/20/2011 19:38	1	c61569.d	Rtx-624 0.25(mm)
CCVIS 460-90279/2		10/20/2011 20:24	1	c61571.d	Rtx-624 0.25(mm)
LCS 460-90279/3		10/20/2011 21:17	1	c61572.d	Rtx-624 0.25(mm)
MB 460-90279/4		10/20/2011 22:33	1	c61575.d	Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 22:57	10		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 23:21	10		Rtx-624 0.25(mm)
ZZZZZ		10/20/2011 23:45	10		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 00:09	10		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 00:33	10		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 00:57	10		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 01:21	10		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 01:45	10		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 02:09	1		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 02:33	1		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 03:21	1		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 03:45	1		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 04:09	1		Rtx-624 0.25(mm)
ZZZZZ		10/21/2011 04:33	1		Rtx-624 0.25(mm)
460-32413-7	Dup-101311	10/21/2011 04:57	5	c61591.d	Rtx-624 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b

Date Generated: 10/14/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/13/11 2206	c61266.d	2	BFB		0	0	1	all		8260 HIGH	G
10/13/11 2229	c61267.d	1	ICIS-VM8CAL3		5	0	1	all		8260 IS: 1191146 SURR 500:	NG
10/13/11 2315	c61268.d	3	ICIS-VM8CAL3		5	0	1	all		SURR 250: GAS 500: 1197707	G
10/14/11 0023	c61269.d	3	BLANK		5	0	1	all		MIX 1 500: 1183783 MIX 2 500: 1183804	NG
10/14/11 0046	c61270.d	4	IC-VM8CAL4		5	0	1	all		MIX 3: 1183790 AC/AC: 1183792	G
10/14/11 0109	c61271.d	5	IC-VM8CAL5		5	0	1	all		GAS SP: 1197708 8260 SP: 1183784	G
10/14/11 0132	c61272.d	6	IC-VM8CAL6		5	0	1	all		MIX 3 SP: 1183791 AC/AC SP: 1183793	G
10/14/11 0155	c61273.d	7	BLANK		5	0	1	all		MISC: 1183796	NG c/o
10/14/11 0218	c61274.d	8	BLANK		5	0	1	all		1183802	NG
10/14/11 0241	c61275.d	9	BLANK		5	0	1	all		1183128	NG
10/14/11 0304	c61276.d	10	BLANK		5	0	1	all		1149469	NG
10/14/11 0327	c61277.d	11	IC-VM8CAL0.5		5	0	1	all		1149470 1183127	NG
10/14/11 0350	c61278.d	12	IC-VM8CAL0.5		5	0	1	all		1149501	(N.u.)
10/14/11 0413	c61279.d	13	IC-VM8CAL0.5		5	0	1	all		1183794 MeOH 51145	

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/13oct11a.b

Date Generated: 10/14/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/14/11 0436	c61280.d	14	IC-VM8CAL1		5	0	1	all			NC
10/14/11 0459	c61281.d	15	IC-VM8CAL1		5	0	1	all			NC
10/14/11 0522	c61282.d	16	IC-VM8CAL2		5	0	1	all			C
10/14/11 0545	c61283.d	17	IC-VM8CAL2		5	0	1	all			NC
10/14/11 0608	c61284.d	1	IC-VM8CAL1		5	0	1	all			C
10/14/11 0632	c61285.d	2	IC-VM8CAL1		5	0	1	all			NC

Signed: Audberto & Eddie. Read and Understood by: A. Tapia

Date: 10/14/11. Date: 10/14/11.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b

Date Generated: 10/20/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/19/11 1831	c61513.d	2	BFB		0	0	1	all			G
10/19/11 1852	c61514.d	1	CCVIS		5	0	1	all		8260 HIGH 8260 IS: 1199146 SURR 500: SURR 250: GAS 500: MIX 1 500: 1209328 MIX 2 500: 1183783 MIX 3: 1183804 AC/AC: 1183790 GAS SP: 1183792 8260 SP: 1209329 MIX 3 SP: 1183784 AC/AC SP: 1183791 MISC: 1183793	G
10/19/11 1916	c61515.d	2	LCS		5	0	1	all			G
10/19/11 1959	c61516.d	3	MB		5	0	1	all			NG 4/0
10/19/11 2023	c61517.d	4	MB		5	0	1	all			G
10/19/11 2047	c61518.d	5	460-32403-A-16	FB	5	0	1	all	4.2	1183796	G
10/19/11 2111	c61519.d	6	460-32403-A-17	TB	5	0	1	all	4.2	1183802	G
10/19/11 2135	c61520.d	7	460-32403-A-10	TW-2	5	0	1	all	4.2	MeOH 51145	G
10/19/11 2159	c61521.d	8	460-32403-A-12	TW4	5	0	1	all	4.2		G
10/19/11 2223	c61522.d	9	460-32413-A-3	MW-34I	5	0	5	all	4.2		G
10/19/11 2247	c61523.d	10	460-32403-A-14	TW9	5	0	5	all	7.0		RR 1X
10/19/11 2311	c61524.d	11	460-32413-A-3 MS	MW-34I	5	0	10	all	4.2		G
10/19/11 2335	c61525.d	12	460-32413-A-3 MSD	MW-34I	5	0	10	all	4.2		G
10/19/11 2359	c61526.d	13	BLANK		5	0	1	all	—		(N.N.)

5X → 10mL → 50mL FV.

10X → 5mL → 50mL FV.

2X → 25mL into 50mL

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/19oct11a.b

Date Generated: 10/20/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/20/11 0023	c61527.d	14	460-32413-A-5	FB-101311	5	0	1	all	4.2		C
10/20/11 0047	c61528.d	15	460-32413-A-6	Trip Blank	5	0	1	all	4.2		C
10/20/11 0111	c61529.d	16	460-32413-A-2	OW-5	5	0	1	all	4.2		C
10/20/11 0135	c61530.d	17	460-32433-A-1	MW-17-101411	5	0	1	all	4.2		RR C/O
10/20/11 0159	c61531.d	18	460-32433-A-2	MW-14-101411	5	0	1	all	4.2		C
10/20/11 0223	c61532.d	19	460-32434-A-3	003-POD111014	5	0	1	all	4.2		C
10/20/11 0247	c61533.d	20	460-32434-A-1	001-POD111014	5	0	1	all	4.2		C
10/20/11 0311	c61534.d	21	460-32434-A-2	002-POD111014	5	0	1	all	4.2		C
10/20/11 0335	c61535.d	22	460-32462-A-4	GP-101W	5	0	1	all	4.2		C
10/20/11 0359	c61536.d	23	460-32462-A-5	GP-104W	5	0	1	all	4.2		C
10/20/11 0423	c61537.d	24	460-32413-A-1	OW-4	5	0	2	all	4.2		C

Signed: Humberto for Eddie. Read and Understood by: A. Tupaz

Date: 10/20/11. Date: 10/20/11.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b

Date Generated: 10/20/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/20/11 0650	c61538.d	2	BFB		0	0	1	all			
10/20/11 0709	c61539.d	1	CCVIS		5	0	1	all			G
10/20/11 0733	c61540.d	2	LCS		5	0	1	all			G
10/20/11 0804	c61541.d	3	MB		5	0	1	all			G
10/20/11 0828	c61542.d	4	MB		5	0	1	all			NG clean up
10/20/11 0852	c61543.d	5	460-32433-B-1	MW-17-101411	5	0	1	all	LJ		G
10/20/11 0916	c61544.d	6	460-32413-A-4	MW-35I	5	0	5	all	LJ		G
10/20/11 0940	c61545.d	7	460-32413-A-7	Dup-101311	5	0	2	all	LJ		NG RR 5x
10/20/11 1004	c61546.d	8	460-32403-C-14	TW9	5	0	1	all	LJ		G
10/20/11 1028	c61547.d	9	460-32413-A-4 MS		5	0	10	all	LJ		G
10/20/11 1052	c61548.d	10	460-32413-A-4 MSD		5	0	10	all	LJ		G
10/20/11 1116	c61549.d	11	BLANK		5	0	1	all			NG clean up
10/20/11 1140	c61550.d	12	460-32223-B-7	MP-61	5	0	1	all	LJ		G
10/20/11 1204	c61551.d	13	460-32279-B-4	TFMW-2S	5	0	1	all	LJ		G

8260 HIGH

8260 IS/Surr: 1199146

SURR 500: -

SURR 250: -

GAS 500: 1209328

MIX 1 500: 1183783

MIX 2 500: 1183804

MIX 3: 1183790

AC/AC: 1183792

GAS SP: 1209329

8260 SP: 1183784

MIX 3 SP: 1183791

AC/AC SP: 1183793

MISC:

1,4-Diox: 1183746

1183802

BFB: 1031147

MeOH: 51145

Dilutions: 2x - 25 ml → 50 ml F.V
5x - 10 ml → 50 ml F.V
10x - 5 ml → 50 ml F.V.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b

Date Generated: 10/20/2011

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/20/11 1228	c61552.d	14	460-32279-B-7	TFMW-4S	5	0	1	all	L2		G
10/20/11 1252	c61553.d	15	460-32279-B-9	TFMW-5S	5	0	1	all	L2		G
10/20/11 1316	c61554.d	16	460-32547-A-4	MW-27	5	0	1	all	L2		G
10/20/11 1340	c61555.d	17	460-32547-A-5	MW-26	5	0	1	all	L2		G
10/20/11 1404	c61556.d	18	460-32547-A-6	MW-25	5	0	1	all	L2		G
10/20/11 1428	c61557.d	19	460-32547-A-7	MW-15S	5	0	1	all	L2		G
10/20/11 1452	c61558.d	20	460-32547-A-8	MW-12S	5	0	1	all	L2		G
10/20/11 1516	c61559.d	21	460-32547-A-9	DUP-101711	5	0	1	all	L2		G
10/20/11 1540	c61560.d	22	460-32547-A-10	MW-14S	5	0	1	all	L2		G
10/20/11 1604	c61561.d	23	460-32547-A-12	MW-11S	5	0	1	all	L2		G
10/20/11 1628	c61562.d	24	460-32547-C-13	MW-18RS	5	0	1	all	L2		G
10/20/11 1652	c61563.d	25	460-32547-C-14	MW-4RS	5	0	1	all	L2		G
10/20/11 1716	c61564.d	26	460-32547-C-15	MW-5RS	5	0	1	all	L2		G
10/20/11 1740	c61565.d	27	460-32547-C-16	MW-16S	5	0	1	all	L2		G

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11.b

Date Generated: 10/20/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/20/11 1804	c61566.d	28	460-32547-A-11	MW-10S	5	0	5	all	12		NH see 1x
10/20/11 1828	c61567.d	29	460-32547-A-11	MW-10S	5	0	1	all	12		H
10/20/11 1851	c61568.d	30	BLANK		5	0	1	all			NH clean up

Signed: Eddie May for AT Read and Understood by:

Date: 10/20/11 Date: 10/20/11

10/25/2011

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b

Date Generated: 10/21/2011

90279

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/20/11 1938	c61569.d	2	BFB		0	0	1	all			G
10/20/11 2000	c61570.d	1	CCVIS		5	0	1	all			NG
10/20/11 2024	c61571.d	2	CCVIS		5	0	1	all			G
10/20/11 2117	c61572.d	3	LCS		5	0	1	all			G
10/20/11 2140	c61573.d	4	LCSD		5	0	1	all			G
10/20/11 2209	c61574.d	5	MB		5	0	1	all			NG c/o
10/20/11 2233	c61575.d	6	MB		5	0	1	all			G
10/20/11 2257	c61576.d	7	LB 460-90113/1-A		5	0	10	TCLP_DCB			G
10/20/11 2321	c61577.d	8	360-37036-A-1-H		5	0	10	TCLP_DCB			G
10/20/11 2345	c61578.d	9	460-32511-B-6-E		5	0	10	TCLP_DCB			G
10/21/11 0009	c61579.d	10	460-32515-A-1-A		5	0	10	TCLP_DCB			G
10/21/11 0033	c61580.d	11	460-32539-A-1-A		5	0	10	TCLP_DCB			G
10/21/11 0057	c61581.d	12	460-32541-A-1-A		5	0	10	TCLP_DCB			G
10/21/11 0121	c61582.d	13	460-32541-A-1-A MS		5	0	10	TCLP_DCB			G

8260 HIGH

8260 IS: 1199146

SURR 500:

SURR 250:

GAS 500: 1209328

MIX 1 500: 1183783

MIX 2 500: 1183804

MIX 3: 1183790

AC/AC: 1183792

GAS SP: 1209329

8260 SP: 1183784

MIX 3 SP: 1183791

AC/AC SP: 1183793

MISC:

1183796

1183802

MeOH

51145

10X → 5mL → 50mL FV.

5X → 10mL → 50mL FV.

10/25/2011

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/10-13-11A/20oct11a.b

Date Generated: 10/21/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/21/11 0145	c61583.d	14	460-32541-A-1-A MSD		5	0	10	TCLP_DCB			G
10/21/11 0209	c61584.d	15	460-32547-A-25 MS	MW-32D (53-58) MS	5	0	1	TCLP_DCB			G
10/21/11 0233	c61585.d	16	460-32547-A-25 MSD	MW-32D (53-58) MSD	5	0	1	TCLP_DCB			G
10/21/11 0257	c61586.d	17	BLANK		5	0	1	TCLP_DCB	—		(N.U.)
10/21/11 0321	c61587.d	18	460-32547-A-18	FB-101711	5	0	1	all	12		G
10/21/11 0345	c61588.d	19	460-32547-A-19	FB-101811	5	0	1	all	12		G
10/21/11 0409	c61589.d	20	460-32547-A-25	MW-32D (53-58)	5	0	1	all	12		G
10/21/11 0433	c61590.d	21	460-32547-C-17	MW-33D	5	0	1	all	12		G
10/21/11 0457	c61591.d	22	460-32413-B-7	Dup-101311	5	0	5	all	12		G

Signed: Audrieto for eddie Read and Understood by: A. Dipasquale

Date: 10/21/11. Date: 10/21/11.

10/25/2011

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Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Jeff Wills	Samplers Name (Printed) Jeff Wills	Site/Project Identification MBA-MANORHAVEN
Company Roux Associates	P. O. # 0771.0001Y000	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 209 Shafter Street	Analysis Turnaround Time: Standard ☒	Regulatory Program:
City Islandia State NY	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 631-232-2600 Fax 631-232-9898		Job No: 92413

Sample Identification	Date	Time	Matrix	No. of Cont.	FULL LIST VOCs 8260B	Sample Numbers
OW-4	10-13-11		AQ	3	X	1
OW-5	10-13-11		AQ	3	X	2
MW-34I	10-13-11		AQ	3	X	3
MW-35I	10-13-11		AQ	3	X	4
FB-101311	10-13-11		AQ	2	X	5
TRIP BLANK	10-13-11		AQ	2	X	6
DUP-101311	10-13-11		AQ	3	X	7
						—
						—
						—

Preservation Used: 1 = ICE, (2 = HCl) 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil: Water: 2

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) Jeff Wills	Roux Associates	10/13/11 1545	1) Fedex	
2) Fedex			2)	Company 10/14/11 TA 7:45
3)			3)	Company 1.3° dso
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-32413-1

Login Number: 32413

List Source: TestAmerica Edison

List Number: 1

Creator: Williams, Kenwyn

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3 ° C IR #50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No sample times on coc
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-35494-1

Job Description: 0771.0001Y000 MBA-Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Jeffrey Wills

Approved for release.
Larry Decker
Project Manager I
1/17/2012 5:07 PM

Larry Decker
Project Manager I
larry.decker@testamericainc.com
01/17/2012

cc: Ms. Sarah Kelly

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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CASE NARRATIVE

Client: Roux Associates, Inc.

Project: 0771.0001Y000 MBA-Manorhaven

Report Number: 460-35494-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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

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

RECEIPT

The samples were received on 01/07/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-35494-1 through 460-35494-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 01/10/2012.

Trichloroethene failed the recovery criteria low for the MS of sample 460-35494-2 in batch 460-98481.

Bromomethane exceeded the rpd limit for the MSD of sample 460-35494-2 in batch 460-98481.

Method(s) 8260B: The matrix spike (MS) recoveries for batch 98481 were outside control limits for Trichloroethene due to the high concentration in the sample relative to the spike amount. %RPD was also outside control limits for Bromomethane. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: DUP-010612 (460-35494-5), MW-34I (460-35494-2), OW-4 (460-35494-1). Elevated reporting limits (RLs) are provided.

Samples 460-35494-1(10X), 460-35494-2(10X) and 460-35494-5(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-35494-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-35494-1	OW-4	Water	01/06/2012 1000	01/07/2012 0855
460-35494-2	MW-34I	Water	01/06/2012 1135	01/07/2012 0855
460-35494-3FB	FB-010612	Water	01/06/2012 1140	01/07/2012 0855
460-35494-4TB	TRIP BLANK	Water	01/06/2012 0000	01/07/2012 0855
460-35494-5FD	DUP-010612	Water	01/06/2012 1200	01/07/2012 0855

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-35494-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-35494-1	**OW-4**					
Vinyl chloride		3.9	J	10	ug/L	8260B
1,1-Dichloroethene		7.8	J	10	ug/L	8260B
trans-1,2-Dichloroethene		6.8	J	10	ug/L	8260B
cis-1,2-Dichloroethene		190		10	ug/L	8260B
Trichloroethene		2700		10	ug/L	8260B
460-35494-2	**MW-34I**					
Vinyl chloride		14		10	ug/L	8260B
1,1-Dichloroethene		21		10	ug/L	8260B
trans-1,2-Dichloroethene		4.8	J	10	ug/L	8260B
cis-1,2-Dichloroethene		120		10	ug/L	8260B
Trichloroethene		3200		10	ug/L	8260B
460-35494-3FB	**FB-010612**					
Methylene Chloride		2.5		1.0	ug/L	8260B
Chloroform		0.20	J	1.0	ug/L	8260B
460-35494-5FD	**DUP-010612**					
Vinyl chloride		4.0	J	10	ug/L	8260B
1,1-Dichloroethene		7.1	J	10	ug/L	8260B
trans-1,2-Dichloroethene		4.8	J	10	ug/L	8260B
cis-1,2-Dichloroethene		180		10	ug/L	8260B
Trichloroethene		2700		10	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-35494-1

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

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc. Job Number: 460-35494-1

Method	Analyst	Analyst ID
SW846 8260B	Desai, Saurab	SD

Client: Roux Associates, Inc. Job Number: 460-35494-1

Client Sample ID: **OW-4**

Lab Sample ID: 460-35494-1 Date Sampled: 01/06/2012 1000
Client Matrix: Water Date Received: 01/07/2012 0855

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c64386.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1338			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 1338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	10	U	2.1	10
Bromomethane	10	U	3.1	10
Vinyl chloride	3.9	J	1.3	10
Chloroethane	10	U	4.5	10
Methylene Chloride	10	U	1.9	10
Acetone	50	U	25	50
Carbon disulfide	10	U	1.5	10
1,1-Dichloroethene	7.8	J	1.4	10
1,1-Dichloroethane	10	U	1.0	10
trans-1,2-Dichloroethene	6.8	J	1.4	10
cis-1,2-Dichloroethene	190		2.0	10
Chloroform	10	U	1.5	10
1,2-Dichloroethane	10	U	2.4	10
2-Butanone	50	U	8.2	50
1,1,1-Trichloroethane	10	U	2.5	10
Carbon tetrachloride	10	U	1.9	10
Bromodichloromethane	10	U	0.93	10
1,2-Dichloropropane	10	U	0.90	10
cis-1,3-Dichloropropene	10	U	1.1	10
Trichloroethene	2700		1.8	10
Dibromochloromethane	10	U	1.1	10
1,1,2-Trichloroethane	10	U	1.0	10
Benzene	10	U	1.3	10
trans-1,3-Dichloropropene	10	U	1.2	10
Bromoform	10	U	1.0	10
4-Methyl-2-pentanone	50	U	6.8	50
2-Hexanone	50	U	5.5	50
Tetrachloroethene	10	U	2.0	10
1,1,2,2-Tetrachloroethane	10	U	0.90	10
Toluene	10	U	0.90	10
Chlorobenzene	10	U	1.6	10
Ethylbenzene	10	U	2.5	10
Styrene	10	U	1.3	10
Xylenes, Total	30	U	4.3	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 122
Toluene-d8 (Surr)	96		69 - 125
Bromofluorobenzene	103		69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Client Sample ID: **MW-34I**

Lab Sample ID: 460-35494-2 Date Sampled: 01/06/2012 1135
Client Matrix: Water Date Received: 01/07/2012 0855

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c64387.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1401			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 1401				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	10	U	2.1	10
Bromomethane	10	U	3.1	10
Vinyl chloride	14		1.3	10
Chloroethane	10	U	4.5	10
Methylene Chloride	10	U	1.9	10
Acetone	50	U	25	50
Carbon disulfide	10	U	1.5	10
1,1-Dichloroethene	21		1.4	10
1,1-Dichloroethane	10	U	1.0	10
trans-1,2-Dichloroethene	4.8	J	1.4	10
cis-1,2-Dichloroethene	120		2.0	10
Chloroform	10	U	1.5	10
1,2-Dichloroethane	10	U	2.4	10
2-Butanone	50	U	8.2	50
1,1,1-Trichloroethane	10	U	2.5	10
Carbon tetrachloride	10	U	1.9	10
Bromodichloromethane	10	U	0.93	10
1,2-Dichloropropane	10	U	0.90	10
cis-1,3-Dichloropropene	10	U	1.1	10
Trichloroethene	3200		1.8	10
Dibromochloromethane	10	U	1.1	10
1,1,2-Trichloroethane	10	U	1.0	10
Benzene	10	U	1.3	10
trans-1,3-Dichloropropene	10	U	1.2	10
Bromoform	10	U	1.0	10
4-Methyl-2-pentanone	50	U	6.8	50
2-Hexanone	50	U	5.5	50
Tetrachloroethene	10	U	2.0	10
1,1,2,2-Tetrachloroethane	10	U	0.90	10
Toluene	10	U	0.90	10
Chlorobenzene	10	U	1.6	10
Ethylbenzene	10	U	2.5	10
Styrene	10	U	1.3	10
Xylenes, Total	30	U	4.3	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 122
Toluene-d8 (Surr)	96		69 - 125
Bromofluorobenzene	101		69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Client Sample ID: **FB-010612**

Lab Sample ID: 460-35494-3FB Date Sampled: 01/06/2012 1140
Client Matrix: Water Date Received: 01/07/2012 0855

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c64375.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 0922			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 0922				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	2.5		0.19	1.0
Acetone	5.0	U	2.5	5.0
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	0.20	J	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	5.0	U	0.82	5.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	5.0	U	0.68	5.0
2-Hexanone	5.0	U	0.55	5.0
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 122
Toluene-d8 (Surr)	95		69 - 125
Bromofluorobenzene	104		69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 460-35494-4TB Date Sampled: 01/06/2012 0000
Client Matrix: Water Date Received: 01/07/2012 0855

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c64376.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 0944			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 0944				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	5.0	U	2.5	5.0
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	5.0	U	0.82	5.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	5.0	U	0.68	5.0
2-Hexanone	5.0	U	0.55	5.0
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 122
Toluene-d8 (Surr)	96		69 - 125
Bromofluorobenzene	104		69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Client Sample ID: **DUP-010612**

Lab Sample ID: 460-35494-5FD Date Sampled: 01/06/2012 1200
Client Matrix: Water Date Received: 01/07/2012 0855

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c64388.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1423			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 1423				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	10	U	2.1	10
Bromomethane	10	U	3.1	10
Vinyl chloride	4.0	J	1.3	10
Chloroethane	10	U	4.5	10
Methylene Chloride	10	U	1.9	10
Acetone	50	U	25	50
Carbon disulfide	10	U	1.5	10
1,1-Dichloroethene	7.1	J	1.4	10
1,1-Dichloroethane	10	U	1.0	10
trans-1,2-Dichloroethene	4.8	J	1.4	10
cis-1,2-Dichloroethene	180		2.0	10
Chloroform	10	U	1.5	10
1,2-Dichloroethane	10	U	2.4	10
2-Butanone	50	U	8.2	50
1,1,1-Trichloroethane	10	U	2.5	10
Carbon tetrachloride	10	U	1.9	10
Bromodichloromethane	10	U	0.93	10
1,2-Dichloropropane	10	U	0.90	10
cis-1,3-Dichloropropene	10	U	1.1	10
Trichloroethene	2700		1.8	10
Dibromochloromethane	10	U	1.1	10
1,1,2-Trichloroethane	10	U	1.0	10
Benzene	10	U	1.3	10
trans-1,3-Dichloropropene	10	U	1.2	10
Bromoform	10	U	1.0	10
4-Methyl-2-pentanone	50	U	6.8	50
2-Hexanone	50	U	5.5	50
Tetrachloroethene	10	U	2.0	10
1,1,2,2-Tetrachloroethane	10	U	0.90	10
Toluene	10	U	0.90	10
Chlorobenzene	10	U	1.6	10
Ethylbenzene	10	U	2.5	10
Styrene	10	U	1.3	10
Xylenes, Total	30	U	4.3	30

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 122
Toluene-d8 (Surr)	97		69 - 125
Bromofluorobenzene	104		69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-35494-1	OW-4	116	96	103
460-35494-2	MW-34I	116	96	101
460-35494-3	FB-010612	115	95	104
460-35494-4	TRIP BLANK	114	96	104
460-35494-5	DUP-010612	115	97	104
MB 460-98481/4		112	96	100
LCS 460-98481/3		107	99	105
460-35494-2 MS	MW-34I MS	109	100	101
460-35494-2 MSD	MW-34I MSD	111	99	103

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Method Blank - Batch: 460-98481

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-98481/4	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c64374.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 0858	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 0858				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.21	1.0
Bromomethane	1.0	U	0.31	1.0
Vinyl chloride	1.0	U	0.13	1.0
Chloroethane	1.0	U	0.45	1.0
Methylene Chloride	1.0	U	0.19	1.0
Acetone	5.0	U	2.5	5.0
Carbon disulfide	1.0	U	0.15	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
Chloroform	1.0	U	0.15	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
2-Butanone	5.0	U	0.82	5.0
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Bromodichloromethane	1.0	U	0.093	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
Trichloroethene	1.0	U	0.18	1.0
Dibromochloromethane	1.0	U	0.11	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Benzene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
Bromoform	1.0	U	0.10	1.0
4-Methyl-2-pentanone	5.0	U	0.68	5.0
2-Hexanone	5.0	U	0.55	5.0
Tetrachloroethene	1.0	U	0.20	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
Toluene	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.25	1.0
Styrene	1.0	U	0.13	1.0
Xylenes, Total	3.0	U	0.43	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 122
Toluene-d8 (Surr)	96	69 - 125
Bromofluorobenzene	100	69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Lab Control Sample - Batch: 460-98481

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-98481/3	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c64372.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 0810	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 0810				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	20.9	104	58 - 146	
Bromomethane	20.0	17.2	86	55 - 153	
Vinyl chloride	20.0	18.5	93	61 - 144	
Chloroethane	20.0	17.8	89	69 - 145	
Methylene Chloride	20.0	20.4	102	79 - 119	
Acetone	20.0	19.6	98	45 - 156	
Carbon disulfide	20.0	19.4	97	58 - 139	
1,1-Dichloroethene	20.0	18.8	94	56 - 139	
1,1-Dichloroethane	20.0	19.0	95	78 - 122	
trans-1,2-Dichloroethene	20.0	19.5	97	75 - 122	
cis-1,2-Dichloroethene	20.0	18.1	91	80 - 120	
Chloroform	20.0	19.9	99	82 - 123	
1,2-Dichloroethane	20.0	21.1	105	74 - 118	
2-Butanone	20.0	15.7	78	65 - 114	
1,1,1-Trichloroethane	20.0	19.2	96	74 - 128	
Carbon tetrachloride	20.0	19.3	96	73 - 120	
Bromodichloromethane	20.0	19.4	97	79 - 119	
1,2-Dichloropropane	20.0	18.1	91	80 - 120	
cis-1,3-Dichloropropene	20.0	20.2	101	80 - 120	
Trichloroethene	20.0	18.7	93	78 - 119	
Dibromochloromethane	20.0	18.7	93	80 - 120	
1,1,2-Trichloroethane	20.0	19.4	97	79 - 119	
Benzene	20.0	19.7	99	83 - 124	
trans-1,3-Dichloropropene	20.0	19.0	95	78 - 118	
Bromoform	20.0	17.7	89	73 - 123	
4-Methyl-2-pentanone	20.0	17.3	86	53 - 120	
2-Hexanone	20.0	16.6	83	53 - 121	
Tetrachloroethene	20.0	18.8	94	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	74 - 126	
Toluene	20.0	18.8	94	80 - 120	
Chlorobenzene	20.0	19.3	96	81 - 121	
Ethylbenzene	20.0	18.6	93	79 - 126	
Styrene	20.0	19.8	99	69 - 112	
Xylenes, Total	60.0	57.5	96	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 122
Toluene-d8 (Surr)	99	69 - 125
Bromofluorobenzene	105	69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-98481

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-35494-2	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c64383.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1231			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 1231				
Leach Date:	N/A				

MSD Lab Sample ID:	460-35494-2	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c64384.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1253			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 1253				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	94	107	58 - 146	13	30		
Bromomethane	75	102	55 - 153	31	30		*
Vinyl chloride	82	93	61 - 144	11	30		
Chloroethane	85	90	69 - 145	6	30		
Methylene Chloride	101	106	79 - 119	5	30		
Acetone	97	106	45 - 156	9	30		
Carbon disulfide	91	98	58 - 139	8	30		
1,1-Dichloroethene	88	98	56 - 139	9	30		
1,1-Dichloroethane	98	103	78 - 122	5	30		
trans-1,2-Dichloroethene	90	100	75 - 122	10	30		
cis-1,2-Dichloroethene	89	98	80 - 120	6	30		
Chloroform	97	101	82 - 123	4	30		
1,2-Dichloroethane	105	110	74 - 118	4	30		
2-Butanone	82	84	65 - 114	2	30		
1,1,1-Trichloroethane	92	99	74 - 128	8	30		
Carbon tetrachloride	96	96	73 - 120	0	30		
Bromodichloromethane	92	99	79 - 119	7	30		
1,2-Dichloropropane	86	92	80 - 120	6	30		
cis-1,3-Dichloropropene	94	99	80 - 120	5	30		
Trichloroethene	45	95	78 - 119	3	30	*	
Dibromochloromethane	93	95	80 - 120	2	30		
1,1,2-Trichloroethane	92	97	79 - 119	5	30		
Benzene	97	101	83 - 124	4	30		
trans-1,3-Dichloropropene	93	100	78 - 118	8	30		
Bromoform	86	92	73 - 123	7	30		
4-Methyl-2-pentanone	88	82	53 - 120	7	30		
2-Hexanone	84	80	53 - 121	5	30		
Tetrachloroethene	95	93	68 - 139	2	30		
1,1,2,2-Tetrachloroethane	96	101	74 - 126	5	30		
Toluene	95	96	80 - 120	1	30		
Chlorobenzene	95	99	81 - 121	4	30		
Ethylbenzene	95	96	79 - 126	2	30		
Styrene	99	101	69 - 112	2	30		

Client: Roux Associates, Inc. Job Number: 460-35494-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-98481

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-35494-2	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c64383.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1231			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 1231				
Leach Date:	N/A				

MSD Lab Sample ID:	460-35494-2	Analysis Batch:	460-98481	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c64384.d
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/10/2012 1253			Final Weight/Volume:	5 mL
Prep Date:	01/10/2012 1253				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Xylenes, Total	95	100	76 - 121	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	111	70 - 122
Toluene-d8 (Surr)	100	99	69 - 125
Bromofluorobenzene	101	103	69 - 135

Client: Roux Associates, Inc. Job Number: 460-35494-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-98481

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-35494-2	Units: ug/L		MSD Lab Sample ID:	460-35494-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	10			Dilution:	10
Analysis Date:	01/10/2012 1231			Analysis Date:	01/10/2012 1253
Prep Date:	01/10/2012 1231			Prep Date:	01/10/2012 1253
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	10	U	200	200	188		214	
Bromomethane	10	U	200	200	149		204	*
Vinyl chloride	14		200	200	178		199	
Chloroethane	10	U	200	200	169		179	
Methylene Chloride	10	U	200	200	203		213	
Acetone	50	U	200	200	194		212	
Carbon disulfide	10	U	200	200	181		196	
1,1-Dichloroethene	21		200	200	197		217	
1,1-Dichloroethane	10	U	200	200	195		206	
trans-1,2-Dichloroethene	4.8	J	200	200	184		204	
cis-1,2-Dichloroethene	120		200	200	295		315	
Chloroform	10	U	200	200	194		203	
1,2-Dichloroethane	10	U	200	200	210		219	
2-Butanone	50	U	200	200	165		168	
1,1,1-Trichloroethane	10	U	200	200	184		199	
Carbon tetrachloride	10	U	200	200	191		192	
Bromodichloromethane	10	U	200	200	184		197	
1,2-Dichloropropane	10	U	200	200	172		183	
cis-1,3-Dichloropropene	10	U	200	200	188		199	
Trichloroethene	3200		200	200	3290	*	3390	
Dibromochloromethane	10	U	200	200	186		190	
1,1,2-Trichloroethane	10	U	200	200	185		194	
Benzene	10	U	200	200	194		203	
trans-1,3-Dichloropropene	10	U	200	200	185		200	
Bromoform	10	U	200	200	173		185	
4-Methyl-2-pentanone	50	U	200	200	176		165	
2-Hexanone	50	U	200	200	167		159	
Tetrachloroethene	10	U	200	200	190		186	
1,1,2,2-Tetrachloroethane	10	U	200	200	192		203	
Toluene	10	U	200	200	190		191	
Chlorobenzene	10	U	200	200	191		198	
Ethylbenzene	10	U	200	200	189		193	
Styrene	10	U	200	200	199		203	
Xylenes, Total	30	U	600	600	572		602	

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-35494-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.
	*	MS or MSD exceeds the control limits

Client: Roux Associates, Inc. Job Number: 460-35494-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-98481					
LCS 460-98481/3	Lab Control Sample	T	Water	8260B	
MB 460-98481/4	Method Blank	T	Water	8260B	
460-35494-1	OW-4	T	Water	8260B	
460-35494-2	MW-34I	T	Water	8260B	
460-35494-2MS	Matrix Spike	T	Water	8260B	
460-35494-2MSD	Matrix Spike Duplicate	T	Water	8260B	
460-35494-3FB	FB-010612	T	Water	8260B	
460-35494-4TB	TRIP BLANK	T	Water	8260B	
460-35494-5FD	DUP-010612	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-35494-1

Laboratory Chronicle

Lab ID: 460-35494-1 **Client ID:** OW-4

Sample Date/Time: 01/06/2012 10:00 Received Date/Time: 01/07/2012 08:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-35494-B-1		460-98481		01/10/2012 13:38	10	TAL EDI	SD
A:8260B	460-35494-B-1		460-98481		01/10/2012 13:38	10	TAL EDI	SD

Lab ID: 460-35494-2 **Client ID:** MW-34I

Sample Date/Time: 01/06/2012 11:35 Received Date/Time: 01/07/2012 08:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-35494-B-2		460-98481		01/10/2012 14:01	10	TAL EDI	SD
A:8260B	460-35494-B-2		460-98481		01/10/2012 14:01	10	TAL EDI	SD

Lab ID: 460-35494-2 MS **Client ID:** MW-34I

Sample Date/Time: 01/06/2012 11:35 Received Date/Time: 01/07/2012 08:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-35494-A-2 MS		460-98481		01/10/2012 12:31	10	TAL EDI	SD
A:8260B	460-35494-A-2 MS		460-98481		01/10/2012 12:31	10	TAL EDI	SD

Lab ID: 460-35494-2 MSD **Client ID:** MW-34I

Sample Date/Time: 01/06/2012 11:35 Received Date/Time: 01/07/2012 08:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-35494-A-2 MSD		460-98481		01/10/2012 12:53	10	TAL EDI	SD
A:8260B	460-35494-A-2 MSD		460-98481		01/10/2012 12:53	10	TAL EDI	SD

Lab ID: 460-35494-3 **Client ID:** FB-010612

Sample Date/Time: 01/06/2012 11:40 Received Date/Time: 01/07/2012 08:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-35494-A-3		460-98481		01/10/2012 09:22	1	TAL EDI	SD
A:8260B	460-35494-A-3		460-98481		01/10/2012 09:22	1	TAL EDI	SD

Lab ID: 460-35494-4 **Client ID:** TRIP BLANK

Sample Date/Time: 01/06/2012 00:00 Received Date/Time: 01/07/2012 08:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-35494-A-4		460-98481		01/10/2012 09:44	1	TAL EDI	SD
A:8260B	460-35494-A-4		460-98481		01/10/2012 09:44	1	TAL EDI	SD

Client: Roux Associates, Inc. Job Number: 460-35494-1

Laboratory Chronicle

Lab ID: 460-35494-5 **Client ID:** DUP-010612

Sample Date/Time: 01/06/2012 12:00 Received Date/Time: 01/07/2012 08:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-35494-B-5		460-98481		01/10/2012 14:23	10	TAL EDI	SD
A:8260B	460-35494-B-5		460-98481		01/10/2012 14:23	10	TAL EDI	SD

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-98481/4		460-98481		01/10/2012 08:58	1	TAL EDI	SD
A:8260B	MB 460-98481/4		460-98481		01/10/2012 08:58	1	TAL EDI	SD

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-98481/3		460-98481		01/10/2012 08:10	1	TAL EDI	SD
A:8260B	LCS 460-98481/3		460-98481		01/10/2012 08:10	1	TAL EDI	SD

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
OW-4	460-35494-1	116	96	103
MW-34I	460-35494-2	116	96	101
FB-010612	460-35494-3	115	95	104
TRIP BLANK	460-35494-4	114	96	104
DUP-010612	460-35494-5	115	97	104
	MB 460-98481/4	112	96	100
	LCS 460-98481/3	107	99	105
MW-34I MS	460-35494-2 MS	109	100	101
MW-34I MSD	460-35494-2 MSD	111	99	103

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = Bromofluorobenzene	69-135

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c64372.d

Lab ID: LCS 460-98481/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	20.9	104	58-146	
Bromomethane	20.0	17.2	86	55-153	
Vinyl chloride	20.0	18.5	93	61-144	
Chloroethane	20.0	17.8	89	69-145	
Methylene Chloride	20.0	20.4	102	79-119	
Acetone	20.0	19.6	98	45-156	
Carbon disulfide	20.0	19.4	97	58-139	
1,1-Dichloroethene	20.0	18.8	94	56-139	
1,1-Dichloroethane	20.0	19.0	95	78-122	
trans-1,2-Dichloroethene	20.0	19.5	97	75-122	
cis-1,2-Dichloroethene	20.0	18.1	91	80-120	
Chloroform	20.0	19.9	99	82-123	
1,2-Dichloroethane	20.0	21.1	105	74-118	
2-Butanone	20.0	15.7	78	65-114	
1,1,1-Trichloroethane	20.0	19.2	96	74-128	
Carbon tetrachloride	20.0	19.3	96	73-120	
Bromodichloromethane	20.0	19.4	97	79-119	
1,2-Dichloropropane	20.0	18.1	91	80-120	
cis-1,3-Dichloropropene	20.0	20.2	101	80-120	
Trichloroethene	20.0	18.7	93	78-119	
Dibromochloromethane	20.0	18.7	93	80-120	
1,1,2-Trichloroethane	20.0	19.4	97	79-119	
Benzene	20.0	19.7	99	83-124	
trans-1,3-Dichloropropene	20.0	19.0	95	78-118	
Bromoform	20.0	17.7	89	73-123	
4-Methyl-2-pentanone	20.0	17.3	86	53-120	
2-Hexanone	20.0	16.6	83	53-121	
Tetrachloroethene	20.0	18.8	94	68-139	
1,1,2,2-Tetrachloroethane	20.0	20.2	101	74-126	
Toluene	20.0	18.8	94	80-120	
Chlorobenzene	20.0	19.3	96	81-121	
Ethylbenzene	20.0	18.6	93	79-126	
Styrene	20.0	19.8	99	69-112	
Xylenes, Total	60.0	57.5	96	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c64383.d

Lab ID: 460-35494-2 MS Client ID: MW-34I MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Chloromethane	200	10 U	188	94	58-146	
Bromomethane	200	10 U	149	75	55-153	
Vinyl chloride	200	14	178	82	61-144	
Chloroethane	200	10 U	169	85	69-145	
Methylene Chloride	200	10 U	203	101	79-119	
Acetone	200	50 U	194	97	45-156	
Carbon disulfide	200	10 U	181	91	58-139	
1,1-Dichloroethene	200	21	197	88	56-139	
1,1-Dichloroethane	200	10 U	195	98	78-122	
trans-1,2-Dichloroethene	200	4.8 J	184	90	75-122	
cis-1,2-Dichloroethene	200	120	295	89	80-120	
Chloroform	200	10 U	194	97	82-123	
1,2-Dichloroethane	200	10 U	210	105	74-118	
2-Butanone	200	50 U	165	82	65-114	
1,1,1-Trichloroethane	200	10 U	184	92	74-128	
Carbon tetrachloride	200	10 U	191	96	73-120	
Bromodichloromethane	200	10 U	184	92	79-119	
1,2-Dichloropropane	200	10 U	172	86	80-120	
cis-1,3-Dichloropropene	200	10 U	188	94	80-120	
Trichloroethene	200	3200	3290	45	78-119	*
Dibromochloromethane	200	10 U	186	93	80-120	
1,1,2-Trichloroethane	200	10 U	185	92	79-119	
Benzene	200	10 U	194	97	83-124	
trans-1,3-Dichloropropene	200	10 U	185	93	78-118	
Bromoform	200	10 U	173	86	73-123	
4-Methyl-2-pentanone	200	50 U	176	88	53-120	
2-Hexanone	200	50 U	167	84	53-121	
Tetrachloroethene	200	10 U	190	95	68-139	
1,1,2,2-Tetrachloroethane	200	10 U	192	96	74-126	
Toluene	200	10 U	190	95	80-120	
Chlorobenzene	200	10 U	191	95	81-121	
Ethylbenzene	200	10 U	189	95	79-126	
Styrene	200	10 U	199	99	69-112	
Xylenes, Total	600	30 U	572	95	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c64384.d

Lab ID: 460-35494-2 MSD Client ID: MW-34I MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	200	214	107	13	30	58-146	
Bromomethane	200	204	102	31	30	55-153	*
Vinyl chloride	200	199	93	11	30	61-144	
Chloroethane	200	179	90	6	30	69-145	
Methylene Chloride	200	213	106	5	30	79-119	
Acetone	200	212	106	9	30	45-156	
Carbon disulfide	200	196	98	8	30	58-139	
1,1-Dichloroethene	200	217	98	9	30	56-139	
1,1-Dichloroethane	200	206	103	5	30	78-122	
trans-1,2-Dichloroethene	200	204	100	10	30	75-122	
cis-1,2-Dichloroethene	200	315	98	6	30	80-120	
Chloroform	200	203	101	4	30	82-123	
1,2-Dichloroethane	200	219	110	4	30	74-118	
2-Butanone	200	168	84	2	30	65-114	
1,1,1-Trichloroethane	200	199	99	8	30	74-128	
Carbon tetrachloride	200	192	96	0	30	73-120	
Bromodichloromethane	200	197	99	7	30	79-119	
1,2-Dichloropropane	200	183	92	6	30	80-120	
cis-1,3-Dichloropropene	200	199	99	5	30	80-120	
Trichloroethene	200	3390	95	3	30	78-119	
Dibromochloromethane	200	190	95	2	30	80-120	
1,1,2-Trichloroethane	200	194	97	5	30	79-119	
Benzene	200	203	101	4	30	83-124	
trans-1,3-Dichloropropene	200	200	100	8	30	78-118	
Bromoform	200	185	92	7	30	73-123	
4-Methyl-2-pentanone	200	165	82	7	30	53-120	
2-Hexanone	200	159	80	5	30	53-121	
Tetrachloroethene	200	186	93	2	30	68-139	
1,1,2,2-Tetrachloroethane	200	203	101	5	30	74-126	
Toluene	200	191	96	1	30	80-120	
Chlorobenzene	200	198	99	4	30	81-121	
Ethylbenzene	200	193	96	2	30	79-126	
Styrene	200	203	101	2	30	69-112	
Xylenes, Total	600	602	100	5	30	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Lab File ID: c64374.d Lab Sample ID: MB 460-98481/4

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

Instrument ID: VOAMS3 Date Analyzed: 01/10/2012 08:58

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-98481/3	c64372.d	01/10/2012 08:10
FB-010612	460-35494-3	c64375.d	01/10/2012 09:22
TRIP BLANK	460-35494-4	c64376.d	01/10/2012 09:44
MW-34I MS	460-35494-2 MS	c64383.d	01/10/2012 12:31
MW-34I MSD	460-35494-2 MSD	c64384.d	01/10/2012 12:53
OW-4	460-35494-1	c64386.d	01/10/2012 13:38
MW-34I	460-35494-2	c64387.d	01/10/2012 14:01
DUP-010612	460-35494-5	c64388.d	01/10/2012 14:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Lab File ID: c63881.d BFB Injection Date: 12/23/2011

Instrument ID: VOAMS3 BFB Injection Time: 20:07

Analysis Batch No.: 97095

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.0	
75	30.0 - 60.0 % of mass 95	50.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.7	(0.8)1
174	50.0 - 120.00 % of mass 95	93.5	
175	5.0 - 9.0 % of mass 174	7.7	(8.3)1
176	95.0 - 101.0 % of mass 174	93.0	(99.4)1
177	5.0 - 9.0 % of mass 176	6.9	(7.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-97095/2	c63883.d	12/23/2011	20:50
	IC 460-97095/3	c63887.d	12/23/2011	22:24
	IC 460-97095/4	c63890.d	12/23/2011	23:32
	IC 460-97095/5	c63891.d	12/23/2011	23:54
	IC 460-97095/6	c63892.d	12/24/2011	00:17
	IC 460-97095/7	c63896.d	12/24/2011	01:47

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Lab File ID: c64370.d BFB Injection Date: 01/10/2012

Instrument ID: VOAMS3 BFB Injection Time: 06:59

Analysis Batch No.: 98481

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.2	
75	30.0 - 60.0 % of mass 95	49.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	89.6	
175	5.0 - 9.0 % of mass 174	6.6	(7.4)1
176	95.0 - 101.0 % of mass 174	86.5	(96.5)1
177	5.0 - 9.0 % of mass 176	4.4	(5.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-98481/2	c64371.d	01/10/2012	07:45
	LCS 460-98481/3	c64372.d	01/10/2012	08:10
	MB 460-98481/4	c64374.d	01/10/2012	08:58
FB-010612	460-35494-3	c64375.d	01/10/2012	09:22
TRIP BLANK	460-35494-4	c64376.d	01/10/2012	09:44
MW-34I MS	460-35494-2 MS	c64383.d	01/10/2012	12:31
MW-34I MSD	460-35494-2 MSD	c64384.d	01/10/2012	12:53
OW-4	460-35494-1	c64386.d	01/10/2012	13:38
MW-34I	460-35494-2	c64387.d	01/10/2012	14:01
DUP-010612	460-35494-5	c64388.d	01/10/2012	14:23

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Sample No.: CCVIS 460-98481/2 Date Analyzed: 01/10/2012 07:45

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c64371.d Heated Purge: (Y/N) N

Calibration ID: 13498

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		456193	5.69	332794	8.64	182030	10.40
UPPER LIMIT		912386	6.19	665588	9.14	364060	10.90
LOWER LIMIT		228097	5.19	166397	8.14	91015	9.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-98481/3		446642	5.69	332113	8.64	180485	10.40
MB 460-98481/4		415514	5.69	306790	8.64	158715	10.40
460-35494-3	FB-010612	421291	5.69	319115	8.64	158985	10.40
460-35494-4	TRIP BLANK	413356	5.69	310058	8.64	155015	10.40
460-35494-2 MS	MW-34I MS	425604	5.69	312413	8.64	178433	10.40
460-35494-2 MSD	MW-34I MSD	429932	5.69	320955	8.64	182401	10.40
460-35494-1	OW-4	398685	5.69	300578	8.64	152694	10.40
460-35494-2	MW-34I	397376	5.69	299426	8.64	151765	10.40
460-35494-5	DUP-010612	400323	5.69	299352	8.64	147125	10.40

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: OW-4 Lab Sample ID: 460-35494-1

Matrix: Water Lab File ID: c64386.d

Analysis Method: 8260B Date Collected: 01/06/2012 10:00

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 13:38

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	10	U	10	2.1
74-83-9	Bromomethane	10	U	10	3.1
75-01-4	Vinyl chloride	3.9	J	10	1.3
75-00-3	Chloroethane	10	U	10	4.5
75-09-2	Methylene Chloride	10	U	10	1.9
67-64-1	Acetone	50	U	50	25
75-15-0	Carbon disulfide	10	U	10	1.5
75-35-4	1,1-Dichloroethene	7.8	J	10	1.4
75-34-3	1,1-Dichloroethane	10	U	10	1.0
156-60-5	trans-1,2-Dichloroethene	6.8	J	10	1.4
156-59-2	cis-1,2-Dichloroethene	190		10	2.0
67-66-3	Chloroform	10	U	10	1.5
107-06-2	1,2-Dichloroethane	10	U	10	2.4
78-93-3	2-Butanone	50	U	50	8.2
71-55-6	1,1,1-Trichloroethane	10	U	10	2.5
56-23-5	Carbon tetrachloride	10	U	10	1.9
75-27-4	Bromodichloromethane	10	U	10	0.93
78-87-5	1,2-Dichloropropane	10	U	10	0.90
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.1
79-01-6	Trichloroethene	2700		10	1.8
124-48-1	Dibromochloromethane	10	U	10	1.1
79-00-5	1,1,2-Trichloroethane	10	U	10	1.0
71-43-2	Benzene	10	U	10	1.3
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.2
75-25-2	Bromoform	10	U	10	1.0
108-10-1	4-Methyl-2-pentanone	50	U	50	6.8
591-78-6	2-Hexanone	50	U	50	5.5
127-18-4	Tetrachloroethene	10	U	10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	0.90
108-88-3	Toluene	10	U	10	0.90
108-90-7	Chlorobenzene	10	U	10	1.6
100-41-4	Ethylbenzene	10	U	10	2.5
100-42-5	Styrene	10	U	10	1.3
1330-20-7	Xylenes, Total	30	U	30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: OW-4 Lab Sample ID: 460-35494-1

Matrix: Water Lab File ID: c64386.d

Analysis Method: 8260B Date Collected: 01/06/2012 10:00

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 13:38

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	103		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64386.d
Report Date: 11-Jan-2012 11:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64386.d
Lab Smp Id: 460-35494-B-1 Client Smp ID: OW-4
Inj Date : 10-JAN-2012 13:38
Operator : Inst ID: VOAMS3.i
Smp Info : 460-35494-B-1;10
Misc Info : 460-35494-B-1
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 16
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.697	1.703	(0.298)	1053	0.39374	3.9(aH)
	15 1,1-Dichloroethene	96	2.744	2.750	(0.482)	1206	0.78012	7.8(a)
	25 trans-1,2-Dichloroethene	96	3.443	3.437	(0.605)	1187	0.68351	6.8(a)
	36 cis-1,2-Dichloroethene	96	4.472	4.471	(0.786)	38533	19.2530	190
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	141419	57.8937	58
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	398685	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.073)	559376	272.101	2700
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	314496	48.1928	48
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	300578	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	115386	51.5339	52
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	152694	50.0000	
M	120 1,2-Dichloroethene (Total)	100				39720	19.9365	200

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64386.d
Report Date: 11-Jan-2012 11:51

QC Flag Legend

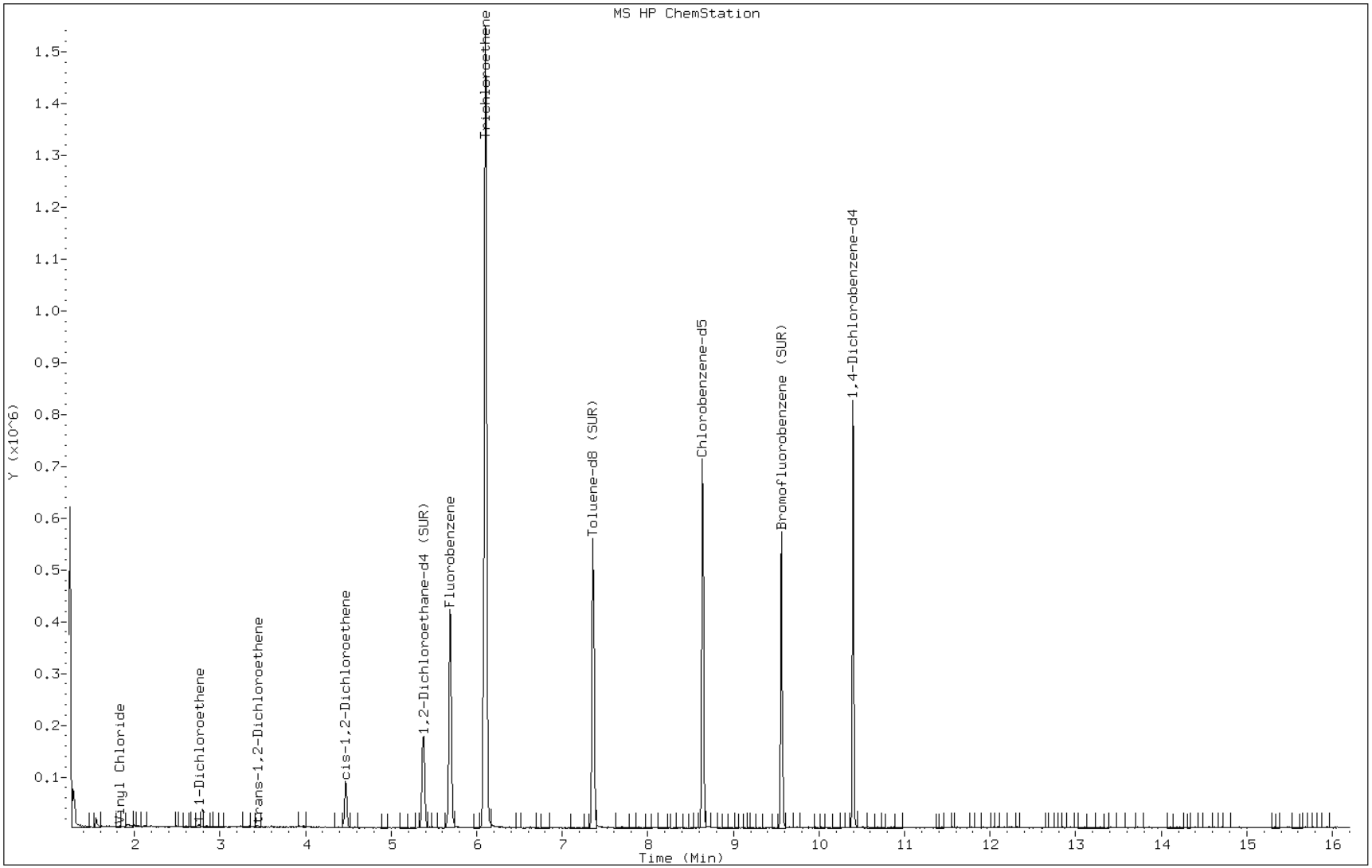
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: c64386.d

Date: 10-JAN-2012 13:38

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-35494-B-1;10 Operator:



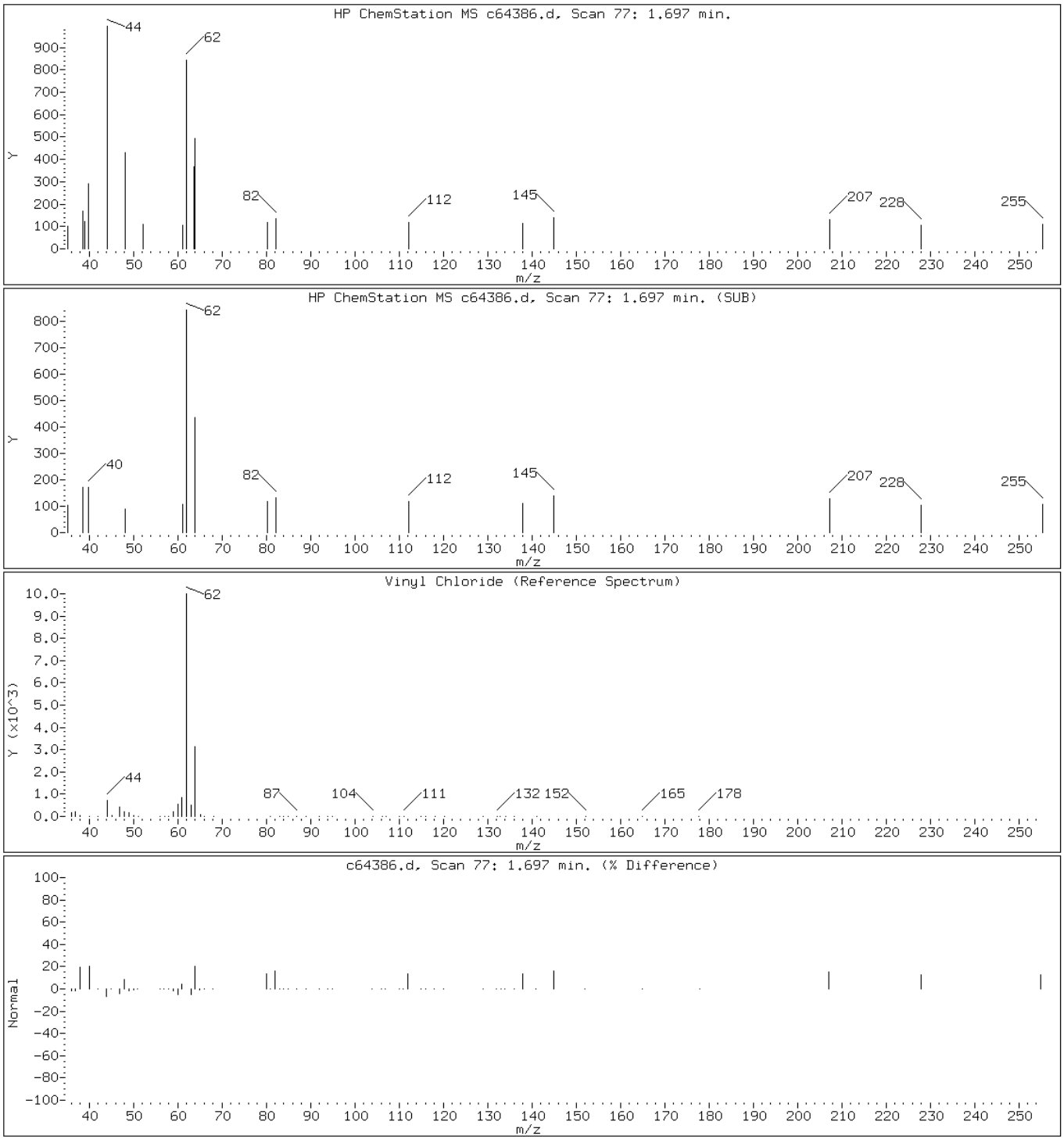
Data File: c64386.d

Date: 10-JAN-2012 13:38

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-35494-B-1;10 Operator:

4 Vinyl Chloride



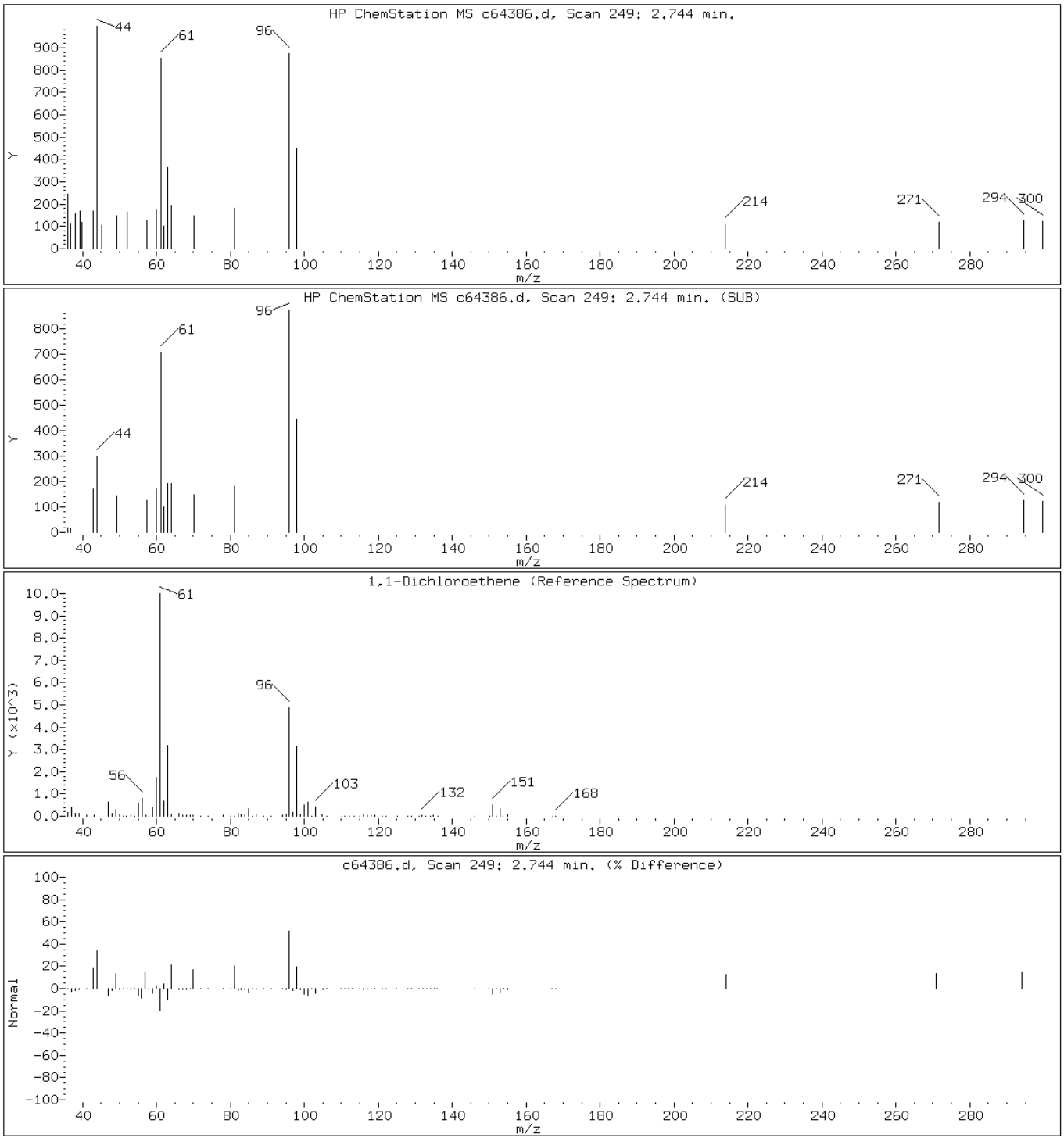
Data File: c64386.d

Date: 10-JAN-2012 13:38

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-35494-B-1;10 Operator:

15 1,1-Dichloroethene



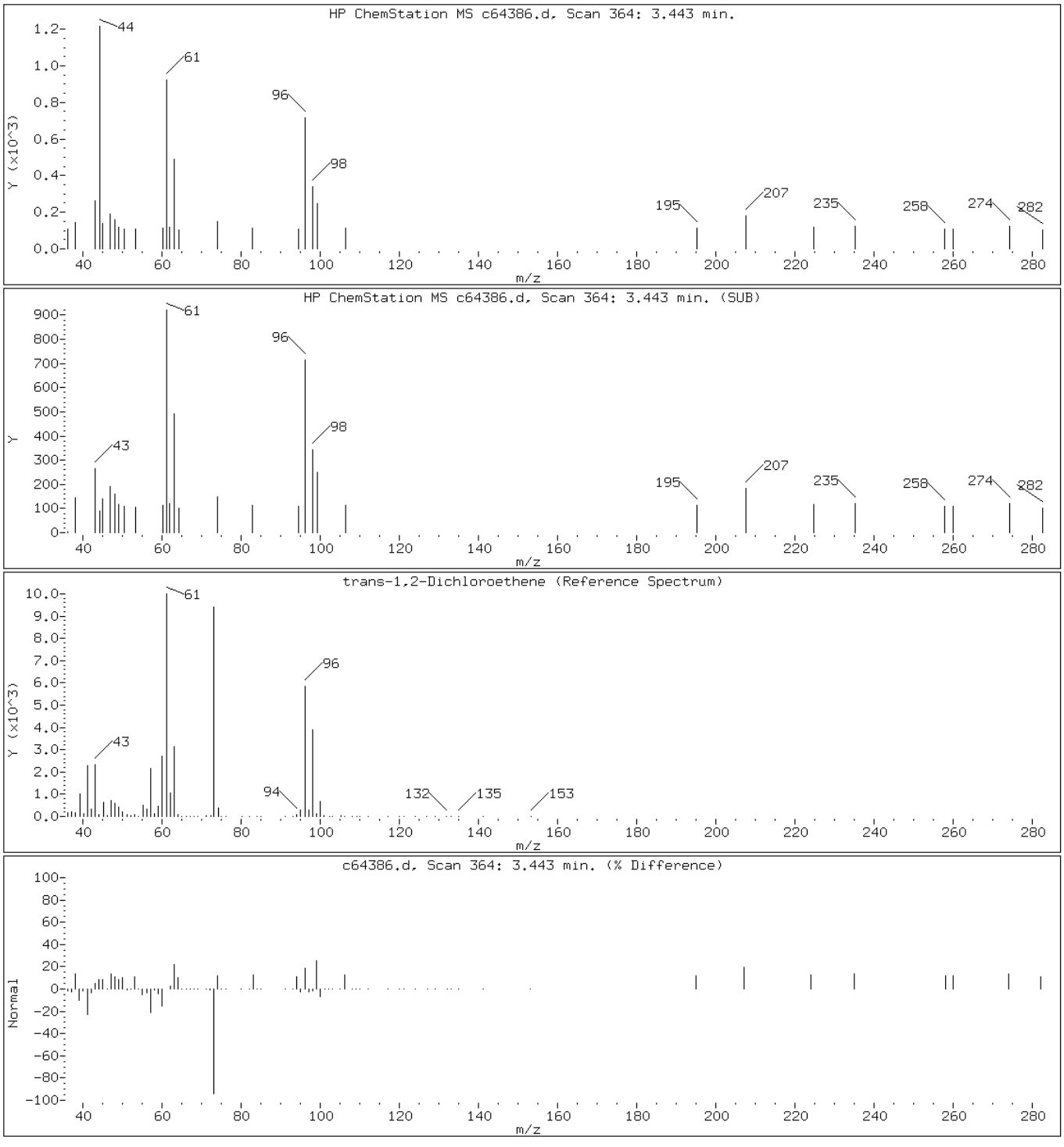
Data File: c64386.d

Date: 10-JAN-2012 13:38

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-35494-B-1;10 Operator:

25 trans-1,2-Dichloroethene



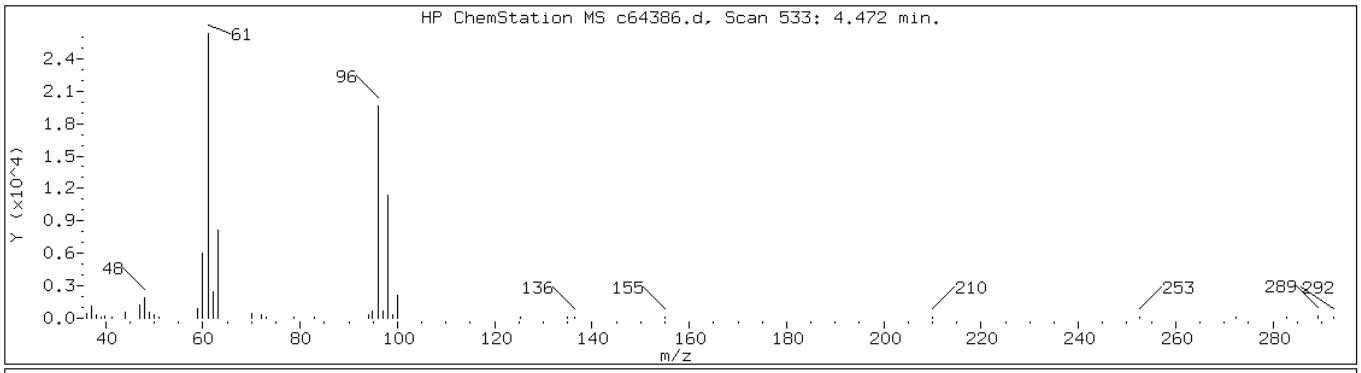
Data File: c64386.d

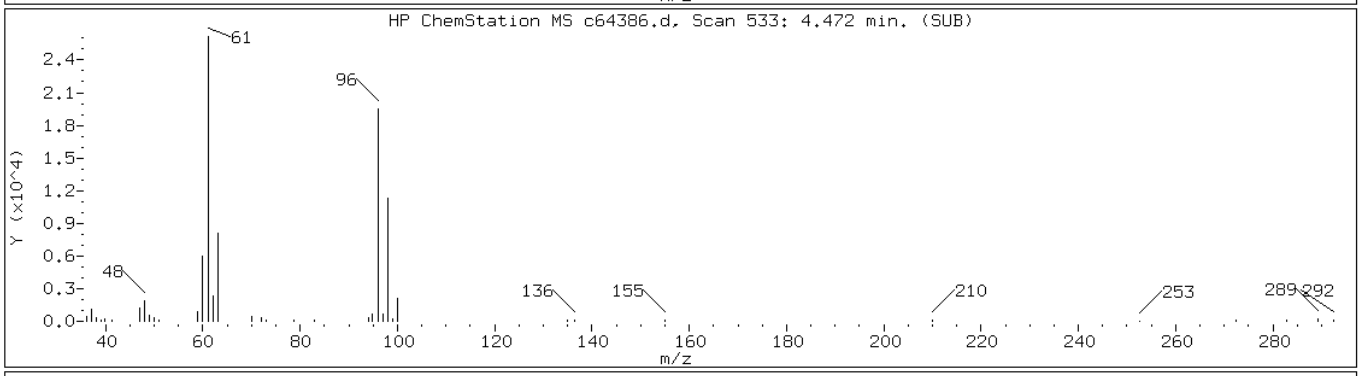
Date: 10-JAN-2012 13:38

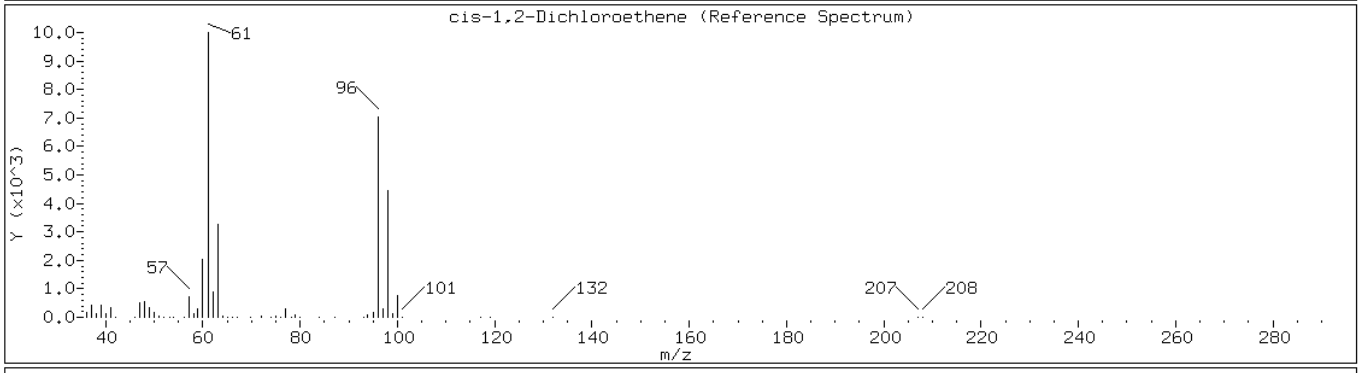
Client ID: OW-4 Instrument: VOAMS3.i

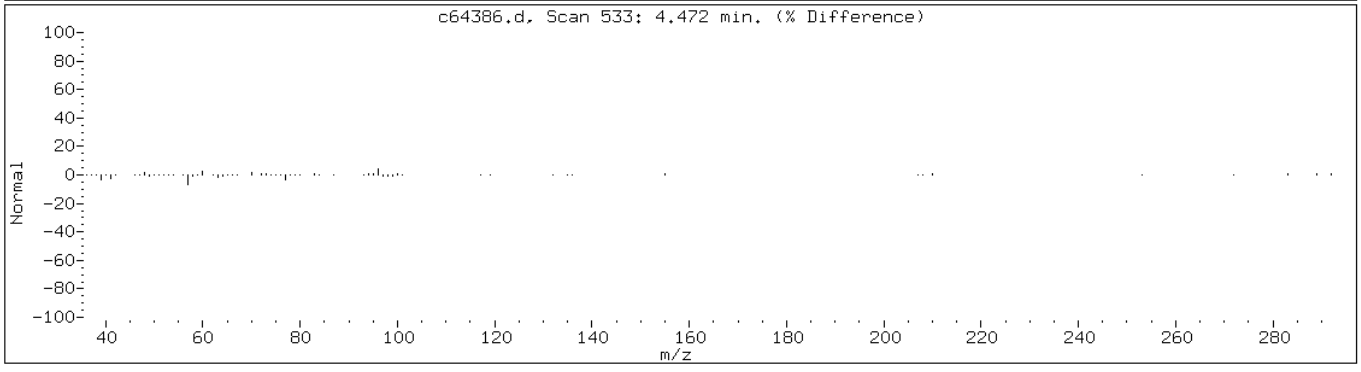
Sample Info: 460-35494-B-1;10 Operator:

36 cis-1,2-Dichloroethene









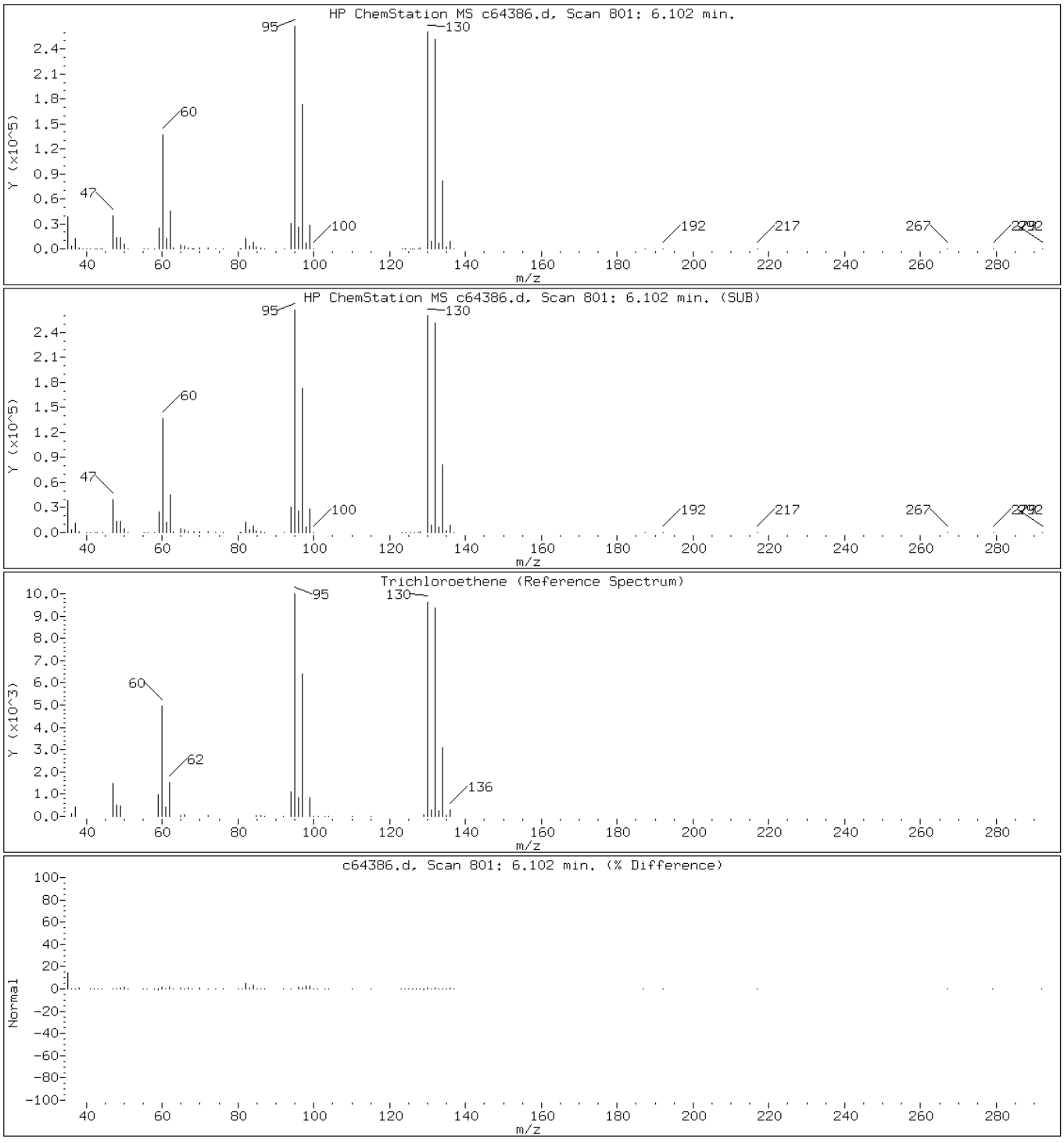
Data File: c64386.d

Date: 10-JAN-2012 13:38

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-35494-B-1;10 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-35494-1

SDG No.:

Client Sample ID: MW-34I | Lab Sample ID: 460-35494-2

Matrix: Water | Lab File ID: c64387.d

Analysis Method: 8260B | Date Collected: 01/06/2012 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 01/10/2012 14:01

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 98481 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	10	U	10	2.1
74-83-9	Bromomethane	10	U	10	3.1
75-01-4	Vinyl chloride	14		10	1.3
75-00-3	Chloroethane	10	U	10	4.5
75-09-2	Methylene Chloride	10	U	10	1.9
67-64-1	Acetone	50	U	50	25
75-15-0	Carbon disulfide	10	U	10	1.5
75-35-4	1,1-Dichloroethene	21		10	1.4
75-34-3	1,1-Dichloroethane	10	U	10	1.0
156-60-5	trans-1,2-Dichloroethene	4.8	J	10	1.4
156-59-2	cis-1,2-Dichloroethene	120		10	2.0
67-66-3	Chloroform	10	U	10	1.5
107-06-2	1,2-Dichloroethane	10	U	10	2.4
78-93-3	2-Butanone	50	U	50	8.2
71-55-6	1,1,1-Trichloroethane	10	U	10	2.5
56-23-5	Carbon tetrachloride	10	U	10	1.9
75-27-4	Bromodichloromethane	10	U	10	0.93
78-87-5	1,2-Dichloropropane	10	U	10	0.90
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.1
79-01-6	Trichloroethene	3200		10	1.8
124-48-1	Dibromochloromethane	10	U	10	1.1
79-00-5	1,1,2-Trichloroethane	10	U	10	1.0
71-43-2	Benzene	10	U	10	1.3
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.2
75-25-2	Bromoform	10	U	10	1.0
108-10-1	4-Methyl-2-pentanone	50	U	50	6.8
591-78-6	2-Hexanone	50	U	50	5.5
127-18-4	Tetrachloroethene	10	U	10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	0.90
108-88-3	Toluene	10	U	10	0.90
108-90-7	Chlorobenzene	10	U	10	1.6
100-41-4	Ethylbenzene	10	U	10	2.5
100-42-5	Styrene	10	U	10	1.3
1330-20-7	Xylenes, Total	30	U	30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: MW-34I Lab Sample ID: 460-35494-2

Matrix: Water Lab File ID: c64387.d

Analysis Method: 8260B Date Collected: 01/06/2012 11:35

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 14:01

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	101		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64387.d
Report Date: 11-Jan-2012 08:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64387.d
Lab Smp Id: 460-35494-B-2 Client Smp ID: MW-34I
Inj Date : 10-JAN-2012 14:01
Operator : Inst ID: VOAMS3.i
Smp Info : 460-35494-B-2;10
Misc Info : 460-35494-B-2
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 17
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.703	1.703	(0.299)	3676	1.37907	14
	15 1,1-Dichloroethene	96	2.744	2.750	(0.482)	3192	2.07159	21
	25 trans-1,2-Dichloroethene	96	3.443	3.437	(0.605)	828	0.47836	4.8(aH)
	36 cis-1,2-Dichloroethene	96	4.465	4.471	(0.785)	23501	11.7810	120
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	140668	57.7760	58
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	397376	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.073)	655140	319.734	3200
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	312624	48.0903	48
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	299426	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.919)	112312	50.4680	50
*	108 1,4-Dichlorobenzene-d4	152	10.403	10.403	(1.000)	151765	50.0000	
	109 1,4-Dichlorobenzene	146	10.421	10.415	(1.002)	644	0.15216	1.5(a)
M	120 1,2-Dichloroethene (Total)	100				24329	12.2593	120

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64387.d
Report Date: 11-Jan-2012 08:48

QC Flag Legend

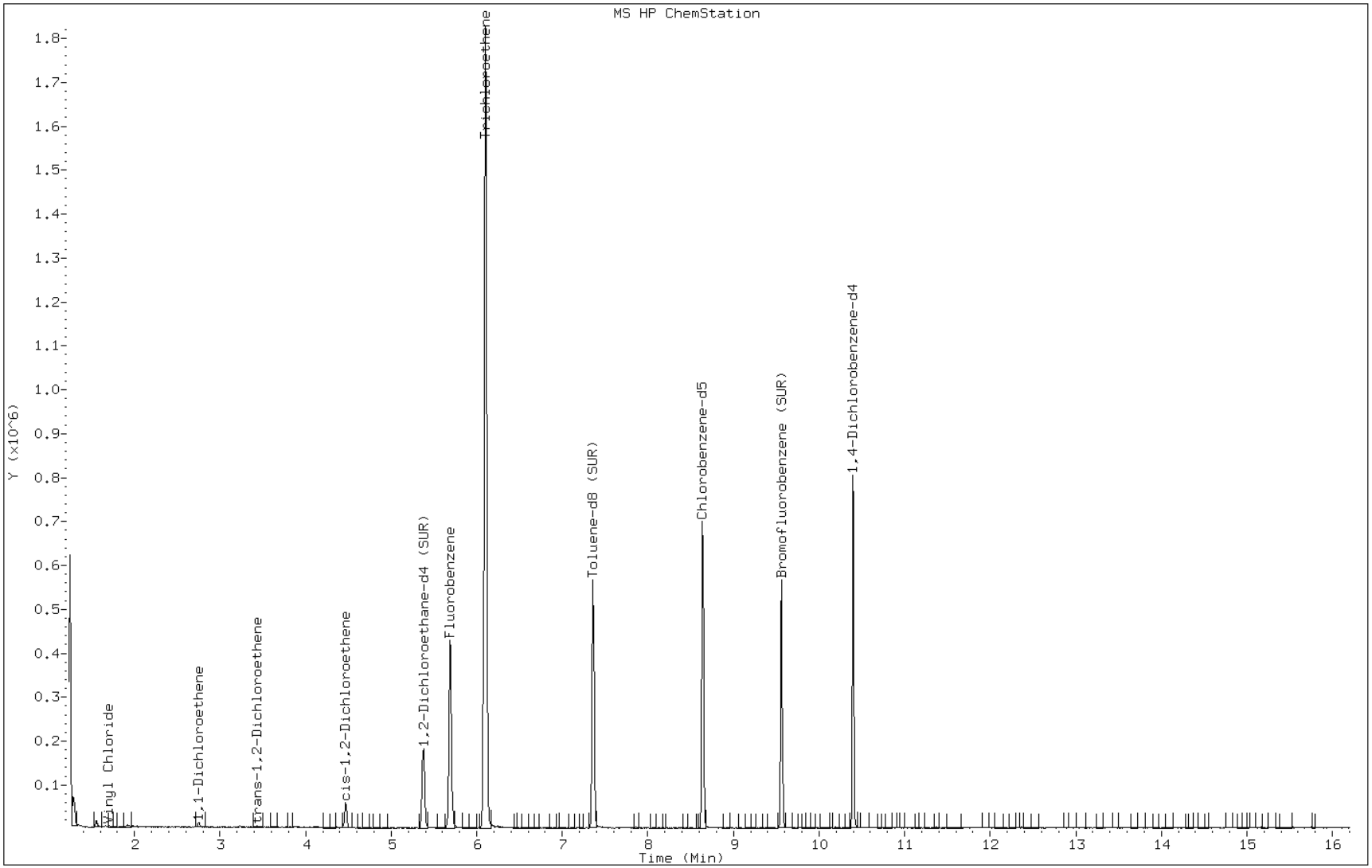
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: c64387.d

Date: 10-JAN-2012 14:01

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-35494-B-2;10 Operator:



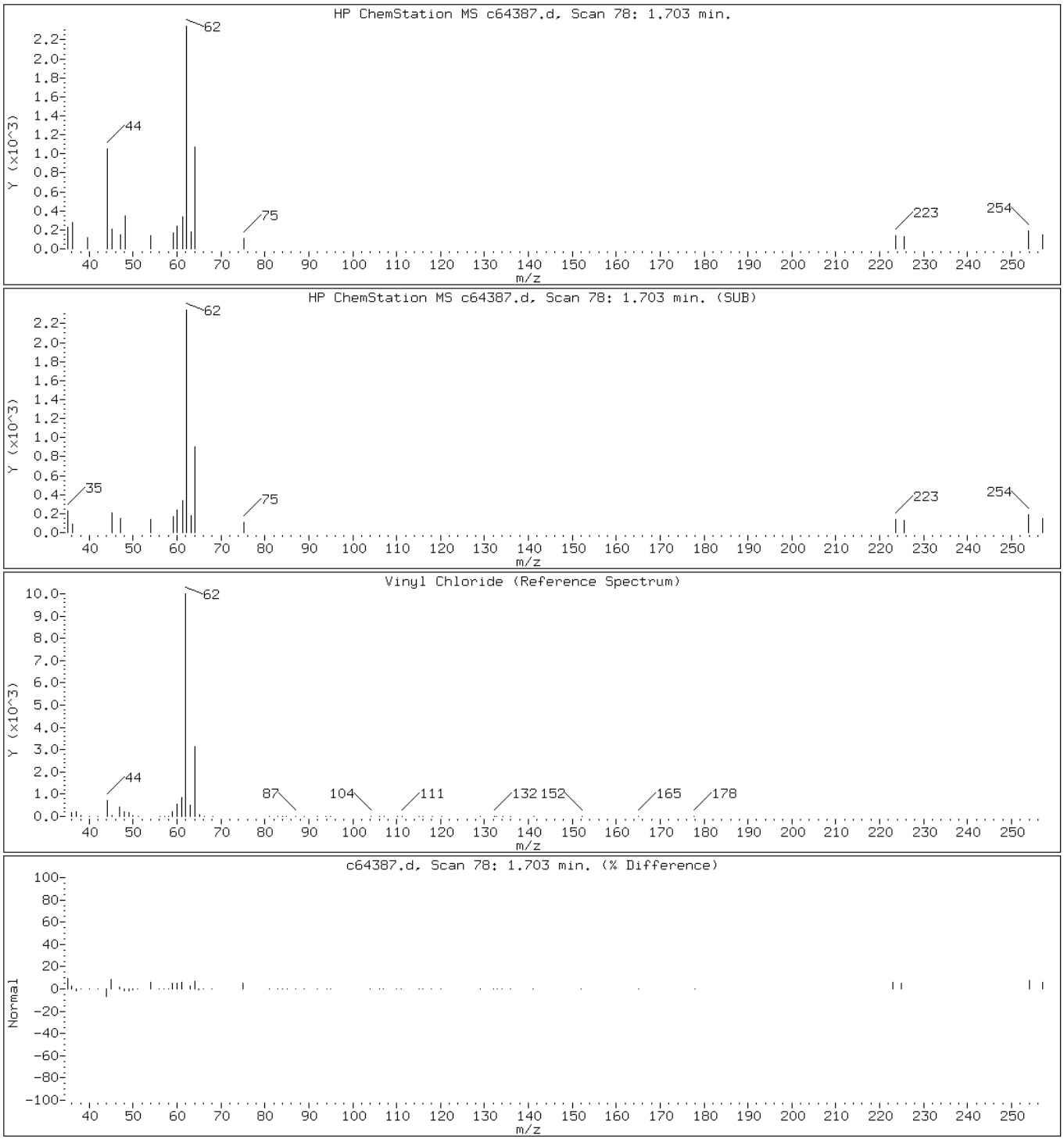
Data File: c64387.d

Date: 10-JAN-2012 14:01

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-35494-B-2;10 Operator:

4 Vinyl Chloride



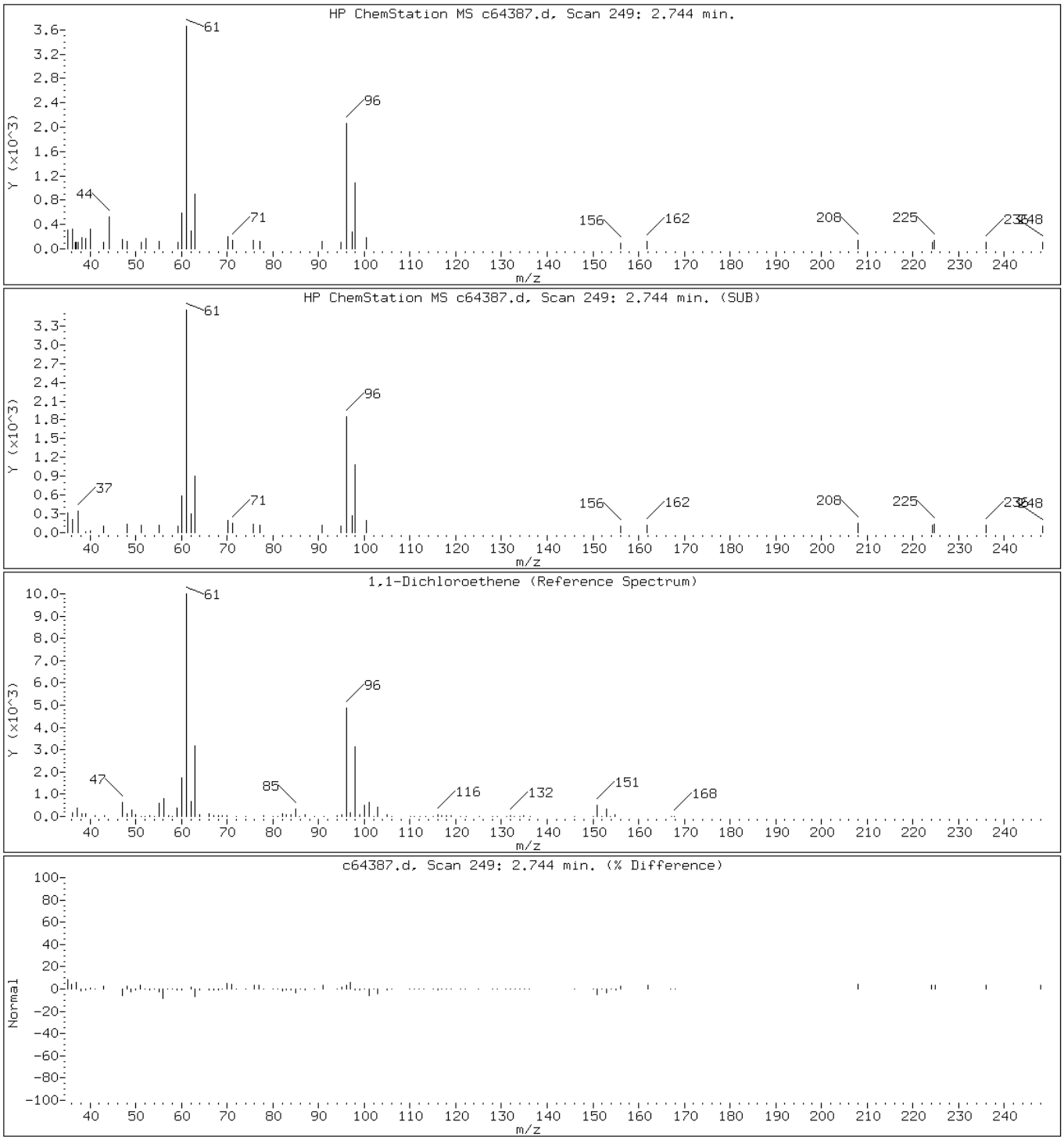
Data File: c64387.d

Date: 10-JAN-2012 14:01

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-35494-B-2;10 Operator:

15 1,1-Dichloroethene



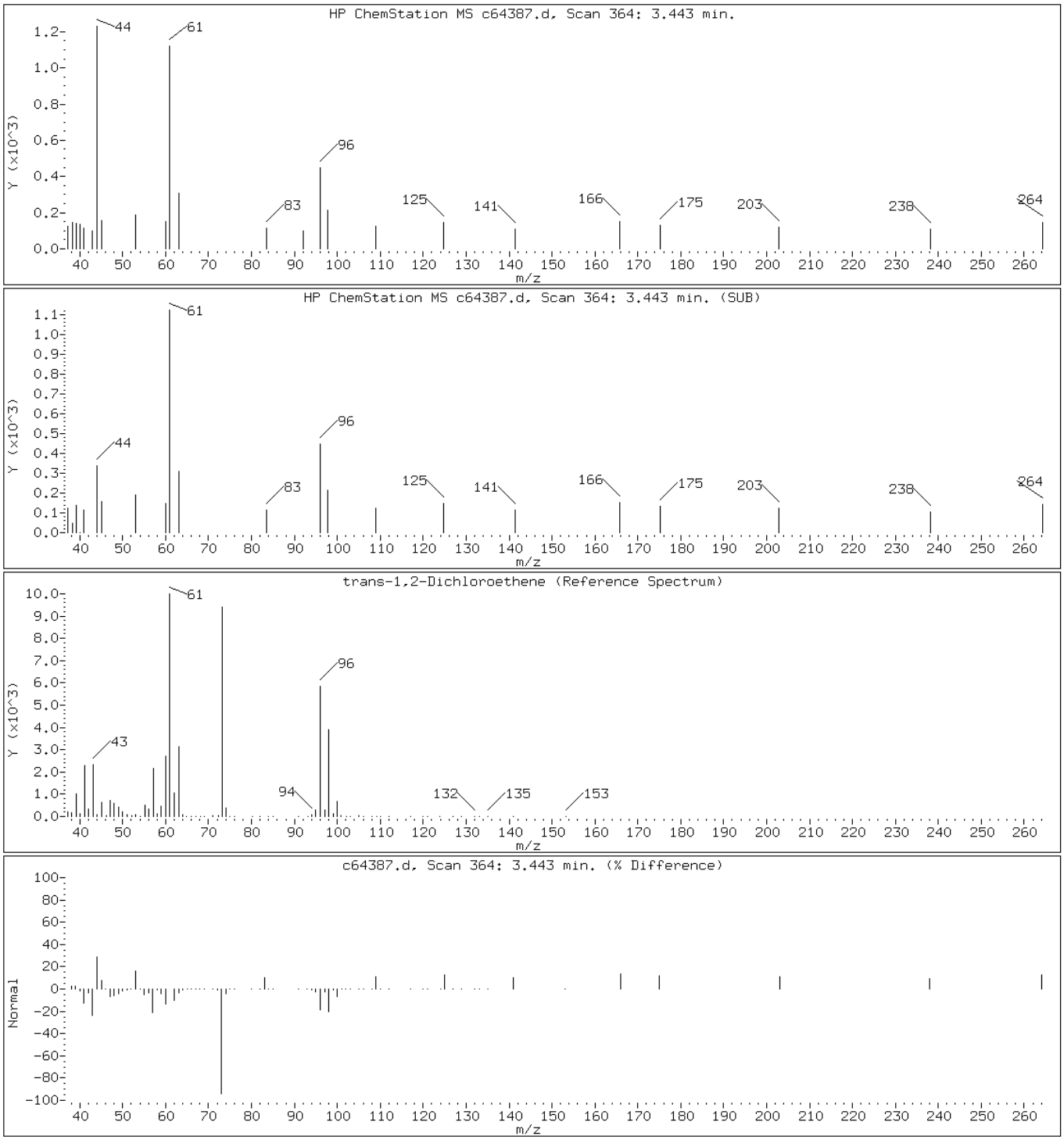
Data File: c64387.d

Date: 10-JAN-2012 14:01

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-35494-B-2;10 Operator:

25 trans-1,2-Dichloroethene



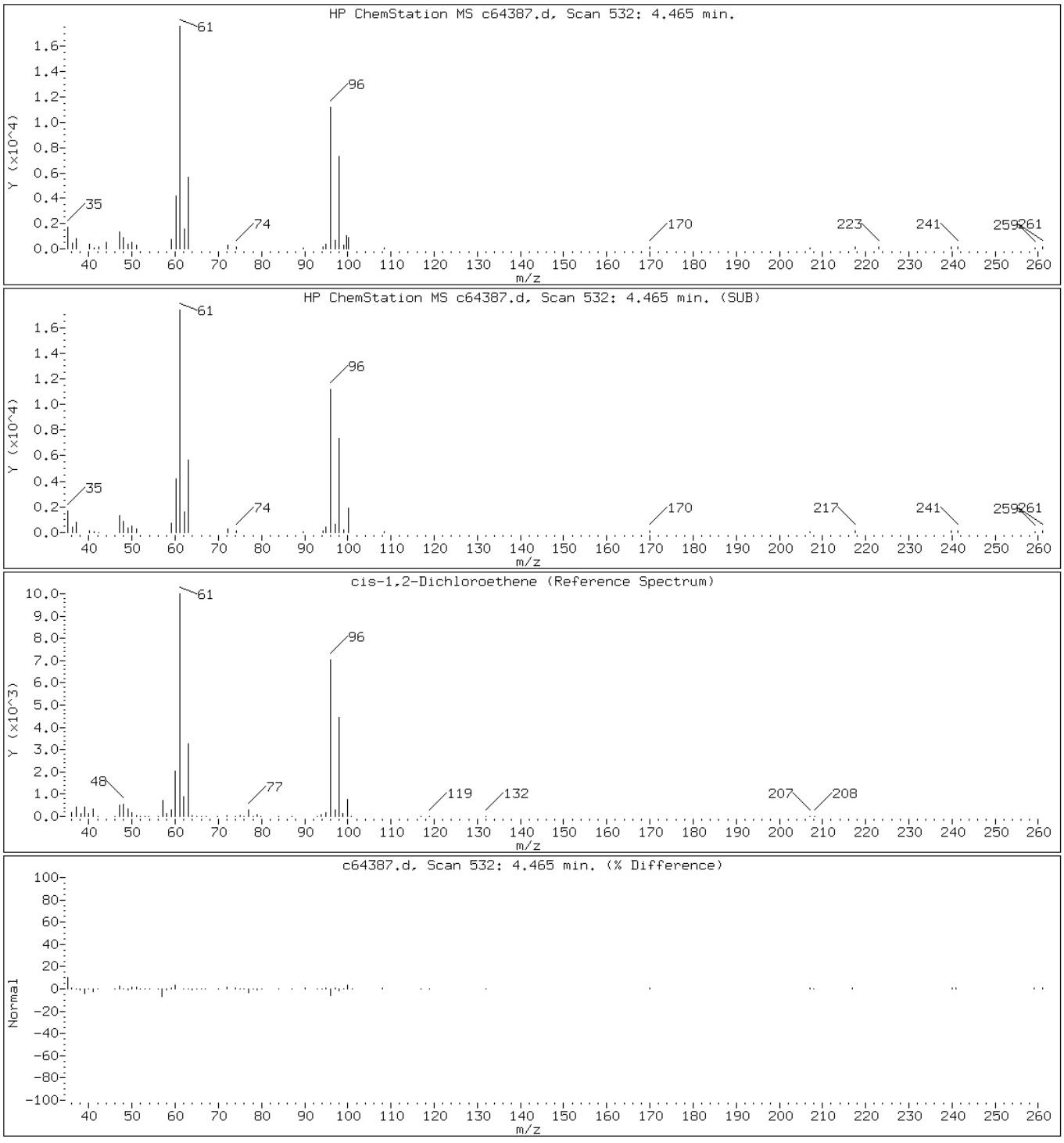
Data File: c64387.d

Date: 10-JAN-2012 14:01

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-35494-B-2;10 Operator:

36 cis-1,2-Dichloroethene



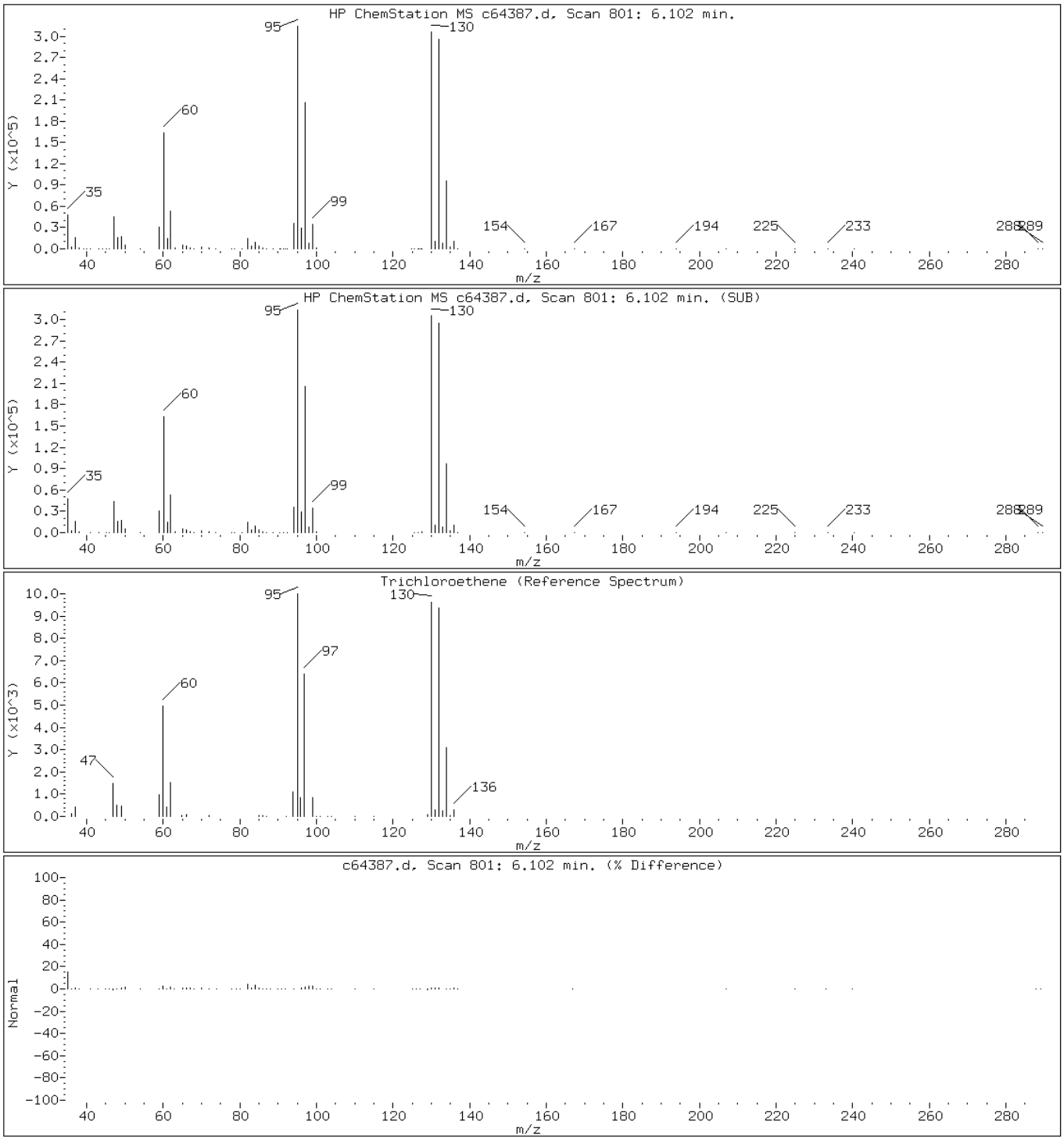
Data File: c64387.d

Date: 10-JAN-2012 14:01

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-35494-B-2;10 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: FB-010612 Lab Sample ID: 460-35494-3

Matrix: Water Lab File ID: c64375.d

Analysis Method: 8260B Date Collected: 01/06/2012 11:40

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 09:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	2.5		1.0	0.19
67-64-1	Acetone	5.0	U	5.0	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	0.20	J	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	5.0	U	5.0	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.68
591-78-6	2-Hexanone	5.0	U	5.0	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: FB-010612 Lab Sample ID: 460-35494-3

Matrix: Water Lab File ID: c64375.d

Analysis Method: 8260B Date Collected: 01/06/2012 11:40

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 09:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-122
2037-26-5	Toluene-d8 (Surr)	95		69-125
460-00-4	Bromofluorobenzene	104		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64375.d
Report Date: 10-Jan-2012 12:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64375.d
Lab Smp Id: 460-35494-A-3 Client Smp ID: FB-010612
Inj Date : 10-JAN-2012 09:22
Operator : Inst ID: VOAMS3.i
Smp Info : 460-35494-A-3
Misc Info : 460-35494-A-3
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	3.237	3.236	(0.569)	4816	2.51003	2.5
42 Chloroform	83	4.794	4.788	(0.843)	757	0.20081	0.20(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.372	5.378	(0.944)	148476	57.5212	58
* 52 Fluorobenzene	96	5.688	5.688	(1.000)	421291	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	329511	47.5606	48
* 78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	319115	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.564	9.563	(0.920)	120925	51.8706	52
* 108 1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	158985	50.0000	

QC Flag Legend

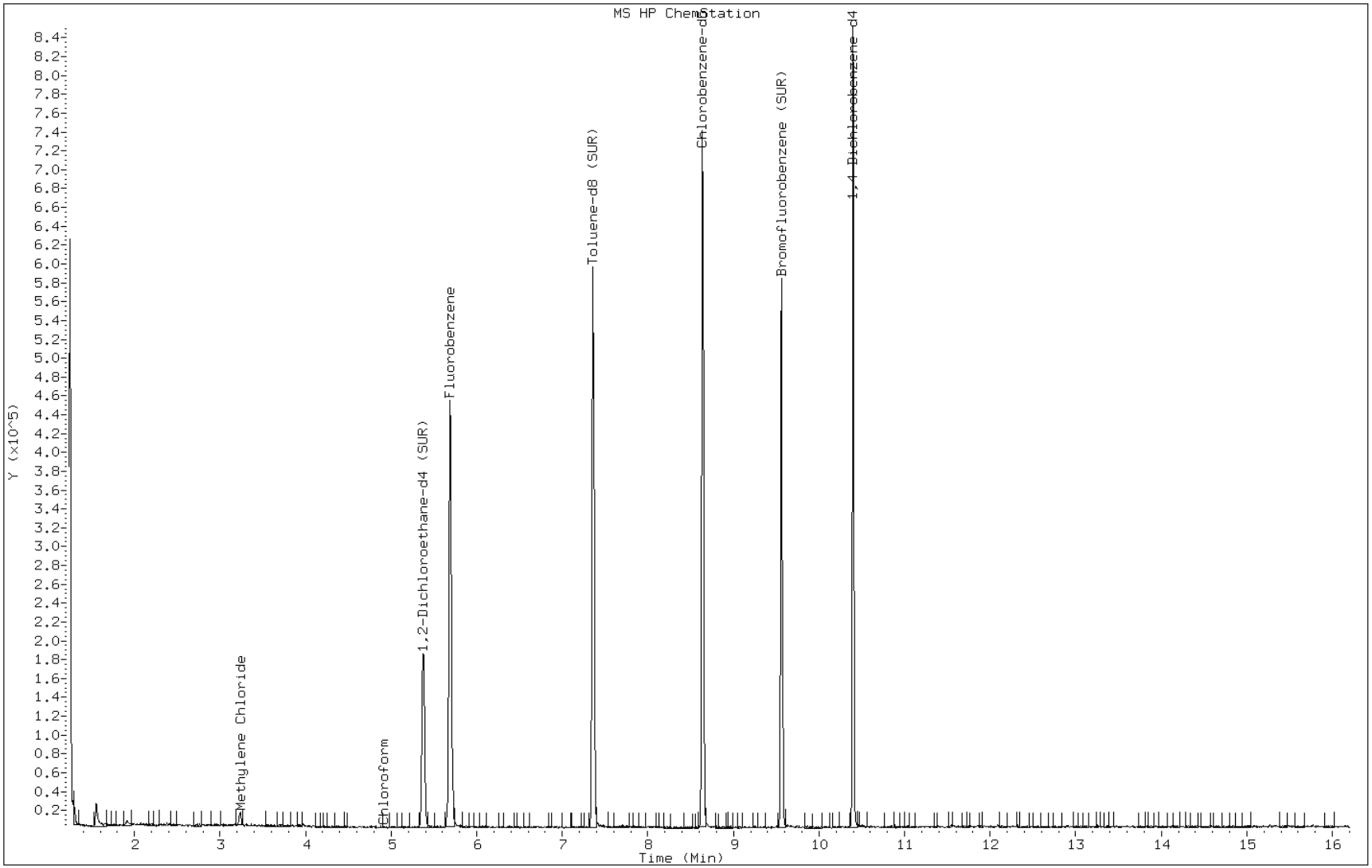
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c64375.d

Date: 10-JAN-2012 09:22

Client ID: FB-010612 Instrument: VOAMS3.i

Sample Info: 460-35494-A-3 Operator:



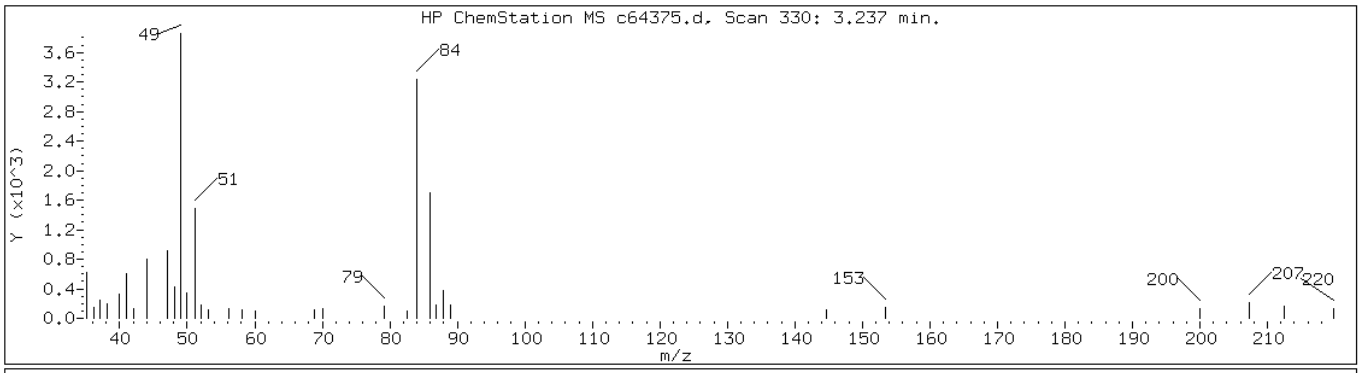
Data File: c64375.d

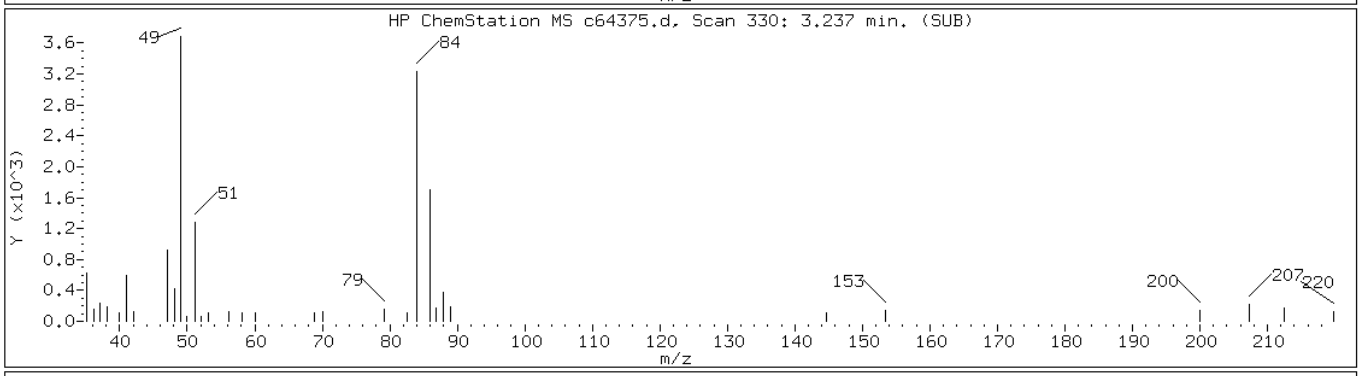
Date: 10-JAN-2012 09:22

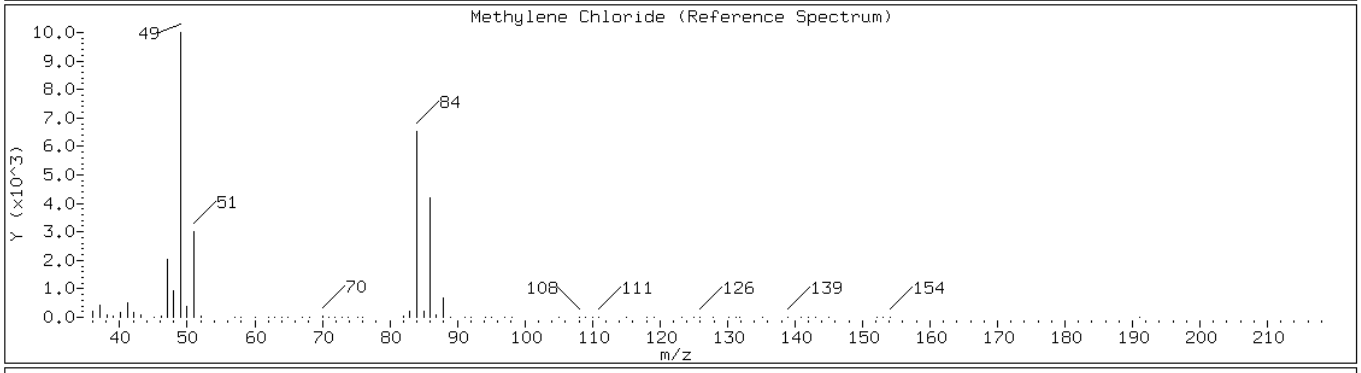
Client ID: FB-010612 Instrument: VOAMS3.i

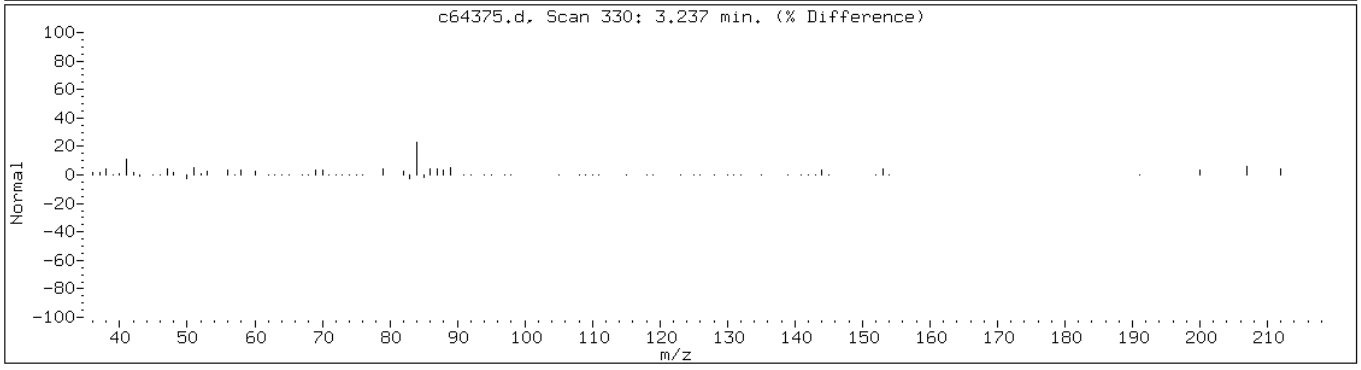
Sample Info: 460-35494-A-3 Operator:

22 Methylene Chloride









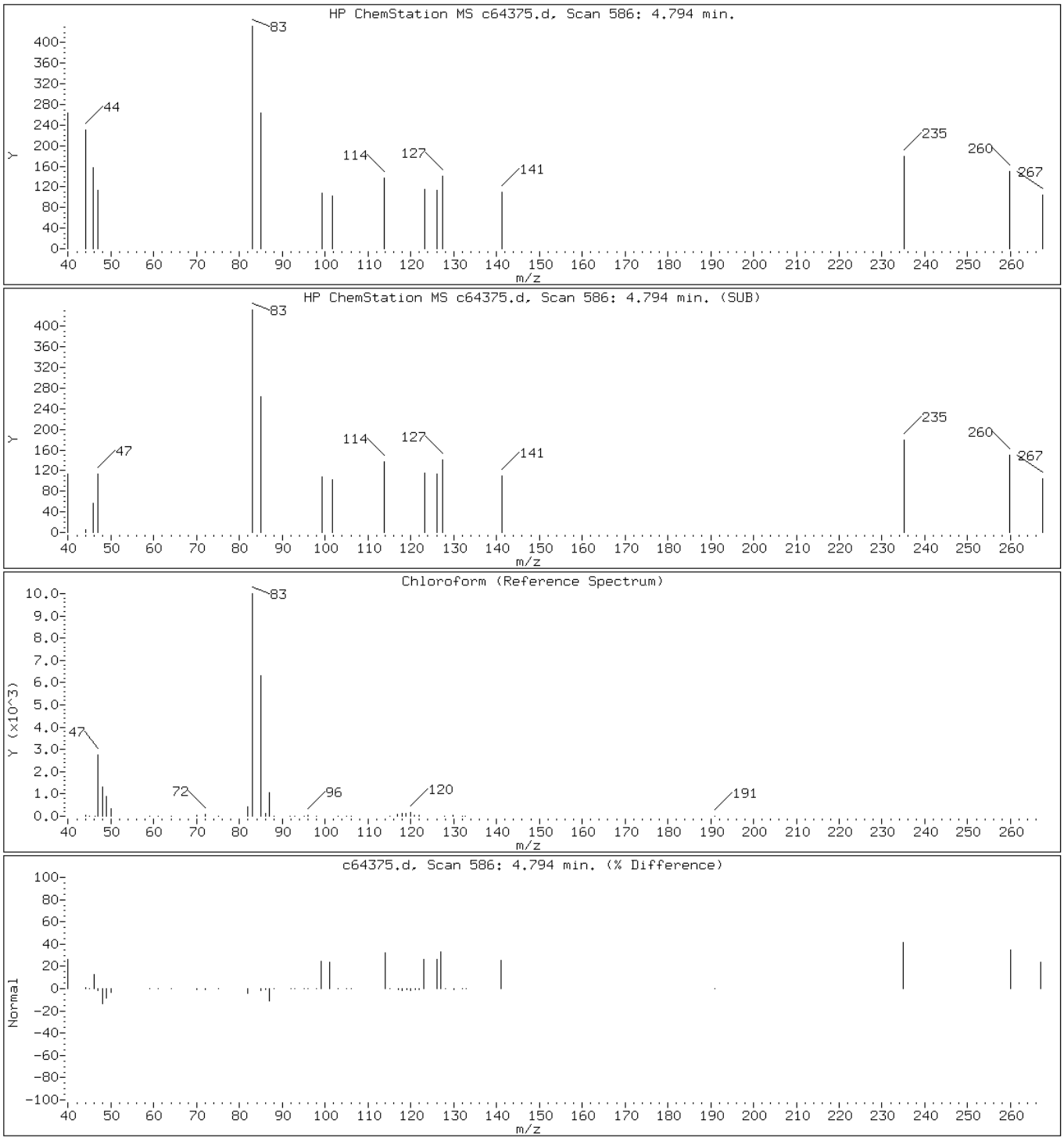
Data File: c64375.d

Date: 10-JAN-2012 09:22

Client ID: FB-010612 Instrument: VOAMS3.i

Sample Info: 460-35494-A-3 Operator:

42 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 460-35494-4

Matrix: Water Lab File ID: c64376.d

Analysis Method: 8260B Date Collected: 01/06/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 09:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	5.0	U	5.0	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	5.0	U	5.0	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.68
591-78-6	2-Hexanone	5.0	U	5.0	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 460-35494-4

Matrix: Water Lab File ID: c64376.d

Analysis Method: 8260B Date Collected: 01/06/2012 00:00

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 09:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	104		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64376.d
Report Date: 11-Jan-2012 11:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64376.d
Lab Smp Id: 460-35494-A-4 Client Smp ID: TRIP BLANK
Inj Date : 10-JAN-2012 09:44
Operator : Inst ID: VOAMS3.i
Smp Info : 460-35494-A-4
Misc Info : 460-35494-A-4
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	144557	57.0780	57
* 52 Fluorobenzene	96	5.688	5.688	(1.000)	413356	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	321983	47.8315	48
* 78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	310058	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	118698	52.2193	52
* 108 1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	155015	50.0000	

Data File: c64376.d

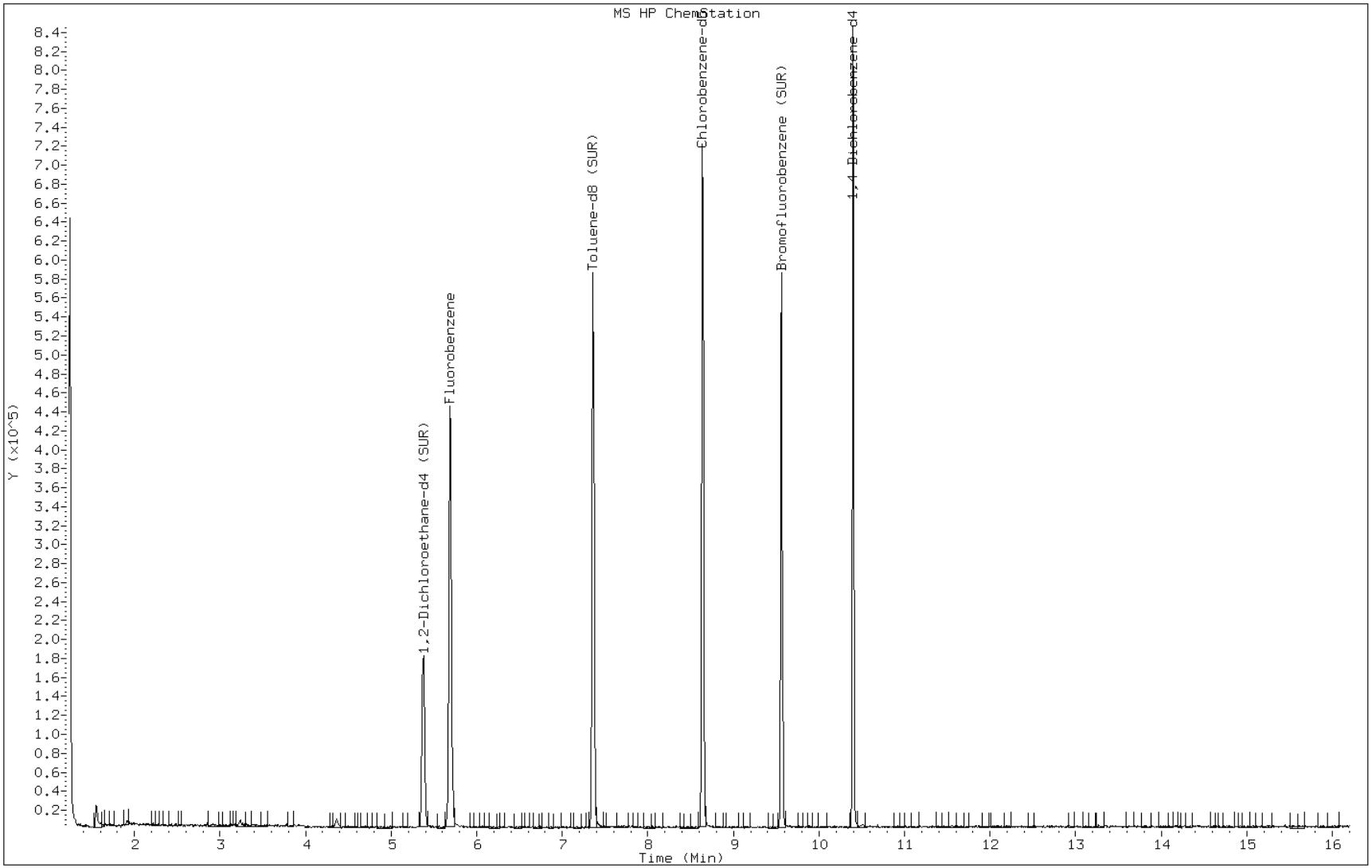
Date: 10-JAN-2012 09:44

Client ID: TRIP BLANK

Instrument: VOAMS3.i

Sample Info: 460-35494-A-4

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-35494-1

SDG No.:

Client Sample ID: DUP-010612 | Lab Sample ID: 460-35494-5

Matrix: Water | Lab File ID: c64388.d

Analysis Method: 8260B | Date Collected: 01/06/2012 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 01/10/2012 14:23

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 98481 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	10	U	10	2.1
74-83-9	Bromomethane	10	U	10	3.1
75-01-4	Vinyl chloride	4.0	J	10	1.3
75-00-3	Chloroethane	10	U	10	4.5
75-09-2	Methylene Chloride	10	U	10	1.9
67-64-1	Acetone	50	U	50	25
75-15-0	Carbon disulfide	10	U	10	1.5
75-35-4	1,1-Dichloroethene	7.1	J	10	1.4
75-34-3	1,1-Dichloroethane	10	U	10	1.0
156-60-5	trans-1,2-Dichloroethene	4.8	J	10	1.4
156-59-2	cis-1,2-Dichloroethene	180		10	2.0
67-66-3	Chloroform	10	U	10	1.5
107-06-2	1,2-Dichloroethane	10	U	10	2.4
78-93-3	2-Butanone	50	U	50	8.2
71-55-6	1,1,1-Trichloroethane	10	U	10	2.5
56-23-5	Carbon tetrachloride	10	U	10	1.9
75-27-4	Bromodichloromethane	10	U	10	0.93
78-87-5	1,2-Dichloropropane	10	U	10	0.90
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.1
79-01-6	Trichloroethene	2700		10	1.8
124-48-1	Dibromochloromethane	10	U	10	1.1
79-00-5	1,1,2-Trichloroethane	10	U	10	1.0
71-43-2	Benzene	10	U	10	1.3
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.2
75-25-2	Bromoform	10	U	10	1.0
108-10-1	4-Methyl-2-pentanone	50	U	50	6.8
591-78-6	2-Hexanone	50	U	50	5.5
127-18-4	Tetrachloroethene	10	U	10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	0.90
108-88-3	Toluene	10	U	10	0.90
108-90-7	Chlorobenzene	10	U	10	1.6
100-41-4	Ethylbenzene	10	U	10	2.5
100-42-5	Styrene	10	U	10	1.3
1330-20-7	Xylenes, Total	30	U	30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: DUP-010612 Lab Sample ID: 460-35494-5

Matrix: Water Lab File ID: c64388.d

Analysis Method: 8260B Date Collected: 01/06/2012 12:00

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 14:23

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		70-122
2037-26-5	Toluene-d8 (Surr)	97		69-125
460-00-4	Bromofluorobenzene	104		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64388.d
Report Date: 11-Jan-2012 08:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64388.d
Lab Smp Id: 460-35494-B-5 Client Smp ID: DUP-010612
Inj Date : 10-JAN-2012 14:23
Operator : Inst ID: VOAMS3.i
Smp Info : 460-35494-B-5;10
Misc Info : 460-35494-B-5
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 18
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
4	Vinyl Chloride	62	1.704	1.703	(0.299)	1069	0.39809	4.0(a)
15	1,1-Dichloroethene	96	2.756	2.750	(0.484)	1100	0.70864	7.1(a)
25	trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	843	0.48344	4.8(a)
36	cis-1,2-Dichloroethene	96	4.472	4.471	(0.786)	37097	18.4597	180
$ 47	1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	141267	57.5949	58
* 52	Fluorobenzene	96	5.688	5.688	(1.000)	400323	50.0000	
54	Trichloroethene	95	6.102	6.096	(1.073)	550124	266.506	2700
$ 65	Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	316591	48.7125	49
* 78	Chlorobenzene-d5	117	8.639	8.639	(1.000)	299352	50.0000	
$ 89	Bromofluorobenzene (SUR)	174	9.564	9.563	(0.920)	112391	52.0963	52
* 108	1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	147125	50.0000	
M 120	1,2-Dichloroethene (Total)	100				37940	18.9431	190

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64388.d
Report Date: 11-Jan-2012 08:49

QC Flag Legend

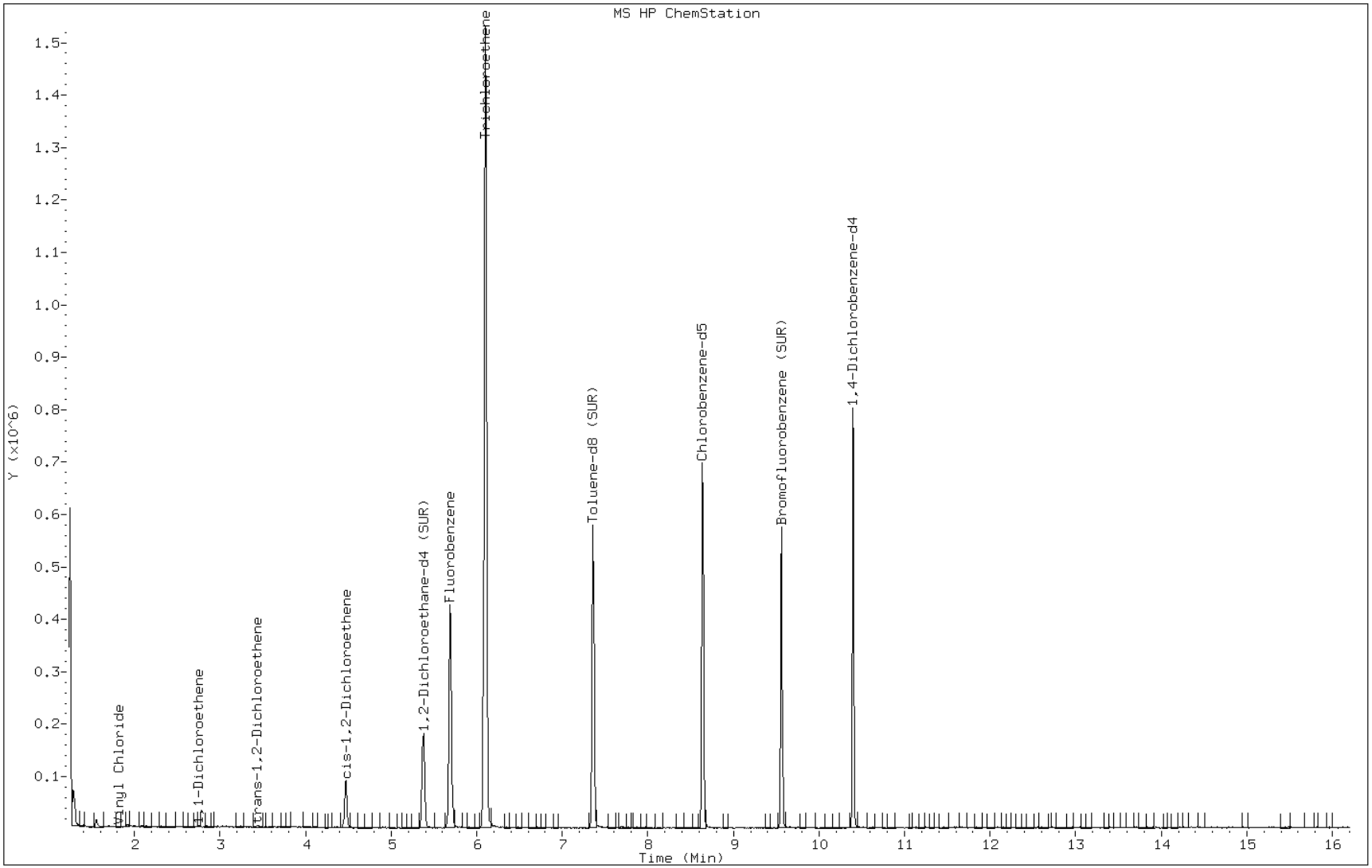
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c64388.d

Date: 10-JAN-2012 14:23

Client ID: DUP-010612 Instrument: VOAMS3.i

Sample Info: 460-35494-B-5;10 Operator:



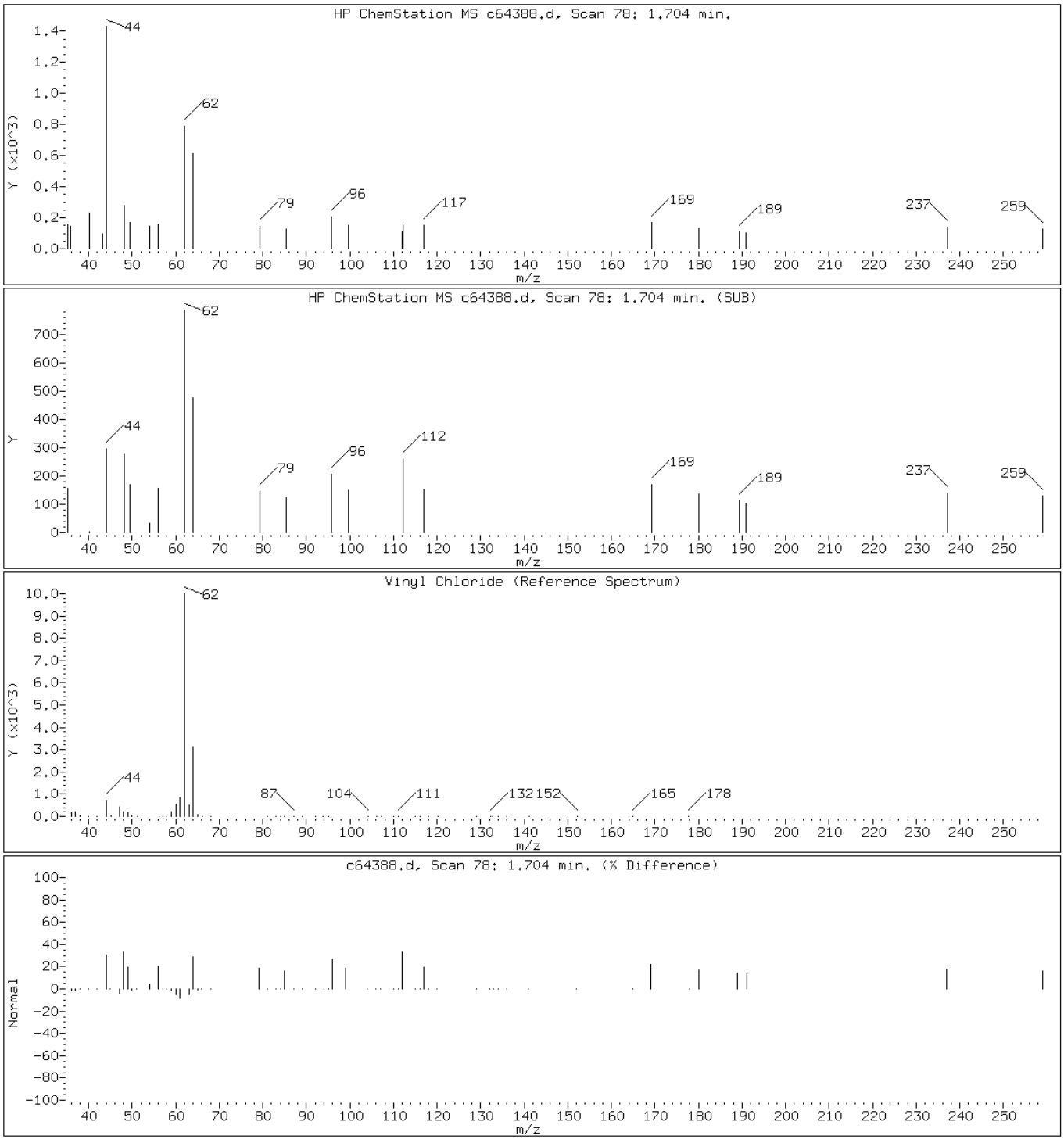
Data File: c64388.d

Date: 10-JAN-2012 14:23

Client ID: DUP-010612 Instrument: VOAMS3.i

Sample Info: 460-35494-B-5;10 Operator:

4 Vinyl Chloride



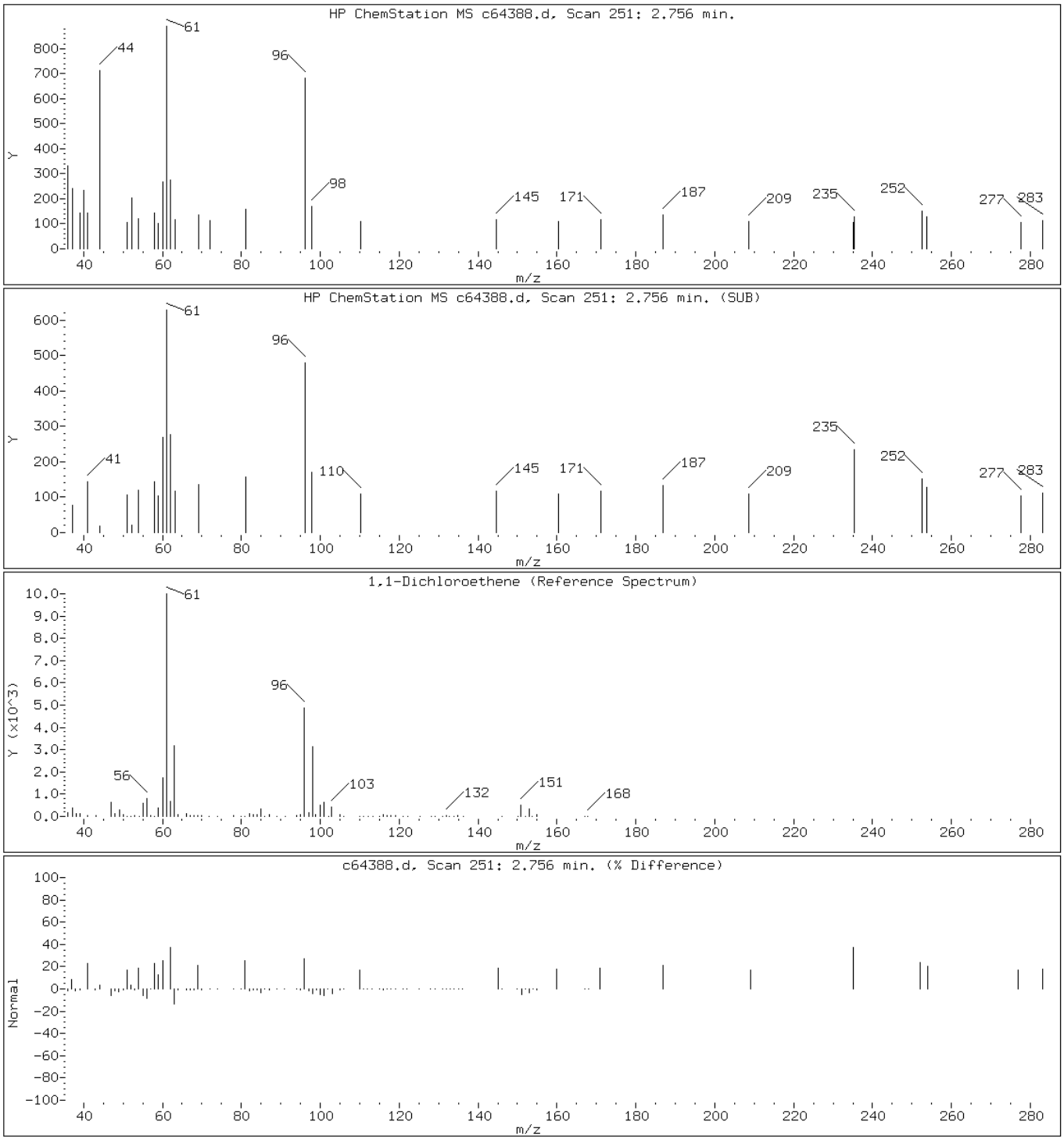
Data File: c64388.d

Date: 10-JAN-2012 14:23

Client ID: DUP-010612 Instrument: VOAMS3.i

Sample Info: 460-35494-B-5;10 Operator:

15 1,1-Dichloroethene



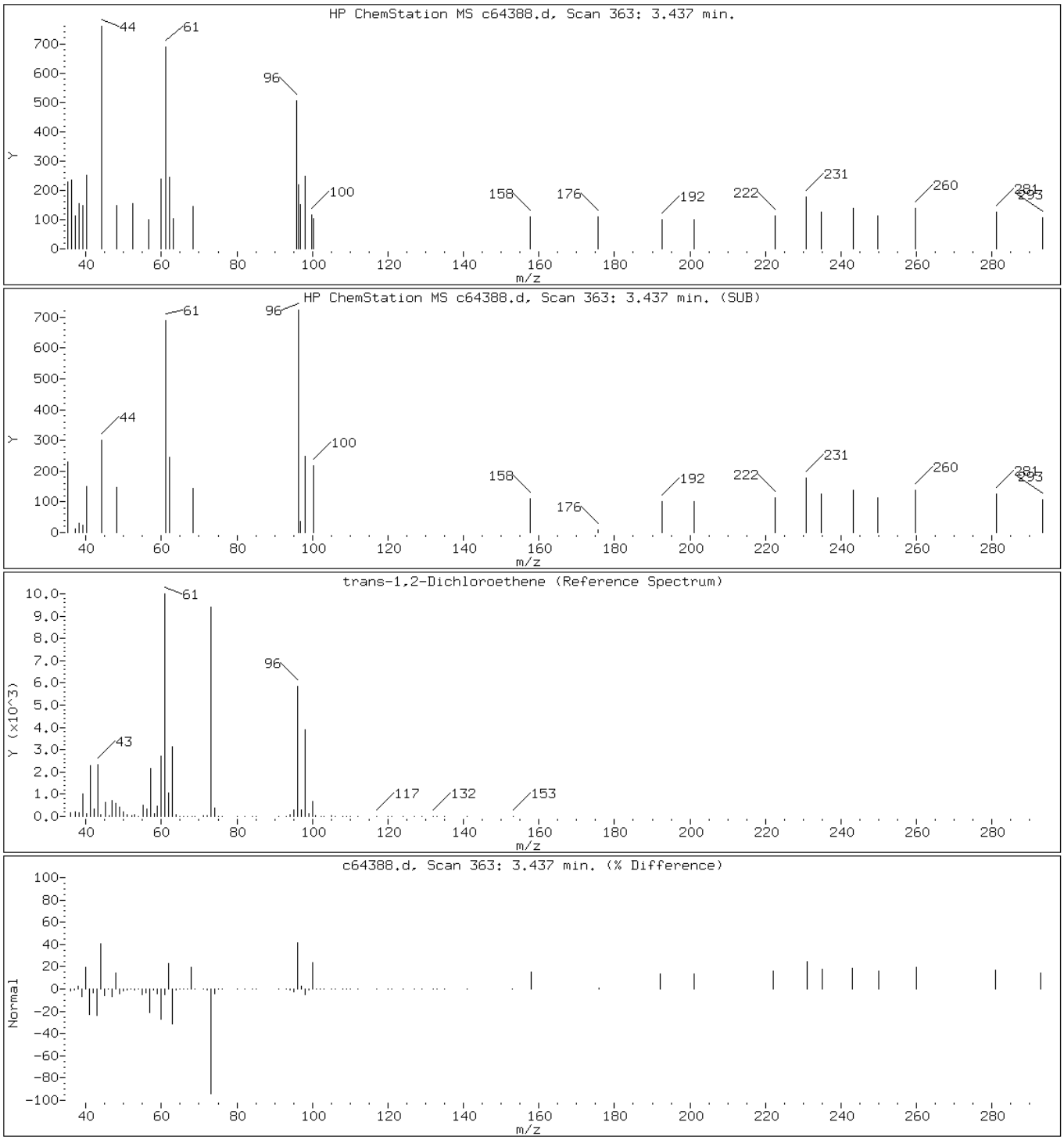
Data File: c64388.d

Date: 10-JAN-2012 14:23

Client ID: DUP-010612 Instrument: VOAMS3.i

Sample Info: 460-35494-B-5;10 Operator:

25 trans-1,2-Dichloroethene



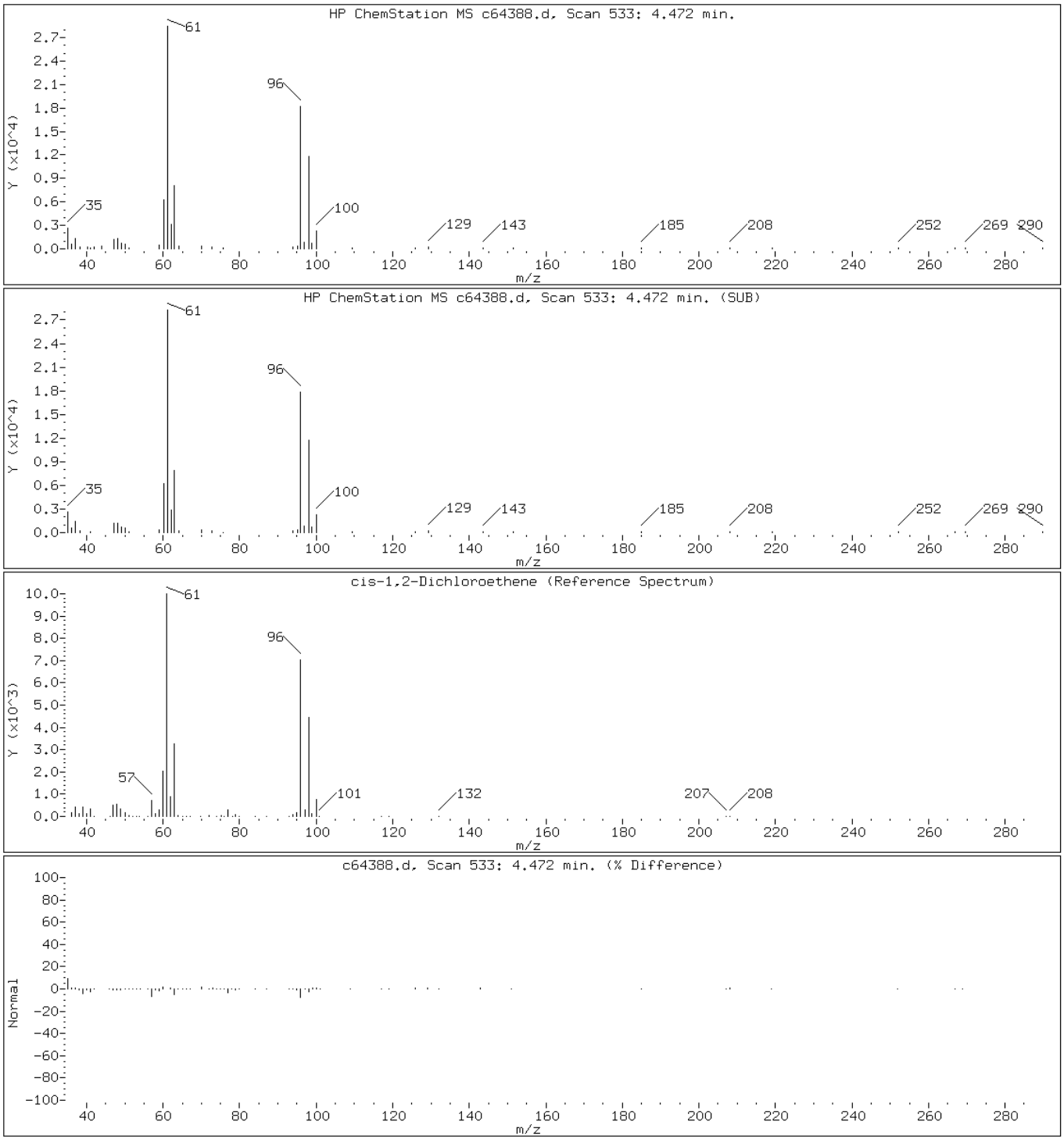
Data File: c64388.d

Date: 10-JAN-2012 14:23

Client ID: DUP-010612 Instrument: VOAMS3.i

Sample Info: 460-35494-B-5;10 Operator:

36 cis-1,2-Dichloroethene



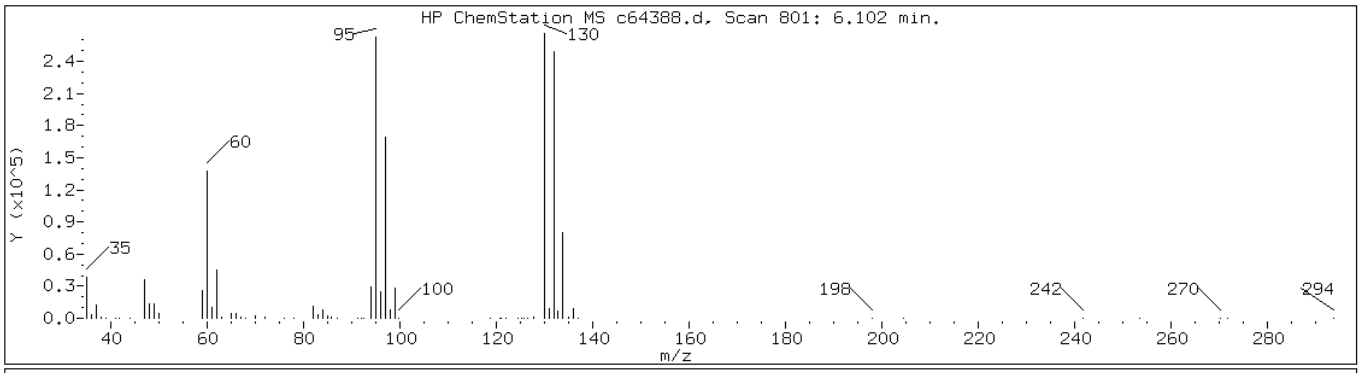
Data File: c64388.d

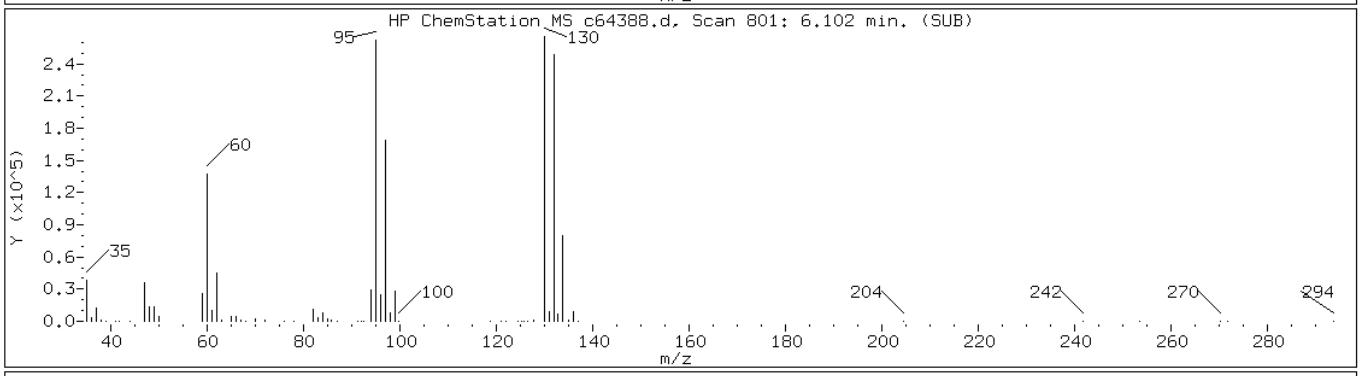
Date: 10-JAN-2012 14:23

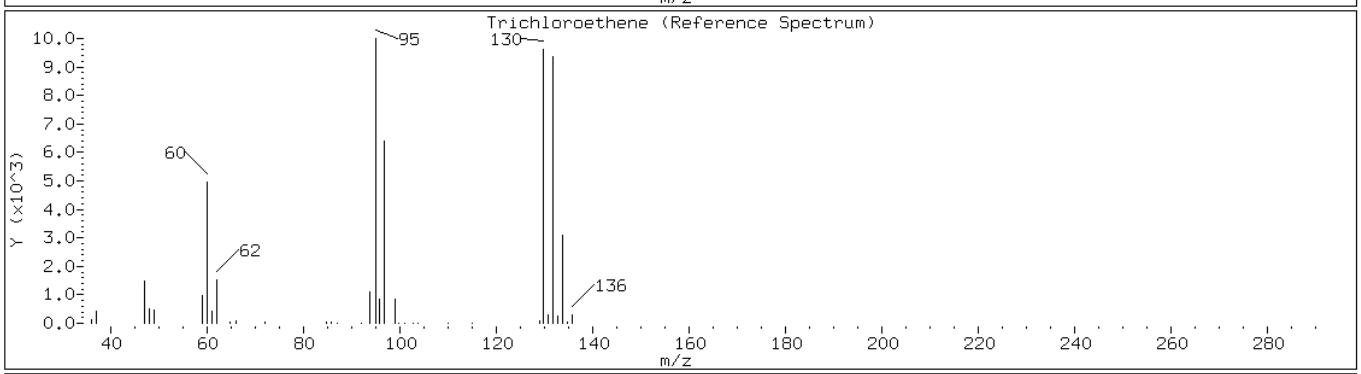
Client ID: DUP-010612 Instrument: VOAMS3.i

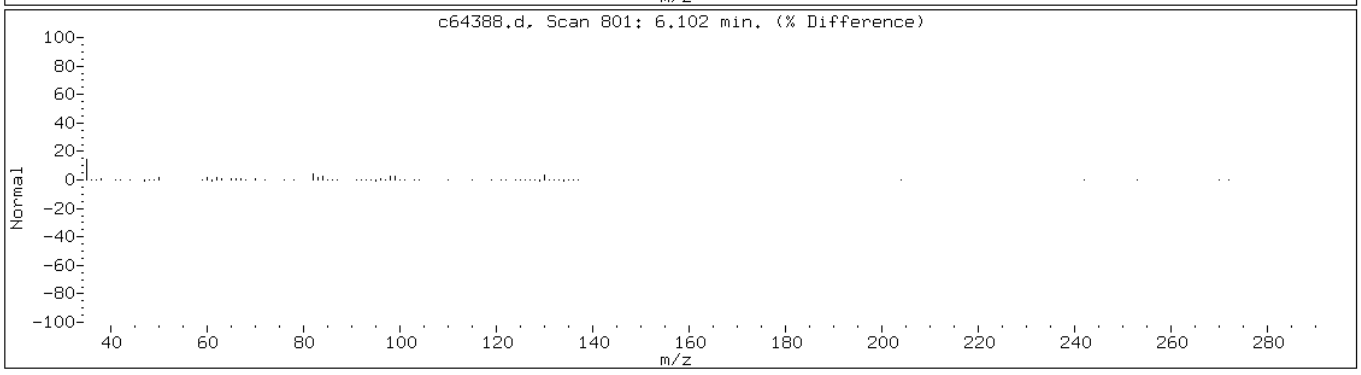
Sample Info: 460-35494-B-5;10 Operator:

54 Trichloroethene









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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-97095/3	c63887.d
Level 2	IC 460-97095/7	c63896.d
Level 3	ICIS 460-97095/2	c63883.d
Level 4	IC 460-97095/4	c63890.d
Level 5	IC 460-97095/5	c63891.d
Level 6	IC 460-97095/6	c63892.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2928 0.2821	0.3033	0.2858	0.2627	0.3011	Ave		0.2880				5.2		15.0			
Chloromethane	0.4673 0.3137	0.3592	0.3502	0.3062	0.3459	LinF		0.3185							0.9981		0.9900
Vinyl chloride	0.3438 0.3386	0.3270	0.3513	0.2997	0.3520	Ave		0.3354				5.9		30.0			
Bromomethane	0.1137 0.1514	0.1358	0.0949	0.0824	0.1060	QuaF		10.645	-2.669						0.9997		0.9900
Chloroethane	0.2796 0.2004	0.2407	0.2389	0.1872	0.2092	Ave		0.2260				14.9		15.0			
Trichlorofluoromethane	0.4890 0.4152	0.4261	0.4199	0.3869	0.4244	Ave		0.4269				7.9		15.0			
Ethanol	0.0014 0.0019	0.0013	0.0014	0.0013	0.0017	QuaF		852.64	-1456						0.9901		0.9900
Ethyl ether	0.2558 0.2391	0.2145	0.2207	0.2140	0.2453	Ave		0.2316				7.6		15.0			
Isopropene	0.3807 0.3609	0.3187	0.2724	0.3283	0.3707	Ave		0.3386				11.9		15.0			
Freon TF	0.2173 0.2157	0.1872	0.1616	0.2042	0.2157	Ave		0.2003				11.0		15.0			
Acrolein	0.0822 0.0558	0.0630	0.0482	0.0529	0.0554	LinF		0.0556							0.9994		0.9900
1,1-Dichloroethene	0.2059 0.2050	0.1858	0.1577	0.2056	0.2033	Ave		0.1939				10.0		30.0			
Acetone	0.1627 0.0868	0.1093	0.1032	0.0838	0.0921	LinF		0.0876							0.9991		0.9900
Carbon disulfide	0.6444 0.6016	0.6129	0.5486	0.5642	0.6146	Ave		0.5977				5.9		15.0			
Methyl acetate	0.3768 0.3273	0.3158	0.3232	0.3315	0.3496	Ave		0.3374				6.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0119 0.0076	0.0081	0.0075	0.0077	0.0082	LinF		0.0077							0.9991		0.9900
Methylene Chloride	0.3282 0.2274	0.2248	0.2337	0.2442	0.2285	LinF		0.2277							0.9999		0.9900
TBA	0.0248 0.0244	0.0206	0.0235	0.0220	0.0247	Ave		0.0233				7.2		15.0			
MTBE	0.6891 0.7028	0.6462	0.6889	0.6856	0.7335	Ave		0.6910				4.1		15.0			
trans-1,2-Dichloroethene	0.2473 0.2108	0.2101	0.2023	0.2214	0.2149	Ave		0.2178				7.2		15.0			
Acrylonitrile	0.1038 0.0990	0.1046	0.1009	0.1028	0.1067	Ave		0.1030				2.7		15.0			
Hexane	0.2069 0.1856	0.1748	0.1509	0.1894	0.1998	Ave		0.1846				10.8		15.0			
DIPE	1.1038 0.9268	0.8449	0.9559	0.9937	1.0625	Ave		0.9813				9.6		15.0			
1,1-Dichloroethane	0.4974 0.4338	0.4364	0.4648	0.5006	0.4697	Ave		0.4671			0.1000	6.1		15.0			
Vinyl acetate	0.6175 0.3406	0.4578	0.3542	0.3720	0.3707	LinF		0.3454							0.9985		0.9900
Tert-butyl ethyl ether	0.7782 0.7752	0.7120	0.7735	0.7853	0.8449	Ave		0.7782				5.4		15.0			
2,2-Dichloropropane	0.4227 0.3482	0.3647	0.3407	0.4036	0.3835	Ave		0.3772				8.5		15.0			
cis-1,2-Dichloroethene	0.2392 0.2463	0.2470	0.2425	0.2685	0.2625	Ave		0.2510				4.7		15.0			
2-Butanone	0.0358 0.0312	0.0288	0.0338	0.0295	0.0321	Ave		0.0319				8.3		15.0			
Ethyl acetate	0.0292 0.0265	0.0275	0.0235	0.0249	0.0277	Ave		0.0265				7.8		15.0			
Bromochloromethane	0.1502 0.1126	0.1247	0.1199	0.1260	0.1178	Ave		0.1252				10.5		15.0			
Tetrahydrofuran	0.0809 0.0841	0.0886	0.0832	0.0799	0.0908	Ave		0.0846				5.1		15.0			
Chloroform	0.4733 0.4205	0.4161	0.4319	0.4854	0.4571	Ave		0.4474				6.4		30.0			
Cyclohexane	0.3858 0.4560	0.3885	0.3673	0.4494	0.4913	Ave		0.4231				11.6		15.0			
1,1,1-Trichloroethane	0.4062 0.3904	0.3764	0.3703	0.4269	0.4212	Ave		0.3986				5.9		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.3482 0.3411	0.3052	0.2929	0.3694	0.3686	Ave		0.3376				9.5		15.0			
1,1-Dichloropropene	0.3501 0.3488	0.3239	0.3162	0.3839	0.3713	Ave		0.3490				7.5		15.0			
Benzene	1.3468 1.1742	1.2274	1.3025	1.4147	1.2317	Ave		1.2829				6.9		15.0			
Tert-amyl methyl ether	0.5780 0.7259	0.5853	0.6558	0.6971	0.7863	Ave		0.6714				12.1		15.0			
Isopropyl acetate	0.6410 0.6710	0.5540	0.6270	0.6872	0.7594	Ave		0.6566				10.4		15.0			
1,2-Dichloroethane	0.4166 0.3452	0.3409	0.3720	0.4026	0.3853	Ave		0.3771				8.1		15.0			
n-Heptane	0.1858 0.1927	0.1555	0.1452	0.1984	0.2107	Ave		0.1814				14.1		15.0			
n-Butanol	0.0048 0.0053	0.0048	0.0050	0.0046	0.0055	Ave		0.0050				7.0		15.0			
Trichloroethene	0.2909 0.2507	0.2310	0.2381	0.2690	0.2672	Ave		0.2578				8.6		15.0			
Methylcyclohexane	0.3550 0.4198	0.3595	0.3193	0.4074	0.4447	Ave		0.3843				12.3		15.0			
Ethyl acrylate	0.6719 0.7189	0.6230	0.5749	0.6993	0.7746	Ave		0.6771				10.5		15.0			
1,2-Dichloropropane	0.2909 0.2855	0.2501	0.2868	0.3138	0.3088	Ave		0.2893				7.8		30.0			
Methyl methacrylate	0.0436 0.0661	0.0558	0.0544	0.0576	0.0686	LinF		0.0664							0.9994		0.9900
1,4-Dioxane	0.0025 +++++	0.0022	0.0026	0.0025	0.0032	Ave		0.0026				14.3		15.0			
Dibromomethane	0.1378 0.1522	0.1431	0.1543	0.1711	0.1712	Ave		0.1550				9.0		15.0			
Propyl acetate	0.3733 0.4343	0.3495	0.3896	0.4304	0.4891	Ave		0.4110				12.3		15.0			
Bromodichloromethane	0.3905 0.3560	0.3448	0.3497	0.3802	0.3840	Ave		0.3675				5.3		15.0			
2-Chloroethyl vinyl ether	0.1496 0.1761	0.1088	0.1268	0.1543	0.1852	LinF		0.1772							0.9991		0.9900
Epichlorohydrin	0.0301 0.0301	0.0235	0.0289	0.0298	0.0311	Ave		0.0289				9.5		15.0			
cis-1,3-Dichloropropene	0.5082 0.5454	0.4403	0.5398	0.5955	0.5575	Ave		0.5311				9.9		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Methyl-2-pentanone	0.3472 0.3578	0.2999	0.3295	0.3481	0.3723	Ave		0.3425				7.3		15.0			
Toluene	1.7270 1.3046	1.3641	1.3363	1.5469	1.3915	Ave		1.4451				11.2		30.0			
trans-1,3-Dichloropropene	0.4488 0.5055	0.4091	0.4900	0.5446	0.5174	Ave		0.4859				10.1		15.0			
1,1,2-Trichloroethane	0.2904 0.2591	0.2404	0.2558	0.2851	0.2593	Ave		0.2650				7.2		15.0			
Tetrachloroethene	0.3496 0.3626	0.3208	0.3187	0.3866	0.3672	Ave		0.3509				7.7		15.0			
1,3-Dichloropropane	0.6171 0.5296	0.4726	0.5472	0.5835	0.5497	Ave		0.5499				8.9		15.0			
2-Hexanone	0.2395 0.2525	0.2037	0.2243	0.2354	0.2594	Ave		0.2358				8.5		15.0			
Butyl acetate	0.0738 0.0956	0.0610	0.0795	0.0853	0.0951	LinF		0.0954							0.9998		0.9900
Dibromochloromethane	0.3359 0.3530	0.2873	0.3360	0.3708	0.3588	Ave		0.3403				8.6		15.0			
1,2-Dibromoethane	0.2980 0.2984	0.2696	0.2994	0.3223	0.3030	Ave		0.2985				5.6		15.0			
Chlorobenzene	0.9473 0.8608	0.8362	0.8789	0.9687	0.9033	Ave		0.8992			0.3000	5.7		15.0			
Ethylbenzene	0.4217 0.5061	0.4007	0.4450	0.5377	0.5134	Ave		0.4707				11.8		30.0			
1,1,1,2-Tetrachloroethane	0.3252 0.3391	0.3049	0.3150	0.3549	0.3429	Ave		0.3303				5.7		15.0			
m&p-Xylene	0.5290 0.5993	0.4813	0.5641	0.6731	0.6391	Ave		0.5810				12.2		15.0			
Butyl acrylate	0.1706 0.2724	0.1563	0.2195	0.2375	0.2726	LinF		0.2721							0.9997		0.9900
o-Xylene	0.4971 0.6016	0.5081	0.5666	0.6594	0.6289	Ave		0.5770				11.3		15.0			
Styrene	0.8204 1.0185	0.8262	0.9776	1.1524	1.0878	Ave		0.9805				13.8		15.0			
Bromoform	0.2382 0.2468	0.1909	0.2229	0.2476	0.2443	Ave		0.2318			0.1000	9.5		15.0			
Isopropylbenzene	1.2094 1.4571	1.2244	1.3154	1.7340	1.6593	LinF		1.4905							0.9963		0.9900
Camphene, Total	0.1653 0.1398	0.1328	0.1203	0.1480	0.1564	Ave		0.1437				11.3		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monobromobenzene	0.7433 0.6221	0.6133	0.6717	0.7227	0.6831	Ave		0.6760				7.7		15.0			
1,1,2,2-Tetrachloroethane	0.7142 0.5974	0.6229	0.6495	0.7019	0.6485	Ave		0.6557			0.3000	6.9		15.0			
N-Propylbenzene	3.1139 2.5566	2.8767	2.8056	3.4258	3.2096	Ave		2.9980				10.4		15.0			
1,2,3-Trichloropropane	0.2054 0.1797	0.1749	0.2102	0.2114	0.1979	Ave		0.1966				8.0		15.0			
trans-1,4-Dichloro-2-butene	0.1947 0.1603	0.0981	0.1118	0.1295	0.1644	LinF		0.1606							0.9992		0.9900
2-Chlorotoluene	1.7433 1.6089	1.6680	1.8093	1.9939	1.9039	Ave		1.7879				8.1		15.0			
1,3,5-Trimethylbenzene	1.8593 1.9094	1.8598	1.9572	2.2953	2.1863	Ave		2.0112				9.2		15.0			
4-Chlorotoluene	1.9788 1.7391	1.8282	1.9405	2.1025	2.0213	Ave		1.9351				6.8		15.0			
Butyl Methacrylate	0.5819 0.8268	0.5759	0.7274	0.7758	0.8574	LinF		0.8306							0.9997		0.9900
tert-Butylbenzene	1.4381 1.6780	1.5042	1.5521	1.9829	1.8976	Ave		1.6755				13.2		15.0			
1,2,4-Trimethylbenzene	1.8060 2.0074	1.7712	2.0722	2.4284	2.2866	Ave		2.0620				12.6		15.0			
2-Octanone	0.8628 1.0392	0.7966	0.9626	0.9380	1.0868	Ave		0.9477				11.4		15.0			
sec-Butylbenzene	2.2188 +++++	2.3956	2.3050	3.0561	2.8190	Ave		2.5589				14.1		15.0			
p-Isopropyltoluene	1.7135 2.1545	1.8407	1.9341	2.4929	2.3930	Ave		2.0881				14.9		15.0			
1,3-Dichlorobenzene	1.3446 1.2855	1.2269	1.2832	1.4257	1.3694	Ave		1.3225				5.4		15.0			
1,4-Dichlorobenzene	1.5836 1.3038	1.2656	1.3150	1.4896	1.4088	Ave		1.3944				8.9		15.0			
Benzyl chloride	0.9411 1.2751	0.9849	1.1132	1.1945	1.3668	Ave		1.1459				14.4		15.0			
n-Butylbenzene	1.7637 2.0687	1.7550	1.7944	2.4080	2.3495	Ave		2.0232				14.8		15.0			
1,2-Dichlorobenzene	1.3540 1.2657	1.1375	1.2198	1.3884	1.3430	Ave		1.2847				7.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1732 0.1199	0.1114	0.1206	0.1217	0.1308	LinF		0.1215							0.9986		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trichlorobenzene	0.5888 0.7998	0.6589	0.7057	0.8123	0.8815	Ave		0.7412				14.7		15.0			
Hexachlorobutadiene	0.4039 0.3964	0.3687	0.2982	0.4053	0.4370	Ave		0.3849				12.4		15.0			
Naphthalene	1.9895 1.7587	1.4313	1.6555	1.7601	1.9528	Ave		1.7580				11.6		15.0			
1,2,3-Trichlorobenzene	0.5552 0.6786	0.5323	0.5900	0.6706	0.7247	Ave		0.6253				12.3		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3071 0.2928	0.3123	0.3014	0.3110	0.3135	Ave		0.3063				2.6		15.0			
Toluene-d8 (Surr)	1.0830 1.0714	1.0736	1.1080	1.1151	1.0622	Ave		1.0855				2.0		15.0			
Bromofluorobenzene	0.7615 0.6714	0.7454	0.7489	0.7370	0.7348	Ave		0.7332				4.3		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-97095/3	c63887.d
Level 2	IC 460-97095/7	c63896.d
Level 3	ICIS 460-97095/2	c63883.d
Level 4	IC 460-97095/4	c63890.d
Level 5	IC 460-97095/5	c63891.d
Level 6	IC 460-97095/6	c63892.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	1994 1274413	10192	43627	86871	422459	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	LinF	3182 1416977	12068	53456	101258	485205	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2341 1529306	10989	53620	99099	493857	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	774 683708	4564	14484	27261	148717	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1904 905071	8087	36472	61917	293441	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	3330 1875603	14318	64103	127955	595358	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	QuaF	9395 104221	17776	32963	34541	59897	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	1742 1079904	7208	33693	70753	344067	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	2592 1630330	10708	41581	108561	520081	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	1480 974462	6291	24676	67540	302666	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	2238 201734	8461	14712	34977	77683	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	1402 925887	6244	24068	68000	285155	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	5538 391954	11013	15760	27717	129197	5.00 500	15.0	20.0	50.0	200
Carbon disulfide	FB	Ave	4388 2717491	20594	83739	186588	862261	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	2566 1478317	10612	49333	109628	490507	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	1627 689874	5434	22905	50626	229656	20.0 10000	100	400	1000	4000

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	LinF	2235 1027152	7553	35671	80766	320553	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	3379 2200128	13861	71634	145768	693273	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	4692 3174450	21714	105160	226723	1028963	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	1684 951976	7059	30879	73218	301505	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	1414 178851	7029	15397	34009	74856	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	1409 838546	5872	23035	62625	280360	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	7516 4186385	28388	145917	328622	1490478	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	3387 1959549	14664	70958	165533	658872	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	4205 1538539	15382	54074	123026	520050	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	5299 3501639	23925	118074	259681	1185331	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2878 1572910	12254	52016	133473	537976	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	1629 1112525	8301	37013	88785	368211	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	1220 141145	2900	5167	9767	44966	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	397 239078	1846	7160	16447	77657	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1023 508593	4191	18298	41661	165221	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	551 379770	2978	12700	26426	127329	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	3223 1899505	13981	65935	160532	641263	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	2627 2059917	13054	56064	148604	689257	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	2766 1763177	12646	56530	141173	590914	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2371 1540736	10255	44710	122173	517109	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	2384 1575576	10883	48261	126947	520902	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzene	CBZ	Ave	7049 4359868	32375	152068	367474	1485252	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	3936 3278921	19666	100105	230537	1103046	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	8730 6061780	37229	191418	454518	2130796	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	2837 1559346	11455	56790	133130	540476	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	1265 870617	5226	22172	65596	295633	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	16190 143547	32089	56755	61114	96798	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	1981 1132542	7761	36340	88958	374859	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	2417 1896247	12081	48746	134716	623787	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	4575 3247369	20934	87756	231249	1086647	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	1981 1289452	8402	43779	103770	433167	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	LinF	297 298663	1875	8310	19051	96279	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	865 +++++	1505	3013	3247	5678	50.0 +++++	100	150	200	250
Dibromomethane	FB	Ave	938 687650	4809	23558	56583	240208	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	5084 3923233	23487	118946	284669	1372395	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	2659 1607876	11586	53388	125724	538767	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	LinF	1019 795289	3655	19353	51014	259747	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	3153 2237937	12379	67517	154579	749284	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	2660 2025017	11613	63021	154693	672230	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	9086 1328622	23734	38468	90429	448940	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	9039 4844113	35981	156020	401826	1677976	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	2349 1877188	10791	57213	141473	623861	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBZ	Ave	1520 962086	6342	29864	74050	312628	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	1830 1346317	8462	37210	100418	442841	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3230 1966326	12465	63885	151564	662820	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	6268 937500	16119	26190	61148	312859	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	LinF	773 709941	3218	18564	44300	229353	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	1758 1310644	7577	39235	96312	432712	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	1560 1108153	7112	34958	83717	365353	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	4958 3196142	22057	102615	251620	1089326	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	2207 1879160	10568	51950	139665	619132	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	1702 1259122	8043	36773	92193	413470	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	5538 4450714	25390	131733	349679	1541312	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	LinF	893 1011620	4122	25623	61682	328687	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	2602 2233962	13402	66150	171296	758365	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	4294 3781759	21792	114141	299345	1311789	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1247 916547	5034	26024	64314	294596	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	LinF	6330 5410414	32296	153574	450429	2000959	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	865 519031	3502	14040	38440	188610	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2146 1604813	9256	46443	119868	529007	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2062 1541151	9402	44914	116417	502168	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	8990 6595722	43418	193995	568242	2485456	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	593 463512	2640	14533	35071	153247	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	LinF	562 413653	1481	7730	21479	127316	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	5033 4150660	25175	125105	330729	1474333	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	5368 4925981	28070	135331	380716	1693003	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	5713 4486780	27592	134178	348739	1565267	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	1680 2132979	8692	50299	128681	663961	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	4152 4328916	22702	107323	328899	1469459	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	5214 5178889	26733	143285	402806	1770665	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	2491 2681000	12023	66557	155580	841607	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	6406 +++++	36157	159380	506911	2182926	1.00 +++++	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	4947 5558244	27782	133739	413497	1853103	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	3882 3316507	18517	88727	236478	1060411	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	4572 3363657	19101	90928	247082	1090941	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	2717 3289692	14865	76971	198138	1058376	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	5092 5337085	26488	124074	399419	1819350	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	3909 3265275	17168	84343	230295	1039997	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	500 309422	1682	8336	20186	101269	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	1700 2063501	9944	48796	134736	682579	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1166 1022614	5564	20618	67220	338365	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	5744 4537143	21603	114473	291945	1512212	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	1603 1750693	8034	40798	111237	561214	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	104545 132274	104929	115020	102857	109942	50.0 50.0	50.0	50.0	50.0	50.0

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

Lab Name: TestAmerica Edison Job No.: 460-35494-1 Analy Batch No.: 97095

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/23/2011 20:50 Calibration End Date: 12/24/2011 01:47 Calibration ID: 13498

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene-d8 (Surr)	CBZ	Ave	283421 397819	283170	323401	289653	320228	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	109933 173215	112503	129463	122240	142254	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63883.d
Report Date: 24-Dec-2011 02:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63883.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 23-DEC-2011 20:50
Operator : Inst ID: VOAMS3.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/8260_09.m
Meth Date : 24-Dec-2011 02:18 ken Quant Type: ISTD
Cal Date : 23-DEC-2011 20:50 Cal File: c63883.d
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.424	1.424	(0.250)	43627	20.0000	20
3 Chloromethane	50	1.612	1.612	(0.283)	53456	20.0000	20
4 Vinyl Chloride	62	1.697	1.697	(0.298)	53620	20.0000	21
6 Bromomethane	94	2.002	2.002	(0.352)	14484	20.0000	17
5 Chloroethane	64	2.087	2.087	(0.367)	36472	20.0000	21
7 Trichlorofluoromethane	101	2.275	2.275	(0.400)	64103	20.0000	20
9 Ethanol	46	2.488	2.488	(0.437)	32963	3000.00	3000
10 Isoprene	67	2.549	2.549	(0.448)	41581	20.0000	16
11 Ethyl Ether	59	2.531	2.531	(0.445)	33693	20.0000	19
13 Acrolein	56	2.719	2.719	(0.478)	14712	40.0000	32
15 1,1-Dichloroethene	96	2.744	2.744	(0.482)	24068	20.0000	16
14 Freon TF	101	2.713	2.713	(0.477)	24676	20.0000	16
16 Acetone	43	2.847	2.847	(0.501)	15760	20.0000	19
18 Carbon Disulfide	76	2.944	2.944	(0.518)	83739	20.0000	18
21 Acetonitrile	39	3.170	3.170	(0.557)	22905	400.000	350
27 Methyl Acetate	43	3.109	3.109	(0.547)	49333	20.0000	19

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63883.d
Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.230	3.230	(0.568)	35671	20.0000	19
	24 TBA	59	3.309	3.309	(0.582)	71634	400.000	400
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	30879	20.0000	18
	26 Acrylonitrile	53	3.528	3.528	(0.620)	15397	20.0000	20
	28 MTBE	73	3.407	3.407	(0.599)	105160	20.0000	20
	29 Hexane	56	3.608	3.608	(0.634)	23035	20.0000	16
	30 1,1-Dichloroethane	63	3.881	3.881	(0.682)	70958	20.0000	20
	31 Vinyl Acetate	43	3.906	3.906	(0.687)	54074	20.0000	17
	32 DIPE	45	3.851	3.851	(0.677)	145917	20.0000	19
	35 t-Butyl-ethyl-ether	59	4.204	4.204	(0.739)	118074	20.0000	20
	37 2,2-Dichloropropane	77	4.435	4.435	(0.780)	52016	20.0000	18
	36 cis-1,2-Dichloroethene	96	4.465	4.465	(0.785)	37013	20.0000	19
	38 2-Butanone	72	4.508	4.508	(0.792)	5167	20.0000	21
	39 Ethyl Acetate	70	4.502	4.502	(0.791)	7160	40.0000	35
	40 Bromochloromethane	128	4.727	4.727	(0.831)	18298	20.0000	19
	41 Tetrahydrofuran	42	4.733	4.733	(0.832)	12700	20.0000	20
	42 Chloroform	83	4.788	4.788	(0.842)	65935	20.0000	19
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.870)	56530	20.0000	18
	44 Cyclohexane	56	4.922	4.922	(0.865)	56064	20.0000	17
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	44710	20.0000	17
	46 1,1-Dichloropropene	75	5.122	5.122	(0.901)	48261	20.0000	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	115020	50.0000	49
	48 Benzene	78	5.347	5.347	(0.619)	152068	20.0000	20
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	56790	20.0000	20
	51 n-Heptane	57	5.524	5.524	(0.971)	22172	20.0000	16
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.955)	100105	20.0000	20
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	191418	40.0000	38
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	381630	50.0000	
	54 Trichloroethene	95	6.096	6.096	(1.072)	36340	20.0000	18
	53 n-Butanol	41	6.071	6.071	(1.067)	56755	1500.00	1500
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	48746	20.0000	17
	55 Ethyl Acrylate	55	6.248	6.248	(1.098)	87756	20.0000	17
	57 1,2-Dichloropropane	63	6.412	6.412	(1.127)	43779	20.0000	20
	58 Dibromomethane	93	6.546	6.546	(1.151)	23558	20.0000	20
	60 1,4-Dioxane	88	6.540	6.540	(1.150)	3013	150.000	150
	59 Methyl Methacrylate	100	6.503	6.503	(1.143)	8310	20.0000	19
	75 Propyl Acetate	43	6.564	6.564	(1.154)	118946	40.0000	38
	68 Bromodichloromethane	83	6.698	6.698	(1.178)	53388	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	7.014	7.014	(1.233)	19353	20.0000	17
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	67517	400.000	400
	67 cis-1,3-Dichloropropene	75	7.154	7.154	(0.828)	63021	20.0000	20
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	38468	20.0000	19
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	323401	50.0000	51
	66 Toluene	91	7.422	7.422	(0.859)	156020	20.0000	18
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	57213	20.0000	20
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	29864	20.0000	19
	71 Tetrachloroethene	166	7.890	7.890	(0.913)	37210	20.0000	18

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63883.d
Report Date: 24-Dec-2011 02:18

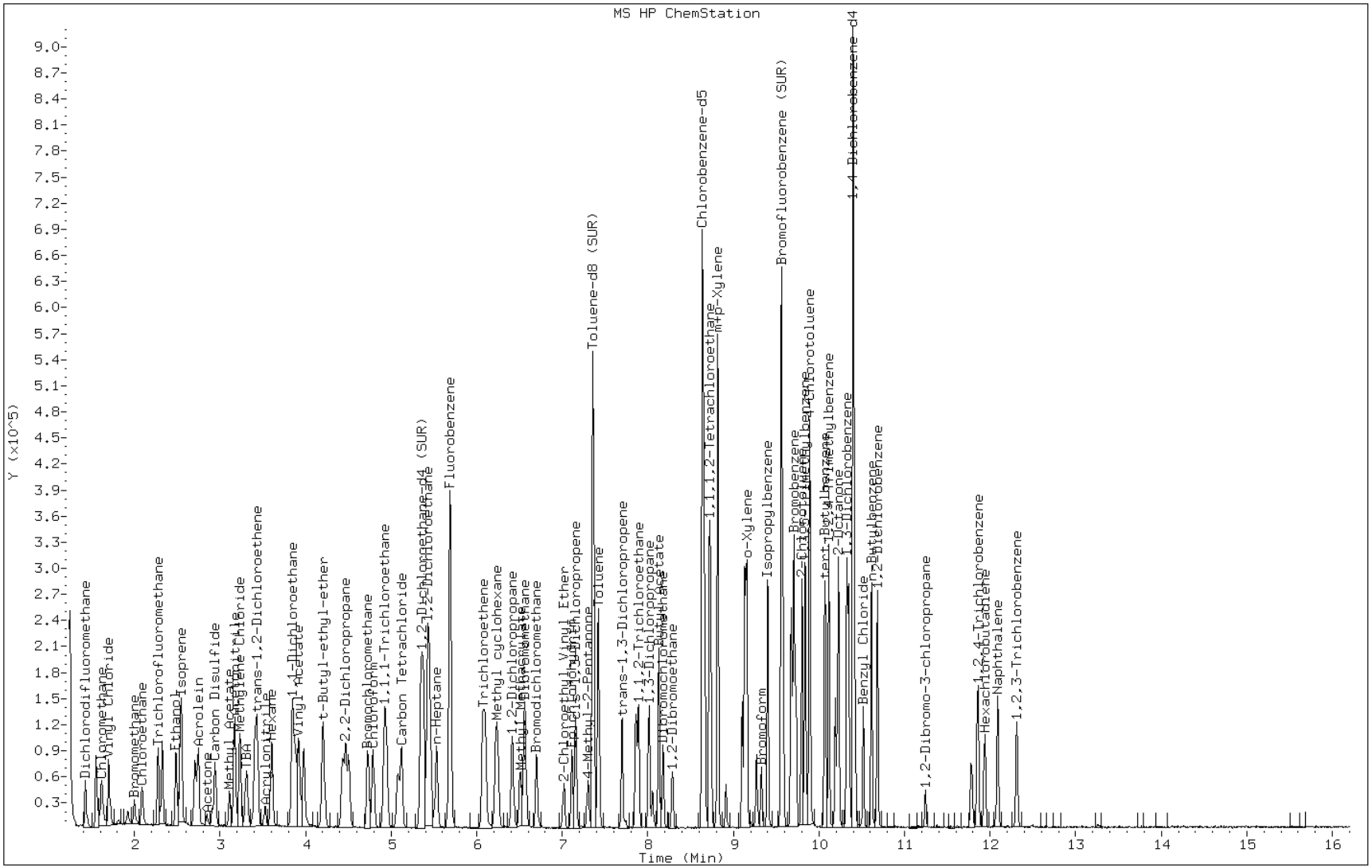
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	72 1,3-Dichloropropane	76	8.012	8.012	(0.927)	63885	20.0000	20
	73 2-Hexanone	43	8.055	8.055	(0.932)	26190	20.0000	19
	74 Dibromochloromethane	129	8.176	8.176	(0.946)	39235	20.0000	20
	76 Butyl Acetate	73	8.128	8.128	(0.941)	18564	40.0000	39
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	34958	20.0000	20
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	291886	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	102615	20.0000	20
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	36773	20.0000	19
	81 Ethylbenzene	106	8.724	8.724	(1.010)	51950	20.0000	19
	82 m+p-Xylene	106	8.815	8.815	(1.020)	131733	40.0000	39
	84 o-Xylene	106	9.131	9.131	(1.057)	66150	20.0000	20
	85 Styrene	104	9.156	9.156	(1.060)	114141	20.0000	20
	83 Butyl Acrylate	73	9.101	9.101	(1.054)	25623	20.0000	20
	86 Bromoform	173	9.326	9.326	(1.080)	26024	20.0000	19
	88 Isopropylbenzene	105	9.399	9.399	(1.088)	153574	20.0000	18
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	129463	50.0000	51
	90 Camphene (total)	41	9.576	9.576	(1.108)	14040	20.0000	17
	91 Bromobenzene	156	9.673	9.673	(0.930)	46443	20.0000	20
	92 1,1,2,2-Tetrachloroethane	83	9.685	9.685	(0.932)	44914	20.0000	20
	93 1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	14533	20.0000	21
	94 trans-1,4-Dichloro-2-butene	53	9.734	9.734	(0.936)	7730	20.0000	16
	95 n-Propylbenzene	91	9.709	9.709	(0.934)	193995	20.0000	19
	96 2-Chlorotoluene	91	9.801	9.801	(0.943)	125105	20.0000	20
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.947)	135331	20.0000	19
	98 4-Chlorotoluene	91	9.886	9.886	(0.951)	134178	20.0000	20
	99 Butyl Methacrylate	87	9.892	9.892	(0.951)	50299	20.0000	20
	100 tert-Butylbenzene	119	10.068	10.068	(0.968)	107323	20.0000	18
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	143285	20.0000	20
	102 2-Octanone	43	10.190	10.190	(0.980)	66557	20.0000	20
	103 sec-Butylbenzene	105	10.226	10.226	(0.984)	159380	20.0000	18
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	88727	20.0000	19
	107 p-Isopropyltoluene	119	10.324	10.324	(0.993)	133739	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.397	(1.000)	172866	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	90928	20.0000	19
	110 Benzyl Chloride	91	10.518	10.518	(1.012)	76971	20.0000	19
	106 n-Butylbenzene	91	10.616	10.616	(1.021)	124074	20.0000	18
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.028)	84343	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	11.242	11.242	(1.081)	8336	20.0000	19
	114 1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	48796	20.0000	19
	115 Hexachlorobutadiene	225	11.936	11.936	(1.148)	20618	20.0000	15
	116 Naphthalene	128	12.088	12.088	(1.163)	114473	20.0000	19
	117 1,2,3-Trichlorobenzene	180	12.313	12.313	(1.184)	40798	20.0000	19
M	120 1,2-Dichloroethene (Total)	100				67892	40.0000	38
M	121 Xylene (Total)	100				197883	60.0000	58

Data File: c63883.d

Date: 23-DEC-2011 20:50

Client ID: Instrument: VOAMS3.i

Sample Info: ICIS-VMCAL3 Operator:



Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63887.d
Report Date: 24-Dec-2011 02:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63887.d
Lab Smp Id: IC-VMCAL1
Inj Date : 23-DEC-2011 22:24
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/8260_09.m
Meth Date : 24-Dec-2011 02:18 ken Quant Type: ISTD
Cal Date : 23-DEC-2011 22:24 Cal File: c63887.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.424	(0.251)	1994	1.00000	1.0
3 Chloromethane	50	1.630	1.612	(0.287)	3182	1.00000	1.3
4 Vinyl Chloride	62	1.703	1.697	(0.299)	2341	1.00000	1.0
6 Bromomethane	94	1.989	2.002	(0.350)	774	1.00000	1.00(H)
5 Chloroethane	64	2.087	2.087	(0.367)	1904	1.00000	1.2
7 Trichlorofluoromethane	101	2.275	2.275	(0.400)	3330	1.00000	1.1
9 Ethanol	46	2.494	2.488	(0.438)	9395	1000.00	970(a)
10 Isoprene	67	2.549	2.549	(0.448)	2592	1.00000	1.1
11 Ethyl Ether	59	2.543	2.531	(0.447)	1742	1.00000	1.1
13 Acrolein	56	2.719	2.719	(0.478)	2238	4.00000	5.5
15 1,1-Dichloroethene	96	2.738	2.744	(0.481)	1402	1.00000	1.1
14 Freon TF	101	2.695	2.713	(0.474)	1480	1.00000	1.1
16 Acetone	43	2.853	2.847	(0.502)	5538	5.00000	7.6
18 Carbon Disulfide	76	2.944	2.944	(0.518)	4388	1.00000	1.1
21 Acetonitrile	39	3.176	3.170	(0.558)	1627	20.0000	28
27 Methyl Acetate	43	3.109	3.109	(0.547)	2566	1.00000	1.1

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63887.d
Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.230	3.230	(0.568)	2235	1.00000	1.3
	24 TBA	59	3.309	3.309	(0.582)	3379	20.0000	21
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	1684	1.00000	1.1
	26 Acrylonitrile	53	3.528	3.528	(0.620)	1414	2.00000	2.0
	28 MTBE	73	3.413	3.407	(0.600)	4692	1.00000	1.00
	29 Hexane	56	3.601	3.608	(0.633)	1409	1.00000	1.1
	30 1,1-Dichloroethane	63	3.881	3.881	(0.682)	3387	1.00000	1.1
	31 Vinyl Acetate	43	3.906	3.906	(0.687)	4205	1.00000	1.5
	32 DIPE	45	3.857	3.851	(0.678)	7516	1.00000	1.1
	35 t-Butyl-ethyl-ether	59	4.210	4.204	(0.740)	5299	1.00000	1.0
	37 2,2-Dichloropropane	77	4.441	4.435	(0.781)	2878	1.00000	1.1
	36 cis-1,2-Dichloroethene	96	4.471	4.465	(0.786)	1629	1.00000	0.95(a)
	38 2-Butanone	72	4.502	4.508	(0.791)	1220	5.00000	5.6
	39 Ethyl Acetate	70	4.502	4.502	(0.791)	397	2.00000	2.2
	40 Bromochloromethane	128	4.721	4.727	(0.830)	1023	1.00000	1.2
	41 Tetrahydrofuran	42	4.739	4.733	(0.833)	551	1.00000	0.96(a)
	42 Chloroform	83	4.794	4.788	(0.843)	3223	1.00000	1.0
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.870)	2766	1.00000	1.0
	44 Cyclohexane	56	4.928	4.922	(0.866)	2627	1.00000	0.91(a)
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	2371	1.00000	1.0
	46 1,1-Dichloropropene	75	5.110	5.122	(0.898)	2384	1.00000	1.0
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	104545	50.0000	50
	48 Benzene	78	5.354	5.347	(0.620)	7049	1.00000	1.0
	49 1,2-Dichloroethane	62	5.457	5.463	(0.959)	2837	1.00000	1.1
	51 n-Heptane	57	5.530	5.524	(0.972)	1265	1.00000	1.0(a)
	50 t-Amyl-methyl-ether	73	5.439	5.433	(0.956)	3936	1.00000	0.86(a)
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	8730	2.00000	2.0
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	340467	50.0000	
	54 Trichloroethene	95	6.096	6.096	(1.072)	1981	1.00000	1.1
	53 n-Butanol	41	6.071	6.071	(1.067)	16190	500.000	480(a)
	56 Methyl cyclohexane	83	6.217	6.230	(1.093)	2417	1.00000	0.92(a)
	55 Ethyl Acrylate	55	6.248	6.248	(1.098)	4575	1.00000	0.99(a)
	57 1,2-Dichloropropane	63	6.412	6.412	(1.127)	1981	1.00000	1.0(T)
	58 Dibromomethane	93	6.546	6.546	(1.151)	938	1.00000	0.89(a)
	60 1,4-Dioxane	88	6.546	6.540	(1.151)	865	50.0000	48(a)
	59 Methyl Methacrylate	100	6.509	6.503	(1.144)	297	1.00000	0.76(a)
	75 Propyl Acetate	43	6.564	6.564	(1.154)	5084	2.00000	1.8(a)
	68 Bromodichloromethane	83	6.698	6.698	(1.178)	2659	1.00000	1.1
	62 2-Chloroethyl Vinyl Ether	63	7.014	7.014	(1.233)	1019	1.00000	1.00
	63 Epichlorohydrin	57	7.118	7.112	(0.824)	3153	20.0000	21
	67 cis-1,3-Dichloropropene	75	7.160	7.154	(0.829)	2660	1.00000	0.96(a)
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	9086	5.00000	5.1
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	283421	50.0000	50
	66 Toluene	91	7.422	7.422	(0.859)	9039	1.00000	1.2
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	2349	1.00000	0.92(a)
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	1520	1.00000	1.1
	71 Tetrachloroethene	166	7.884	7.890	(0.913)	1830	1.00000	1.00

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63887.d
Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	72 1,3-Dichloropropane	76	8.018	8.012	(0.928)	3230	1.00000	1.1
	73 2-Hexanone	43	8.055	8.055	(0.932)	6268	5.00000	5.1
	74 Dibromochloromethane	129	8.176	8.176	(0.946)	1758	1.00000	0.99(a)
	76 Butyl Acetate	73	8.128	8.128	(0.941)	773	2.00000	1.8(a)
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	1560	1.00000	1.00
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	261702	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	4958	1.00000	1.0
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	1702	1.00000	0.98(a)
	81 Ethylbenzene	106	8.724	8.724	(1.010)	2207	1.00000	0.90(a)
	82 m+p-Xylene	106	8.815	8.815	(1.020)	5538	2.00000	1.8
	84 o-Xylene	106	9.137	9.131	(1.058)	2602	1.00000	0.86(a)
	85 Styrene	104	9.156	9.156	(1.060)	4294	1.00000	0.84(a)
	83 Butyl Acrylate	73	9.107	9.101	(1.054)	893	1.00000	0.77(a)
	86 Bromoform	173	9.326	9.326	(1.080)	1247	1.00000	1.0
	88 Isopropylbenzene	105	9.399	9.399	(1.088)	6330	1.00000	0.84(a)
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	109933	50.0000	52
	90 Camphene (total)	41	9.576	9.576	(1.108)	865	1.00000	1.1
	91 Bromobenzene	156	9.679	9.673	(0.931)	2146	1.00000	1.1
	92 1,1,2,2-Tetrachloroethane	83	9.691	9.685	(0.932)	2062	1.00000	1.1
	93 1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	593	1.00000	1.0
	94 trans-1,4-Dichloro-2-butene	53	9.728	9.734	(0.936)	562	1.00000	1.4
	95 n-Propylbenzene	91	9.709	9.709	(0.934)	8990	1.00000	1.0
	96 2-Chlorotoluene	91	9.801	9.801	(0.943)	5033	1.00000	0.98(a)
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.947)	5368	1.00000	0.92(a)
	98 4-Chlorotoluene	91	9.886	9.886	(0.951)	5713	1.00000	1.0
	99 Butyl Methacrylate	87	9.892	9.892	(0.951)	1680	1.00000	0.80(a)
	100 tert-Butylbenzene	119	10.074	10.068	(0.969)	4152	1.00000	0.86(a)
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	5214	1.00000	0.88(a)
	102 2-Octanone	43	10.190	10.190	(0.980)	2491	1.00000	0.91(a)
	103 sec-Butylbenzene	105	10.226	10.226	(0.984)	6406	1.00000	0.87(a)
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	3882	1.00000	1.0
	107 p-Isopropyltoluene	119	10.324	10.324	(0.993)	4947	1.00000	0.82(a)
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.397	(1.000)	144355	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	4572	1.00000	1.1
	110 Benzyl Chloride	91	10.518	10.518	(1.012)	2717	1.00000	0.82(a)
	106 n-Butylbenzene	91	10.616	10.616	(1.021)	5092	1.00000	0.87(a)
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.028)	3909	1.00000	1.0
	112 1,2-Dibromo-3-chloropropane	75	11.230	11.242	(1.080)	500	1.00000	1.3
	114 1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	1700	1.00000	0.79(a)
	115 Hexachlorobutadiene	225	11.936	11.936	(1.148)	1166	1.00000	1.0
	116 Naphthalene	128	12.082	12.088	(1.162)	5744	1.00000	1.1
	117 1,2,3-Trichlorobenzene	180	12.313	12.313	(1.184)	1603	1.00000	0.89(a)
M	120 1,2-Dichloroethene (Total)	100				3313	2.00000	2.1
M	121 Xylene (Total)	100				8140	3.00000	2.7(a)

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63887.d
Report Date: 24-Dec-2011 02:18

QC Flag Legend

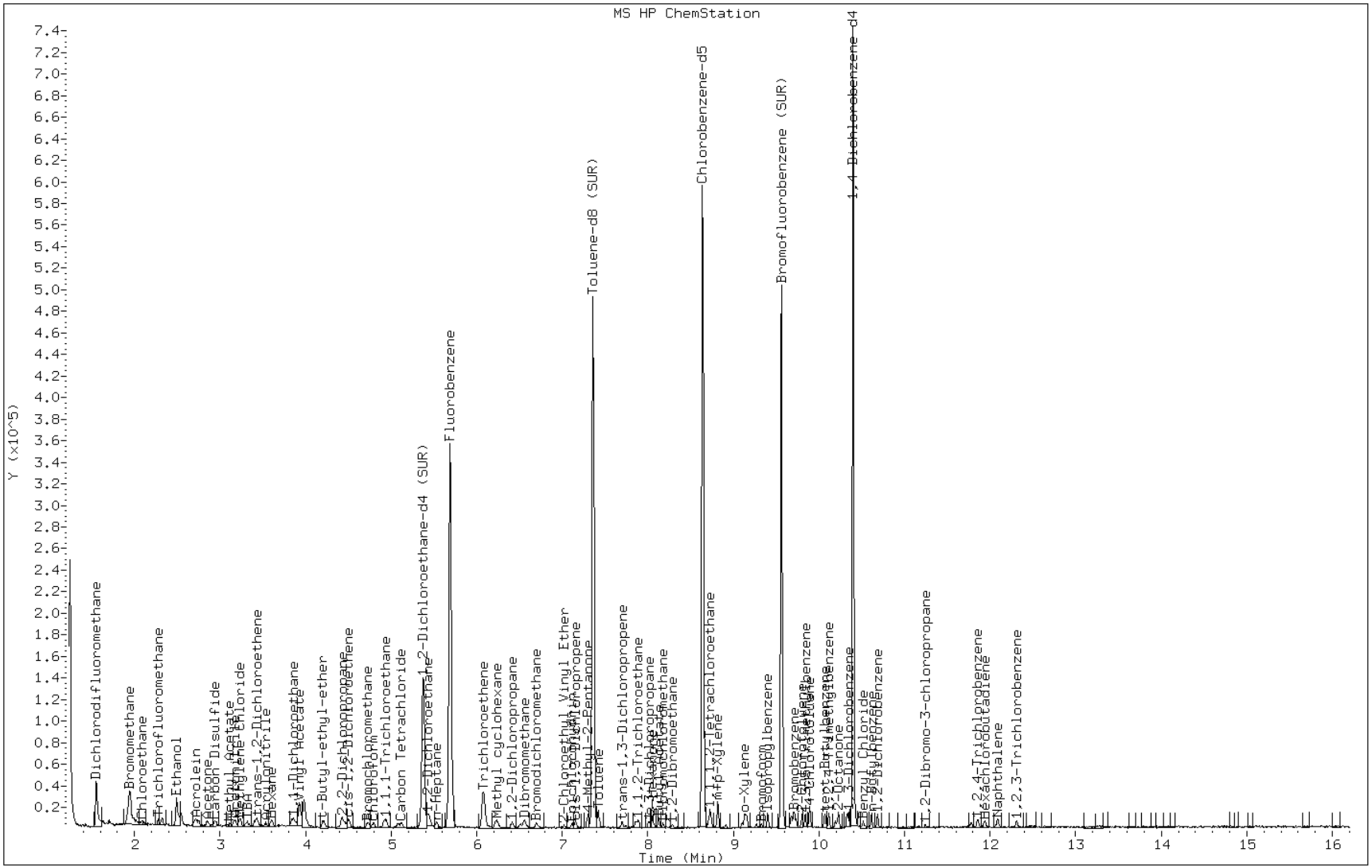
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: c63887.d

Date: 23-DEC-2011 22:24

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL1 Operator:



Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63890.d
Report Date: 24-Dec-2011 02:18

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63890.d
Lab Smp Id: IC-VMCAL4
Inj Date : 23-DEC-2011 23:32
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/8260_09.m
Meth Date : 24-Dec-2011 02:18 ken Quant Type: ISTD
Cal Date : 23-DEC-2011 23:32 Cal File: c63890.d
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.424	(0.251)	86871	50.0000	46
3 Chloromethane	50	1.624	1.612	(0.286)	101258	50.0000	43
4 Vinyl Chloride	62	1.703	1.697	(0.299)	99099	50.0000	45
6 Bromomethane	94	1.989	2.002	(0.350)	27261	50.0000	36
5 Chloroethane	64	2.087	2.087	(0.367)	61917	50.0000	41
7 Trichlorofluoromethane	101	2.275	2.275	(0.400)	127955	50.0000	45
9 Ethanol	46	2.494	2.488	(0.438)	34541	4000.00	3700
10 Isoprene	67	2.549	2.549	(0.448)	108561	50.0000	48
11 Ethyl Ether	59	2.537	2.531	(0.446)	70753	50.0000	46
13 Acrolein	56	2.719	2.719	(0.478)	34977	100.000	89
15 1,1-Dichloroethene	96	2.750	2.744	(0.483)	68000	50.0000	53
14 Freon TF	101	2.707	2.713	(0.476)	67540	50.0000	51
16 Acetone	43	2.853	2.847	(0.502)	27717	50.0000	39
18 Carbon Disulfide	76	2.945	2.944	(0.518)	186588	50.0000	47
21 Acetonitrile	39	3.170	3.170	(0.557)	50626	1000.00	900
27 Methyl Acetate	43	3.115	3.109	(0.548)	109628	50.0000	49

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63890.d
Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.230	3.230	(0.568)	80766	50.0000	49
	24 TBA	59	3.316	3.309	(0.583)	145768	1000.00	940
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	73218	50.0000	51
	26 Acrylonitrile	53	3.529	3.528	(0.620)	34009	50.0000	50
	28 MTBE	73	3.413	3.407	(0.600)	226723	50.0000	50
	29 Hexane	56	3.608	3.608	(0.634)	62625	50.0000	51
	30 1,1-Dichloroethane	63	3.881	3.881	(0.682)	165533	50.0000	54
	31 Vinyl Acetate	43	3.906	3.906	(0.687)	123026	50.0000	44
	32 DIPE	45	3.851	3.851	(0.677)	328622	50.0000	51
	35 t-Butyl-ethyl-ether	59	4.210	4.204	(0.740)	259681	50.0000	50
	37 2,2-Dichloropropane	77	4.435	4.435	(0.780)	133473	50.0000	53
	36 cis-1,2-Dichloroethene	96	4.465	4.465	(0.785)	88785	50.0000	53
	38 2-Butanone	72	4.502	4.508	(0.791)	9767	50.0000	46
	39 Ethyl Acetate	70	4.508	4.502	(0.792)	16447	100.000	94
	40 Bromochloromethane	128	4.727	4.727	(0.831)	41661	50.0000	50
	41 Tetrahydrofuran	42	4.733	4.733	(0.832)	26426	50.0000	47
	42 Chloroform	83	4.788	4.788	(0.842)	160532	50.0000	54
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.870)	141173	50.0000	54
	44 Cyclohexane	56	4.922	4.922	(0.865)	148604	50.0000	53
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	122173	50.0000	55
	46 1,1-Dichloropropene	75	5.122	5.122	(0.901)	126947	50.0000	55
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	102857	50.0000	51
	48 Benzene	78	5.348	5.347	(0.619)	367474	50.0000	55
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	133130	50.0000	53
	51 n-Heptane	57	5.530	5.524	(0.972)	65596	50.0000	55
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.955)	230537	50.0000	52
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	454518	100.000	100
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	330691	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.073)	88958	50.0000	52
	53 n-Butanol	41	6.078	6.071	(1.068)	61114	2000.00	1800
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	134716	50.0000	53
	55 Ethyl Acrylate	55	6.248	6.248	(1.098)	231249	50.0000	52
	57 1,2-Dichloropropane	63	6.418	6.412	(1.128)	103770	50.0000	54
	58 Dibromomethane	93	6.552	6.546	(1.152)	56583	50.0000	55
	60 1,4-Dioxane	88	6.540	6.540	(1.150)	3247	200.000	190
	59 Methyl Methacrylate	100	6.510	6.503	(1.144)	19051	50.0000	50
	75 Propyl Acetate	43	6.564	6.564	(1.154)	284669	100.000	100
	68 Bromodichloromethane	83	6.698	6.698	(1.178)	125724	50.0000	52
	62 2-Chloroethyl Vinyl Ether	63	7.021	7.014	(1.234)	51014	50.0000	51
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	154579	1000.00	1000
	67 cis-1,3-Dichloropropene	75	7.154	7.154	(0.828)	154693	50.0000	56
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	90429	50.0000	51
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	289653	50.0000	51
	66 Toluene	91	7.422	7.422	(0.859)	401826	50.0000	54
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	141473	50.0000	56
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	74050	50.0000	54
	71 Tetrachloroethene	166	7.890	7.890	(0.913)	100418	50.0000	55

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63890.d
Report Date: 24-Dec-2011 02:18

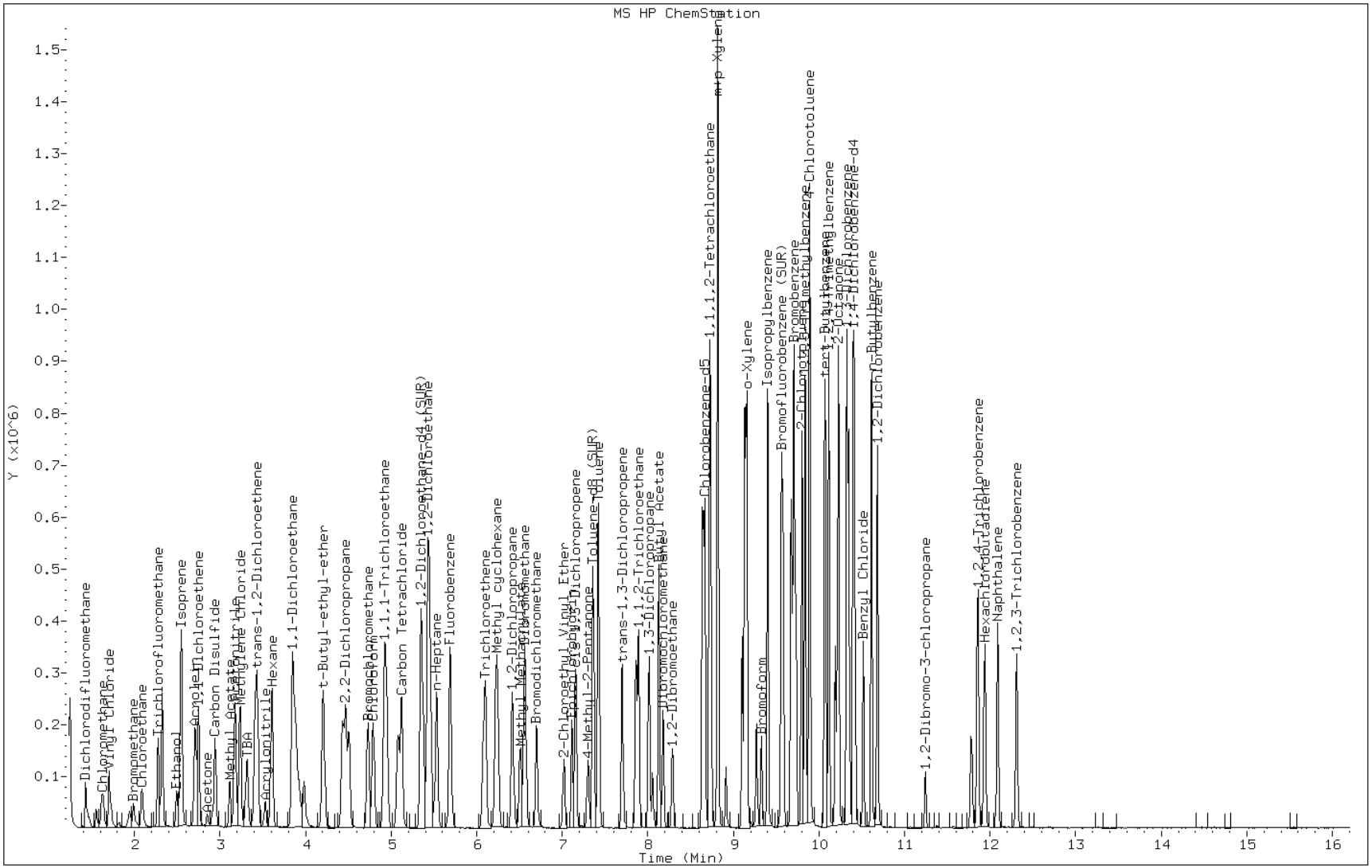
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
72	1,3-Dichloropropane	76	8.012	8.012	(0.927)	151564	50.0000	53
73	2-Hexanone	43	8.055	8.055	(0.932)	61148	50.0000	50
74	Dibromochloromethane	129	8.176	8.176	(0.946)	96312	50.0000	54
76	Butyl Acetate	73	8.128	8.128	(0.941)	44300	100.000	100
77	1,2-Dibromoethane	107	8.286	8.286	(0.959)	83717	50.0000	54
* 78	Chlorobenzene-d5	117	8.639	8.639	(1.000)	259756	50.0000	
79	Chlorobenzene	112	8.663	8.663	(1.003)	251620	50.0000	54
80	1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	92193	50.0000	54
81	Ethylbenzene	106	8.724	8.724	(1.010)	139665	50.0000	57
82	m+p-Xylene	106	8.815	8.815	(1.020)	349679	100.000	120
84	o-Xylene	106	9.132	9.131	(1.057)	171296	50.0000	57
85	Styrene	104	9.156	9.156	(1.060)	299345	50.0000	59
83	Butyl Acrylate	73	9.101	9.101	(1.054)	61682	50.0000	54
86	Bromoform	173	9.326	9.326	(1.080)	64314	50.0000	53
88	Isopropylbenzene	105	9.399	9.399	(1.088)	450429	50.0000	60
$ 89	Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	122240	50.0000	50
90	Camphene (total)	41	9.576	9.576	(1.108)	38440	50.0000	51
91	Bromobenzene	156	9.673	9.673	(0.930)	119868	50.0000	53
92	1,1,2,2-Tetrachloroethane	83	9.685	9.685	(0.932)	116417	50.0000	54
93	1,2,3-Trichloropropane	110	9.728	9.734	(0.936)	35071	50.0000	54
94	trans-1,4-Dichloro-2-butene	53	9.734	9.734	(0.936)	21479	50.0000	45
95	n-Propylbenzene	91	9.709	9.709	(0.934)	568242	50.0000	57
96	2-Chlorotoluene	91	9.801	9.801	(0.943)	330729	50.0000	56
97	1,3,5-Trimethylbenzene	105	9.837	9.843	(0.946)	380716	50.0000	57
98	4-Chlorotoluene	91	9.886	9.886	(0.951)	348739	50.0000	54
99	Butyl Methacrylate	87	9.898	9.892	(0.952)	128681	50.0000	54
100	tert-Butylbenzene	119	10.068	10.068	(0.968)	328899	50.0000	59
101	1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	402806	50.0000	59
102	2-Octanone	43	10.190	10.190	(0.980)	155580	50.0000	49
103	sec-Butylbenzene	105	10.227	10.226	(0.984)	506911	50.0000	60
105	1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	236478	50.0000	54
107	p-Isopropyltoluene	119	10.324	10.324	(0.993)	413497	50.0000	60
* 108	1,4-Dichlorobenzene-d4	152	10.397	10.397	(1.000)	165870	50.0000	
109	1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	247082	50.0000	53
110	Benzyl Chloride	91	10.519	10.518	(1.012)	198138	50.0000	52
106	n-Butylbenzene	91	10.616	10.616	(1.021)	399419	50.0000	60
111	1,2-Dichlorobenzene	146	10.683	10.683	(1.028)	230295	50.0000	54
112	1,2-Dibromo-3-chloropropane	75	11.243	11.242	(1.081)	20186	50.0000	47
114	1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	134736	50.0000	55
115	Hexachlorobutadiene	225	11.936	11.936	(1.148)	67220	50.0000	53
116	Naphthalene	128	12.088	12.088	(1.163)	291945	50.0000	50
117	1,2,3-Trichlorobenzene	180	12.307	12.313	(1.184)	111237	50.0000	54
M 120	1,2-Dichloroethene (Total)	100				162003	100.000	100
M 121	Xylene (Total)	100				520975	150.000	170

Data File: c63890.d

Date: 23-DEC-2011 23:32

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL4 Operator:



Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63891.d
Report Date: 24-Dec-2011 02:18

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63891.d
Lab Smp Id: IC-VMCAL5
Inj Date : 23-DEC-2011 23:54
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/8260_09.m
Meth Date : 24-Dec-2011 02:18 ken Quant Type: ISTD
Cal Date : 23-DEC-2011 23:54 Cal File: c63891.d
Als bottle: 11 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.424	(0.251)	422459	200.000	210
3 Chloromethane	50	1.637	1.612	(0.288)	485205	200.000	190
4 Vinyl Chloride	62	1.704	1.697	(0.299)	493857	200.000	210
6 Bromomethane	94	1.990	2.002	(0.350)	148717	200.000	180
5 Chloroethane	64	2.087	2.087	(0.367)	293441	200.000	180
7 Trichlorofluoromethane	101	2.275	2.275	(0.400)	595358	200.000	200
9 Ethanol	46	2.494	2.488	(0.439)	59897	5000.00	6000(A)
10 Isoprene	67	2.549	2.549	(0.448)	520081	200.000	220
11 Ethyl Ether	59	2.537	2.531	(0.446)	344067	200.000	210
13 Acrolein	56	2.720	2.719	(0.478)	77683	200.000	180
15 1,1-Dichloroethene	96	2.750	2.744	(0.483)	285155	200.000	210
14 Freon TF	101	2.707	2.713	(0.476)	302666	200.000	220
16 Acetone	43	2.853	2.847	(0.502)	129197	200.000	170
18 Carbon Disulfide	76	2.945	2.944	(0.518)	862261	200.000	200
21 Acetonitrile	39	3.176	3.170	(0.558)	229656	4000.00	3800
27 Methyl Acetate	43	3.115	3.109	(0.548)	490507	200.000	210

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63891.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.237	3.230	(0.569)	320553	200.000	180
	24 TBA	59	3.316	3.309	(0.583)	693273	4000.00	4200
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	301505	200.000	200
	26 Acrylonitrile	53	3.529	3.528	(0.620)	74856	100.000	100
	28 MTBE	73	3.413	3.407	(0.600)	1028963	200.000	210
	29 Hexane	56	3.608	3.608	(0.634)	280360	200.000	220
	30 1,1-Dichloroethane	63	3.882	3.881	(0.682)	658872	200.000	200
	31 Vinyl Acetate	43	3.906	3.906	(0.687)	520050	200.000	180
	32 DIPE	45	3.851	3.851	(0.677)	1490478	200.000	220
	35 t-Butyl-ethyl-ether	59	4.204	4.204	(0.739)	1185331	200.000	220
	37 2,2-Dichloropropane	77	4.435	4.435	(0.780)	537976	200.000	200
	36 cis-1,2-Dichloroethene	96	4.472	4.465	(0.786)	368211	200.000	210
	38 2-Butanone	72	4.502	4.508	(0.791)	44966	200.000	200
	39 Ethyl Acetate	70	4.508	4.502	(0.793)	77657	400.000	420
	40 Bromochloromethane	128	4.727	4.727	(0.831)	165221	200.000	190
	41 Tetrahydrofuran	42	4.733	4.733	(0.832)	127329	200.000	210
	42 Chloroform	83	4.788	4.788	(0.842)	641263	200.000	200
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.870)	590914	200.000	210
	44 Cyclohexane	56	4.922	4.922	(0.865)	689257	200.000	230
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	517109	200.000	220
	46 1,1-Dichloropropene	75	5.123	5.122	(0.901)	520902	200.000	210
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.372	5.378	(0.944)	109942	50.0000	51
	48 Benzene	78	5.354	5.347	(0.620)	1485252	200.000	190
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	540476	200.000	200
	51 n-Heptane	57	5.530	5.524	(0.972)	295633	200.000	230
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.955)	1103046	200.000	230
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	2130796	400.000	460
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	350716	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.073)	374859	200.000	210
	53 n-Butanol	41	6.078	6.071	(1.068)	96798	2500.00	2800(A)
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	623787	200.000	230
	55 Ethyl Acrylate	55	6.248	6.248	(1.098)	1086647	200.000	230(A)
	57 1,2-Dichloropropane	63	6.418	6.412	(1.128)	433167	200.000	210
	58 Dibromomethane	93	6.546	6.546	(1.151)	240208	200.000	220
	60 1,4-Dioxane	88	6.558	6.540	(1.153)	5678	250.000	310(A)
	59 Methyl Methacrylate	100	6.510	6.503	(1.144)	96279	200.000	240(A)
	75 Propyl Acetate	43	6.564	6.564	(1.154)	1372395	400.000	480
	68 Bromodichloromethane	83	6.698	6.698	(1.178)	538767	200.000	210
	62 2-Chloroethyl Vinyl Ether	63	7.021	7.014	(1.234)	259747	200.000	250(A)
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	749284	4000.00	4300
	67 cis-1,3-Dichloropropene	75	7.161	7.154	(0.829)	672230	200.000	210
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	448940	200.000	220
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	320228	50.0000	49
	66 Toluene	91	7.422	7.422	(0.859)	1677976	200.000	190
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	623861	200.000	210
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	312628	200.000	200
	71 Tetrachloroethene	166	7.891	7.890	(0.913)	442841	200.000	210

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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	72 1,3-Dichloropropane	76	8.012	8.012	(0.927)	662820	200.000	200
	73 2-Hexanone	43	8.055	8.055	(0.932)	312859	200.000	220
	74 Dibromochloromethane	129	8.177	8.176	(0.946)	432712	200.000	210
	76 Butyl Acetate	73	8.128	8.128	(0.941)	229353	400.000	460
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	365353	200.000	200
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	301469	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	1089326	200.000	200
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	413470	200.000	210
	81 Ethylbenzene	106	8.724	8.724	(1.010)	619132	200.000	220
	82 m+p-Xylene	106	8.815	8.815	(1.020)	1541312	400.000	440
	84 o-Xylene	106	9.132	9.131	(1.057)	758365	200.000	220
	85 Styrene	104	9.156	9.156	(1.060)	1311789	200.000	220
	83 Butyl Acrylate	73	9.101	9.101	(1.054)	328687	200.000	250
	86 Bromoform	173	9.326	9.326	(1.080)	294596	200.000	210
	88 Isopropylbenzene	105	9.399	9.399	(1.088)	2000959	200.000	230
$	89 Bromofluorobenzene (SUR)	174	9.564	9.563	(0.920)	142254	50.0000	50
	90 Camphene (total)	41	9.576	9.576	(1.108)	188610	200.000	220
	91 Bromobenzene	156	9.673	9.673	(0.930)	529007	200.000	200
	92 1,1,2,2-Tetrachloroethane	83	9.685	9.685	(0.932)	502168	200.000	200
	93 1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	153247	200.000	200
	94 trans-1,4-Dichloro-2-butene	53	9.734	9.734	(0.936)	127316	200.000	230
	95 n-Propylbenzene	91	9.710	9.709	(0.934)	2485456	200.000	210
	96 2-Chlorotoluene	91	9.801	9.801	(0.943)	1474333	200.000	210
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.947)	1693003	200.000	220
	98 4-Chlorotoluene	91	9.886	9.886	(0.951)	1565267	200.000	210
	99 Butyl Methacrylate	87	9.898	9.892	(0.952)	663961	200.000	240
	100 tert-Butylbenzene	119	10.069	10.068	(0.968)	1469459	200.000	230
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	1770665	200.000	220
	102 2-Octanone	43	10.190	10.190	(0.980)	841607	200.000	230
	103 sec-Butylbenzene	105	10.227	10.226	(0.984)	2182926	200.000	220(A)
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	1060411	200.000	210
	107 p-Isopropyltoluene	119	10.324	10.324	(0.993)	1853103	200.000	230
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.397	(1.000)	193593	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	1090941	200.000	200
	110 Benzyl Chloride	91	10.519	10.518	(1.012)	1058376	200.000	240
	106 n-Butylbenzene	91	10.616	10.616	(1.021)	1819350	200.000	230
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.027)	1039997	200.000	210
	112 1,2-Dibromo-3-chloropropane	75	11.243	11.242	(1.081)	101269	200.000	200
	114 1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	682579	200.000	240
	115 Hexachlorobutadiene	225	11.936	11.936	(1.148)	338365	200.000	230(A)
	116 Naphthalene	128	12.088	12.088	(1.163)	1512212	200.000	220
	117 1,2,3-Trichlorobenzene	180	12.307	12.313	(1.184)	561214	200.000	230
M	120 1,2-Dichloroethene (Total)	100				669716	400.000	410
M	121 Xylene (Total)	100				2299677	600.000	660

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63891.d
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QC Flag Legend

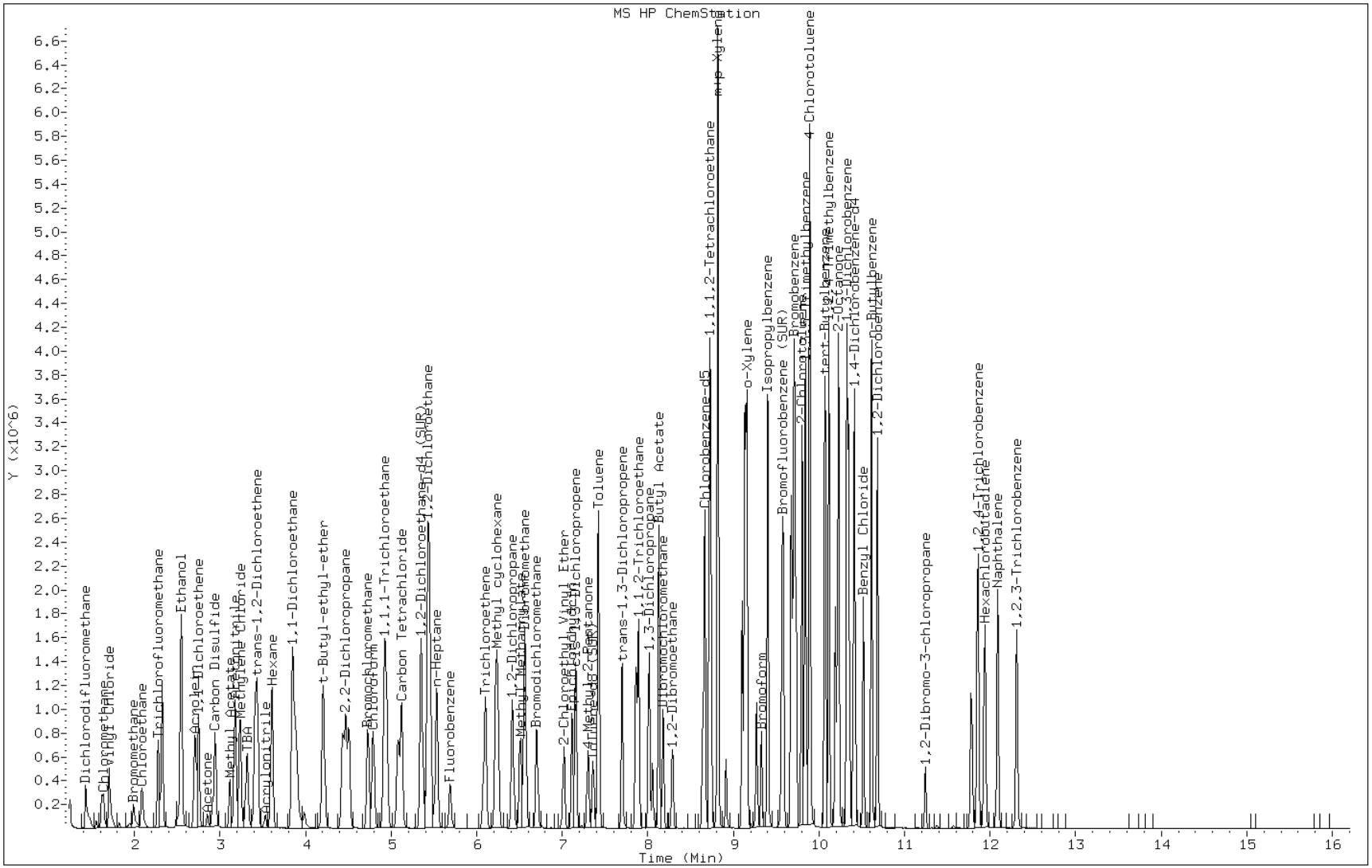
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: c63891.d

Date: 23-DEC-2011 23:54

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL5 Operator:



Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63892.d
Report Date: 24-Dec-2011 02:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63892.d
Lab Smp Id: IC-VMCAL6
Inj Date : 24-DEC-2011 00:17
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/8260_09.m
Meth Date : 24-Dec-2011 02:18 ken Quant Type: ISTD
Cal Date : 24-DEC-2011 00:17 Cal File: c63892.d
Als bottle: 12 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.424	(0.251)	1274413	500.000	490
3 Chloromethane	50	1.631	1.612	(0.286)	1416977	500.000	440
4 Vinyl Chloride	62	1.704	1.697	(0.299)	1529306	500.000	500(A)
6 Bromomethane	94	1.990	2.002	(0.349)	683708	500.000	660(A)
5 Chloroethane	64	2.087	2.087	(0.366)	905071	500.000	440
7 Trichlorofluoromethane	101	2.275	2.275	(0.400)	1875603	500.000	490
9 Ethanol	46	2.494	2.488	(0.438)	104221	6000.00	7600(A)
10 Isoprene	67	2.549	2.549	(0.448)	1630330	500.000	530(A)
11 Ethyl Ether	59	2.537	2.531	(0.446)	1079904	500.000	520(A)
13 Acrolein	56	2.720	2.719	(0.478)	201734	400.000	370
15 1,1-Dichloroethene	96	2.750	2.744	(0.483)	925887	500.000	530(A)
14 Freon TF	101	2.707	2.713	(0.475)	974462	500.000	540(A)
16 Acetone	43	2.853	2.847	(0.501)	391954	500.000	410
18 Carbon Disulfide	76	2.945	2.944	(0.517)	2717491	500.000	500(A)
21 Acetonitrile	39	3.176	3.170	(0.558)	689874	10000.0	9000
27 Methyl Acetate	43	3.115	3.109	(0.547)	1478317	500.000	480

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Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.237	3.230	(0.568)	1027152	500.000	460
	24 TBA	59	3.316	3.309	(0.582)	2200128	10000.0	10000(A)
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	951976	500.000	480
	26 Acrylonitrile	53	3.529	3.528	(0.620)	178851	200.000	190
	28 MTBE	73	3.413	3.407	(0.599)	3174450	500.000	510(A)
	29 Hexane	56	3.608	3.608	(0.634)	838546	500.000	500(A)
	30 1,1-Dichloroethane	63	3.882	3.881	(0.682)	1959549	500.000	460
	31 Vinyl Acetate	43	3.906	3.906	(0.686)	1538539	500.000	410
	32 DIPE	45	3.851	3.851	(0.676)	4186385	500.000	470
	35 t-Butyl-ethyl-ether	59	4.204	4.204	(0.738)	3501639	500.000	500
	37 2,2-Dichloropropane	77	4.435	4.435	(0.779)	1572910	500.000	460
	36 cis-1,2-Dichloroethene	96	4.472	4.465	(0.785)	1112525	500.000	490
	38 2-Butanone	72	4.502	4.508	(0.791)	141145	500.000	490
	39 Ethyl Acetate	70	4.508	4.502	(0.792)	239078	1000.00	1000
	40 Bromochloromethane	128	4.727	4.727	(0.830)	508593	500.000	450
	41 Tetrahydrofuran	42	4.733	4.733	(0.831)	379770	500.000	500
	42 Chloroform	83	4.794	4.788	(0.842)	1899505	500.000	470
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.869)	1763177	500.000	490
	44 Cyclohexane	56	4.922	4.922	(0.864)	2059917	500.000	540(A)
	45 Carbon Tetrachloride	117	5.080	5.080	(0.892)	1540736	500.000	500(A)
	46 1,1-Dichloropropene	75	5.123	5.122	(0.900)	1575576	500.000	500
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.944)	132274	50.0000	48
	48 Benzene	78	5.354	5.347	(0.620)	4359868	500.000	460
	49 1,2-Dichloroethane	62	5.463	5.463	(0.959)	1559346	500.000	460
	51 n-Heptane	57	5.530	5.524	(0.971)	870617	500.000	530(A)
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.954)	3278921	500.000	540(A)
	61 Isopropyl Acetate	43	5.439	5.433	(0.955)	6061780	1000.00	1000(A)
*	52 Fluorobenzene	96	5.694	5.688	(1.000)	451687	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.072)	1132542	500.000	490
	53 n-Butanol	41	6.078	6.071	(1.067)	143547	3000.00	3200(A)
	56 Methyl cyclohexane	83	6.230	6.230	(1.094)	1896247	500.000	550(A)
	55 Ethyl Acrylate	55	6.248	6.248	(1.097)	3247369	500.000	530(A)
	57 1,2-Dichloropropane	63	6.418	6.412	(1.127)	1289452	500.000	490
	58 Dibromomethane	93	6.552	6.546	(1.151)	687650	500.000	490
	60 1,4-Dioxane	88	6.552	6.540	(1.151)	11614	300.000	490(A)
	59 Methyl Methacrylate	100	6.510	6.503	(1.143)	298663	500.000	570(A)
	75 Propyl Acetate	43	6.570	6.564	(1.154)	3923233	1000.00	1000(A)
	68 Bromodichloromethane	83	6.704	6.698	(1.177)	1607876	500.000	480
	62 2-Chloroethyl Vinyl Ether	63	7.021	7.014	(1.233)	795289	500.000	590(A)
	63 Epichlorohydrin	57	7.118	7.112	(0.824)	2237937	10000.0	10000(A)
	67 cis-1,3-Dichloropropene	75	7.161	7.154	(0.829)	2025017	500.000	510(A)
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	1328622	500.000	520(A)
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	397819	50.0000	49
	66 Toluene	91	7.422	7.422	(0.859)	4844113	500.000	450
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	1877188	500.000	520(A)
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	962086	500.000	490
	71 Tetrachloroethene	166	7.891	7.890	(0.913)	1346317	500.000	520(A)

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Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
72	1,3-Dichloropropane	76	8.012	8.012	(0.927)	1966326	500.000	480
73	2-Hexanone	43	8.055	8.055	(0.932)	937500	500.000	540(A)
74	Dibromochloromethane	129	8.177	8.176	(0.946)	1310644	500.000	520(A)
76	Butyl Acetate	73	8.134	8.128	(0.942)	709941	1000.00	1200(A)
77	1,2-Dibromoethane	107	8.286	8.286	(0.959)	1108153	500.000	500
* 78	Chlorobenzene-d5	117	8.639	8.639	(1.000)	371317	50.0000	
79	Chlorobenzene	112	8.663	8.663	(1.003)	3196142	500.000	480
80	1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	1259122	500.000	510(A)
81	Ethylbenzene	106	8.724	8.724	(1.010)	1879160	500.000	540(A)
82	m+p-Xylene	106	8.821	8.815	(1.021)	4450714	1000.00	1000(A)
84	o-Xylene	106	9.138	9.131	(1.058)	2233962	500.000	520(A)
85	Styrene	104	9.156	9.156	(1.060)	3781759	500.000	520(A)
83	Butyl Acrylate	73	9.101	9.101	(1.054)	1011620	500.000	620(A)
86	Bromoform	173	9.326	9.326	(1.080)	916547	500.000	530(A)
88	Isopropylbenzene	105	9.405	9.399	(1.089)	5410414	500.000	510(A)
$ 89	Bromofluorobenzene (SUR)	174	9.564	9.563	(0.919)	173215	50.0000	46
90	Camphene (total)	41	9.576	9.576	(1.108)	519031	500.000	490
91	Bromobenzene	156	9.673	9.673	(0.930)	1604813	500.000	460
92	1,1,2,2-Tetrachloroethane	83	9.691	9.685	(0.932)	1541151	500.000	460
93	1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	463512	500.000	460
94	trans-1,4-Dichloro-2-butene	53	9.740	9.734	(0.936)	413653	500.000	560(A)
95	n-Propylbenzene	91	9.710	9.709	(0.933)	6595722	500.000	430
96	2-Chlorotoluene	91	9.801	9.801	(0.942)	4150660	500.000	450
97	1,3,5-Trimethylbenzene	105	9.843	9.843	(0.946)	4925981	500.000	470
98	4-Chlorotoluene	91	9.886	9.886	(0.950)	4486780	500.000	450
99	Butyl Methacrylate	87	9.898	9.892	(0.951)	2132979	500.000	570(A)
100	tert-Butylbenzene	119	10.075	10.068	(0.968)	4328916	500.000	500(A)
101	1,2,4-Trimethylbenzene	105	10.117	10.117	(0.972)	5178889	500.000	490
102	2-Octanone	43	10.196	10.190	(0.980)	2681000	500.000	550(A)
103	sec-Butylbenzene	105	10.227	10.226	(0.983)	6161743	500.000	470(A)
105	1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	3316507	500.000	490
107	p-Isopropyltoluene	119	10.330	10.324	(0.993)	5558244	500.000	520(A)
* 108	1,4-Dichlorobenzene-d4	152	10.403	10.397	(1.000)	257987	50.0000	
109	1,4-Dichlorobenzene	146	10.415	10.415	(1.001)	3363657	500.000	470
110	Benzyl Chloride	91	10.519	10.518	(1.011)	3289692	500.000	560(A)
106	n-Butylbenzene	91	10.616	10.616	(1.020)	5337085	500.000	510(A)
111	1,2-Dichlorobenzene	146	10.683	10.683	(1.027)	3265275	500.000	490
112	1,2-Dibromo-3-chloropropane	75	11.243	11.242	(1.081)	309422	500.000	460
114	1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	2063501	500.000	540(A)
115	Hexachlorobutadiene	225	11.942	11.936	(1.148)	1022614	500.000	510(A)
116	Naphthalene	128	12.088	12.088	(1.162)	4537143	500.000	500(A)
117	1,2,3-Trichlorobenzene	180	12.313	12.313	(1.184)	1750693	500.000	540(A)
M 120	1,2-Dichloroethene (Total)	100				2064501	1000.00	970
M 121	Xylene (Total)	100				6684676	1500.00	1600

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63892.d
Report Date: 24-Dec-2011 02:18

QC Flag Legend

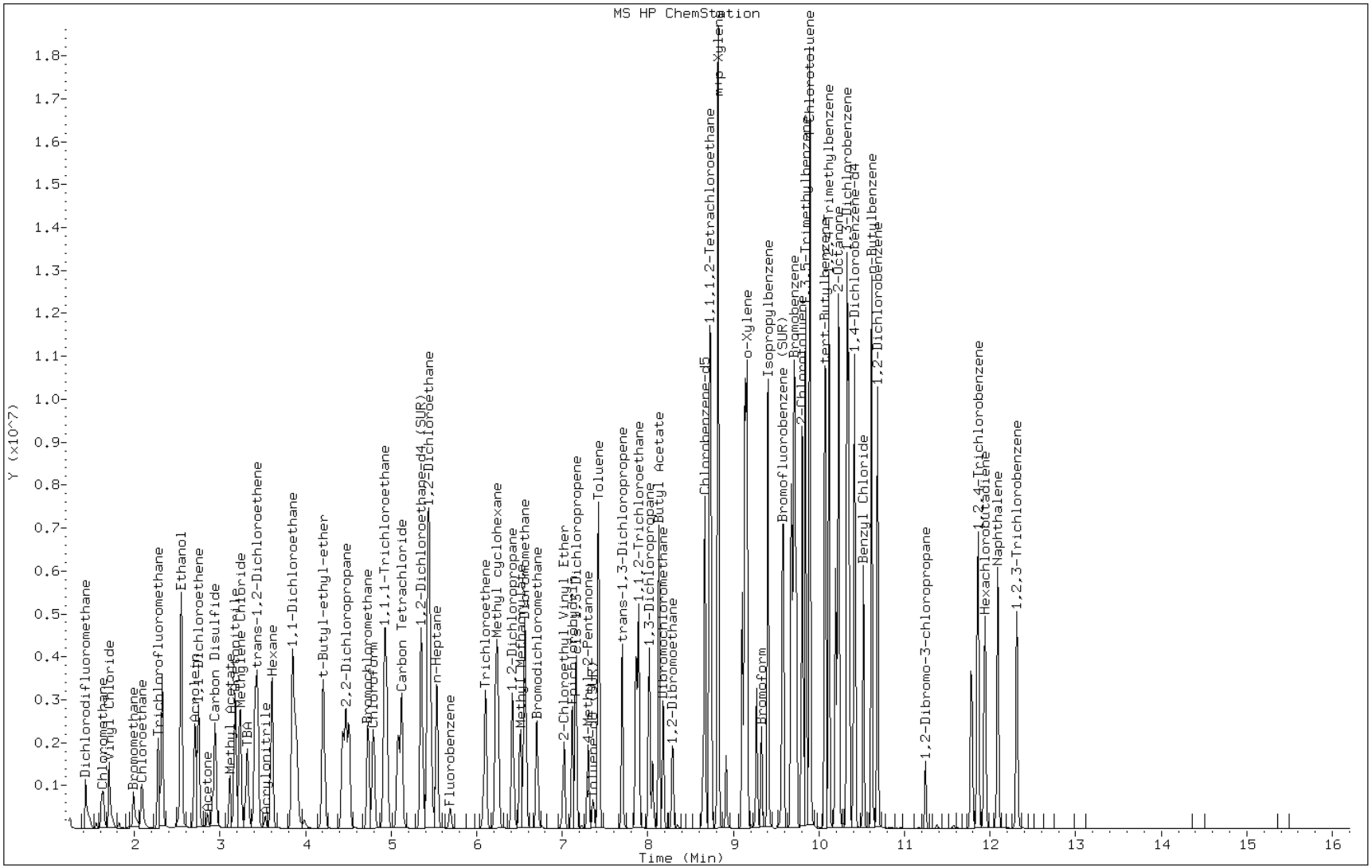
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: c63892.d

Date: 24-DEC-2011 00:17

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL6 Operator:



Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63896.d
Report Date: 24-Dec-2011 02:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63896.d
Lab Smp Id: IC-VMCAL2
Inj Date : 24-DEC-2011 01:47
Operator : Inst ID: VOAMS3.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/8260_09.m
Meth Date : 24-Dec-2011 02:18 ken Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 16 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.424	(0.251)	10192	5.00000	5.3
3 Chloromethane	50	1.624	1.612	(0.286)	12068	5.00000	5.0
4 Vinyl Chloride	62	1.697	1.697	(0.298)	10989	5.00000	4.9
6 Bromomethane	94	1.983	2.002	(0.349)	4564	5.00000	6.0
5 Chloroethane	64	2.087	2.087	(0.367)	8087	5.00000	5.3
7 Trichlorofluoromethane	101	2.269	2.275	(0.399)	14318	5.00000	5.0
9 Ethanol	46	2.494	2.488	(0.438)	17776	2000.00	1700
10 Isoprene	67	2.549	2.549	(0.448)	10708	5.00000	4.7
11 Ethyl Ether	59	2.537	2.531	(0.446)	7208	5.00000	4.6
13 Acrolein	56	2.719	2.719	(0.478)	8461	20.0000	21
15 1,1-Dichloroethene	96	2.744	2.744	(0.482)	6244	5.00000	4.8
14 Freon TF	101	2.701	2.713	(0.475)	6291	5.00000	4.7
16 Acetone	43	2.853	2.847	(0.502)	11013	15.0000	15
18 Carbon Disulfide	76	2.938	2.944	(0.517)	20594	5.00000	5.1
21 Acetonitrile	39	3.164	3.170	(0.556)	5434	100.000	95
27 Methyl Acetate	43	3.109	3.109	(0.547)	10612	5.00000	4.7

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63896.d
Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Methylene Chloride	84	3.230	3.230	(0.568)	7553	5.00000	4.5
	24 TBA	59	3.316	3.309	(0.583)	13861	100.000	88
	25 trans-1,2-Dichloroethene	96	3.431	3.437	(0.603)	7059	5.00000	4.8
	26 Acrylonitrile	53	3.529	3.528	(0.620)	7029	10.0000	10
	28 MTBE	73	3.413	3.407	(0.600)	21714	5.00000	4.7
	29 Hexane	56	3.608	3.608	(0.634)	5872	5.00000	4.7
	30 1,1-Dichloroethane	63	3.875	3.881	(0.681)	14664	5.00000	4.7
	31 Vinyl Acetate	43	3.900	3.906	(0.686)	15382	5.00000	5.5
	32 DIPE	45	3.851	3.851	(0.677)	28388	5.00000	4.3
	35 t-Butyl-ethyl-ether	59	4.210	4.204	(0.740)	23925	5.00000	4.6
	37 2,2-Dichloropropane	77	4.429	4.435	(0.779)	12254	5.00000	4.8
	36 cis-1,2-Dichloroethene	96	4.472	4.465	(0.786)	8301	5.00000	4.9
	38 2-Butanone	72	4.496	4.508	(0.790)	2900	15.0000	14
	39 Ethyl Acetate	70	4.508	4.502	(0.793)	1846	10.0000	10
	40 Bromochloromethane	128	4.727	4.727	(0.831)	4191	5.00000	5.0
	41 Tetrahydrofuran	42	4.733	4.733	(0.832)	2978	5.00000	5.2
	42 Chloroform	83	4.794	4.788	(0.843)	13981	5.00000	4.6
	43 1,1,1-Trichloroethane	97	4.940	4.946	(0.868)	12646	5.00000	4.7
	44 Cyclohexane	56	4.922	4.922	(0.865)	13054	5.00000	4.6
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	10255	5.00000	4.5
	46 1,1-Dichloropropene	75	5.122	5.122	(0.901)	10883	5.00000	4.6
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.372	5.378	(0.944)	104929	50.0000	51
	48 Benzene	78	5.348	5.347	(0.619)	32375	5.00000	4.8
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	11455	5.00000	4.5
	51 n-Heptane	57	5.530	5.524	(0.972)	5226	5.00000	4.3(a)
	50 t-Amyl-methyl-ether	73	5.427	5.433	(0.954)	19666	5.00000	4.4
	61 Isopropyl Acetate	43	5.439	5.433	(0.956)	37229	10.0000	8.4
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	336011	50.0000	
	54 Trichloroethene	95	6.096	6.096	(1.072)	7761	5.00000	4.5
	53 n-Butanol	41	6.072	6.071	(1.067)	32089	1000.00	960
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	12081	5.00000	4.7
	55 Ethyl Acrylate	55	6.248	6.248	(1.098)	20934	5.00000	4.6
	57 1,2-Dichloropropane	63	6.418	6.412	(1.128)	8402	5.00000	4.3
	58 Dibromomethane	93	6.552	6.546	(1.152)	4809	5.00000	4.6
	60 1,4-Dioxane	88	6.540	6.540	(1.150)	1505	100.000	85
	59 Methyl Methacrylate	100	6.510	6.503	(1.144)	1875	5.00000	4.8
	75 Propyl Acetate	43	6.570	6.564	(1.155)	23487	10.0000	8.5
	68 Bromodichloromethane	83	6.692	6.698	(1.176)	11586	5.00000	4.7
	62 2-Chloroethyl Vinyl Ether	63	7.021	7.014	(1.234)	3655	5.00000	3.6
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	12379	100.000	81
	67 cis-1,3-Dichloropropene	75	7.154	7.154	(0.828)	11613	5.00000	4.1
	70 4-Methyl-2-Pentanone	43	7.294	7.300	(0.844)	23734	15.0000	13
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	283170	50.0000	49
	66 Toluene	91	7.422	7.422	(0.859)	35981	5.00000	4.7
	64 trans-1,3-Dichloropropene	75	7.696	7.702	(0.891)	10791	5.00000	4.2
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	6342	5.00000	4.5
	71 Tetrachloroethene	166	7.891	7.890	(0.913)	8462	5.00000	4.6

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63896.d
Report Date: 24-Dec-2011 02:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	72 1,3-Dichloropropane	76	8.012	8.012	(0.927)	12465	5.00000	4.3
	73 2-Hexanone	43	8.055	8.055	(0.932)	16119	15.0000	13
	74 Dibromochloromethane	129	8.176	8.176	(0.946)	7577	5.00000	4.2
	76 Butyl Acetate	73	8.128	8.128	(0.941)	3218	10.0000	7.5
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	7112	5.00000	4.5
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	263762	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	22057	5.00000	4.6
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	8043	5.00000	4.6
	81 Ethylbenzene	106	8.718	8.724	(1.009)	10568	5.00000	4.2
	82 m+p-Xylene	106	8.815	8.815	(1.020)	25390	10.0000	8.3
	84 o-Xylene	106	9.132	9.131	(1.057)	13402	5.00000	4.4
	85 Styrene	104	9.156	9.156	(1.060)	21792	5.00000	4.2
	83 Butyl Acrylate	73	9.101	9.101	(1.054)	4122	5.00000	3.5
	86 Bromoform	173	9.326	9.326	(1.080)	5034	5.00000	4.1
	88 Isopropylbenzene	105	9.405	9.399	(1.089)	32296	5.00000	4.3
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	112503	50.0000	51
	90 Camphene (total)	41	9.576	9.576	(1.108)	3502	5.00000	4.6
	91 Bromobenzene	156	9.673	9.673	(0.930)	9256	5.00000	4.5
	92 1,1,2,2-Tetrachloroethane	83	9.685	9.685	(0.932)	9402	5.00000	4.7
	93 1,2,3-Trichloropropane	110	9.728	9.734	(0.936)	2640	5.00000	4.4
	94 trans-1,4-Dichloro-2-butene	53	9.740	9.734	(0.937)	1481	5.00000	3.4
	95 n-Propylbenzene	91	9.709	9.709	(0.934)	43418	5.00000	4.8
	96 2-Chlorotoluene	91	9.801	9.801	(0.943)	25175	5.00000	4.7
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.947)	28070	5.00000	4.6
	98 4-Chlorotoluene	91	9.886	9.886	(0.951)	27592	5.00000	4.7
	99 Butyl Methacrylate	87	9.898	9.892	(0.952)	8692	5.00000	4.0
	100 tert-Butylbenzene	119	10.068	10.068	(0.968)	22702	5.00000	4.5
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	26733	5.00000	4.3
	102 2-Octanone	43	10.190	10.190	(0.980)	12023	5.00000	4.2
	103 sec-Butylbenzene	105	10.227	10.226	(0.984)	36157	5.00000	4.7
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	18517	5.00000	4.6
	107 p-Isopropyltoluene	119	10.324	10.324	(0.993)	27782	5.00000	4.4
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.397	(1.000)	150928	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	19101	5.00000	4.5
	110 Benzyl Chloride	91	10.519	10.518	(1.012)	14865	5.00000	4.3
	106 n-Butylbenzene	91	10.616	10.616	(1.021)	26488	5.00000	4.3
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.028)	17168	5.00000	4.4
	112 1,2-Dibromo-3-chloropropane	75	11.243	11.242	(1.081)	1682	5.00000	4.3
	114 1,2,4-Trichlorobenzene	180	11.851	11.857	(1.140)	9944	5.00000	4.4
	115 Hexachlorobutadiene	225	11.936	11.936	(1.148)	5564	5.00000	4.8
	116 Naphthalene	128	12.088	12.088	(1.163)	21603	5.00000	4.1
	117 1,2,3-Trichlorobenzene	180	12.307	12.313	(1.184)	8034	5.00000	4.2
M	120 1,2-Dichloroethene (Total)	100				15360	10.0000	9.7
M	121 Xylene (Total)	100				38792	15.0000	13

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63896.d
Report Date: 24-Dec-2011 02:18

QC Flag Legend

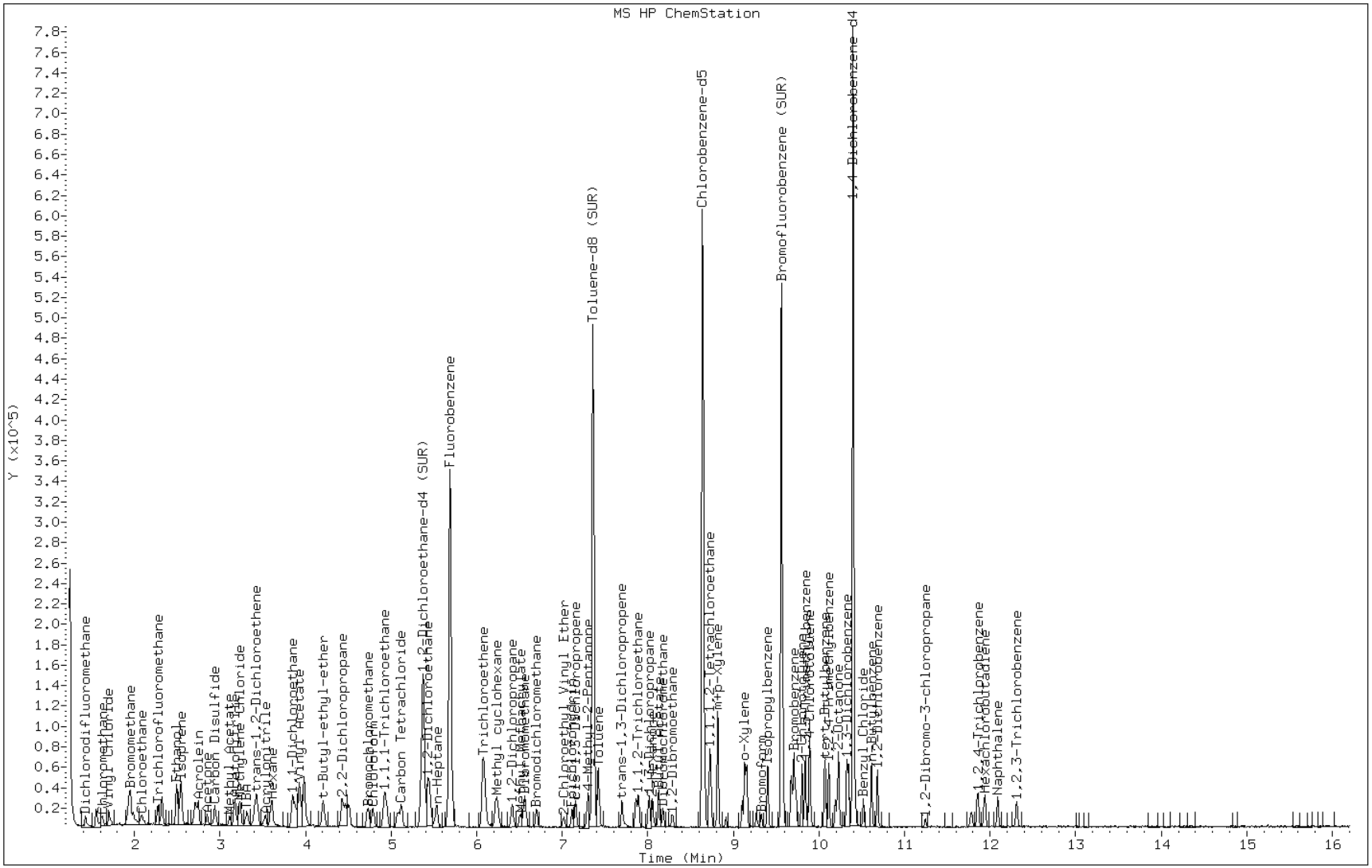
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c63896.d

Date: 24-DEC-2011 01:47

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL2 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Lab Sample ID: CCVIS 460-98481/2 Calibration Date: 01/10/2012 07:45

Instrument ID: VOAMS3 Calib Start Date: 12/23/2011 20:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 12/24/2011 01:47

Lab File ID: c64371.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2880	0.2356		16.4	20.0	-18.2	50.0
Chloromethane	LinF	0.3571	0.2732	0.1000	17.2	20.0	-14.2	50.0
Vinyl chloride	Ave	0.3354	0.2687		16.0	20.0	-19.9	20.0
Bromomethane	QuaF	0.1140	0.0816		17.2	20.0	-13.9	50.0
Chloroethane	Ave	0.2260	0.1983		17.6	20.0	-12.2	50.0
Trichlorofluoromethane	Ave	0.4269	0.4129		19.3	20.0	-3.3	50.0
Ethanol	QuaF	0.0015	0.0008		1800	3000	-40.0	50.0
Ethyl ether	Ave	0.2316	0.2572		22.2	20.0	11.1	50.0
Isopropene	Ave	0.3386	0.3506		20.7	20.0	3.5	50.0
Freon TF	Ave	0.2003	0.2167		21.6	20.0	8.2	50.0
Acrolein	LinF	0.0596	0.0438		31.5	40.0	-21.2	99.0
1,1-Dichloroethene	Ave	0.1939	0.1760		18.2	20.0	-9.2	20.0
Acetone	LinF	0.1063	0.1053		24.0	20.0	20.2	50.0
Carbon disulfide	Ave	0.5977	0.6993		23.4	20.0	17.0	50.0
Methyl acetate	Ave	0.3374	0.3442		20.4	20.0	2.0	50.0
Acetonitrile	LinF	0.0085	0.0076		393	400	-1.7	50.0
Methylene Chloride	LinF	0.2478	0.2365		20.8	20.0	3.8	50.0
TBA	Ave	0.0233	0.0242		415	400	3.8	50.0
MTBE	Ave	0.6910	0.8533		24.7	20.0	23.5	50.0
trans-1,2-Dichloroethene	Ave	0.2178	0.2069		19.0	20.0	-5.0	50.0
Acrylonitrile	Ave	0.1030	0.0929		18.1	20.0	-9.8	50.0
Hexane	Ave	0.1846	0.1628		17.6	20.0	-11.8	50.0
DIPE	Ave	0.9813	1.093		22.3	20.0	11.4	50.0
1,1-Dichloroethane	Ave	0.4671	0.4487	0.1000	19.2	20.0	-3.9	50.0
Vinyl acetate	LinF	0.4188	0.4171		24.2	20.0	20.8	50.0
Tert-butyl ethyl ether	Ave	0.7782	0.8844	0.0100	22.7	20.0	13.6	50.0
2,2-Dichloropropane	Ave	0.3772	0.3583		19.0	20.0	-5.0	50.0
cis-1,2-Dichloroethene	Ave	0.2510	0.2319		18.5	20.0	-7.6	50.0
2-Butanone	Ave	0.0319	0.0313		19.6	20.0	-2.0	50.0
Ethyl acetate	Ave	0.0265	0.0273		41.1	40.0	2.9	50.0
Bromochloromethane	Ave	0.1252	0.1105		17.7	20.0	-11.7	50.0
Tetrahydrofuran	Ave	0.0846	0.0829		19.6	20.0	-2.0	50.0
Chloroform	Ave	0.4474	0.4317		19.3	20.0	-3.5	20.0
Cyclohexane	Ave	0.4231	0.3567		16.9	20.0	-15.7	50.0
1,1,1-Trichloroethane	Ave	0.3986	0.3548		17.8	20.0	-11.0	50.0
Carbon tetrachloride	Ave	0.3376	0.2682		15.9	20.0	-20.6	50.0
1,1-Dichloropropene	Ave	0.3490	0.2827		16.2	20.0	-19.0	50.0
Benzene	Ave	1.283	1.260		19.6	20.0	-1.8	50.0
Isopropyl acetate	Ave	0.6566	0.7027		42.8	40.0	7.0	50.0
Tert-amyl methyl ether	Ave	0.6714	0.7675		22.9	20.0	14.3	50.0
1,2-Dichloroethane	Ave	0.3771	0.3679		19.5	20.0	-2.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Lab Sample ID: CCVIS 460-98481/2 Calibration Date: 01/10/2012 07:45

Instrument ID: VOAMS3 Calib Start Date: 12/23/2011 20:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 12/24/2011 01:47

Lab File ID: c64371.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Heptane	Ave	0.1814	0.1435		15.8	20.0	-20.9	50.0
n-Butanol	Ave	0.0050	0.0036		1080	1500	-27.9	50.0
Trichloroethene	Ave	0.2578	0.2283		17.7	20.0	-11.5	50.0
Methylcyclohexane	Ave	0.3843	0.3080		16.0	20.0	-19.9	50.0
Ethyl acrylate	Ave	0.6771	0.6345		18.7	20.0	-6.3	50.0
1,2-Dichloropropane	Ave	0.2893	0.2535		17.5	20.0	-12.4	20.0
Methyl methacrylate	LinF	0.0577	0.0618		18.6	20.0	-7.0	50.0
1,4-Dioxane	Ave	0.0026	0.0019		106	150	-29.5	50.0
Dibromomethane	Ave	0.1550	0.1410		18.2	20.0	-9.0	50.0
Propyl acetate	Ave	0.4110	0.4084		39.7	40.0	-0.6	50.0
Bromodichloromethane	Ave	0.3675	0.3297		17.9	20.0	-10.3	50.0
2-Chloroethyl vinyl ether	LinF	0.1501	0.1327		15.0	20.0	-25.1	50.0
Epichlorohydrin	Ave	0.0289	0.0319		441	400	10.2	50.0
cis-1,3-Dichloropropene	Ave	0.5311	0.5132		19.3	20.0	-3.4	50.0
4-Methyl-2-pentanone	Ave	0.3425	0.3707		21.6	20.0	8.2	50.0
Toluene	Ave	1.445	1.322		18.3	20.0	-8.5	20.0
trans-1,3-Dichloropropene	Ave	0.4859	0.4840		19.9	20.0	-0.4	50.0
1,1,2-Trichloroethane	Ave	0.2650	0.2463		18.6	20.0	-7.1	50.0
Tetrachloroethene	Ave	0.3509	0.2777		15.8	20.0	-20.9	50.0
1,3-Dichloropropane	Ave	0.5499	0.5077		18.5	20.0	-7.7	50.0
2-Hexanone	Ave	0.2358	0.2364		20.1	20.0	0.2	50.0
Butyl acetate	LinF	0.0817	0.0931		39.0	40.0	-2.4	50.0
Dibromochloromethane	Ave	0.3403	0.3138		18.4	20.0	-7.8	50.0
1,2-Dibromoethane	Ave	0.2985	0.2878		19.3	20.0	-3.6	50.0
Chlorobenzene	Ave	0.8992	0.8370	0.3000	18.6	20.0	-6.9	50.0
Ethylbenzene	Ave	0.4707	0.4138		17.6	20.0	-12.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3303	0.3125		18.9	20.0	-5.4	50.0
m&p-Xylene	Ave	0.5810	0.5094		35.1	40.0	-12.3	50.0
Butyl acrylate	LinF	0.2215	0.2337		17.2	20.0	-14.1	50.0
o-Xylene	Ave	0.5770	0.5361		18.6	20.0	-7.1	50.0
Styrene	Ave	0.9805	0.9565		19.5	20.0	-2.4	50.0
Bromoform	Ave	0.2318	0.1908	0.1000	16.5	20.0	-17.7	50.0
Isopropylbenzene	LinF	1.433	1.172		15.7	20.0	-21.4	50.0
Camphene, Total	Ave	0.1437	0.1313		18.3	20.0	-8.7	50.0
Monobromobenzene	Ave	0.6760	0.6598		19.5	20.0	-2.4	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6557	0.6697	0.3000	20.4	20.0	2.1	50.0
N-Propylbenzene	Ave	2.998	2.837		18.9	20.0	-5.4	50.0
1,2,3-Trichloropropane	Ave	0.1966	0.1964		20.0	20.0	-0.1	50.0
trans-1,4-Dichloro-2-butene	LinF	0.1431	0.2210		27.5	20.0	37.6	50.0
2-Chlorotoluene	Ave	1.788	1.813		20.3	20.0	1.4	50.0
1,3,5-Trimethylbenzene	Ave	2.011	1.959		19.5	20.0	-2.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Lab Sample ID: CCVIS 460-98481/2 Calibration Date: 01/10/2012 07:45

Instrument ID: VOAMS3 Calib Start Date: 12/23/2011 20:50

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 12/24/2011 01:47

Lab File ID: c64371.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	1.935	2.055		21.2	20.0	6.2	50.0
Butyl Methacrylate	LinF	0.7242	0.9149		22.0	20.0	10.2	50.0
tert-Butylbenzene	Ave	1.675	1.401		16.7	20.0	-16.4	50.0
1,2,4-Trimethylbenzene	Ave	2.062	2.060		20.0	20.0	-0.1	50.0
2-Octanone	Ave	0.9477	1.122		23.7	20.0	18.4	50.0
sec-Butylbenzene	Ave	2.559	2.183		17.1	20.0	-14.7	50.0
p-Isopropyltoluene	Ave	2.088	1.786		17.1	20.0	-14.5	50.0
1,3-Dichlorobenzene	Ave	1.323	1.284		19.4	20.0	-2.9	50.0
1,4-Dichlorobenzene	Ave	1.394	1.291		18.5	20.0	-7.4	50.0
Benzyl chloride	Ave	1.146	1.436		25.1	20.0	25.3	50.0
n-Butylbenzene	Ave	2.023	1.633		16.1	20.0	-19.3	50.0
1,2-Dichlorobenzene	Ave	1.285	1.172		18.2	20.0	-8.8	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1296	0.1148		18.9	20.0	-5.6	50.0
1,2,4-Trichlorobenzene	Ave	0.7412	0.6005		16.2	20.0	-19.0	50.0
Hexachlorobutadiene	Ave	0.3849	0.2653		13.8	20.0	-31.1	50.0
Naphthalene	Ave	1.758	1.206		13.7	20.0	-31.4	50.0
1,2,3-Trichlorobenzene	Ave	0.6253	0.4903		15.7	20.0	-21.6	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3063	0.3283		53.6	50.0	7.1	50.0
Toluene-d8 (Surr)	Ave	1.086	1.084		49.9	50.0	-0.1	50.0
Bromofluorobenzene	Ave	0.7332	0.7453		50.8	50.0	1.7	50.0

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64371.d
Report Date: 10-Jan-2012 09:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64371.d
Lab Smp Id: CCVIS
Inj Date : 10-JAN-2012 07:45
Operator : Inst ID: VOAMS3.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.430	(0.251)	42982	20.0000	16
3 Chloromethane	50	1.618	1.618	(0.284)	49843	20.0000	17
4 Vinyl Chloride	62	1.703	1.703	(0.299)	49026	20.0000	16
6 Bromomethane	94	1.995	1.995	(0.351)	14888	20.0000	17
5 Chloroethane	64	2.093	2.093	(0.368)	36190	20.0000	18
7 Trichlorofluoromethane	101	2.281	2.281	(0.401)	75344	20.0000	19
9 Ethanol	46	2.488	2.488	(0.437)	20903	3000.00	1800
10 Isoprene	67	2.549	2.549	(0.448)	63969	20.0000	21
11 Ethyl Ether	59	2.537	2.537	(0.446)	46931	20.0000	22
13 Acrolein	56	2.719	2.719	(0.478)	15991	40.0000	32
15 1,1-Dichloroethene	96	2.750	2.750	(0.483)	32111	20.0000	18
14 Freon TF	101	2.707	2.707	(0.476)	39545	20.0000	22
16 Acetone	43	2.847	2.847	(0.501)	19214	20.0000	24
18 Carbon Disulfide	76	2.945	2.945	(0.518)	127607	20.0000	23
21 Acetonitrile	39	3.176	3.176	(0.558)	27669	400.000	390
27 Methyl Acetate	43	3.109	3.109	(0.547)	62800	20.0000	20

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64371.d
Report Date: 10-Jan-2012 09:15

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	22 Methylene Chloride	84	3.236	3.236	(0.569)	43149	20.0000	21
	24 TBA	59	3.309	3.309	(0.582)	88414	400.000	420
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	37755	20.0000	19
	26 Acrylonitrile	53	3.522	3.522	(0.619)	16958	20.0000	18
	28 MTBE	73	3.407	3.407	(0.599)	155706	20.0000	25
	29 Hexane	56	3.614	3.614	(0.635)	29704	20.0000	18
	30 1,1-Dichloroethane	63	3.881	3.881	(0.682)	81877	20.0000	19
	31 Vinyl Acetate	43	3.900	3.900	(0.686)	76105	20.0000	24
	32 DIPE	45	3.845	3.845	(0.676)	199430	20.0000	22
	35 t-Butyl-ethyl-ether	59	4.204	4.204	(0.739)	161373	20.0000	23
	37 2,2-Dichloropropane	77	4.435	4.435	(0.780)	65387	20.0000	19
	36 cis-1,2-Dichloroethene	96	4.471	4.471	(0.786)	42313	20.0000	18
	38 2-Butanone	72	4.496	4.496	(0.790)	5702	20.0000	20
	39 Ethyl Acetate	70	4.502	4.502	(0.791)	9954	40.0000	41
	40 Bromochloromethane	128	4.727	4.727	(0.831)	20168	20.0000	18
	41 Tetrahydrofuran	42	4.739	4.739	(0.833)	15118	20.0000	20
	42 Chloroform	83	4.788	4.788	(0.842)	78778	20.0000	19
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.870)	64751	20.0000	18
	44 Cyclohexane	56	4.922	4.922	(0.865)	65095	20.0000	17
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	48939	20.0000	16
	46 1,1-Dichloropropene	75	5.122	5.122	(0.901)	51586	20.0000	16
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	149764	50.0000	54
	48 Benzene	78	5.348	5.348	(0.619)	167776	20.0000	20
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	67137	20.0000	20
	51 n-Heptane	57	5.530	5.530	(0.972)	26184	20.0000	16
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.955)	140044	20.0000	23
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	256442	40.0000	43
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	456193	50.0000	
	54 Trichloroethene	95	6.096	6.096	(1.072)	41650	20.0000	18
	53 n-Butanol	41	6.071	6.071	(1.067)	49200	1500.00	1100
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	56195	20.0000	16
	55 Ethyl Acrylate	55	6.248	6.248	(1.098)	115778	20.0000	19
	57 1,2-Dichloropropane	63	6.418	6.418	(1.128)	46261	20.0000	18
	58 Dibromomethane	93	6.552	6.552	(1.152)	25733	20.0000	18
	60 1,4-Dioxane	88	6.552	6.552	(1.152)	2530	150.000	100
	59 Methyl Methacrylate	100	6.503	6.503	(1.143)	11269	20.0000	19
	75 Propyl Acetate	43	6.564	6.564	(1.154)	149056	40.0000	40
	68 Bromodichloromethane	83	6.698	6.698	(1.178)	60170	20.0000	18
	62 2-Chloroethyl Vinyl Ether	63	7.020	7.020	(1.234)	24217	20.0000	15
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	84788	400.000	440
	67 cis-1,3-Dichloropropene	75	7.154	7.154	(0.828)	68311	20.0000	19
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	49343	20.0000	22
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	360821	50.0000	50
	66 Toluene	91	7.422	7.422	(0.859)	175928	20.0000	18
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	64425	20.0000	20
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	32787	20.0000	18
	71 Tetrachloroethene	166	7.890	7.890	(0.913)	36969	20.0000	16

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64371.d
Report Date: 10-Jan-2012 09:15

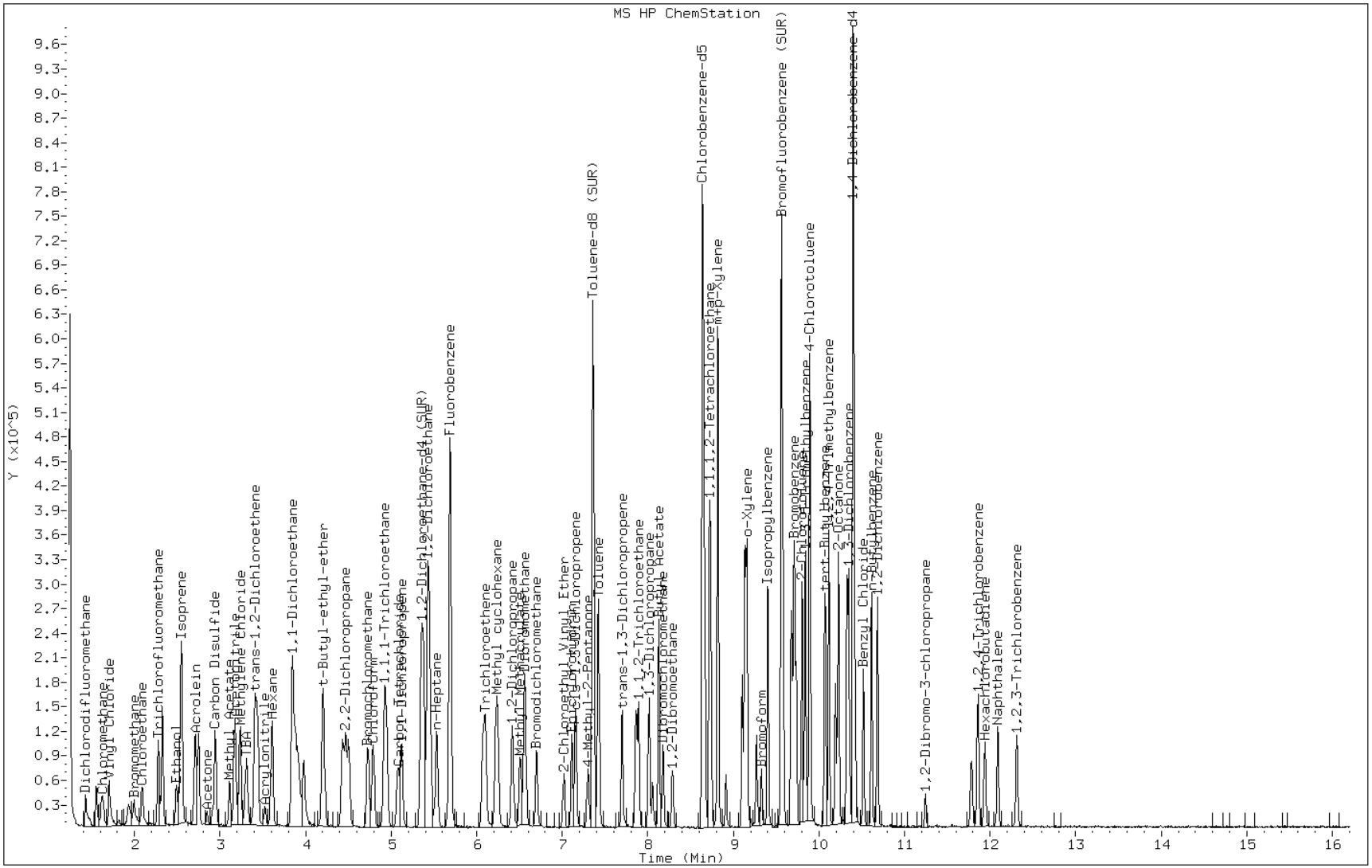
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	72 1,3-Dichloropropane	76	8.012	8.012	(0.927)	67582	20.0000	18
	73 2-Hexanone	43	8.055	8.055	(0.932)	31469	20.0000	20
	74 Dibromochloromethane	129	8.176	8.176	(0.946)	41770	20.0000	18
	76 Butyl Acetate	73	8.128	8.128	(0.941)	24794	40.0000	39
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	38304	20.0000	19
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	332794	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	111423	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	41598	20.0000	19
	81 Ethylbenzene	106	8.724	8.724	(1.010)	55089	20.0000	18
	82 m+p-Xylene	106	8.815	8.815	(1.020)	135610	40.0000	35
	84 o-Xylene	106	9.131	9.131	(1.057)	71365	20.0000	18
	85 Styrene	104	9.156	9.156	(1.060)	127328	20.0000	20
	83 Butyl Acrylate	73	9.101	9.101	(1.054)	31110	20.0000	17
	86 Bromoform	173	9.326	9.326	(1.080)	25404	20.0000	16
	88 Isopropylbenzene	105	9.405	9.405	(1.089)	156023	20.0000	16
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.919)	135681	50.0000	51
	90 Camphene (total)	41	9.576	9.576	(1.108)	17475	20.0000	18
	91 Bromobenzene	156	9.673	9.673	(0.930)	48039	20.0000	20
	92 1,1,2,2-Tetrachloroethane	83	9.691	9.691	(0.932)	48764	20.0000	20
	93 1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	14297	20.0000	20
	94 trans-1,4-Dichloro-2-butene	53	9.740	9.740	(0.936)	16092	20.0000	28
	95 n-Propylbenzene	91	9.709	9.709	(0.933)	206546	20.0000	19
	96 2-Chlorotoluene	91	9.801	9.801	(0.942)	131979	20.0000	20
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.946)	142653	20.0000	19
	98 4-Chlorotoluene	91	9.886	9.886	(0.950)	149647	20.0000	21
	99 Butyl Methacrylate	87	9.898	9.898	(0.951)	66615	20.0000	22
	100 tert-Butylbenzene	119	10.068	10.068	(0.968)	102032	20.0000	17
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.972)	149962	20.0000	20
	102 2-Octanone	43	10.190	10.190	(0.980)	81702	20.0000	24
	103 sec-Butylbenzene	105	10.227	10.227	(0.983)	158923	20.0000	17
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	93526	20.0000	19
	107 p-Isopropyltoluene	119	10.324	10.324	(0.992)	130014	20.0000	17
*	108 1,4-Dichlorobenzene-d4	152	10.403	10.403	(1.000)	182030	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.001)	94029	20.0000	18
	110 Benzyl Chloride	91	10.519	10.519	(1.011)	104531	20.0000	25
	106 n-Butylbenzene	91	10.616	10.616	(1.020)	118873	20.0000	16
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.027)	85323	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	11.242	11.242	(1.081)	8355	20.0000	19
	114 1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	43725	20.0000	16
	115 Hexachlorobutadiene	225	11.942	11.942	(1.148)	19315	20.0000	14
	116 Naphthalene	128	12.088	12.088	(1.162)	87832	20.0000	14
	117 1,2,3-Trichlorobenzene	180	12.313	12.313	(1.184)	35702	20.0000	16
M	120 1,2-Dichloroethene (Total)	100				80068	40.0000	37
M	121 Xylene (Total)	100				206975	60.0000	54

Data File: c64371.d

Date: 10-JAN-2012 07:45

Client ID: Instrument: VOAMS3.i

Sample Info: CCVIS Operator:



Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63881.d
Report Date: 24-Dec-2011 00:16

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63881.d
Lab Smp Id: BFB
Inj Date : 23-DEC-2011 20:07
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

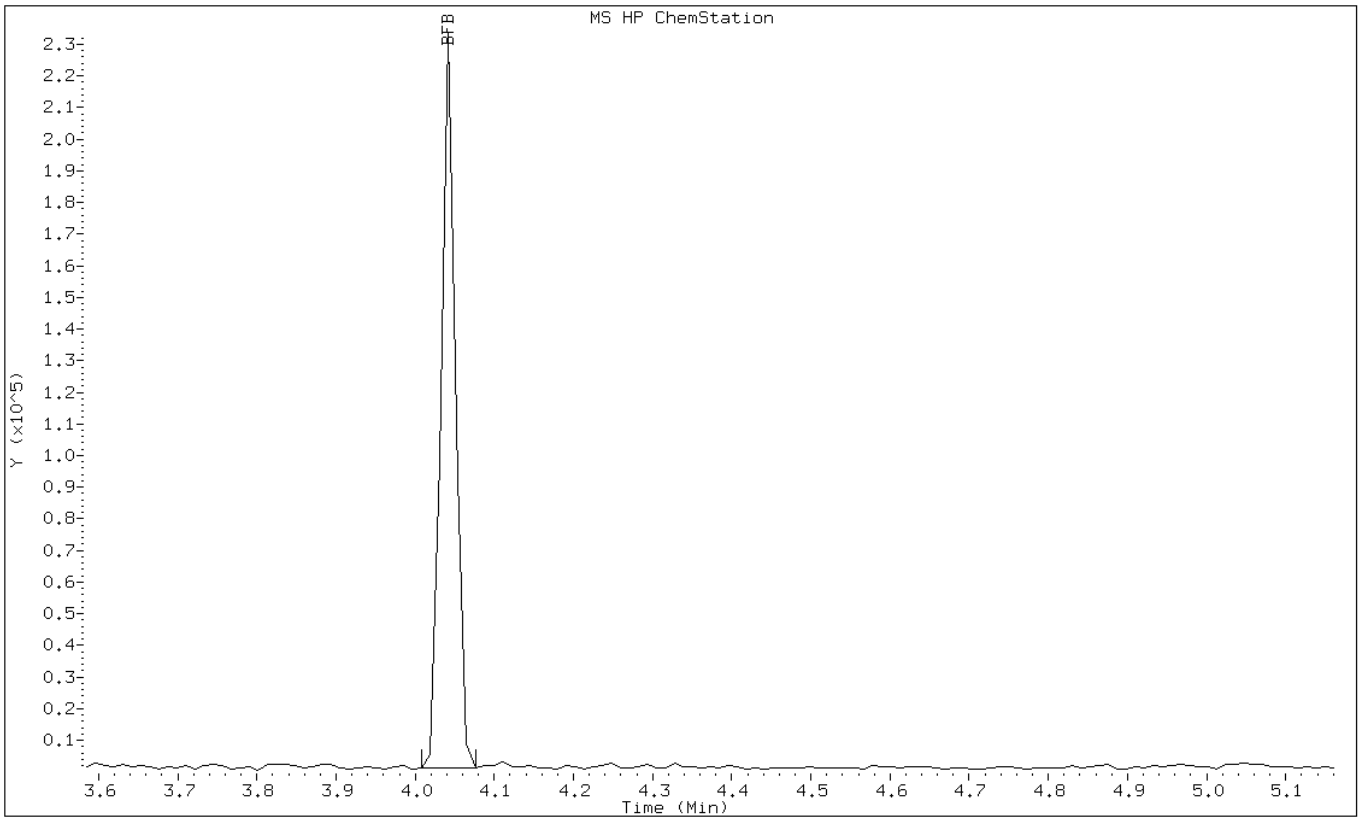
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.042	4.300 (0.000)	95	26536			0.00- 100.00	100.00
4.042	4.300 (0.000)	50	5561			15.00- 40.00	20.96
4.042	4.300 (0.000)	75	13520			30.00- 60.00	50.95
4.042	4.300 (0.000)	96	1907			5.00- 9.00	7.19
4.042	4.300 (0.000)	173	190			0.00- 2.00	0.77
4.042	4.300 (0.000)	174	24818			50.00- 100.00	93.53
4.042	4.300 (0.000)	175	2053			5.00- 9.00	8.27
4.042	4.300 (0.000)	176	24672			95.00- 101.00	99.41
4.042	4.300 (0.000)	177	1821			5.00- 9.00	7.38

Data File: c63881.d

Date: 23-DEC-2011 20:07

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



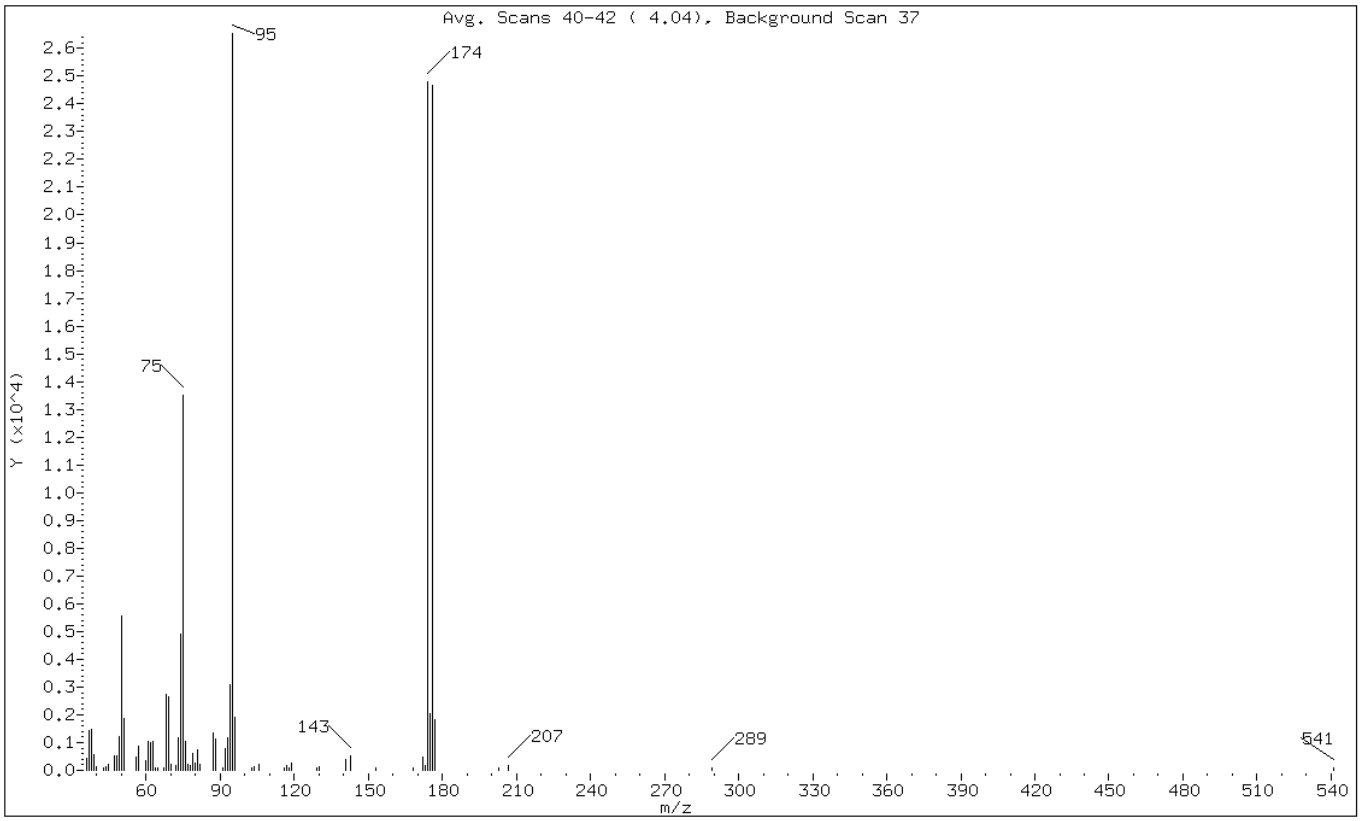
Data File: c63881.d

Date: 23-DEC-2011 20:07

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.96
75	30.00 - 60.00% of mass 95	50.95
96	5.00 - 9.00% of mass 95	7.19
173	Less than 2.00% of mass 174	0.72 (0.77)
174	50.00 - 100.00% of mass 95	93.53
175	5.00 - 9.00% of mass 174	7.74 (8.27)
176	95.00 - 101.00% of mass 174	92.98 (99.41)
177	5.00 - 9.00% of mass 176	6.86 (7.38)

Data File: c63881.d

Date: 23-DEC-2011 20:07

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b/c63881.d
Spectrum: Avg. Scans 40-42 (4.04), Background Scan 37
Location of Maximum: 95.00
Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	450	62.00	994	81.00	746	129.00	86
37.00	1439	63.00	1053	82.00	197	130.00	150
38.00	1473	64.00	98	87.00	1358	141.00	397
39.00	577	65.00	84	88.00	1135	143.00	535
40.00	121	67.00	92	91.00	74	153.00	90
43.00	93	68.00	2755	92.00	762	168.00	68
44.00	128	69.00	2642	93.00	1179	172.00	475
45.00	201	70.00	226	94.00	3086	173.00	190
47.00	529	72.00	184	95.00	26536	174.00	24816
48.00	509	73.00	1172	96.00	1907	175.00	2053
49.00	1213	74.00	4923	103.00	88	176.00	24672
50.00	5561	75.00	13520	104.00	122	177.00	1821
51.00	1874	76.00	1036	106.00	217	203.00	75
56.00	470	77.00	199	116.00	91	207.00	163
57.00	847	78.00	163	117.00	158	289.00	70
60.00	350	79.00	591	118.00	66	541.00	76
61.00	1025	80.00	249	119.00	256		

Data File: c64370.d
Report Date: 10-Jan-2012 07:06

TestAmerica

Data file : /chem/clients/voa3/VOAMS3/8260high/12-23-11/10jan12.b/c64370.d
Lab Smp Id: BFB
Inj Date : 10-JAN-2012 06:59
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

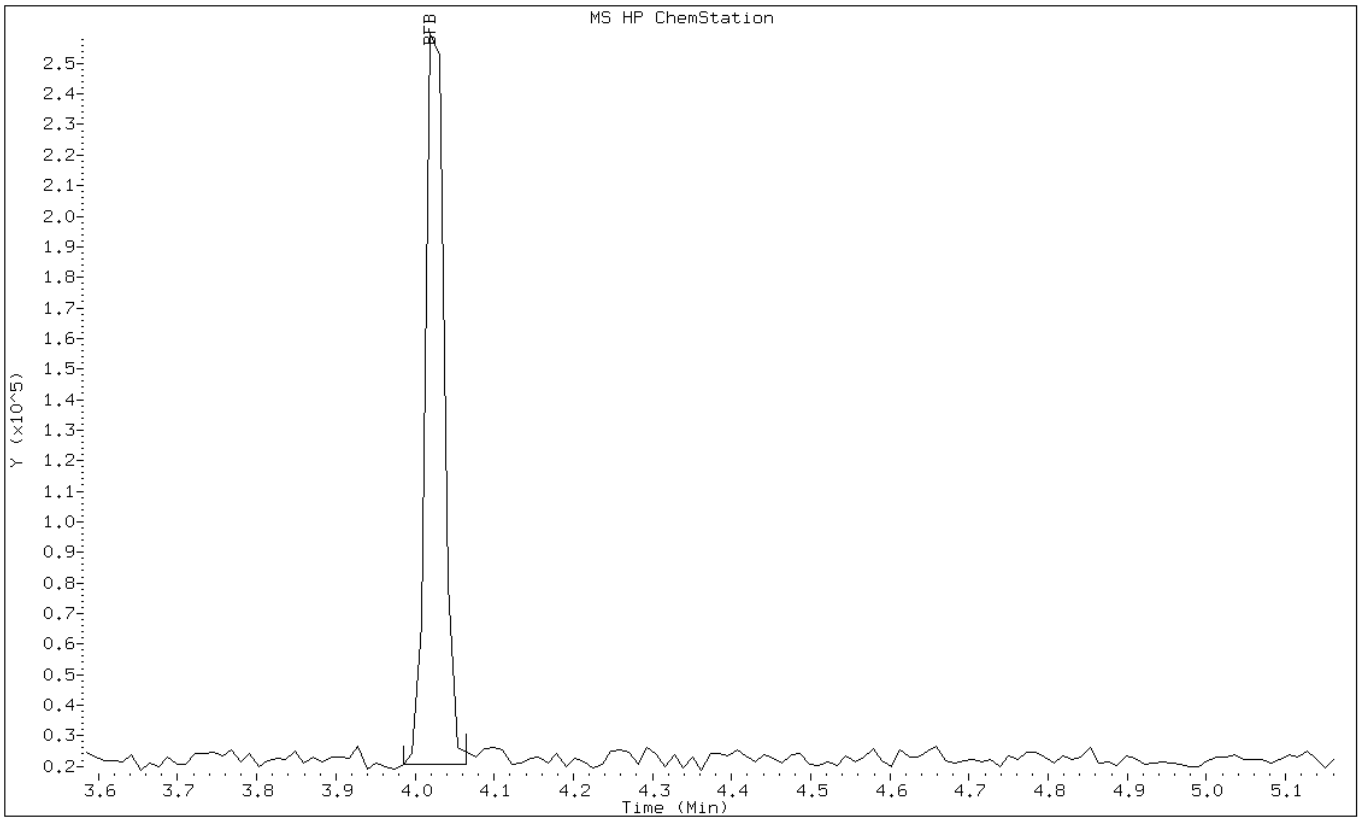
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.019	4.300 (0.000)	95	45200			0.00- 100.00	100.00
4.019	4.300 (0.000)	50	9134			15.00- 40.00	20.21
4.019	4.300 (0.000)	75	22456			30.00- 60.00	49.68
4.019	4.300 (0.000)	96	3372			5.00- 9.00	7.46
4.019	4.300 (0.000)	173	0			0.00- 2.00	0.00
4.019	4.300 (0.000)	174	40520			50.00- 100.00	89.65
4.019	4.300 (0.000)	175	3001			5.00- 9.00	7.41
4.019	4.300 (0.000)	176	39104			95.00- 101.00	96.51
4.019	4.300 (0.000)	177	1995			5.00- 9.00	5.10

Data File: c64370.d

Date: 10-JAN-2012 06:59

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



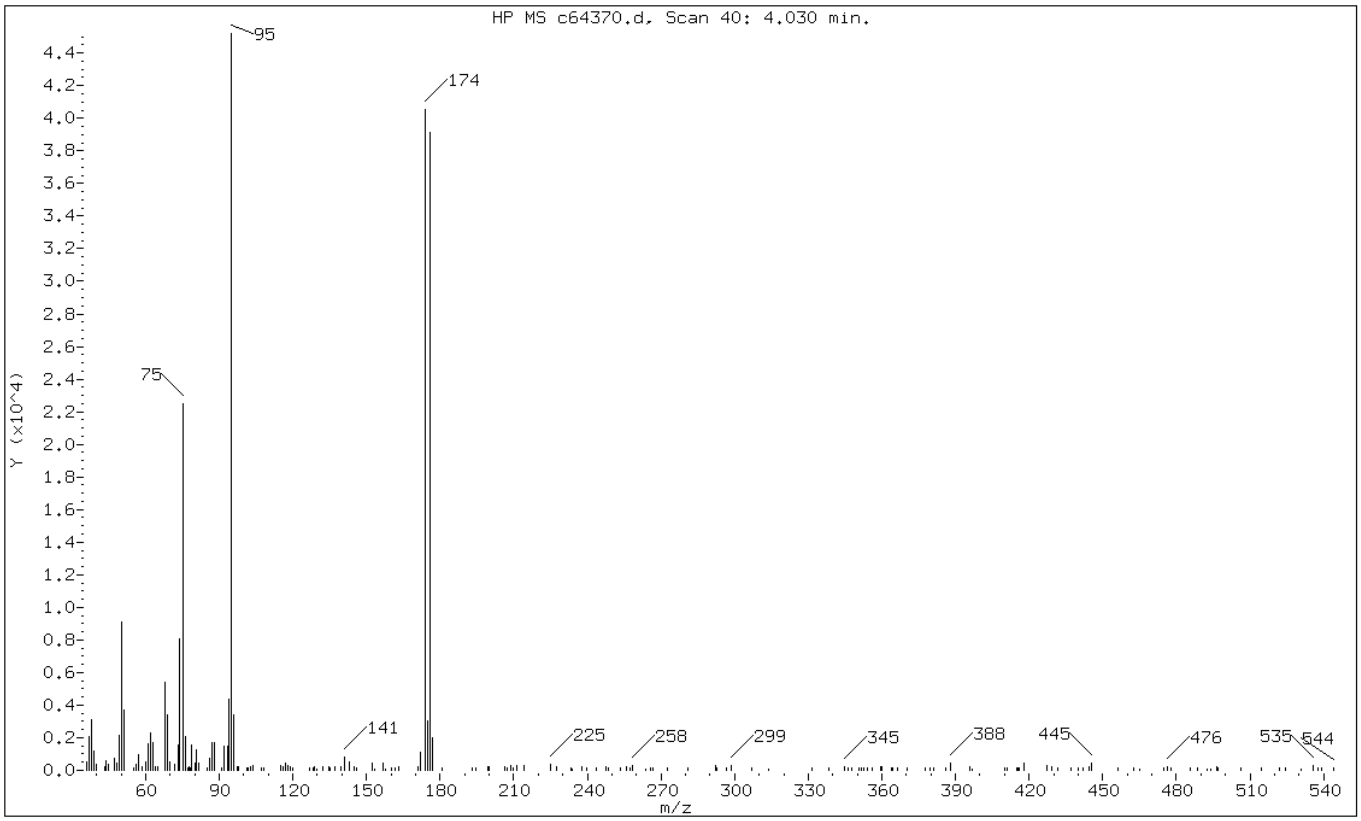
Data File: c64370.d

Date: 10-JAN-2012 06:59

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.21
75	30.00 - 60.00% of mass 95	49.68
96	5.00 - 9.00% of mass 95	7.46
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	89.65
175	5.00 - 9.00% of mass 174	6.64 (7.41)
176	95.00 - 101.00% of mass 174	86.51 (96.51)
177	5.00 - 9.00% of mass 176	4.41 (5.10)

Data File: c64370.d

Date: 10-JAN-2012 06:59

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64370.d
Spectrum: HP MS c64370.d, Scan 40: 4.030 min.
Location of Maximum: 95.10
Number of points: 185

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	523	95.10	45200	200.10	208	370.10	136
37.20	2037	96.00	3372	206.30	246	377.70	121
38.10	3073	97.30	249	207.10	170	379.40	153
39.00	1217	98.00	217	209.00	297	380.90	120
40.10	374	101.10	134	209.70	111	386.20	177
43.20	243	101.80	120	211.50	330	388.00	460
44.00	625	102.80	247	214.20	268	395.90	224
45.00	355	103.70	261	225.20	354	396.90	107
47.10	754	107.00	154	227.60	190	409.90	120
48.10	422	108.10	141	233.40	166	411.10	173
48.40	173	115.10	277	234.00	102	414.80	119
49.20	2182	116.20	190	237.70	217	415.30	175
50.10	9134	116.90	480	239.60	133	415.90	119
51.20	3666	118.10	322	243.90	166	418.10	408
55.30	112	118.80	237	247.60	200	427.30	292
56.00	349	119.90	182	248.40	128	429.00	195
57.00	956	126.80	166	253.30	127	431.70	126
58.60	209	128.20	163	255.90	196	437.10	131
60.10	540	128.70	148	257.40	179	440.10	132
61.10	1633	129.00	250	258.30	328	441.90	154
62.10	2285	129.70	110	263.80	110	444.40	201
63.10	1712	132.20	191	265.60	135	445.60	436
64.00	189	134.80	214	266.90	159	456.00	126
65.10	224	135.40	112	272.50	181	462.80	136
68.10	5400	137.00	204	281.20	118	464.90	108
69.10	3426	139.70	226	292.20	279	474.70	122
70.10	547	140.90	832	292.80	114	476.50	247
71.80	398	143.10	519	296.70	134	477.60	112
73.10	1521	145.00	206	298.80	292	485.80	146
74.00	8083	146.10	135	306.80	168	488.60	160
75.10	22456	152.30	452	313.90	104	492.70	103
76.10	2077	153.40	101	331.70	136	494.20	104
77.30	154	156.90	466	338.50	167	496.60	246
77.60	186	157.80	102	344.90	250	497.20	183
78.30	168	160.20	116	346.20	162	506.20	141
78.90	1524	161.80	143	347.90	141	514.50	118
80.00	425	163.20	220	350.60	147	521.90	152
80.90	1274	170.90	246	351.90	154	524.70	171
81.90	416	171.90	1114	352.60	138	531.00	110
85.10	151	174.00	40520	354.10	141	535.60	295

86.10	722	175.10	3001	356.20	165	535.90	171
87.00	1696	176.00	39104	359.50	236	537.80	119
88.20	1691	177.00	1995	360.00	200	539.00	167
90.90	137	180.80	149	363.70	124	544.10	160
91.90	1492	193.30	134	364.50	122		
93.20	1493	194.50	158	366.40	147		
94.00	4347	199.30	209	366.60	146		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-98481/4

Matrix: Water Lab File ID: c64374.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 08:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.21
74-83-9	Bromomethane	1.0	U	1.0	0.31
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
67-64-1	Acetone	5.0	U	5.0	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
67-66-3	Chloroform	1.0	U	1.0	0.15
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
78-93-3	2-Butanone	5.0	U	5.0	0.82
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
75-27-4	Bromodichloromethane	1.0	U	1.0	0.093
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
79-01-6	Trichloroethene	1.0	U	1.0	0.18
124-48-1	Dibromochloromethane	1.0	U	1.0	0.11
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
75-25-2	Bromoform	1.0	U	1.0	0.10
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.68
591-78-6	2-Hexanone	5.0	U	5.0	0.55
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
108-88-3	Toluene	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
100-42-5	Styrene	1.0	U	1.0	0.13
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-98481/4

Matrix: Water Lab File ID: c64374.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 08:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-122
2037-26-5	Toluene-d8 (Surr)	96		69-125
460-00-4	Bromofluorobenzene	100		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64374.d
Report Date: 10-Jan-2012 09:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64374.d
Lab Smp Id: MB
Inj Date : 10-JAN-2012 08:58
Operator : Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

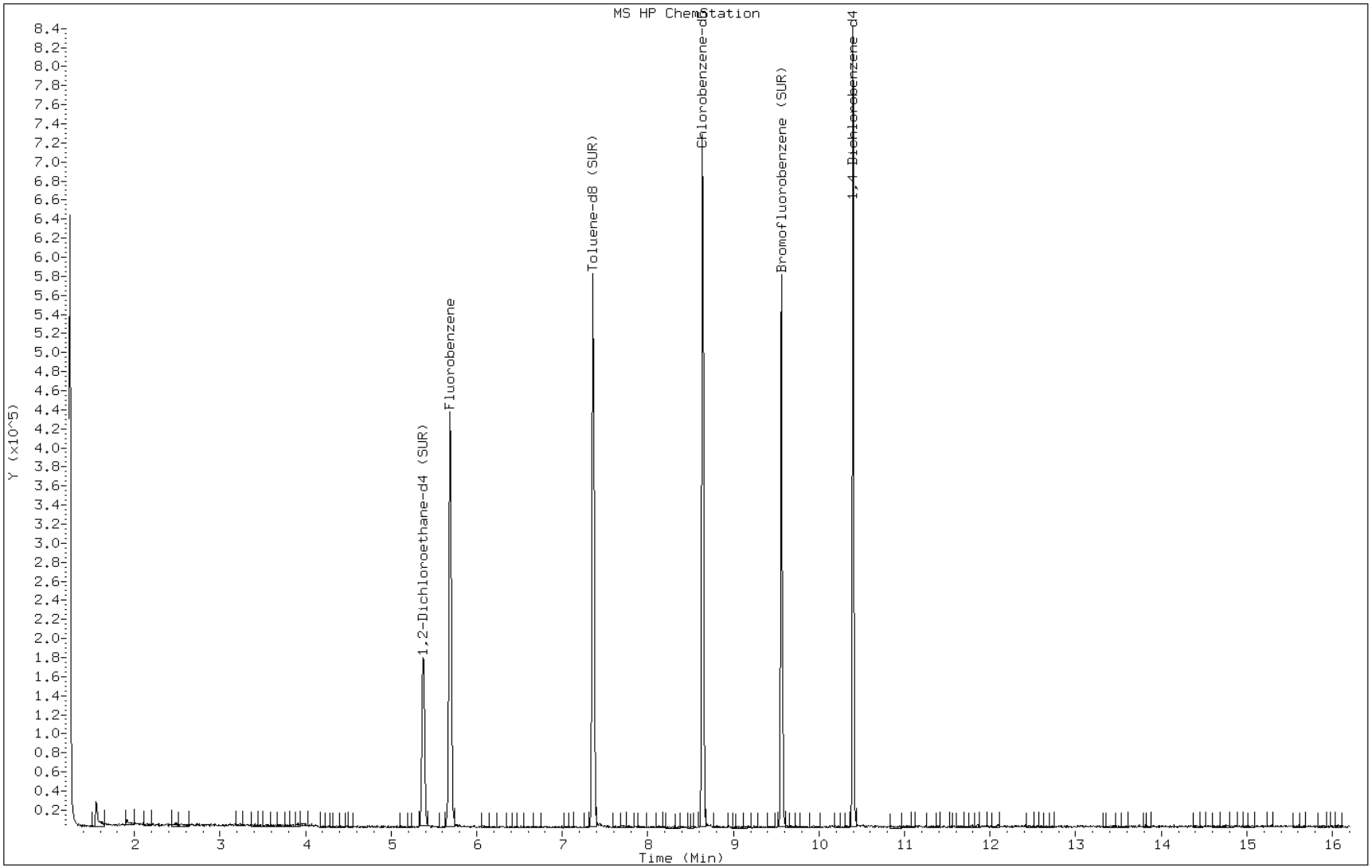
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	141994	55.7748	56
* 52 Fluorobenzene	96	5.688	5.688	(1.000)	415514	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	320638	48.1391	48
* 78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	306790	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	116811	50.1912	50
* 108 1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	158715	50.0000	

Data File: c64374.d

Date: 10-JAN-2012 08:58

Client ID: Instrument: VOAMS3.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-35494-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-98481/3

Matrix: Water | Lab File ID: c64372.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 01/10/2012 08:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 98481 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	20.9		1.0	0.21
74-83-9	Bromomethane	17.2		1.0	0.31
75-01-4	Vinyl chloride	18.5		1.0	0.13
75-00-3	Chloroethane	17.8		1.0	0.45
75-09-2	Methylene Chloride	20.4		1.0	0.19
67-64-1	Acetone	19.6		5.0	2.5
75-15-0	Carbon disulfide	19.4		1.0	0.15
75-35-4	1,1-Dichloroethene	18.8		1.0	0.14
75-34-3	1,1-Dichloroethane	19.0		1.0	0.10
156-60-5	trans-1,2-Dichloroethene	19.5		1.0	0.14
156-59-2	cis-1,2-Dichloroethene	18.1		1.0	0.20
67-66-3	Chloroform	19.9		1.0	0.15
107-06-2	1,2-Dichloroethane	21.1		1.0	0.24
78-93-3	2-Butanone	15.7		5.0	0.82
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.25
56-23-5	Carbon tetrachloride	19.3		1.0	0.19
75-27-4	Bromodichloromethane	19.4		1.0	0.093
78-87-5	1,2-Dichloropropane	18.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.2		1.0	0.11
79-01-6	Trichloroethene	18.7		1.0	0.18
124-48-1	Dibromochloromethane	18.7		1.0	0.11
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.10
71-43-2	Benzene	19.7		1.0	0.13
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.12
75-25-2	Bromoform	17.7		1.0	0.10
108-10-1	4-Methyl-2-pentanone	17.3		5.0	0.68
591-78-6	2-Hexanone	16.6		5.0	0.55
127-18-4	Tetrachloroethene	18.8		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	20.2		1.0	0.090
108-88-3	Toluene	18.8		1.0	0.090
108-90-7	Chlorobenzene	19.3		1.0	0.16
100-41-4	Ethylbenzene	18.6		1.0	0.25
100-42-5	Styrene	19.8		1.0	0.13
1330-20-7	Xylenes, Total	57.5		3.0	0.43

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-98481/3

Matrix: Water Lab File ID: c64372.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 08:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-122
2037-26-5	Toluene-d8 (Surr)	99		69-125
460-00-4	Bromofluorobenzene	105		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64372.d
Report Date: 10-Jan-2012 09:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64372.d
Lab Smp Id: LCS
Inj Date : 10-JAN-2012 08:10
Operator : Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.430	(0.251)	48795	18.9675	19
3 Chloromethane	50	1.618	1.618	(0.284)	59383	20.8732	21
4 Vinyl Chloride	62	1.704	1.703	(0.299)	55521	18.5315	18
6 Bromomethane	94	2.002	1.995	(0.352)	14594	17.2484	17
5 Chloroethane	64	2.093	2.093	(0.368)	35968	17.8163	18
7 Trichlorofluoromethane	101	2.281	2.281	(0.401)	74680	19.5816	20
9 Ethanol	46	2.488	2.488	(0.437)	28306	2409.34	2400
10 Isoprene	67	2.555	2.549	(0.449)	61371	20.2894	20
11 Ethyl Ether	59	2.531	2.537	(0.445)	39588	19.1386	19
13 Acrolein	56	2.720	2.719	(0.478)	15031	30.2754	30
15 1,1-Dichloroethene	96	2.750	2.750	(0.483)	32522	18.7784	19
14 Freon TF	101	2.707	2.707	(0.476)	41887	23.4075	23
16 Acetone	43	2.847	2.847	(0.501)	15317	19.5796	20
18 Carbon Disulfide	76	2.945	2.945	(0.518)	103347	19.3555	19
21 Acetonitrile	39	3.170	3.176	(0.557)	24149	350.354	350
27 Methyl Acetate	43	3.109	3.109	(0.547)	53455	17.7370	18

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64372.d
Report Date: 10-Jan-2012 09:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	3.231	3.236	(0.568)	41488	20.3957	20
	24 TBA	59	3.304	3.309	(0.581)	73354	351.920	350
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	37884	19.4724	19
	26 Acrylonitrile	53	3.529	3.522	(0.620)	15267	16.5974	16
	28 MTBE	73	3.407	3.407	(0.599)	123560	20.0173	20
	29 Hexane	56	3.608	3.614	(0.634)	34695	21.0429	21
	30 1,1-Dichloroethane	63	3.881	3.881	(0.682)	79365	19.0201	19
	31 Vinyl Acetate	43	3.900	3.900	(0.686)	69371	22.4864	22
	32 DIPE	45	3.845	3.845	(0.676)	162037	18.4860	18
	35 t-Butyl-ethyl-ether	59	4.204	4.204	(0.739)	131049	18.8520	19
	37 2,2-Dichloropropane	77	4.435	4.435	(0.780)	66735	19.8038	20
	36 cis-1,2-Dichloroethene	96	4.465	4.471	(0.785)	40642	18.1264	18
	38 2-Butanone	72	4.502	4.496	(0.791)	4468	15.6888	16
	39 Ethyl Acetate	70	4.508	4.502	(0.793)	7504	31.6833	32
	40 Bromochloromethane	128	4.727	4.727	(0.831)	20615	18.4331	18
	41 Tetrahydrofuran	42	4.727	4.739	(0.831)	13594	17.9919	18
	42 Chloroform	83	4.788	4.788	(0.842)	79400	19.8669	20
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.870)	68330	19.1924	19
	44 Cyclohexane	56	4.928	4.922	(0.866)	68877	18.2260	18
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	58051	19.2509	19
	46 1,1-Dichloropropene	75	5.122	5.122	(0.901)	55728	17.8741	18
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	146069	53.3768	53
	48 Benzene	78	5.348	5.348	(0.619)	167997	19.7154	20
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	71035	21.0872	21
	51 n-Heptane	57	5.530	5.530	(0.972)	31719	19.5747	20
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.955)	112649	18.7825	19
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	211074	35.9862	36
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	446642	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.073)	43056	18.6952	19
	53 n-Butanol	41	6.072	6.071	(1.067)	52989	1189.39	1200
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	64384	18.7561	19
	55 Ethyl Acrylate	55	6.242	6.248	(1.097)	110390	18.2511	18
	57 1,2-Dichloropropane	63	6.412	6.418	(1.127)	46870	18.1365	18
	58 Dibromomethane	93	6.546	6.552	(1.151)	27435	19.8194	20
	60 1,4-Dioxane	88	6.540	6.552	(1.150)	2861	122.202	120
	59 Methyl Methacrylate	100	6.503	6.503	(1.143)	8443	14.2346	14
	75 Propyl Acetate	43	6.564	6.564	(1.154)	120733	32.8814	33
	68 Bromodichloromethane	83	6.698	6.698	(1.178)	63706	19.4037	19
	62 2-Chloroethyl Vinyl Ether	63	7.021	7.020	(1.234)	19177	12.1183	12
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	66996	348.891	350
	67 cis-1,3-Dichloropropene	75	7.154	7.154	(0.828)	71271	20.2031	20
	70 4-Methyl-2-Pentanone	43	7.294	7.300	(0.844)	39352	17.2991	17
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	357936	49.6414	50
	66 Toluene	91	7.422	7.422	(0.859)	180438	18.7985	19
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	61476	19.0472	19
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	34067	19.3533	19
	71 Tetrachloroethene	166	7.891	7.890	(0.913)	43730	18.7606	19

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64372.d
Report Date: 10-Jan-2012 09:20

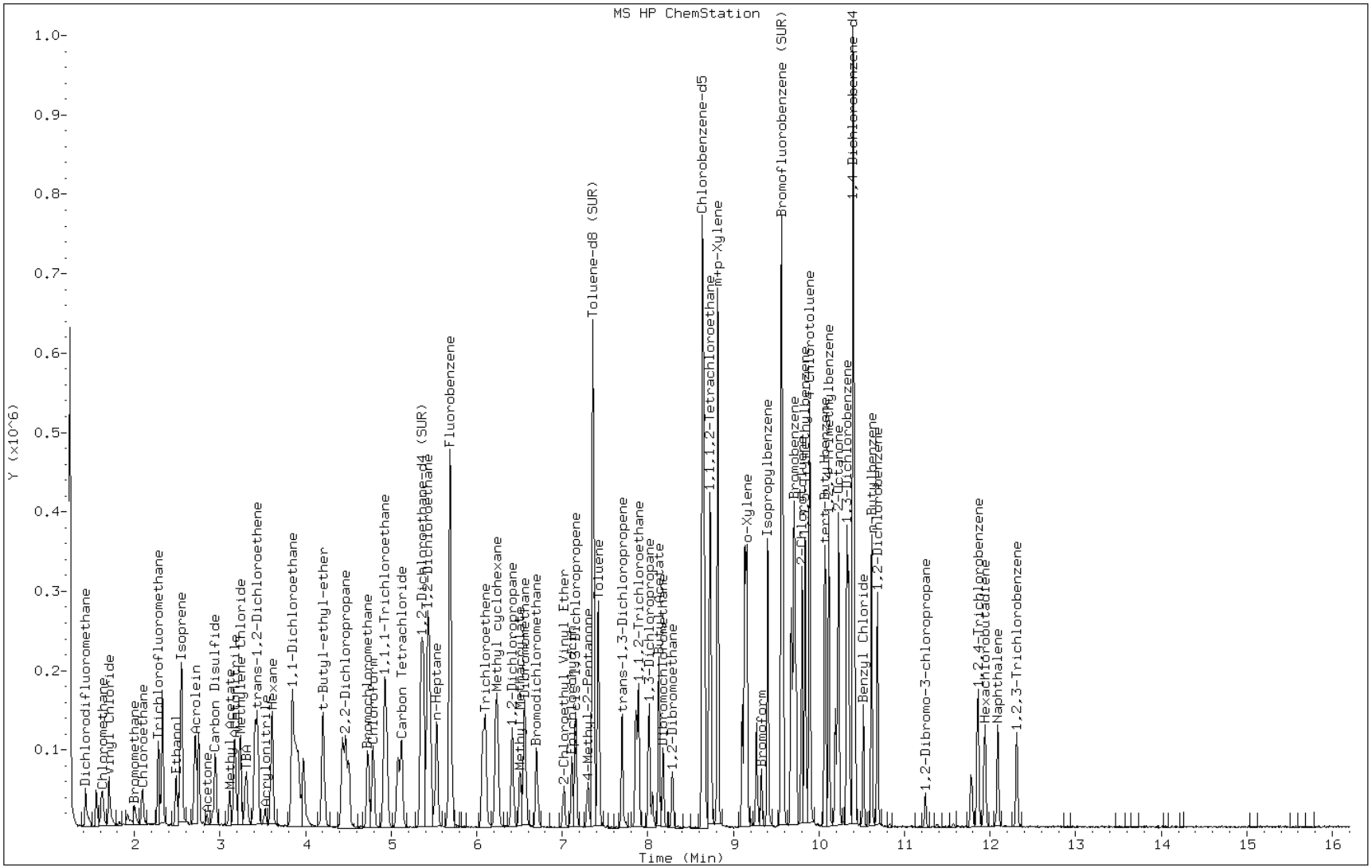
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	72 1,3-Dichloropropane	76	8.012	8.012	(0.927)	67842	18.5728	18
	73 2-Hexanone	43	8.055	8.055	(0.932)	25998	16.5982	16
	74 Dibromochloromethane	129	8.176	8.176	(0.946)	42173	18.6578	19
	76 Butyl Acetate	73	8.128	8.128	(0.941)	19365	30.5502	30
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	36983	18.6547	19
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	332113	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	115192	19.2864	19
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	41362	18.8512	19
	81 Ethylbenzene	106	8.724	8.724	(1.010)	58008	18.5518	18
	82 m+p-Xylene	106	8.815	8.815	(1.020)	148481	38.4753	38
	84 o-Xylene	106	9.132	9.131	(1.057)	73081	19.0695	19
	85 Styrene	104	9.156	9.156	(1.060)	128789	19.7752	20
	83 Butyl Acrylate	73	9.101	9.101	(1.054)	25121	13.8975	14
	86 Bromoform	173	9.326	9.326	(1.080)	27295	17.7287	18
	88 Isopropylbenzene	105	9.399	9.405	(1.088)	187350	18.9240	19
$	89 Bromofluorobenzene (SUR)	174	9.564	9.563	(0.920)	139109	52.5625	52
	90 Camphene (total)	41	9.576	9.576	(1.108)	23089	24.1824	24
	91 Bromobenzene	156	9.673	9.673	(0.930)	49624	20.3359	20
	92 1,1,2,2-Tetrachloroethane	83	9.685	9.691	(0.932)	47721	20.1608	20
	93 1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	14863	20.9456	21
	94 trans-1,4-Dichloro-2-butene	53	9.734	9.740	(0.936)	14047	24.2237	24
	95 n-Propylbenzene	91	9.710	9.709	(0.934)	237317	21.9291	22
	96 2-Chlorotoluene	91	9.801	9.801	(0.943)	142007	22.0040	22
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.947)	159760	22.0059	22
	98 4-Chlorotoluene	91	9.886	9.886	(0.951)	154970	22.1860	22
	99 Butyl Methacrylate	87	9.892	9.898	(0.951)	55407	18.4809	18
	100 tert-Butylbenzene	119	10.068	10.068	(0.968)	126446	20.9072	21
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	167633	22.5219	22
	102 2-Octanone	43	10.190	10.190	(0.980)	69642	20.3586	20
	103 sec-Butylbenzene	105	10.227	10.227	(0.984)	198481	21.4880	21
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	97358	20.3935	20
	107 p-Isopropyltoluene	119	10.324	10.324	(0.993)	160728	21.3237	21
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	180485	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	101983	20.2614	20
	110 Benzyl Chloride	91	10.519	10.519	(1.012)	80185	19.3849	19
	106 n-Butylbenzene	91	10.616	10.616	(1.021)	149926	20.5288	20
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.028)	89218	19.2386	19
	112 1,2-Dibromo-3-chloropropane	75	11.243	11.242	(1.081)	8569	19.5306	20
	114 1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	45315	16.9378	17
	115 Hexachlorobutadiene	225	11.936	11.942	(1.148)	24114	17.3568	17
	116 Naphthalene	128	12.088	12.088	(1.163)	95105	14.9870	15
	117 1,2,3-Trichlorobenzene	180	12.313	12.313	(1.184)	38445	17.0339	17
M	120 1,2-Dichloroethene (Total)	100				78526	37.5988	38
M	121 Xylene (Total)	100				221562	57.5448	58

Data File: c64372.d

Date: 10-JAN-2012 08:10

Client ID: Instrument: VOAMS3.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-35494-1

SDG No.:

Client Sample ID: MW-34I MS | Lab Sample ID: 460-35494-2 MS

Matrix: Water | Lab File ID: c64383.d

Analysis Method: 8260B | Date Collected: 01/06/2012 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 01/10/2012 12:31

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 98481 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	188		10	2.1
74-83-9	Bromomethane	149		10	3.1
75-01-4	Vinyl chloride	178		10	1.3
75-00-3	Chloroethane	169		10	4.5
75-09-2	Methylene Chloride	203		10	1.9
67-64-1	Acetone	194		50	25
75-15-0	Carbon disulfide	181		10	1.5
75-35-4	1,1-Dichloroethene	197		10	1.4
75-34-3	1,1-Dichloroethane	195		10	1.0
156-60-5	trans-1,2-Dichloroethene	184		10	1.4
156-59-2	cis-1,2-Dichloroethene	295		10	2.0
67-66-3	Chloroform	194		10	1.5
107-06-2	1,2-Dichloroethane	210		10	2.4
78-93-3	2-Butanone	165		50	8.2
71-55-6	1,1,1-Trichloroethane	184		10	2.5
56-23-5	Carbon tetrachloride	191		10	1.9
75-27-4	Bromodichloromethane	184		10	0.93
78-87-5	1,2-Dichloropropane	172		10	0.90
10061-01-5	cis-1,3-Dichloropropene	188		10	1.1
79-01-6	Trichloroethene	3290		10	1.8
124-48-1	Dibromochloromethane	186		10	1.1
79-00-5	1,1,2-Trichloroethane	185		10	1.0
71-43-2	Benzene	194		10	1.3
10061-02-6	trans-1,3-Dichloropropene	185		10	1.2
75-25-2	Bromoform	173		10	1.0
108-10-1	4-Methyl-2-pentanone	176		50	6.8
591-78-6	2-Hexanone	167		50	5.5
127-18-4	Tetrachloroethene	190		10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	192		10	0.90
108-88-3	Toluene	190		10	0.90
108-90-7	Chlorobenzene	191		10	1.6
100-41-4	Ethylbenzene	189		10	2.5
100-42-5	Styrene	199		10	1.3
1330-20-7	Xylenes, Total	572		30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: MW-34I MS Lab Sample ID: 460-35494-2 MS

Matrix: Water Lab File ID: c64383.d

Analysis Method: 8260B Date Collected: 01/06/2012 11:35

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 12:31

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-122
2037-26-5	Toluene-d8 (Surr)	100		69-125
460-00-4	Bromofluorobenzene	101		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64383.d
Report Date: 11-Jan-2012 08:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64383.d
Lab Smp Id: 460-35494-A-2MS
Inj Date : 10-JAN-2012 12:31
Operator : Inst ID: VOAMS3.i
Smp Info : 460-35494-A-2MS;10
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 13 QC Sample: MS
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.430	(0.251)	44328	18.0829	180
3 Chloromethane	50	1.618	1.618	(0.284)	50905	18.7776	190
4 Vinyl Chloride	62	1.703	1.703	(0.299)	50766	17.7820	180
6 Bromomethane	94	2.002	1.995	(0.352)	12028	14.9351	150
5 Chloroethane	64	2.093	2.093	(0.368)	32528	16.9088	170
7 Trichlorofluoromethane	101	2.281	2.281	(0.401)	69982	19.2568	190
9 Ethanol	46	2.488	2.488	(0.437)	26590	2379.24	24000
10 Isoprene	67	2.555	2.549	(0.449)	54088	18.7655	190
11 Ethyl Ether	59	2.531	2.537	(0.445)	36605	18.5713	180
13 Acrolein	56	2.719	2.719	(0.478)	12205	25.7984	260
15 1,1-Dichloroethene	96	2.750	2.750	(0.483)	32573	19.7376	200
14 Freon TF	101	2.707	2.707	(0.476)	36452	21.3772	210
16 Acetone	43	2.853	2.847	(0.502)	14479	19.4232	190
18 Carbon Disulfide	76	2.944	2.945	(0.518)	92222	18.1257	180
21 Acetonitrile	39	3.170	3.176	(0.557)	22767	346.631	3500
27 Methyl Acetate	43	3.109	3.109	(0.547)	50309	17.5183	180

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64383.d
Report Date: 11-Jan-2012 08:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	3.236	3.236	(0.569)	39270	20.2596	200
	24 TBA	59	3.303	3.309	(0.581)	65467	329.607	3300
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	34198	18.4467	180
	26 Acrylonitrile	53	3.528	3.522	(0.620)	13651	15.5742	160
	28 MTBE	73	3.407	3.407	(0.599)	115123	19.5724	200
	29 Hexane	56	3.608	3.614	(0.634)	30361	19.3245	190
	30 1,1-Dichloroethane	63	3.881	3.881	(0.682)	77693	19.5397	200
	31 Vinyl Acetate	43	3.906	3.900	(0.687)	65893	22.4148	220
	32 DIPE	45	3.845	3.845	(0.676)	148691	17.8019	180
	35 t-Butyl-ethyl-ether	59	4.210	4.204	(0.740)	119915	18.1030	180
	37 2,2-Dichloropropane	77	4.429	4.435	(0.779)	58882	18.3371	180
	36 cis-1,2-Dichloroethene	96	4.465	4.471	(0.785)	63116	29.5413	300(R)
	38 2-Butanone	72	4.502	4.496	(0.791)	4474	16.4864	160
	39 Ethyl Acetate	70	4.508	4.502	(0.792)	7873	34.8844	350
	40 Bromochloromethane	128	4.727	4.727	(0.831)	19095	17.9180	180
	41 Tetrahydrofuran	42	4.733	4.739	(0.832)	12271	17.0437	170
	42 Chloroform	83	4.788	4.788	(0.842)	74043	19.4423	190
	43 1,1,1-Trichloroethane	97	4.940	4.946	(0.868)	62483	18.4176	180
	44 Cyclohexane	56	4.922	4.922	(0.865)	61611	17.1092	170
	45 Carbon Tetrachloride	117	5.080	5.080	(0.893)	54975	19.1320	190
	46 1,1-Dichloropropene	75	5.122	5.122	(0.901)	48453	16.3089	160
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	141612	54.3060	54
	48 Benzene	78	5.354	5.348	(0.620)	155427	19.3904	190
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	67410	21.0002	210
	51 n-Heptane	57	5.530	5.530	(0.972)	26677	17.2769	170
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.955)	105793	18.5113	180
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	197514	35.3389	350
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	425604	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.073)	721534	328.782	3300(R)
	53 n-Butanol	41	6.071	6.071	(1.067)	51921	1223.02	12000
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	58443	17.8670	180
	55 Ethyl Acrylate	55	6.242	6.248	(1.097)	104356	18.1063	180
	57 1,2-Dichloropropane	63	6.412	6.418	(1.127)	42448	17.2374	170
	58 Dibromomethane	93	6.546	6.552	(1.151)	24565	18.6233	190
	60 1,4-Dioxane	88	6.540	6.552	(1.150)	2042	91.5314	920
	59 Methyl Methacrylate	100	6.503	6.503	(1.143)	7748	13.7086	140
	75 Propyl Acetate	43	6.564	6.564	(1.154)	114237	32.6502	330
	68 Bromodichloromethane	83	6.704	6.698	(1.179)	57518	18.3850	180
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	58178	322.074	3200
	67 cis-1,3-Dichloropropene	75	7.154	7.154	(0.828)	62516	18.8388	190
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	37630	17.5852	180
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	338333	49.8815	50
	66 Toluene	91	7.422	7.422	(0.859)	171367	18.9792	190
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	56282	18.5375	180
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	30613	18.4877	180
	71 Tetrachloroethene	166	7.890	7.890	(0.913)	41567	18.9572	190
	72 1,3-Dichloropropane	76	8.012	8.012	(0.927)	65862	19.1677	190

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64383.d
Report Date: 11-Jan-2012 08:46

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	73 2-Hexanone	43	8.055	8.055	(0.932)	24663	16.7388	170
	74 Dibromochloromethane	129	8.176	8.176	(0.946)	39549	18.6003	190
	76 Butyl Acetate	73	8.134	8.128	(0.942)	18067	30.2997	300
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	35388	18.9758	190
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	312413	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	107226	19.0847	190
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	39578	19.1756	190
	81 Ethylbenzene	106	8.724	8.724	(1.010)	55657	18.9224	190
	82 m+p-Xylene	106	8.815	8.815	(1.020)	139003	38.2906	380
	84 o-Xylene	106	9.131	9.131	(1.057)	68288	18.9425	190
	85 Styrene	104	9.156	9.156	(1.060)	121786	19.8791	200
	83 Butyl Acrylate	73	9.101	9.101	(1.054)	23458	13.7959	140
	86 Bromoform	173	9.326	9.326	(1.080)	25052	17.2979	170
	88 Isopropylbenzene	105	9.399	9.405	(1.088)	170138	18.2691	180
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	132743	50.7339	51
	90 Camphene (total)	41	9.576	9.576	(1.108)	14877	16.5641	160
	91 Bromobenzene	156	9.673	9.673	(0.930)	47083	19.5165	200
	92 1,1,2,2-Tetrachloroethane	83	9.685	9.691	(0.932)	44902	19.1880	190
	93 1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	14258	20.3240	200
	94 trans-1,4-Dichloro-2-butene	53	9.734	9.740	(0.936)	14859	25.9187	260(R)
	95 n-Propylbenzene	91	9.709	9.709	(0.934)	227378	21.2523	210
	96 2-Chlorotoluene	91	9.801	9.801	(0.943)	131312	20.5808	200
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.947)	150433	20.9595	210
	98 4-Chlorotoluene	91	9.886	9.886	(0.951)	147630	21.3783	210
	99 Butyl Methacrylate	87	9.892	9.898	(0.951)	51893	17.5079	180
	100 tert-Butylbenzene	119	10.068	10.068	(0.968)	120611	20.1718	200
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	153102	20.8062	210
	102 2-Octanone	43	10.190	10.190	(0.980)	61686	18.2402	180
	103 sec-Butylbenzene	105	10.226	10.227	(0.984)	189243	20.7234	210
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	90847	19.2485	190
	107 p-Isopropyltoluene	119	10.324	10.324	(0.993)	150811	20.2381	200
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	178433	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	96281	19.3485	190
	110 Benzyl Chloride	91	10.518	10.519	(1.012)	70489	17.2369	170
	106 n-Butylbenzene	91	10.616	10.616	(1.021)	137274	19.0126	190
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.028)	84646	18.4626	180
	112 1,2-Dibromo-3-chloropropane	75	11.242	11.242	(1.081)	8099	18.6717	190
	114 1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	42620	16.1137	160
	115 Hexachlorobutadiene	225	11.942	11.942	(1.149)	22209	16.1695	160
	116 Naphthalene	128	12.088	12.088	(1.163)	80324	12.8033	130(R)
	117 1,2,3-Trichlorobenzene	180	12.307	12.313	(1.184)	33473	15.0015	150(R)
M	120 1,2-Dichloroethene (Total)	100				97314	47.9880	480
M	121 Xylene (Total)	100				207291	57.2330	570

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64383.d
Report Date: 11-Jan-2012 08:46

QC Flag Legend

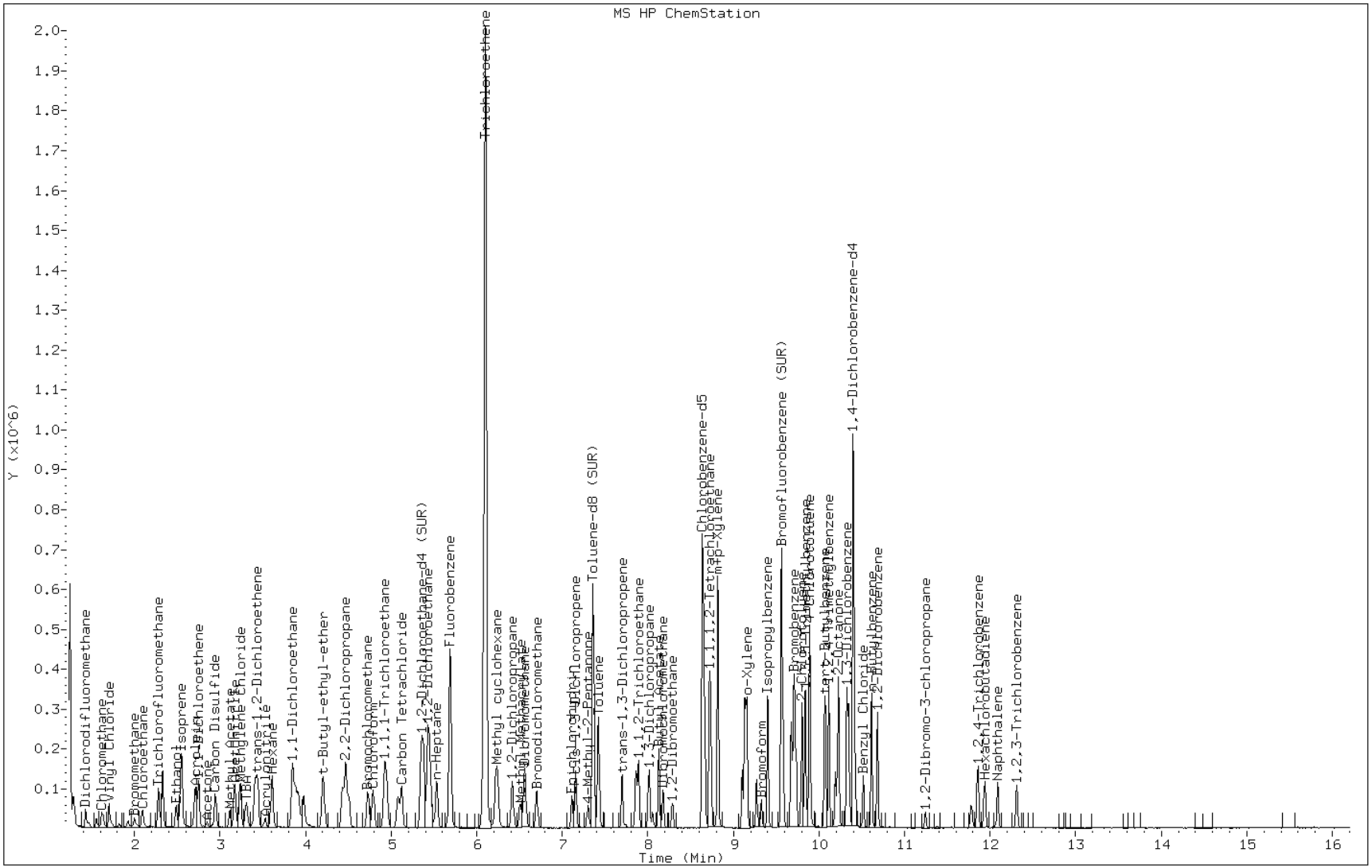
R - Spike/Surrogate failed recovery limits.

Data File: c64383.d

Date: 10-JAN-2012 12:31

Client ID: Instrument: VOAMS3.i

Sample Info: 460-35494-A-2MS;10 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-35494-1

SDG No.:

Client Sample ID: MW-34I MSD | Lab Sample ID: 460-35494-2 MSD

Matrix: Water | Lab File ID: c64384.d

Analysis Method: 8260B | Date Collected: 01/06/2012 11:35

Sample wt/vol: 5(mL) | Date Analyzed: 01/10/2012 12:53

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 98481 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	214		10	2.1
74-83-9	Bromomethane	204		10	3.1
75-01-4	Vinyl chloride	199		10	1.3
75-00-3	Chloroethane	179		10	4.5
75-09-2	Methylene Chloride	213		10	1.9
67-64-1	Acetone	212		50	25
75-15-0	Carbon disulfide	196		10	1.5
75-35-4	1,1-Dichloroethene	217		10	1.4
75-34-3	1,1-Dichloroethane	206		10	1.0
156-60-5	trans-1,2-Dichloroethene	204		10	1.4
156-59-2	cis-1,2-Dichloroethene	315		10	2.0
67-66-3	Chloroform	203		10	1.5
107-06-2	1,2-Dichloroethane	219		10	2.4
78-93-3	2-Butanone	168		50	8.2
71-55-6	1,1,1-Trichloroethane	199		10	2.5
56-23-5	Carbon tetrachloride	192		10	1.9
75-27-4	Bromodichloromethane	197		10	0.93
78-87-5	1,2-Dichloropropane	183		10	0.90
10061-01-5	cis-1,3-Dichloropropene	199		10	1.1
79-01-6	Trichloroethene	3390		10	1.8
124-48-1	Dibromochloromethane	190		10	1.1
79-00-5	1,1,2-Trichloroethane	194		10	1.0
71-43-2	Benzene	203		10	1.3
10061-02-6	trans-1,3-Dichloropropene	200		10	1.2
75-25-2	Bromoform	185		10	1.0
108-10-1	4-Methyl-2-pentanone	165		50	6.8
591-78-6	2-Hexanone	159		50	5.5
127-18-4	Tetrachloroethene	186		10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	203		10	0.90
108-88-3	Toluene	191		10	0.90
108-90-7	Chlorobenzene	198		10	1.6
100-41-4	Ethylbenzene	193		10	2.5
100-42-5	Styrene	203		10	1.3
1330-20-7	Xylenes, Total	602		30	4.3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Client Sample ID: MW-34I MSD Lab Sample ID: 460-35494-2 MSD

Matrix: Water Lab File ID: c64384.d

Analysis Method: 8260B Date Collected: 01/06/2012 11:35

Sample wt/vol: 5(mL) Date Analyzed: 01/10/2012 12:53

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 98481 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-122
2037-26-5	Toluene-d8 (Surr)	99		69-125
460-00-4	Bromofluorobenzene	103		69-135

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64384.d
Report Date: 11-Jan-2012 08:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64384.d
Lab Smp Id: 460-35494-A-2MSD
Inj Date : 10-JAN-2012 12:53
Operator : Inst ID: VOAMS3.i
Smp Info : 460-35494-A-2MSD;10
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/8260_09.m
Meth Date : 10-Jan-2012 09:15 desais Quant Type: ISTD
Cal Date : 24-DEC-2011 01:47 Cal File: c63896.d
Als bottle: 14 QC Sample: MSD
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.430	1.430	(0.251)	44928	18.1431	180
3 Chloromethane	50	1.618	1.618	(0.284)	58577	21.3901	210
4 Vinyl Chloride	62	1.703	1.703	(0.299)	57448	19.9199	200
6 Bromomethane	94	2.001	1.995	(0.352)	16641	20.4010	200
5 Chloroethane	64	2.093	2.093	(0.368)	34789	17.9021	180
7 Trichlorofluoromethane	101	2.281	2.281	(0.401)	75004	20.4309	200
9 Ethanol	46	2.482	2.488	(0.436)	30918	2689.24	27000
10 Isoprene	67	2.549	2.549	(0.448)	59365	20.3890	200
11 Ethyl Ether	59	2.537	2.537	(0.446)	37994	19.0819	190
13 Acrolein	56	2.719	2.719	(0.478)	14222	29.7593	300
15 1,1-Dichloroethene	96	2.744	2.750	(0.482)	36098	21.6534	220
14 Freon TF	101	2.707	2.707	(0.476)	37890	21.9968	220
16 Acetone	43	2.847	2.847	(0.501)	15951	21.1825	210
18 Carbon Disulfide	76	2.944	2.945	(0.518)	100876	19.6270	200
21 Acetonitrile	39	3.169	3.176	(0.557)	25294	381.228	3800
27 Methyl Acetate	43	3.115	3.109	(0.548)	51220	17.6559	180

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64384.d
Report Date: 11-Jan-2012 08:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	3.236	3.236	(0.569)	41680	21.2864	210
	24 TBA	59	3.309	3.309	(0.582)	71014	353.936	3500
	25 trans-1,2-Dichloroethene	96	3.437	3.437	(0.604)	38282	20.4418	200
	26 Acrylonitrile	53	3.528	3.522	(0.620)	15023	16.9669	170
	28 MTBE	73	3.407	3.407	(0.599)	122072	20.5449	200
	29 Hexane	56	3.607	3.614	(0.634)	30192	19.0235	190
	30 1,1-Dichloroethane	63	3.881	3.881	(0.682)	82685	20.5859	200
	31 Vinyl Acetate	43	3.906	3.900	(0.687)	69216	23.3081	230
	32 DIPE	45	3.845	3.845	(0.676)	155368	18.4140	180
	35 t-Butyl-ethyl-ether	59	4.204	4.204	(0.739)	126611	18.9215	190
	37 2,2-Dichloropropane	77	4.435	4.435	(0.780)	62666	19.3191	190
	36 cis-1,2-Dichloroethene	96	4.471	4.471	(0.786)	67926	31.4726	310(R)
	38 2-Butanone	72	4.502	4.496	(0.791)	4600	16.7801	170
	39 Ethyl Acetate	70	4.508	4.502	(0.792)	8114	35.5904	360
	40 Bromochloromethane	128	4.727	4.727	(0.831)	21100	19.6001	200
	41 Tetrahydrofuran	42	4.739	4.739	(0.833)	11740	16.1420	160
	42 Chloroform	83	4.788	4.788	(0.842)	78003	20.2759	200
	43 1,1,1-Trichloroethane	97	4.946	4.946	(0.870)	68175	19.8931	200
	44 Cyclohexane	56	4.922	4.922	(0.865)	65704	18.0622	180
	45 Carbon Tetrachloride	117	5.086	5.080	(0.894)	55727	19.1984	190
	46 1,1-Dichloropropene	75	5.122	5.122	(0.901)	54116	18.0317	180
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.378	5.378	(0.945)	145784	55.3431	55
	48 Benzene	78	5.353	5.348	(0.620)	166972	20.2763	200
	49 1,2-Dichloroethane	62	5.463	5.463	(0.960)	71113	21.9308	220
	51 n-Heptane	57	5.530	5.530	(0.972)	27804	17.8255	180
	50 t-Amyl-methyl-ether	73	5.433	5.433	(0.955)	108523	18.7978	190
	61 Isopropyl Acetate	43	5.433	5.433	(0.955)	198655	35.1852	350
*	52 Fluorobenzene	96	5.688	5.688	(1.000)	429932	50.0000	
	54 Trichloroethene	95	6.102	6.096	(1.073)	751000	338.764	3400(R)
	53 n-Butanol	41	6.071	6.071	(1.067)	54214	1264.18	13000
	56 Methyl cyclohexane	83	6.230	6.230	(1.095)	60969	18.4516	180
	55 Ethyl Acrylate	55	6.242	6.248	(1.097)	107263	18.4234	180
	57 1,2-Dichloropropane	63	6.412	6.418	(1.127)	45622	18.3398	180
	58 Dibromomethane	93	6.552	6.552	(1.152)	27276	20.4704	200
	60 1,4-Dioxane	88	6.534	6.552	(1.149)	2768	122.825	1200
	59 Methyl Methacrylate	100	6.515	6.503	(1.145)	8735	15.2993	150
	75 Propyl Acetate	43	6.564	6.564	(1.154)	114587	32.4205	320
	68 Bromodichloromethane	83	6.704	6.698	(1.179)	62322	19.7200	200
	63 Epichlorohydrin	57	7.112	7.112	(0.823)	60213	324.468	3200
	67 cis-1,3-Dichloropropene	75	7.154	7.154	(0.828)	67710	19.8609	200
	70 4-Methyl-2-Pentanone	43	7.300	7.300	(0.845)	36218	16.4749	160
$	65 Toluene-d8 (SUR)	98	7.361	7.361	(0.852)	345458	49.5765	50
	66 Toluene	91	7.422	7.422	(0.859)	177374	19.1217	190
	64 trans-1,3-Dichloropropene	75	7.702	7.702	(0.892)	62481	20.0316	200
	69 1,1,2-Trichloroethane	83	7.860	7.860	(0.910)	33008	19.4036	190
	71 Tetrachloroethene	166	7.890	7.890	(0.913)	41894	18.5978	180
	72 1,3-Dichloropropane	76	8.012	8.012	(0.927)	66906	18.9533	190

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64384.d
Report Date: 11-Jan-2012 08:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	73 2-Hexanone	43	8.055	8.055	(0.932)	24139	15.9471	160
	74 Dibromochloromethane	129	8.176	8.176	(0.946)	41477	18.9878	190
	76 Butyl Acetate	73	8.134	8.128	(0.942)	17737	28.9546	290
	77 1,2-Dibromoethane	107	8.286	8.286	(0.959)	36932	19.2766	190
*	78 Chlorobenzene-d5	117	8.639	8.639	(1.000)	320955	50.0000	
	79 Chlorobenzene	112	8.663	8.663	(1.003)	114127	19.7724	200
	80 1,1,1,2-Tetrachloroethane	131	8.736	8.736	(1.011)	40575	19.1354	190
	81 Ethylbenzene	106	8.724	8.724	(1.010)	58259	19.2799	190
	82 m+p-Xylene	106	8.821	8.815	(1.021)	148457	39.8064	400
	84 o-Xylene	106	9.137	9.131	(1.058)	75680	20.4342	200
	85 Styrene	104	9.156	9.156	(1.060)	127725	20.2936	200
	83 Butyl Acrylate	73	9.101	9.101	(1.054)	24513	14.0326	140
	86 Bromoform	173	9.326	9.326	(1.080)	27513	18.4915	180
	88 Isopropylbenzene	105	9.399	9.405	(1.088)	179136	18.7233	190
$	89 Bromofluorobenzene (SUR)	174	9.563	9.563	(0.920)	137780	51.5134	52
	90 Camphene (total)	41	9.575	9.576	(1.108)	13946	15.1142	150
	91 Bromobenzene	156	9.673	9.673	(0.930)	50340	20.4126	200
	92 1,1,2,2-Tetrachloroethane	83	9.685	9.691	(0.932)	48463	20.2592	200
	93 1,2,3-Trichloropropane	110	9.734	9.734	(0.936)	14501	20.2207	200
	94 trans-1,4-Dichloro-2-butene	53	9.734	9.740	(0.936)	14453	24.6620	250
	95 n-Propylbenzene	91	9.709	9.709	(0.934)	238178	21.7775	220
	96 2-Chlorotoluene	91	9.801	9.801	(0.943)	144898	22.2161	220
	97 1,3,5-Trimethylbenzene	105	9.843	9.843	(0.947)	160119	21.8237	220
	98 4-Chlorotoluene	91	9.886	9.886	(0.951)	158027	22.3860	220
	99 Butyl Methacrylate	87	9.898	9.898	(0.952)	57010	18.8159	190
	100 tert-Butylbenzene	119	10.068	10.068	(0.968)	124338	20.3427	200
	101 1,2,4-Trimethylbenzene	105	10.117	10.117	(0.973)	167600	22.2809	220
	102 2-Octanone	43	10.190	10.190	(0.980)	68505	19.8159	200
	103 sec-Butylbenzene	105	10.226	10.227	(0.984)	204897	21.9496	220
	105 1,3-Dichlorobenzene	146	10.348	10.348	(0.995)	99484	20.6199	210
	107 p-Isopropyltoluene	119	10.324	10.324	(0.993)	163939	21.5213	220
*	108 1,4-Dichlorobenzene-d4	152	10.397	10.403	(1.000)	182401	50.0000	
	109 1,4-Dichlorobenzene	146	10.415	10.415	(1.002)	103065	20.2613	200
	110 Benzyl Chloride	91	10.518	10.519	(1.012)	71982	17.2190	170
	106 n-Butylbenzene	91	10.616	10.616	(1.021)	153648	20.8174	210
	111 1,2-Dichlorobenzene	146	10.683	10.683	(1.028)	90907	19.3969	190
	112 1,2-Dibromo-3-chloropropane	75	11.242	11.242	(1.081)	8643	19.4924	190
	114 1,2,4-Trichlorobenzene	180	11.857	11.857	(1.140)	47366	17.5184	180
	115 Hexachlorobutadiene	225	11.936	11.942	(1.148)	23251	16.5599	160
	116 Naphthalene	128	12.088	12.088	(1.163)	92303	14.3926	140
	117 1,2,3-Trichlorobenzene	180	12.313	12.313	(1.184)	37011	16.2262	160
M	120 1,2-Dichloroethene (Total)	100				106208	51.9144	520
M	121 Xylene (Total)	100				224137	60.2406	600

Data File: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b/c64384.d
Report Date: 11-Jan-2012 08:46

QC Flag Legend

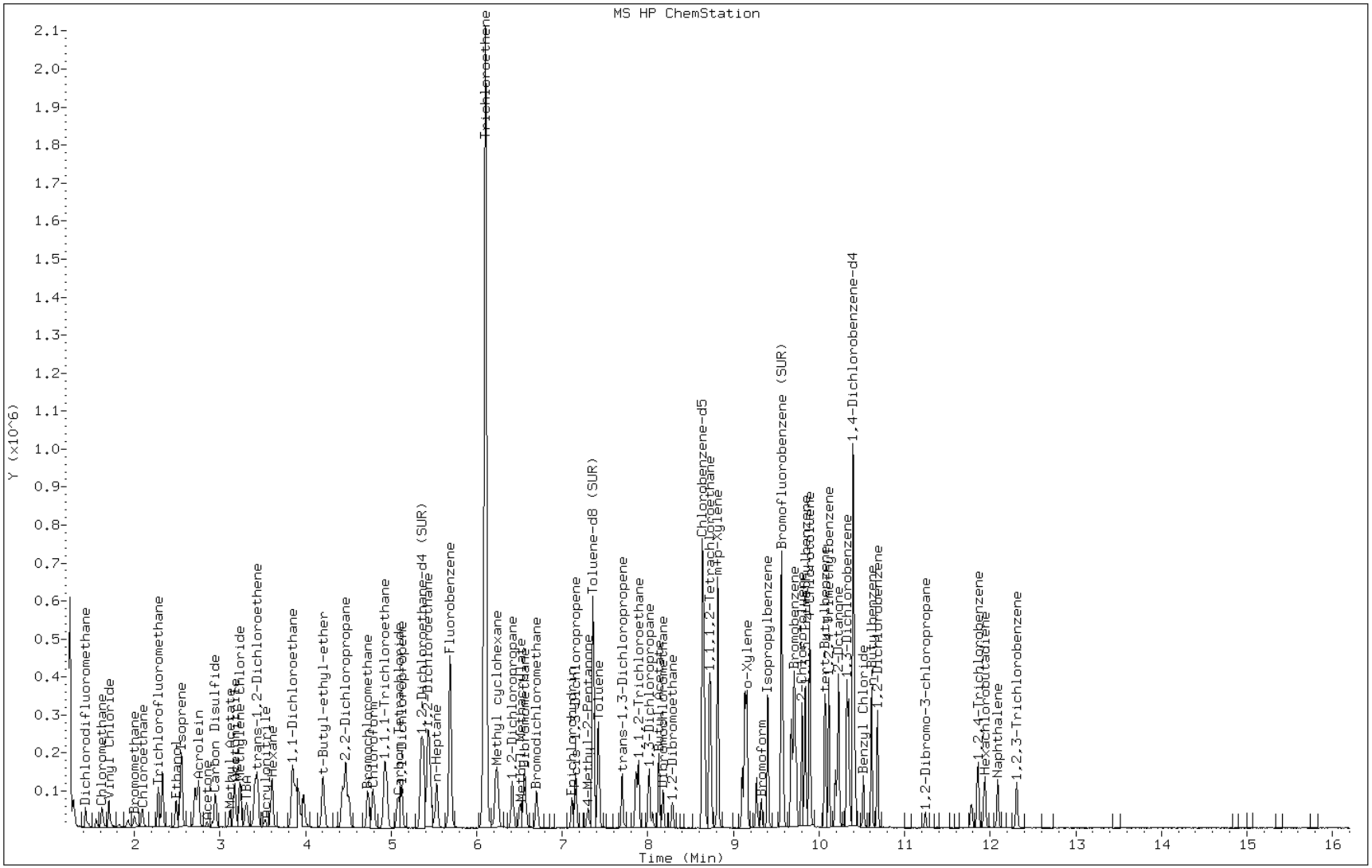
R - Spike/Surrogate failed recovery limits.

Data File: c64384.d

Date: 10-JAN-2012 12:53

Client ID: Instrument: VOAMS3.i

Sample Info: 460-35494-A-2MSD;10 Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 12/23/2011 20:07

Analysis Batch Number: 97095 End Date: 12/24/2011 02:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-97095/1		12/23/2011 20:07	1	c63881.d	Rtx-624 0.25(mm)
ICIS 460-97095/2		12/23/2011 20:50	1	c63883.d	Rtx-624 0.25(mm)
IC 460-97095/3		12/23/2011 22:24	1	c63887.d	Rtx-624 0.25(mm)
IC 460-97095/4		12/23/2011 23:32	1	c63890.d	Rtx-624 0.25(mm)
IC 460-97095/5		12/23/2011 23:54	1	c63891.d	Rtx-624 0.25(mm)
IC 460-97095/6		12/24/2011 00:17	1	c63892.d	Rtx-624 0.25(mm)
IC 460-97095/7		12/24/2011 01:47	1	c63896.d	Rtx-624 0.25(mm)
ZZZZZ		12/24/2011 02:39	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-35494-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 01/10/2012 06:59

Analysis Batch Number: 98481 End Date: 01/10/2012 17:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-98481/1		01/10/2012 06:59	1	c64370.d	Rtx-624 0.25(mm)
CCVIS 460-98481/2		01/10/2012 07:45	1	c64371.d	Rtx-624 0.25(mm)
LCS 460-98481/3		01/10/2012 08:10	1	c64372.d	Rtx-624 0.25(mm)
MB 460-98481/4		01/10/2012 08:58	1	c64374.d	Rtx-624 0.25(mm)
460-35494-3	FB-010612	01/10/2012 09:22	1	c64375.d	Rtx-624 0.25(mm)
460-35494-4	TRIP BLANK	01/10/2012 09:44	1	c64376.d	Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 10:07	1		Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 10:29	1		Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 12:08	1		Rtx-624 0.25(mm)
460-35494-2 MS	MW-34I MS	01/10/2012 12:31	10	c64383.d	Rtx-624 0.25(mm)
460-35494-2 MSD	MW-34I MSD	01/10/2012 12:53	10	c64384.d	Rtx-624 0.25(mm)
460-35494-1	OW-4	01/10/2012 13:38	10	c64386.d	Rtx-624 0.25(mm)
460-35494-2	MW-34I	01/10/2012 14:01	10	c64387.d	Rtx-624 0.25(mm)
460-35494-5	DUP-010612	01/10/2012 14:23	10	c64388.d	Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 15:08	1		Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 15:31	1		Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 15:53	1		Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 16:38	1		Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 17:01	1		Rtx-624 0.25(mm)
ZZZZZ		01/10/2012 17:23	1		Rtx-624 0.25(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b

Date Generated: 12/24/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
12/23/11 2007	c63881.d	2	BFB		0	0	1	all		8260 HIGH	G
12/23/11 2028	c63882.d	1	CCVIS		5	0	1	all		8260 IS: 1260691 SURR 500: —	NG
12/23/11 2050	c63883.d	2	ICIS-VMCAL3		5	0	1	all		SURR 250: — GAS 500: 1299526	G
12/23/11 2113	c63884.d	4	LCS		5	0	1	all		MIX 1 500: 1274954 MIX 2 500: 1277441	NG
12/23/11 2136	c63885.d	5	blk		5	0	1	all		MIX 3: 1274955 AC/AC: 1274960	NG
12/23/11 2201	c63886.d	6	IC-VMCAL1		5	0	1	all		GAS SP: 1299527 8260 SP: 1274957	NG.
12/23/11 2224	c63887.d	7	IC-VMCAL1		5	0	1	all		MIX 3 SP: 1274956 AC/AC SP: 1274961	G
12/23/11 2246	c63888.d	8	IC-VMCAL0.5		5	0	1	all		MISC:	NG
12/23/11 2309	c63889.d	9	IC-VMCAL0.5		5	0	1	all		1274964	(N.U.)
12/23/11 2332	c63890.d	10	IC-VMCAL4		5	0	1	all		1274965	G
12/23/11 2354	c63891.d	11	IC-VMCAL5		5	0	1	all		1274962	G
12/24/11 0017	c63892.d	12	IC-VMCAL6		5	0	1	all		MeOH	G
12/24/11 0039	c63893.d	13	BLK		5	0	1	all		51182	NG
12/24/11 0102	c63894.d	14	BLK		5	0	1	all			NG.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/12-23-11/23dec11a.b

Date Generated: 12/24/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
12/24/11 0125	c63895.d	15	BLK		5	0	1	all			NG.
12/24/11 0147	c63896.d	16	IC-VMCAL2		5	0	1	all			G
12/24/11 0239	c63897.d	17	ICV		5	0	1	all			G.

Signed: Andrea for Ken B. Read and Understood by: A. Dipasquale

Date: 12/24/11. Date: 12/24/11.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b

Date Generated: 01/11/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
01/10/12 0659	c64370.d	2	BFB		0	0	1	all		8260 HIGH	G
01/10/12 0745	c64371.d	1	CCVIS		5	0	1	all		8260 IS: 1285228	G
01/10/12 0810	c64372.d	2	LCS		5	0	1	all		SURR 500: SURR 250: GAS 500: 1329619	G
01/10/12 0835	c64373.d	3	MB		5	0	1	all		MIX 1 500: 1323077	NG. c/o
01/10/12 0858	c64374.d	4	MB		5	0	1	all		MIX 2 500: 1323080 MIX 3: 1323081	G
01/10/12 0922	c64375.d	5	460-35494-A-3	FB-010612	5	0	1	all	L2	AC/AC: 1323083 GAS SP: 1329620	G
01/10/12 0944	c64376.d	6	460-35494-A-4	TRIP BLANK	5	0	1	all	L2	8260 SP: 1323078	G
01/10/12 1007	c64377.d	7	460-35530-A-5	100 FB	5	0	1	all	L2	MIX 3 SP: 1323082 AC/AC SP: 1323084	G
01/10/12 1029	c64378.d	8	460-35530-A-6	101 TB	5	0	1	all	L2	MISC: BFB 1316260 NAPH 57182	G
01/10/12 1052	c64379.d	9	460-35494-A-1	OW-4	5	0	2	all	L2	1323085 1323086	DL-10X
01/10/12 1123	c64380.d	10	460-35494-A-2	MW-34I	5	0	5	all	L2		
01/10/12 1146	c64381.d	11	460-35494-A-5	DUP-010612	5	0	5	all	L2		
01/10/12 1208	c64382.d	12	460-35491-C-2	WC-DRUMS	5	0	1	all	L2		G
01/10/12 1231	c64383.d	13	460-35494-A-2MS		5	0	10	all	L2		G

Dilution: 2X - 25 mL → 50 mL F.V.

5X - 10 mL →

10X - 5 mL →

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/12-23-11/10jan12.b

Date Generated: 01/11/2012

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
01/10/12 1253	c64384.d	14	460-35494-A-2MSD		5	0	10	all	12		G
01/10/12 1316	c64385.d	15	BLANK		5	0	1	all			cleanup
01/10/12 1338	c64386.d	16	460-35494-B-1	OW-4	5	0	10	all	12		G
01/10/12 1401	c64387.d	17	460-35494-B-2	MW-34I	5	0	10	all	12		G
01/10/12 1423	c64388.d	18	460-35494-B-5	DUP-010612	5	0	10	all	12		G
01/10/12 1446	c64389.d	19	BLANK		5	0	1	all			cleanup
01/10/12 1508	c64390.d	20	460-35530-A-2	097 BR-01 (PT1)	5	0	1	all	12		G
01/10/12 1531	c64391.d	21	460-35530-A-3	098 BR-01 (PT2)	5	0	1	all	12		G
01/10/12 1553	c64392.d	22	460-35530-A-4	099 BR-01 (PT3)	5	0	1	all	12		G
01/10/12 1616	c64393.d	23	460-35496-A-3	MW-6	5	0	1	all	12		RR. TIC c/o
01/10/12 1638	c64394.d	24	460-35496-A-1	MW-1	5	0	1	all	12		G
01/10/12 1701	c64395.d	25	460-35496-A-4	MW-7	5	0	1	all	12		G
01/10/12 1723	c64396.d	26	460-35496-A-5	RW-1	5	0	1	all	12		G
01/10/12 1746	c64397.d	27	BLANK		5	0	1	all			cleanup

Signed: Samantha Desai for 01/12/12 01/11/12

Read and Understood by: A. Tupaya 01/11/12

Shipping and Receiving Documents

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

01/17/2012

Client Contact: Jeff Wills	**Field Sampler:** Jeff Wills	**TAT Required (business days):** STANDARD	**Lab PM/Contact:** Larry Decker	**COC Number:** 22439
Company: Roux Associates	**Mobile/Field Number:** 631-464-3182		**Lab Job Number (Lab Use Only):**	**Page** 1 of 1
Address: 209 Shafter Street	**E-Mail:** SAME	**Deliverable Type (Report/EDD):**		**Carrier Tracking Notes:**
City, State, Zip: Islandia, NY 11749	**PO #:**	**Sample Disposal:** [ ] Return to Client [X] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	**Passed Rad Screen (Lab Use Only):** [ ] Yes [ ] No	35494
Phone: 631-232-2600	**WO #:**		**Cooler Temperatures (Lab Use Only):**	
Email: JWILLS@ROUXINC.COM	**Project #:** 0771.0001Y000	**State Regulatory QC Criteria Requirements:**	**Analysis (Attach list if more space is needed)**	
Project Name/Site Location (State): MBA-MANORHAVEN, NY	**SSOW#:**			

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

No. of Containers/Preservatives

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	8260B Full List VOC								Comments
	OW-4	1/6/12	1000	Aq	N				3				X								1
	MW-34I	1/6/12	1135	Aq	N				3				X								2
	FB-010612	1/6/12	1140	Aq	N				3				X								3
	TRIP BLANK	1/6/12	—	Aq	N				2				X								4
	DUP-010612	1/6/12	1200	Aq	N				3				X								5

Relinquished by: JW Wills	Date/Time: 1/6/12 1430	Company: ROUX	Received by: Fedex	Date/Time:	Company
Relinquished by: Fedex	Date/Time: 1/7/12	Company	Received by: dHall	Date/Time: 1/7/12 0855	Company: TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments: FB-010612 (FIELD BLANK)

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

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-35494-1

Login Number: 35494

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8° C IR 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	received 1 voa broken - OW-4
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-37525-1

Job Description: MBA-Manorhaven 0771.0001Y000

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Jeffrey Wills

Approved for release.
Larry Decker
Project Manager I
3/22/2012 10:04 AM

Larry Decker
Project Manager I
larry.decker@testamericainc.com
03/22/2012

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-37525-1

Job Description: MBA-Manorhaven 0771.0001Y000

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Larry Decker
Project Manager I
3/22/2012 10:04 AM

Larry Decker

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Job Narrative
460-37525-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batch 105201 exceeded control limits for the following analyte: Styrene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 105201 were outside control limits for multiple analytes. The associated laboratory control sample (LCS) recovery met acceptance criteria, except for Styrene.

Method(s) 8260B: The following sample was diluted due to the abundance of target analytes: MW-34I (460-37525-3). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: DUP-030212 (460-37525-5), MW-35I (460-37525-4), OW-4 (460-37525-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-37525-1	OW-4	Water	03/02/2012 1440	03/03/2012 1035
460-37525-2	OW-5	Water	03/02/2012 1455	03/03/2012 1035
460-37525-3	MW-34I	Water	03/02/2012 1400	03/03/2012 1035
460-37525-4	MW-35I	Water	03/02/2012 1430	03/03/2012 1035
460-37525-5FD	DUP-030212	Water	03/02/2012 1300	03/03/2012 1035
460-37525-6FB	FB-030212	Water	03/02/2012 1450	03/03/2012 1035
460-37525-7TB	Trip Blank	Water	03/02/2012 1300	03/03/2012 1035

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-37525-1	**OW-4**					
1,1-Dichloroethene		5.0		5.0	ug/L	8260B
cis-1,2-Dichloroethene		120		5.0	ug/L	8260B
trans-1,2-Dichloroethene		4.8	J	5.0	ug/L	8260B
Trichloroethene		1600		5.0	ug/L	8260B
Tetrachloroethene		0.59	J	5.0	ug/L	8260B
460-37525-2	**OW-5**					
Vinyl chloride		0.83	J	1.0	ug/L	8260B
Acetone		12		5.0	ug/L	8260B
1,1-Dichloroethene		1.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		8.6		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.38	J	1.0	ug/L	8260B
Chloroform		0.12	J	1.0	ug/L	8260B
Bromodichloromethane		0.17	J	1.0	ug/L	8260B
Trichloroethene		180		1.0	ug/L	8260B
Dibromochloromethane		0.43	J	1.0	ug/L	8260B
Bromoform		0.48	J	1.0	ug/L	8260B
Tetrachloroethene		0.30	J	1.0	ug/L	8260B
Toluene		0.28	J	1.0	ug/L	8260B
1,4-Dichlorobenzene		0.27	J	1.0	ug/L	8260B
460-37525-3	**MW-34I**					
Vinyl chloride		15		10	ug/L	8260B
Acetone		40	J	50	ug/L	8260B
Carbon disulfide		1.6	J	10	ug/L	8260B
1,1-Dichloroethene		20		10	ug/L	8260B
1,1-Dichloroethane		5.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		96		10	ug/L	8260B
trans-1,2-Dichloroethene		3.0	J	10	ug/L	8260B
Trichloroethene		2700		10	ug/L	8260B
Tetrachloroethene		1.8	J	10	ug/L	8260B
460-37525-4	**MW-35I**					
1,1-Dichloroethane		1.3	J	10	ug/L	8260B
cis-1,2-Dichloroethene		11		10	ug/L	8260B
Trichloroethene		2100		10	ug/L	8260B
Tetrachloroethene		2.2	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-37525-5FD	**DUP-030212**					
Vinyl chloride		13		10	ug/L	8260B
1,1-Dichloroethene		19		10	ug/L	8260B
1,1-Dichloroethane		5.3	J	10	ug/L	8260B
cis-1,2-Dichloroethene		87		10	ug/L	8260B
trans-1,2-Dichloroethene		5.6	J	10	ug/L	8260B
Trichloroethene		2500		10	ug/L	8260B
Tetrachloroethene		2.3	J	10	ug/L	8260B
460-37525-6FB	**FB-030212**					
Methylene Chloride		2.1		1.0	ug/L	8260B
460-37525-7TB	**TRIP BLANK**					
Methylene Chloride		2.0		1.0	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-37525-1

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

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc. Job Number: 460-37525-1

Method	Analyst	Analyst ID
SW846 8260B	Desai, Saurab	SD

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: OW-4

Lab Sample ID: 460-37525-1 Date Sampled: 03/02/2012 1440
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66381.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1801			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1801				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	5.0	U	1.1	5.0
Chloromethane	5.0	U	0.50	5.0
Bromomethane	5.0	U	0.90	5.0
Vinyl chloride	5.0	U	0.70	5.0
Chloroethane	5.0	U	0.85	5.0
Trichlorofluoromethane	5.0	U	0.75	5.0
Freon TF	5.0	U	0.40	5.0
Methylene Chloride	5.0	U	0.90	5.0
Acetone	25	U	13	25
Carbon disulfide	5.0	U	0.65	5.0
Methyl acetate	10	U	1.7	10
1,1-Dichloroethene	5.0		0.45	5.0
1,1-Dichloroethane	5.0	U	0.65	5.0
cis-1,2-Dichloroethene	120		0.90	5.0
trans-1,2-Dichloroethene	4.8	J	0.65	5.0
MTBE	5.0	U	0.70	5.0
Chloroform	5.0	U	0.40	5.0
1,2-Dichloroethane	5.0	U	0.95	5.0
2-Butanone	25	U	12	25
1,1,1-Trichloroethane	5.0	U	0.30	5.0
Cyclohexane	5.0	U	0.80	5.0
Carbon tetrachloride	5.0	U	0.30	5.0
Bromodichloromethane	5.0	U	0.60	5.0
1,2-Dichloropropane	5.0	U	0.45	5.0
cis-1,3-Dichloropropene	5.0	U	0.90	5.0
Trichloroethene	1600		0.45	5.0
Methylcyclohexane	5.0	U	0.70	5.0
Dibromochloromethane	5.0	U	1.0	5.0
1,1,2-Trichloroethane	5.0	U	0.95	5.0
Benzene	5.0	U	0.40	5.0
trans-1,3-Dichloropropene	5.0	U	1.2	5.0
Bromoform	5.0	U	0.95	5.0
Isopropylbenzene	5.0	U	0.40	5.0
4-Methyl-2-pentanone	25	U	5.0	25
2-Hexanone	25	U	2.5	25
Tetrachloroethene	0.59	J	0.50	5.0
Toluene	5.0	U	0.75	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.80	5.0
Chlorobenzene	5.0	U	0.55	5.0
Ethylbenzene	5.0	U	0.50	5.0
Xylenes, Total	15	U	1.8	15
Styrene	5.0	U	0.60	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	2.0	5.0
1,3-Dichlorobenzene	5.0	U	0.70	5.0
1,4-Dichlorobenzene	5.0	U	1.2	5.0
1,2-Dichlorobenzene	5.0	U	1.1	5.0

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: OW-4

Lab Sample ID: 460-37525-1 Date Sampled: 03/02/2012 1440
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66381.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1801			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1801				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	5.0	U	1.7	5.0
1,2-Dibromoethane	5.0	U	1.4	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: OW-5

Lab Sample ID: 460-37525-2 Date Sampled: 03/02/2012 1455
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66423.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1210			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	0.83	J	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	12		2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.5		0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	8.6		0.18	1.0
trans-1,2-Dichloroethene	0.38	J	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	0.12	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	0.17	J	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	180		0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	0.43	J	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	0.48	J	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.30	J	0.10	1.0
Toluene	0.28	J	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U *	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	0.27	J	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: OW-5

Lab Sample ID: 460-37525-2 Date Sampled: 03/02/2012 1455
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66423.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1210			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	98		70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: MW-34I

Lab Sample ID: 460-37525-3 Date Sampled: 03/02/2012 1400
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66424.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1234			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1234				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	10	U	2.2	10
Chloromethane	10	U	1.0	10
Bromomethane	10	U	1.8	10
Vinyl chloride	15		1.4	10
Chloroethane	10	U	1.7	10
Trichlorofluoromethane	10	U	1.5	10
Freon TF	10	U	0.80	10
Methylene Chloride	10	U	1.8	10
Acetone	40	J	27	50
Carbon disulfide	1.6	J	1.3	10
Methyl acetate	20	U	3.4	20
1,1-Dichloroethene	20		0.90	10
1,1-Dichloroethane	5.4	J	1.3	10
cis-1,2-Dichloroethene	96		1.8	10
trans-1,2-Dichloroethene	3.0	J	1.3	10
MTBE	10	U	1.4	10
Chloroform	10	U	0.80	10
1,2-Dichloroethane	10	U	1.9	10
2-Butanone	50	U	23	50
1,1,1-Trichloroethane	10	U	0.60	10
Cyclohexane	10	U	1.6	10
Carbon tetrachloride	10	U	0.60	10
Bromodichloromethane	10	U	1.2	10
1,2-Dichloropropane	10	U	0.90	10
cis-1,3-Dichloropropene	10	U	1.8	10
Trichloroethene	2700		0.90	10
Methylcyclohexane	10	U	1.4	10
Dibromochloromethane	10	U	2.0	10
1,1,2-Trichloroethane	10	U	1.9	10
Benzene	10	U	0.80	10
trans-1,3-Dichloropropene	10	U	2.4	10
Bromoform	10	U	1.9	10
Isopropylbenzene	10	U	0.80	10
4-Methyl-2-pentanone	50	U	9.9	50
2-Hexanone	50	U	5.0	50
Tetrachloroethene	1.8	J	1.0	10
Toluene	10	U	1.5	10
1,1,2,2-Tetrachloroethane	10	U	1.6	10
Chlorobenzene	10	U	1.1	10
Ethylbenzene	10	U	1.0	10
Xylenes, Total	30	U	3.6	30
Styrene	10	U *	1.2	10
1,2-Dibromo-3-Chloropropane	10	U	4.0	10
1,3-Dichlorobenzene	10	U	1.4	10
1,4-Dichlorobenzene	10	U	2.3	10
1,2-Dichlorobenzene	10	U	2.1	10

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: MW-34I

Lab Sample ID: 460-37525-3 Date Sampled: 03/02/2012 1400
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66424.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1234			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1234				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	10	U	3.4	10
1,2-Dibromoethane	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: MW-35I

Lab Sample ID: 460-37525-4 Date Sampled: 03/02/2012 1430
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66383.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1848			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1848				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	10	U	2.2	10
Chloromethane	10	U	1.0	10
Bromomethane	10	U	1.8	10
Vinyl chloride	10	U	1.4	10
Chloroethane	10	U	1.7	10
Trichlorofluoromethane	10	U	1.5	10
Freon TF	10	U	0.80	10
Methylene Chloride	10	U	1.8	10
Acetone	50	U	27	50
Carbon disulfide	10	U	1.3	10
Methyl acetate	20	U	3.4	20
1,1-Dichloroethene	10	U	0.90	10
1,1-Dichloroethane	1.3	J	1.3	10
cis-1,2-Dichloroethene	11		1.8	10
trans-1,2-Dichloroethene	10	U	1.3	10
MTBE	10	U	1.4	10
Chloroform	10	U	0.80	10
1,2-Dichloroethane	10	U	1.9	10
2-Butanone	50	U	23	50
1,1,1-Trichloroethane	10	U	0.60	10
Cyclohexane	10	U	1.6	10
Carbon tetrachloride	10	U	0.60	10
Bromodichloromethane	10	U	1.2	10
1,2-Dichloropropane	10	U	0.90	10
cis-1,3-Dichloropropene	10	U	1.8	10
Trichloroethene	2100		0.90	10
Methylcyclohexane	10	U	1.4	10
Dibromochloromethane	10	U	2.0	10
1,1,2-Trichloroethane	10	U	1.9	10
Benzene	10	U	0.80	10
trans-1,3-Dichloropropene	10	U	2.4	10
Bromoform	10	U	1.9	10
Isopropylbenzene	10	U	0.80	10
4-Methyl-2-pentanone	50	U	9.9	50
2-Hexanone	50	U	5.0	50
Tetrachloroethene	2.2	J	1.0	10
Toluene	10	U	1.5	10
1,1,2,2-Tetrachloroethane	10	U	1.6	10
Chlorobenzene	10	U	1.1	10
Ethylbenzene	10	U	1.0	10
Xylenes, Total	30	U	3.6	30
Styrene	10	U	1.2	10
1,2-Dibromo-3-Chloropropane	10	U	4.0	10
1,3-Dichlorobenzene	10	U	1.4	10
1,4-Dichlorobenzene	10	U	2.3	10
1,2-Dichlorobenzene	10	U	2.1	10

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: MW-35I

Lab Sample ID: 460-37525-4 Date Sampled: 03/02/2012 1430
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66383.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1848			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1848				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	10	U	3.4	10
1,2-Dibromoethane	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	102		70 - 130
Bromofluorobenzene	100		70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: DUP-030212

Lab Sample ID: 460-37525-5FD Date Sampled: 03/02/2012 1300
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66384.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1911			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1911				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	10	U	2.2	10
Chloromethane	10	U	1.0	10
Bromomethane	10	U	1.8	10
Vinyl chloride	13		1.4	10
Chloroethane	10	U	1.7	10
Trichlorofluoromethane	10	U	1.5	10
Freon TF	10	U	0.80	10
Methylene Chloride	10	U	1.8	10
Acetone	50	U	27	50
Carbon disulfide	10	U	1.3	10
Methyl acetate	20	U	3.4	20
1,1-Dichloroethene	19		0.90	10
1,1-Dichloroethane	5.3	J	1.3	10
cis-1,2-Dichloroethene	87		1.8	10
trans-1,2-Dichloroethene	5.6	J	1.3	10
MTBE	10	U	1.4	10
Chloroform	10	U	0.80	10
1,2-Dichloroethane	10	U	1.9	10
2-Butanone	50	U	23	50
1,1,1-Trichloroethane	10	U	0.60	10
Cyclohexane	10	U	1.6	10
Carbon tetrachloride	10	U	0.60	10
Bromodichloromethane	10	U	1.2	10
1,2-Dichloropropane	10	U	0.90	10
cis-1,3-Dichloropropene	10	U	1.8	10
Trichloroethene	2500		0.90	10
Methylcyclohexane	10	U	1.4	10
Dibromochloromethane	10	U	2.0	10
1,1,2-Trichloroethane	10	U	1.9	10
Benzene	10	U	0.80	10
trans-1,3-Dichloropropene	10	U	2.4	10
Bromoform	10	U	1.9	10
Isopropylbenzene	10	U	0.80	10
4-Methyl-2-pentanone	50	U	9.9	50
2-Hexanone	50	U	5.0	50
Tetrachloroethene	2.3	J	1.0	10
Toluene	10	U	1.5	10
1,1,2,2-Tetrachloroethane	10	U	1.6	10
Chlorobenzene	10	U	1.1	10
Ethylbenzene	10	U	1.0	10
Xylenes, Total	30	U	3.6	30
Styrene	10	U	1.2	10
1,2-Dibromo-3-Chloropropane	10	U	4.0	10
1,3-Dichlorobenzene	10	U	1.4	10
1,4-Dichlorobenzene	10	U	2.3	10
1,2-Dichlorobenzene	10	U	2.1	10

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: DUP-030212

Lab Sample ID: 460-37525-5FD Date Sampled: 03/02/2012 1300
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66384.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1911			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1911				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	10	U	3.4	10
1,2-Dibromoethane	10	U	2.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	100		70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: FB-030212

Lab Sample ID: 460-37525-6FB Date Sampled: 03/02/2012 1450
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66376.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1606			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1606				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	2.1		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: FB-030212

Lab Sample ID: 460-37525-6FB Date Sampled: 03/02/2012 1450
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66376.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1606			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1606				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Toluene-d8 (Surr)	101		70 - 130
Bromofluorobenzene	98		70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-37525-7TB Date Sampled: 03/02/2012 1300
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66377.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1629			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1629				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	2.0		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: Roux Associates, Inc. Job Number: 460-37525-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-37525-7TB Date Sampled: 03/02/2012 1300
Client Matrix: Water Date Received: 03/03/2012 1035

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	c66377.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1629			Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1629				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-37525-1	OW-4	106	101	97
460-37525-2	OW-5	108	100	98
460-37525-3	MW-34I	106	100	99
460-37525-4	MW-35I	106	102	100
460-37525-5	DUP-030212	109	100	100
460-37525-6	FB-030212	107	101	98
460-37525-7	Trip Blank	106	100	99
MB 460-105030/4		106	100	99
MB 460-105201/4		106	100	97
LCS 460-105030/3		102	102	99
LCS 460-105201/3		103	100	98
460-37525-2 MS	OW-5 MS	103	100	97
460-37525-2 MSD	OW-5 MSD	105	101	97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Method Blank - Batch: 460-105030

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-105030/4	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66361.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1018	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1018				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0

Client: Roux Associates, Inc. Job Number: 460-37525-1

Method Blank - Batch: 460-105030

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-105030/4	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66361.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 1018	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 1018				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	99	70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Control Sample - Batch: 460-105030

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-105030/3	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66358.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 0902	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 0902				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	18.7	93	46 - 145	
Chloromethane	20.0	22.4	112	58 - 146	
Bromomethane	20.0	19.3	97	55 - 153	
Vinyl chloride	20.0	22.1	110	61 - 144	
Chloroethane	20.0	22.6	113	69 - 145	
Trichlorofluoromethane	20.0	22.4	112	69 - 147	
Freon TF	20.0	23.5	118	47 - 139	
Methylene Chloride	20.0	22.0	110	79 - 119	
Acetone	20.0	22.6	113	45 - 156	
Carbon disulfide	20.0	24.2	121	58 - 139	
Methyl acetate	20.0	16.9	85	50 - 151	
1,1-Dichloroethene	20.0	20.5	103	56 - 139	
1,1-Dichloroethane	20.0	20.8	104	78 - 122	
cis-1,2-Dichloroethene	20.0	20.2	101	80 - 120	
trans-1,2-Dichloroethene	20.0	19.7	98	75 - 122	
MTBE	20.0	20.1	101	71 - 115	
Chloroform	20.0	20.3	102	82 - 123	
1,2-Dichloroethane	20.0	20.6	103	74 - 118	
2-Butanone	20.0	19.6	98	65 - 114	
1,1,1-Trichloroethane	20.0	20.4	102	74 - 128	
Cyclohexane	20.0	22.2	111	58 - 133	
Carbon tetrachloride	20.0	20.9	105	73 - 120	
Bromodichloromethane	20.0	20.6	103	79 - 119	
1,2-Dichloropropane	20.0	20.1	101	80 - 120	
cis-1,3-Dichloropropene	20.0	20.7	104	80 - 120	
Trichloroethene	20.0	20.3	101	78 - 119	
Methylcyclohexane	20.0	21.6	108	61 - 129	
Dibromochloromethane	20.0	20.5	103	80 - 120	
1,1,2-Trichloroethane	20.0	20.3	101	79 - 119	
Benzene	20.0	20.9	105	83 - 124	
trans-1,3-Dichloropropene	20.0	20.1	100	78 - 118	
Bromoform	20.0	20.6	103	73 - 123	
Isopropylbenzene	20.0	21.7	108	80 - 125	
4-Methyl-2-pentanone	20.0	20.1	101	53 - 120	
2-Hexanone	20.0	19.5	97	53 - 121	
Tetrachloroethene	20.0	21.4	107	68 - 139	
Toluene	20.0	20.3	101	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	74 - 126	
Chlorobenzene	20.0	20.7	103	81 - 121	
Ethylbenzene	20.0	21.1	106	79 - 126	
Xylenes, Total	60.0	64.9	108	76 - 121	
Styrene	20.0	21.5	108	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	19.4	97	70 - 116	
1,3-Dichlorobenzene	20.0	20.1	101	81 - 126	
1,4-Dichlorobenzene	20.0	19.8	99	83 - 123	
1,2-Dichlorobenzene	20.0	20.0	100	82 - 122	

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Control Sample - Batch: 460-105030

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-105030/3	Analysis Batch:	460-105030	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66358.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/08/2012 0902	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/08/2012 0902				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	18.8	94	66 - 120	
1,2-Dibromoethane	20.0	20.1	101	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 130
Toluene-d8 (Surr)	102	70 - 130
Bromofluorobenzene	99	70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Method Blank - Batch: 460-105201

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-105201/4	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66422.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1147	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1147				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0

Client: Roux Associates, Inc. Job Number: 460-37525-1

Method Blank - Batch: 460-105201

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-105201/4	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66422.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1147	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1147				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	97	70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Control Sample - Batch: 460-105201

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-105201/3	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66419.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1033	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1033				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	15.6	78	46 - 145	
Chloromethane	20.0	21.9	109	58 - 146	
Bromomethane	20.0	11.1	56	55 - 153	
Vinyl chloride	20.0	21.0	105	61 - 144	
Chloroethane	20.0	22.0	110	69 - 145	
Trichlorofluoromethane	20.0	22.3	111	69 - 147	
Freon TF	20.0	23.4	117	47 - 139	
Methylene Chloride	20.0	22.9	114	79 - 119	
Acetone	20.0	25.0	125	45 - 156	
Carbon disulfide	20.0	24.4	122	58 - 139	
Methyl acetate	20.0	18.3	92	50 - 151	
1,1-Dichloroethene	20.0	20.9	105	56 - 139	
1,1-Dichloroethane	20.0	21.3	106	78 - 122	
cis-1,2-Dichloroethene	20.0	21.2	106	80 - 120	
trans-1,2-Dichloroethene	20.0	20.7	104	75 - 122	
MTBE	20.0	23.0	115	71 - 115	
Chloroform	20.0	21.5	107	82 - 123	
1,2-Dichloroethane	20.0	23.1	116	74 - 118	
2-Butanone	20.0	20.5	102	65 - 114	
1,1,1-Trichloroethane	20.0	20.9	105	74 - 128	
Cyclohexane	20.0	22.6	113	58 - 133	
Carbon tetrachloride	20.0	21.9	109	73 - 120	
Bromodichloromethane	20.0	22.1	111	79 - 119	
1,2-Dichloropropane	20.0	21.3	107	80 - 120	
cis-1,3-Dichloropropene	20.0	22.3	111	80 - 120	
Trichloroethene	20.0	20.7	104	78 - 119	
Methylcyclohexane	20.0	23.0	115	61 - 129	
Dibromochloromethane	20.0	22.4	112	80 - 120	
1,1,2-Trichloroethane	20.0	22.3	112	79 - 119	
Benzene	20.0	21.2	106	83 - 124	
trans-1,3-Dichloropropene	20.0	22.6	113	78 - 118	
Bromoform	20.0	22.7	114	73 - 123	
Isopropylbenzene	20.0	23.9	120	80 - 125	
4-Methyl-2-pentanone	20.0	20.8	104	53 - 120	
2-Hexanone	20.0	20.0	100	53 - 121	
Tetrachloroethene	20.0	22.2	111	68 - 139	
Toluene	20.0	21.1	105	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	21.9	110	74 - 126	
Chlorobenzene	20.0	21.9	110	81 - 121	
Ethylbenzene	20.0	22.4	112	79 - 126	
Xylenes, Total	60.0	69.8	116	76 - 121	
Styrene	20.0	23.5	118	69 - 112	*
1,2-Dibromo-3-Chloropropane	20.0	20.2	101	70 - 116	
1,3-Dichlorobenzene	20.0	23.5	118	81 - 126	
1,4-Dichlorobenzene	20.0	23.5	117	83 - 123	
1,2-Dichlorobenzene	20.0	24.0	120	82 - 122	

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Control Sample - Batch: 460-105201

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-105201/3	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66419.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1033	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1033				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	23.6	118	66 - 120	
1,2-Dibromoethane	20.0	22.1	110	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	98	70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-105201

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-37525-2	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66425.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1257			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1257				
Leach Date:	N/A				

MSD Lab Sample ID:	460-37525-2	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66426.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1320			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1320				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dichlorodifluoromethane	116	126	46 - 145	8	30		
Chloromethane	130	136	58 - 146	5	30		
Bromomethane	98	102	55 - 153	4	30		
Vinyl chloride	118	129	61 - 144	8	30		
Chloroethane	125	131	69 - 145	4	30		
Trichlorofluoromethane	124	129	69 - 147	4	30		
Freon TF	122	125	47 - 139	2	30		
Methylene Chloride	119	122	79 - 119	2	30		*
Acetone	130	141	45 - 156	8	30		
Carbon disulfide	123	128	58 - 139	3	30		
Methyl acetate	96	100	50 - 151	4	30		
1,1-Dichloroethene	105	112	56 - 139	6	30		
1,1-Dichloroethane	106	111	78 - 122	4	30		
cis-1,2-Dichloroethene	102	106	80 - 120	4	30		
trans-1,2-Dichloroethene	103	106	75 - 122	3	30		
MTBE	114	117	71 - 115	3	30		*
Chloroform	109	113	82 - 123	4	30		
1,2-Dichloroethane	115	120	74 - 118	4	30		*
2-Butanone	110	112	65 - 114	2	30		
1,1,1-Trichloroethane	107	111	74 - 128	4	30		
Cyclohexane	114	119	58 - 133	4	30		
Carbon tetrachloride	112	114	73 - 120	2	30		
Bromodichloromethane	114	116	79 - 119	2	30		
1,2-Dichloropropane	108	111	80 - 120	3	30		
cis-1,3-Dichloropropene	111	114	80 - 120	2	30		
Trichloroethene	61	68	78 - 119	3	30	*	*
Methylcyclohexane	120	123	61 - 129	3	30		
Dibromochloromethane	115	121	80 - 120	5	30		*
1,1,2-Trichloroethane	113	118	79 - 119	5	30		
Benzene	107	112	83 - 124	5	30		
trans-1,3-Dichloropropene	111	116	78 - 118	5	30		
Bromoform	115	122	73 - 123	6	30		
Isopropylbenzene	118	125	80 - 125	6	30		

Client: Roux Associates, Inc. Job Number: 460-37525-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-105201

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-37525-2	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66425.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1257			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1257				
Leach Date:	N/A				

MSD Lab Sample ID:	460-37525-2	Analysis Batch:	460-105201	Instrument ID:	VOAMS3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	c66426.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/09/2012 1320			Final Weight/Volume:	5 mL
Prep Date:	03/09/2012 1320				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4-Methyl-2-pentanone	105	112	53 - 120	7	30		
2-Hexanone	99	107	53 - 121	8	30		
Tetrachloroethene	112	119	68 - 139	6	30		
Toluene	106	112	80 - 120	6	30		
1,1,2,2-Tetrachloroethane	109	110	74 - 126	1	30		
Chlorobenzene	111	116	81 - 121	5	30		
Ethylbenzene	111	118	79 - 126	6	30		
Xylenes, Total	115	123	76 - 121	6	30		*
Styrene	117	123	69 - 112	5	30	*	*
1,2-Dibromo-3-Chloropropane	104	107	70 - 116	2	30		
1,3-Dichlorobenzene	116	120	81 - 126	3	30		
1,4-Dichlorobenzene	115	119	83 - 123	3	30		
1,2-Dichlorobenzene	120	124	82 - 122	3	30		*
1,2,4-Trichlorobenzene	115	122	66 - 120	6	30		*
1,2-Dibromoethane	112	116	78 - 118	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	105	70 - 130
Toluene-d8 (Surr)	100	101	70 - 130
Bromofluorobenzene	97	97	70 - 130

Client: Roux Associates, Inc. Job Number: 460-37525-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-105201

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-37525-2	Units: ug/L	MSD Lab Sample ID:	460-37525-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	5.0		Dilution:	5.0	
Analysis Date:	03/09/2012 1257		Analysis Date:	03/09/2012 1320	
Prep Date:	03/09/2012 1257		Prep Date:	03/09/2012 1320	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	1.0	U	100	100	116		126	
Chloromethane	1.0	U	100	100	130		136	
Bromomethane	1.0	U	100	100	98.0		102	
Vinyl chloride	0.83	J	100	100	119		129	
Chloroethane	1.0	U	100	100	125		131	
Trichlorofluoromethane	1.0	U	100	100	124		129	
Freon TF	1.0	U	100	100	122		125	
Methylene Chloride	1.0	U	100	100	119		122	*
Acetone	12		100	100	141		153	
Carbon disulfide	1.0	U	100	100	123		128	
Methyl acetate	2.0	U	100	100	95.9		100	
1,1-Dichloroethene	1.5		100	100	107		113	
1,1-Dichloroethane	1.0	U	100	100	106		111	
cis-1,2-Dichloroethene	8.6		100	100	111		115	
trans-1,2-Dichloroethene	0.38	J	100	100	104		106	
MTBE	1.0	U	100	100	114		117	*
Chloroform	0.12	J	100	100	109		113	
1,2-Dichloroethane	1.0	U	100	100	115		120	*
2-Butanone	5.0	U	100	100	110		112	
1,1,1-Trichloroethane	1.0	U	100	100	107		111	
Cyclohexane	1.0	U	100	100	114		119	
Carbon tetrachloride	1.0	U	100	100	112		114	
Bromodichloromethane	0.17	J	100	100	114		116	
1,2-Dichloropropane	1.0	U	100	100	108		111	
cis-1,3-Dichloropropene	1.0	U	100	100	111		114	
Trichloroethene	180		100	100	240	*	248	*
Methylcyclohexane	1.0	U	100	100	120		123	
Dibromochloromethane	0.43	J	100	100	116		121	*
1,1,2-Trichloroethane	1.0	U	100	100	113		118	
Benzene	1.0	U	100	100	107		112	
trans-1,3-Dichloropropene	1.0	U	100	100	111		116	
Bromoform	0.48	J	100	100	116		122	
Isopropylbenzene	1.0	U	100	100	118		125	
4-Methyl-2-pentanone	5.0	U	100	100	105		112	
2-Hexanone	5.0	U	100	100	98.9		107	
Tetrachloroethene	0.30	J	100	100	112		119	
Toluene	0.28	J	100	100	106		112	
1,1,2,2-Tetrachloroethane	1.0	U	100	100	109		110	
Chlorobenzene	1.0	U	100	100	111		116	
Ethylbenzene	1.0	U	100	100	111		118	
Xylenes, Total	3.0	U	300	300	345		368	*
Styrene	1.0	U	100	100	117	*	123	*
1,2-Dibromo-3-Chloropropane	1.0	U	100	100	104		107	

Client: Roux Associates, Inc. Job Number: 460-37525-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-105201

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-37525-2	Units: ug/L	MSD Lab Sample ID:	460-37525-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	5.0		Dilution:	5.0	
Analysis Date:	03/09/2012 1257		Analysis Date:	03/09/2012 1320	
Prep Date:	03/09/2012 1257		Prep Date:	03/09/2012 1320	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,3-Dichlorobenzene	1.0	U	100	100	116	120	
1,4-Dichlorobenzene	0.27	J	100	100	115	119	
1,2-Dichlorobenzene	1.0	U	100	100	120	124	*
1,2,4-Trichlorobenzene	1.0	U	100	100	115	122	*
1,2-Dibromoethane	1.0	U	100	100	112	116	

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-37525-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits

Client: Roux Associates, Inc. Job Number: 460-37525-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-105030					
LCS 460-105030/3	Lab Control Sample	T	Water	8260B	
MB 460-105030/4	Method Blank	T	Water	8260B	
460-37525-1	OW-4	T	Water	8260B	
460-37525-4	MW-35I	T	Water	8260B	
460-37525-5FD	DUP-030212	T	Water	8260B	
460-37525-6FB	FB-030212	T	Water	8260B	
460-37525-7TB	Trip Blank	T	Water	8260B	
Analysis Batch:460-105201					
LCS 460-105201/3	Lab Control Sample	T	Water	8260B	
MB 460-105201/4	Method Blank	T	Water	8260B	
460-37525-2	OW-5	T	Water	8260B	
460-37525-2MS	Matrix Spike	T	Water	8260B	
460-37525-2MSD	Matrix Spike Duplicate	T	Water	8260B	
460-37525-3	MW-34I	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-37525-1

Laboratory Chronicle

Lab ID: 460-37525-1 **Client ID: OW-4**

Sample Date/Time: 03/02/2012 14:40 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-A-1		460-105030		03/08/2012 18:01	5	TAL EDI	SD
A:8260B	460-37525-A-1		460-105030		03/08/2012 18:01	5	TAL EDI	SD

Lab ID: 460-37525-2 **Client ID: OW-5**

Sample Date/Time: 03/02/2012 14:55 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-B-2		460-105201		03/09/2012 12:10	1	TAL EDI	SD
A:8260B	460-37525-B-2		460-105201		03/09/2012 12:10	1	TAL EDI	SD

Lab ID: 460-37525-2 MS **Client ID: OW-5**

Sample Date/Time: 03/02/2012 14:55 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-B-2 MS		460-105201		03/09/2012 12:57	5	TAL EDI	SD
A:8260B	460-37525-B-2 MS		460-105201		03/09/2012 12:57	5	TAL EDI	SD

Lab ID: 460-37525-2 MSD **Client ID: OW-5**

Sample Date/Time: 03/02/2012 14:55 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-B-2 MSD		460-105201		03/09/2012 13:20	5	TAL EDI	SD
A:8260B	460-37525-B-2 MSD		460-105201		03/09/2012 13:20	5	TAL EDI	SD

Lab ID: 460-37525-3 **Client ID: MW-34I**

Sample Date/Time: 03/02/2012 14:00 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-B-3		460-105201		03/09/2012 12:34	10	TAL EDI	SD
A:8260B	460-37525-B-3		460-105201		03/09/2012 12:34	10	TAL EDI	SD

Lab ID: 460-37525-4 **Client ID: MW-35I**

Sample Date/Time: 03/02/2012 14:30 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-A-4		460-105030		03/08/2012 18:48	10	TAL EDI	SD
A:8260B	460-37525-A-4		460-105030		03/08/2012 18:48	10	TAL EDI	SD

Client: Roux Associates, Inc. Job Number: 460-37525-1

Laboratory Chronicle

Lab ID: 460-37525-5 **Client ID: DUP-030212**

Sample Date/Time: 03/02/2012 13:00 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-A-5		460-105030		03/08/2012 19:11	10	TAL EDI	SD
A:8260B	460-37525-A-5		460-105030		03/08/2012 19:11	10	TAL EDI	SD

Lab ID: 460-37525-6 **Client ID: FB-030212**

Sample Date/Time: 03/02/2012 14:50 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-A-6		460-105030		03/08/2012 16:06	1	TAL EDI	SD
A:8260B	460-37525-A-6		460-105030		03/08/2012 16:06	1	TAL EDI	SD

Lab ID: 460-37525-7 **Client ID: Trip Blank**

Sample Date/Time: 03/02/2012 13:00 Received Date/Time: 03/03/2012 10:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-37525-A-7		460-105030		03/08/2012 16:29	1	TAL EDI	SD
A:8260B	460-37525-A-7		460-105030		03/08/2012 16:29	1	TAL EDI	SD

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-105030/4		460-105030		03/08/2012 10:18	1	TAL EDI	SD
A:8260B	MB 460-105030/4		460-105030		03/08/2012 10:18	1	TAL EDI	SD
P:5030B	MB 460-105201/4		460-105201		03/09/2012 11:47	1	TAL EDI	SD
A:8260B	MB 460-105201/4		460-105201		03/09/2012 11:47	1	TAL EDI	SD

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-105030/3		460-105030		03/08/2012 09:02	1	TAL EDI	SD
A:8260B	LCS 460-105030/3		460-105030		03/08/2012 09:02	1	TAL EDI	SD
P:5030B	LCS 460-105201/3		460-105201		03/09/2012 10:33	1	TAL EDI	SD
A:8260B	LCS 460-105201/3		460-105201		03/09/2012 10:33	1	TAL EDI	SD

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
OW-4	460-37525-1	106	101	97
OW-5	460-37525-2	108	100	98
MW-34I	460-37525-3	106	100	99
MW-35I	460-37525-4	106	102	100
DUP-030212	460-37525-5	109	100	100
FB-030212	460-37525-6	107	101	98
Trip Blank	460-37525-7	106	100	99
	MB 460-105030/4	106	100	99
	MB 460-105201/4	106	100	97
	LCS 460-105030/3	102	102	99
	LCS 460-105201/3	103	100	98
OW-5 MS	460-37525-2 MS	103	100	97
OW-5 MSD	460-37525-2 MSD	105	101	97

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66358.d

Lab ID: LCS 460-105030/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	18.7	93	46-145	
Chloromethane	20.0	22.4	112	58-146	
Bromomethane	20.0	19.3	97	55-153	
Vinyl chloride	20.0	22.1	110	61-144	
Chloroethane	20.0	22.6	113	69-145	
Trichlorofluoromethane	20.0	22.4	112	69-147	
Freon TF	20.0	23.5	118	47-139	
Methylene Chloride	20.0	22.0	110	79-119	
Acetone	20.0	22.6	113	45-156	
Carbon disulfide	20.0	24.2	121	58-139	
Methyl acetate	20.0	16.9	85	50-151	
1,1-Dichloroethene	20.0	20.5	103	56-139	
1,1-Dichloroethane	20.0	20.8	104	78-122	
cis-1,2-Dichloroethene	20.0	20.2	101	80-120	
trans-1,2-Dichloroethene	20.0	19.7	98	75-122	
MTBE	20.0	20.1	101	71-115	
Chloroform	20.0	20.3	102	82-123	
1,2-Dichloroethane	20.0	20.6	103	74-118	
2-Butanone	20.0	19.6	98	65-114	
1,1,1-Trichloroethane	20.0	20.4	102	74-128	
Cyclohexane	20.0	22.2	111	58-133	
Carbon tetrachloride	20.0	20.9	105	73-120	
Bromodichloromethane	20.0	20.6	103	79-119	
1,2-Dichloropropane	20.0	20.1	101	80-120	
cis-1,3-Dichloropropene	20.0	20.7	104	80-120	
Trichloroethene	20.0	20.3	101	78-119	
Methylcyclohexane	20.0	21.6	108	61-129	
Dibromochloromethane	20.0	20.5	103	80-120	
1,1,2-Trichloroethane	20.0	20.3	101	79-119	
Benzene	20.0	20.9	105	83-124	
trans-1,3-Dichloropropene	20.0	20.1	100	78-118	
Bromoform	20.0	20.6	103	73-123	
Isopropylbenzene	20.0	21.7	108	80-125	
4-Methyl-2-pentanone	20.0	20.1	101	53-120	
2-Hexanone	20.0	19.5	97	53-121	
Tetrachloroethene	20.0	21.4	107	68-139	
Toluene	20.0	20.3	101	80-120	
1,1,2,2-Tetrachloroethane	20.0	20.0	100	74-126	
Chlorobenzene	20.0	20.7	103	81-121	
Ethylbenzene	20.0	21.1	106	79-126	
Xylenes, Total	60.0	64.9	108	76-121	
Styrene	20.0	21.5	108	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66358.d

Lab ID: LCS 460-105030/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	19.4	97	70-116	
1,3-Dichlorobenzene	20.0	20.1	101	81-126	
1,4-Dichlorobenzene	20.0	19.8	99	83-123	
1,2-Dichlorobenzene	20.0	20.0	100	82-122	
1,2,4-Trichlorobenzene	20.0	18.8	94	66-120	
1,2-Dibromoethane	20.0	20.1	101	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66419.d

Lab ID: LCS 460-105201/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	15.6	78	46-145	
Chloromethane	20.0	21.9	109	58-146	
Bromomethane	20.0	11.1	56	55-153	
Vinyl chloride	20.0	21.0	105	61-144	
Chloroethane	20.0	22.0	110	69-145	
Trichlorofluoromethane	20.0	22.3	111	69-147	
Freon TF	20.0	23.4	117	47-139	
Methylene Chloride	20.0	22.9	114	79-119	
Acetone	20.0	25.0	125	45-156	
Carbon disulfide	20.0	24.4	122	58-139	
Methyl acetate	20.0	18.3	92	50-151	
1,1-Dichloroethene	20.0	20.9	105	56-139	
1,1-Dichloroethane	20.0	21.3	106	78-122	
cis-1,2-Dichloroethene	20.0	21.2	106	80-120	
trans-1,2-Dichloroethene	20.0	20.7	104	75-122	
MTBE	20.0	23.0	115	71-115	
Chloroform	20.0	21.5	107	82-123	
1,2-Dichloroethane	20.0	23.1	116	74-118	
2-Butanone	20.0	20.5	102	65-114	
1,1,1-Trichloroethane	20.0	20.9	105	74-128	
Cyclohexane	20.0	22.6	113	58-133	
Carbon tetrachloride	20.0	21.9	109	73-120	
Bromodichloromethane	20.0	22.1	111	79-119	
1,2-Dichloropropane	20.0	21.3	107	80-120	
cis-1,3-Dichloropropene	20.0	22.3	111	80-120	
Trichloroethene	20.0	20.7	104	78-119	
Methylcyclohexane	20.0	23.0	115	61-129	
Dibromochloromethane	20.0	22.4	112	80-120	
1,1,2-Trichloroethane	20.0	22.3	112	79-119	
Benzene	20.0	21.2	106	83-124	
trans-1,3-Dichloropropene	20.0	22.6	113	78-118	
Bromoform	20.0	22.7	114	73-123	
Isopropylbenzene	20.0	23.9	120	80-125	
4-Methyl-2-pentanone	20.0	20.8	104	53-120	
2-Hexanone	20.0	20.0	100	53-121	
Tetrachloroethene	20.0	22.2	111	68-139	
Toluene	20.0	21.1	105	80-120	
1,1,2,2-Tetrachloroethane	20.0	21.9	110	74-126	
Chlorobenzene	20.0	21.9	110	81-121	
Ethylbenzene	20.0	22.4	112	79-126	
Xylenes, Total	60.0	69.8	116	76-121	
Styrene	20.0	23.5	118	69-112	*

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66419.d

Lab ID: LCS 460-105201/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	20.2	101	70-116	
1,3-Dichlorobenzene	20.0	23.5	118	81-126	
1,4-Dichlorobenzene	20.0	23.5	117	83-123	
1,2-Dichlorobenzene	20.0	24.0	120	82-122	
1,2,4-Trichlorobenzene	20.0	23.6	118	66-120	
1,2-Dibromoethane	20.0	22.1	110	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66425.d

Lab ID: 460-37525-2 MS Client ID: OW-5 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	100	1.0 U	116	116	46-145	
Chloromethane	100	1.0 U	130	130	58-146	
Bromomethane	100	1.0 U	98.0	98	55-153	
Vinyl chloride	100	0.83 J	119	118	61-144	
Chloroethane	100	1.0 U	125	125	69-145	
Trichlorofluoromethane	100	1.0 U	124	124	69-147	
Freon TF	100	1.0 U	122	122	47-139	
Methylene Chloride	100	1.0 U	119	119	79-119	
Acetone	100	12	141	130	45-156	
Carbon disulfide	100	1.0 U	123	123	58-139	
Methyl acetate	100	2.0 U	95.9	96	50-151	
1,1-Dichloroethene	100	1.5	107	105	56-139	
1,1-Dichloroethane	100	1.0 U	106	106	78-122	
cis-1,2-Dichloroethene	100	8.6	111	102	80-120	
trans-1,2-Dichloroethene	100	0.38 J	104	103	75-122	
MTBE	100	1.0 U	114	114	71-115	
Chloroform	100	0.12 J	109	109	82-123	
1,2-Dichloroethane	100	1.0 U	115	115	74-118	
2-Butanone	100	5.0 U	110	110	65-114	
1,1,1-Trichloroethane	100	1.0 U	107	107	74-128	
Cyclohexane	100	1.0 U	114	114	58-133	
Carbon tetrachloride	100	1.0 U	112	112	73-120	
Bromodichloromethane	100	0.17 J	114	114	79-119	
1,2-Dichloropropane	100	1.0 U	108	108	80-120	
cis-1,3-Dichloropropene	100	1.0 U	111	111	80-120	
Trichloroethene	100	180	240	61	78-119	*
Methylcyclohexane	100	1.0 U	120	120	61-129	
Dibromochloromethane	100	0.43 J	116	115	80-120	
1,1,2-Trichloroethane	100	1.0 U	113	113	79-119	
Benzene	100	1.0 U	107	107	83-124	
trans-1,3-Dichloropropene	100	1.0 U	111	111	78-118	
Bromoform	100	0.48 J	116	115	73-123	
Isopropylbenzene	100	1.0 U	118	118	80-125	
4-Methyl-2-pentanone	100	5.0 U	105	105	53-120	
2-Hexanone	100	5.0 U	98.9	99	53-121	
Tetrachloroethene	100	0.30 J	112	112	68-139	
Toluene	100	0.28 J	106	106	80-120	
1,1,2,2-Tetrachloroethane	100	1.0 U	109	109	74-126	
Chlorobenzene	100	1.0 U	111	111	81-121	
Ethylbenzene	100	1.0 U	111	111	79-126	
Xylenes, Total	300	3.0 U	345	115	76-121	
Styrene	100	1.0 U	117	117	69-112	*

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66425.d

Lab ID: 460-37525-2 MS Client ID: OW-5 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	100	1.0 U	104	104	70-116	
1,3-Dichlorobenzene	100	1.0 U	116	116	81-126	
1,4-Dichlorobenzene	100	0.27 J	115	115	83-123	
1,2-Dichlorobenzene	100	1.0 U	120	120	82-122	
1,2,4-Trichlorobenzene	100	1.0 U	115	115	66-120	
1,2-Dibromoethane	100	1.0 U	112	112	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66426.d

Lab ID: 460-37525-2 MSD Client ID: OW-5 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Dichlorodifluoromethane	100	126	126	8	30	46-145	
Chloromethane	100	136	136	5	30	58-146	
Bromomethane	100	102	102	4	30	55-153	
Vinyl chloride	100	129	129	8	30	61-144	
Chloroethane	100	131	131	4	30	69-145	
Trichlorofluoromethane	100	129	129	4	30	69-147	
Freon TF	100	125	125	2	30	47-139	
Methylene Chloride	100	122	122	2	30	79-119	*
Acetone	100	153	141	8	30	45-156	
Carbon disulfide	100	128	128	3	30	58-139	
Methyl acetate	100	100	100	4	30	50-151	
1,1-Dichloroethene	100	113	112	6	30	56-139	
1,1-Dichloroethane	100	111	111	4	30	78-122	
cis-1,2-Dichloroethene	100	115	106	4	30	80-120	
trans-1,2-Dichloroethene	100	106	106	3	30	75-122	
MTBE	100	117	117	3	30	71-115	*
Chloroform	100	113	113	4	30	82-123	
1,2-Dichloroethane	100	120	120	4	30	74-118	*
2-Butanone	100	112	112	2	30	65-114	
1,1,1-Trichloroethane	100	111	111	4	30	74-128	
Cyclohexane	100	119	119	4	30	58-133	
Carbon tetrachloride	100	114	114	2	30	73-120	
Bromodichloromethane	100	116	116	2	30	79-119	
1,2-Dichloropropane	100	111	111	3	30	80-120	
cis-1,3-Dichloropropene	100	114	114	2	30	80-120	
Trichloroethene	100	248	68	3	30	78-119	*
Methylcyclohexane	100	123	123	3	30	61-129	
Dibromochloromethane	100	121	121	5	30	80-120	*
1,1,2-Trichloroethane	100	118	118	5	30	79-119	
Benzene	100	112	112	5	30	83-124	
trans-1,3-Dichloropropene	100	116	116	5	30	78-118	
Bromoform	100	122	122	6	30	73-123	
Isopropylbenzene	100	125	125	6	30	80-125	
4-Methyl-2-pentanone	100	112	112	7	30	53-120	
2-Hexanone	100	107	107	8	30	53-121	
Tetrachloroethene	100	119	119	6	30	68-139	
Toluene	100	112	112	6	30	80-120	
1,1,2,2-Tetrachloroethane	100	110	110	1	30	74-126	
Chlorobenzene	100	116	116	5	30	81-121	
Ethylbenzene	100	118	118	6	30	79-126	
Xylenes, Total	300	368	123	6	30	76-121	*
Styrene	100	123	123	5	30	69-112	*

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Matrix: Water Level: Low Lab File ID: c66426.d

Lab ID: 460-37525-2 MSD Client ID: OW-5 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	100	107	107	2	30	70-116	
1,3-Dichlorobenzene	100	120	120	3	30	81-126	
1,4-Dichlorobenzene	100	119	119	3	30	83-123	
1,2-Dichlorobenzene	100	124	124	3	30	82-122	*
1,2,4-Trichlorobenzene	100	122	122	6	30	66-120	*
1,2-Dibromoethane	100	116	116	3	30	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab File ID: c66361.d Lab Sample ID: MB 460-105030/4

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

Instrument ID: VOAMS3 Date Analyzed: 03/08/2012 10:18

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-105030/3	c66358.d	03/08/2012 09:02
FB-030212	460-37525-6	c66376.d	03/08/2012 16:06
Trip Blank	460-37525-7	c66377.d	03/08/2012 16:29
OW-4	460-37525-1	c66381.d	03/08/2012 18:01
MW-35I	460-37525-4	c66383.d	03/08/2012 18:48
DUP-030212	460-37525-5	c66384.d	03/08/2012 19:11

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab File ID: c66422.d Lab Sample ID: MB 460-105201/4

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

Instrument ID: VOAMS3 Date Analyzed: 03/09/2012 11:47

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-105201/3	c66419.d	03/09/2012 10:33
OW-5	460-37525-2	c66423.d	03/09/2012 12:10
MW-34I	460-37525-3	c66424.d	03/09/2012 12:34
OW-5 MS	460-37525-2 MS	c66425.d	03/09/2012 12:57
OW-5 MSD	460-37525-2 MSD	c66426.d	03/09/2012 13:20

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab File ID: c66257.d BFB Injection Date: 03/06/2012

Instrument ID: VOAMS3 BFB Injection Time: 14:55

Analysis Batch No.: 104873

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	48.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	88.4	
175	5.0 - 9.0 % of mass 174	7.0	(7.9)1
176	95.0 - 101.0 % of mass 174	86.9	(98.4)1
177	5.0 - 9.0 % of mass 176	5.4	(6.2)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-104873/2	c66259.d	03/06/2012	15:38
	ICIS 460-104873/3	c66260.d	03/06/2012	16:01
	IC 460-104873/4	c66261.d	03/06/2012	16:25
	IC 460-104873/5	c66262.d	03/06/2012	16:47
	IC 460-104873/6	c66263.d	03/06/2012	17:10
	IC 460-104873/7	c66270.d	03/06/2012	20:26

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab File ID: c66356.d BFB Injection Date: 03/08/2012

Instrument ID: VOAMS3 BFB Injection Time: 08:23

Analysis Batch No.: 105030

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.7	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	96.7	
175	5.0 - 9.0 % of mass 174	6.8	(7.0)1
176	95.0 - 101.0 % of mass 174	94.4	(97.6)1
177	5.0 - 9.0 % of mass 176	6.8	(7.2)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-105030/2	c66357.d	03/08/2012	08:35
	LCS 460-105030/3	c66358.d	03/08/2012	09:02
	MB 460-105030/4	c66361.d	03/08/2012	10:18
FB-030212	460-37525-6	c66376.d	03/08/2012	16:06
Trip Blank	460-37525-7	c66377.d	03/08/2012	16:29
OW-4	460-37525-1	c66381.d	03/08/2012	18:01
MW-35I	460-37525-4	c66383.d	03/08/2012	18:48
DUP-030212	460-37525-5	c66384.d	03/08/2012	19:11

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab File ID: c66416.d BFB Injection Date: 03/09/2012

Instrument ID: VOAMS3 BFB Injection Time: 09:16

Analysis Batch No.: 105201

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.1	
75	30.0 - 60.0 % of mass 95	50.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	87.7	
175	5.0 - 9.0 % of mass 174	6.5	(7.4)1
176	95.0 - 101.0 % of mass 174	85.7	(97.7)1
177	5.0 - 9.0 % of mass 176	4.4	(5.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-105201/2	c66418.d	03/09/2012	10:05
	LCS 460-105201/3	c66419.d	03/09/2012	10:33
	MB 460-105201/4	c66422.d	03/09/2012	11:47
OW-5	460-37525-2	c66423.d	03/09/2012	12:10
MW-34I	460-37525-3	c66424.d	03/09/2012	12:34
OW-5 MS	460-37525-2 MS	c66425.d	03/09/2012	12:57
OW-5 MSD	460-37525-2 MSD	c66426.d	03/09/2012	13:20

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Sample No.: CCVIS 460-105030/2 Date Analyzed: 03/08/2012 08:35

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c66357.d Heated Purge: (Y/N) N

Calibration ID: 14679

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		626514	5.66	448740	8.62	233309	10.38
UPPER LIMIT		1253028	6.16	897480	9.12	466618	10.88
LOWER LIMIT		313257	5.16	224370	8.12	116655	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-105030/3		627482	5.66	446387	8.62	231951	10.38
MB 460-105030/4		610844	5.66	435621	8.62	218819	10.38
460-37525-6	FB-030212	609351	5.66	431164	8.62	219026	10.38
460-37525-7	Trip Blank	606189	5.66	432405	8.62	217733	10.38
460-37525-1	OW-4	576222	5.66	413330	8.62	212094	10.38
460-37525-4	MW-35I	596832	5.66	423879	8.62	211714	10.38
460-37525-5	DUP-030212	546871	5.66	403239	8.62	202673	10.38

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Sample No.: CCVIS 460-105201/2 Date Analyzed: 03/09/2012 10:05

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): c66418.d Heated Purge: (Y/N) N

Calibration ID: 14679

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		637752	5.66	461975	8.62	247471	10.38
UPPER LIMIT		1275504	6.16	923950	9.12	494942	10.88
LOWER LIMIT		318876	5.16	230988	8.12	123736	9.88
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-105201/3		652980	5.66	473507	8.62	250830	10.38
MB 460-105201/4		647002	5.66	461687	8.62	238858	10.38
460-37525-2	OW-5	639661	5.66	457129	8.62	237804	10.38
460-37525-3	MW-34I	634082	5.66	452038	8.62	231506	10.38
460-37525-2 MS	OW-5 MS	651986	5.66	475508	8.62	250792	10.38
460-37525-2 MSD	OW-5 MSD	639412	5.66	463880	8.62	248151	10.38

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-4 | Lab Sample ID: 460-37525-1

Matrix: Water | Lab File ID: c66381.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 18:01

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	1.1
74-87-3	Chloromethane	5.0	U	5.0	0.50
74-83-9	Bromomethane	5.0	U	5.0	0.90
75-01-4	Vinyl chloride	5.0	U	5.0	0.70
75-00-3	Chloroethane	5.0	U	5.0	0.85
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.75
76-13-1	Freon TF	5.0	U	5.0	0.40
75-09-2	Methylene Chloride	5.0	U	5.0	0.90
67-64-1	Acetone	25	U	25	13
75-15-0	Carbon disulfide	5.0	U	5.0	0.65
79-20-9	Methyl acetate	10	U	10	1.7
75-35-4	1,1-Dichloroethene	5.0		5.0	0.45
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.65
156-59-2	cis-1,2-Dichloroethene	120		5.0	0.90
156-60-5	trans-1,2-Dichloroethene	4.8	J	5.0	0.65
1634-04-4	MTBE	5.0	U	5.0	0.70
67-66-3	Chloroform	5.0	U	5.0	0.40
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.95
78-93-3	2-Butanone	25	U	25	12
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.30
110-82-7	Cyclohexane	5.0	U	5.0	0.80
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.30
75-27-4	Bromodichloromethane	5.0	U	5.0	0.60
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.90
79-01-6	Trichloroethene	1600		5.0	0.45
108-87-2	Methylcyclohexane	5.0	U	5.0	0.70
124-48-1	Dibromochloromethane	5.0	U	5.0	1.0
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.95
71-43-2	Benzene	5.0	U	5.0	0.40
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	1.2
75-25-2	Bromoform	5.0	U	5.0	0.95
98-82-8	Isopropylbenzene	5.0	U	5.0	0.40
108-10-1	4-Methyl-2-pentanone	25	U	25	5.0
591-78-6	2-Hexanone	25	U	25	2.5
127-18-4	Tetrachloroethene	0.59	J	5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-4 | Lab Sample ID: 460-37525-1

Matrix: Water | Lab File ID: c66381.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:40

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 18:01

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.0	U	5.0	0.75
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.80
108-90-7	Chlorobenzene	5.0	U	5.0	0.55
100-41-4	Ethylbenzene	5.0	U	5.0	0.50
1330-20-7	Xylenes, Total	15	U	15	1.8
100-42-5	Styrene	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.0
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	0.70
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	1.2
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	1.1
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.7
106-93-4	1,2-Dibromoethane	5.0	U	5.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66381.d
Report Date: 09-Mar-2012 12:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66381.d
Lab Smp Id: 460-37525-A-1 Client Smp ID: OW-4
Inj Date : 08-MAR-2012 18:01
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-A-1;5
Misc Info : 460-37525-A-1
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 25
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
15	1,1-Dichloroethene	96	2.734	2.728	(0.483)	1844	1.00774	5.0
25	trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	2074	0.95848	4.8(a)
36	cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	57569	23.4324	120
$ 47	1,2-Dichloroethane-d4 (SUR)	65	5.350	5.350	(0.945)	177389	53.0097	53
* 52	Fluorobenzene	96	5.660	5.660	(1.000)	576222	50.0000	
54	Trichloroethene	95	6.073	6.073	(1.073)	764819	328.247	1600
$ 65	Toluene-d8 (SUR)	98	7.339	7.339	(0.851)	544861	50.4436	50
71	Tetrachloroethene	166	7.874	7.868	(0.913)	286	0.11881	0.59(aH)
* 78	Chlorobenzene-d5	117	8.622	8.622	(1.000)	413330	50.0000	
$ 89	Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	177473	48.5956	48
* 108	1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	212094	50.0000	
M 120	1,2-Dichloroethene (Total)	100				59643	24.3908	120

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66381.d
Report Date: 09-Mar-2012 12:32

QC Flag Legend

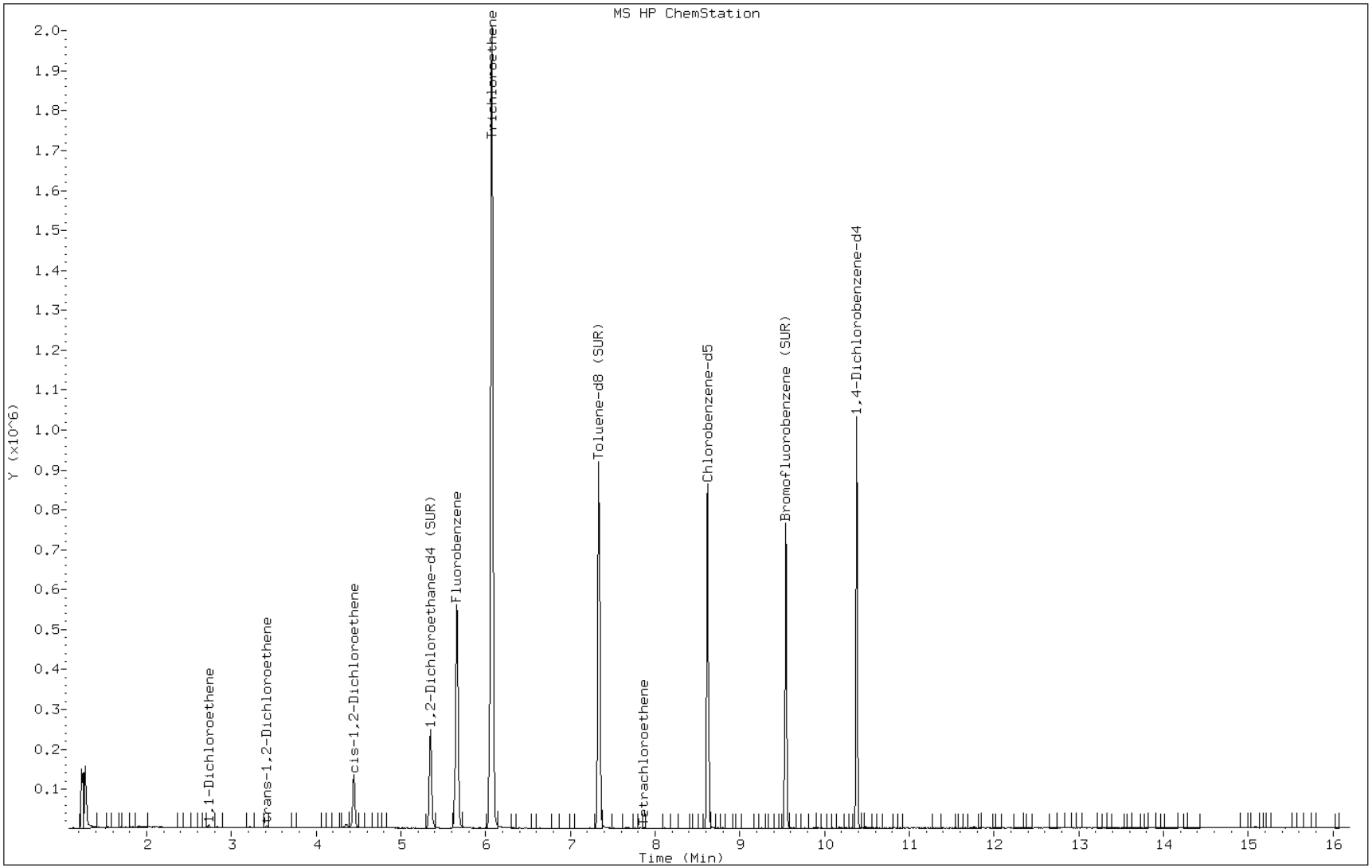
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: c66381.d

Date: 08-MAR-2012 18:01

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-37525-A-1;5 Operator: VOA GC/MS3



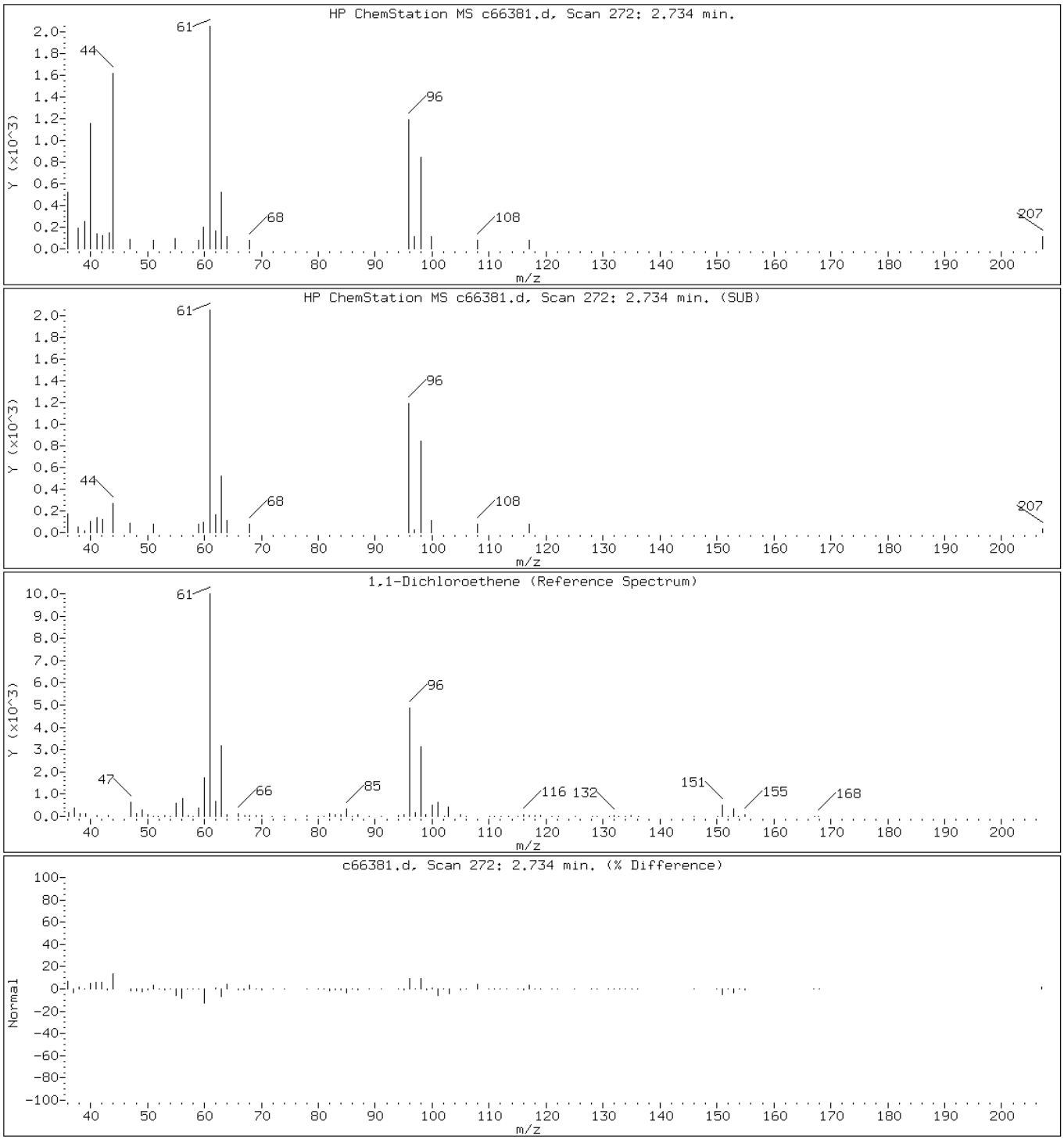
Data File: c66381.d

Date: 08-MAR-2012 18:01

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-37525-A-1;5 Operator: VOA GC/MS3

15 1,1-Dichloroethene



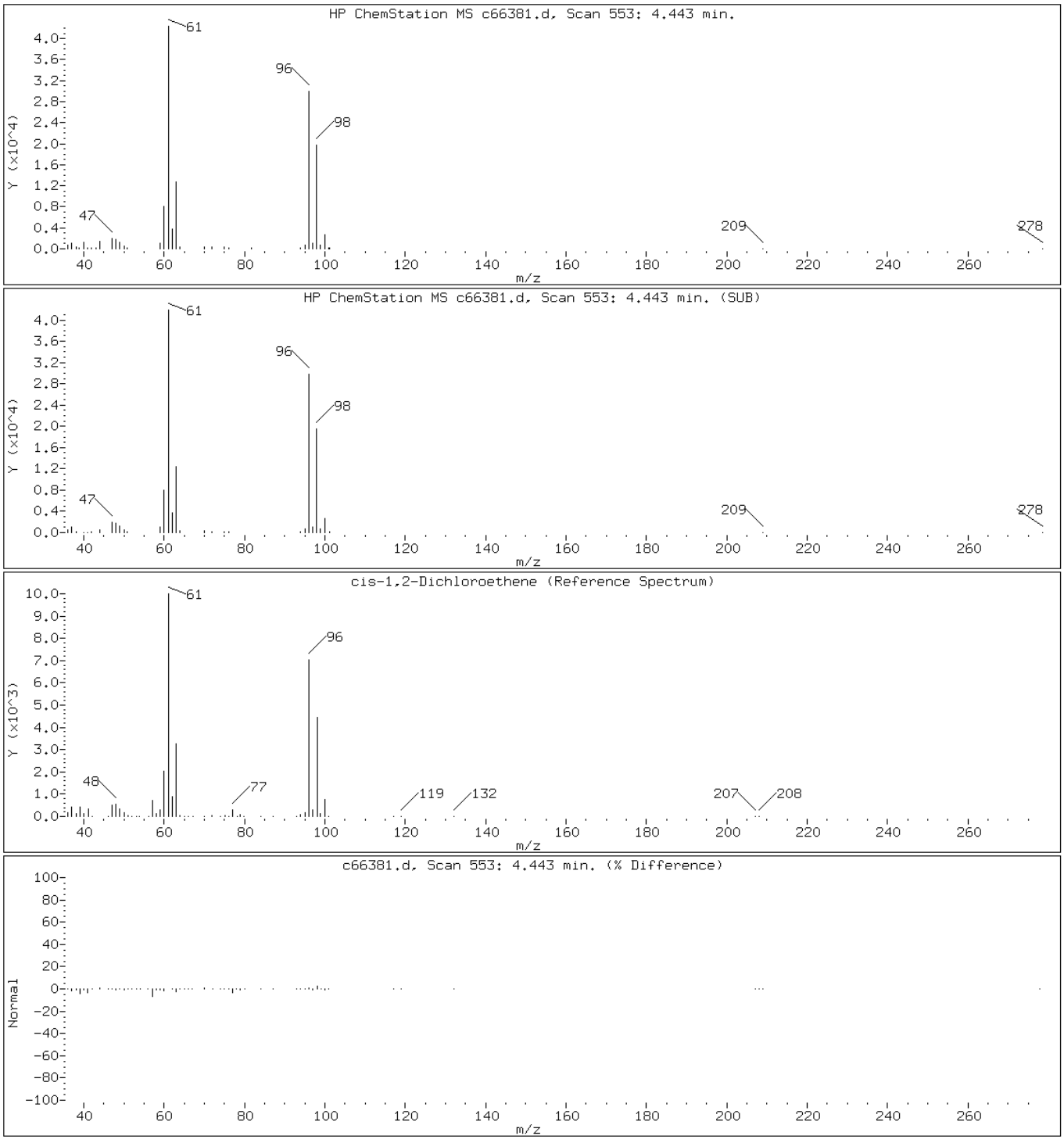
Data File: c66381.d

Date: 08-MAR-2012 18:01

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-37525-A-1;5 Operator: VOA GC/MS3

36 cis-1,2-Dichloroethene



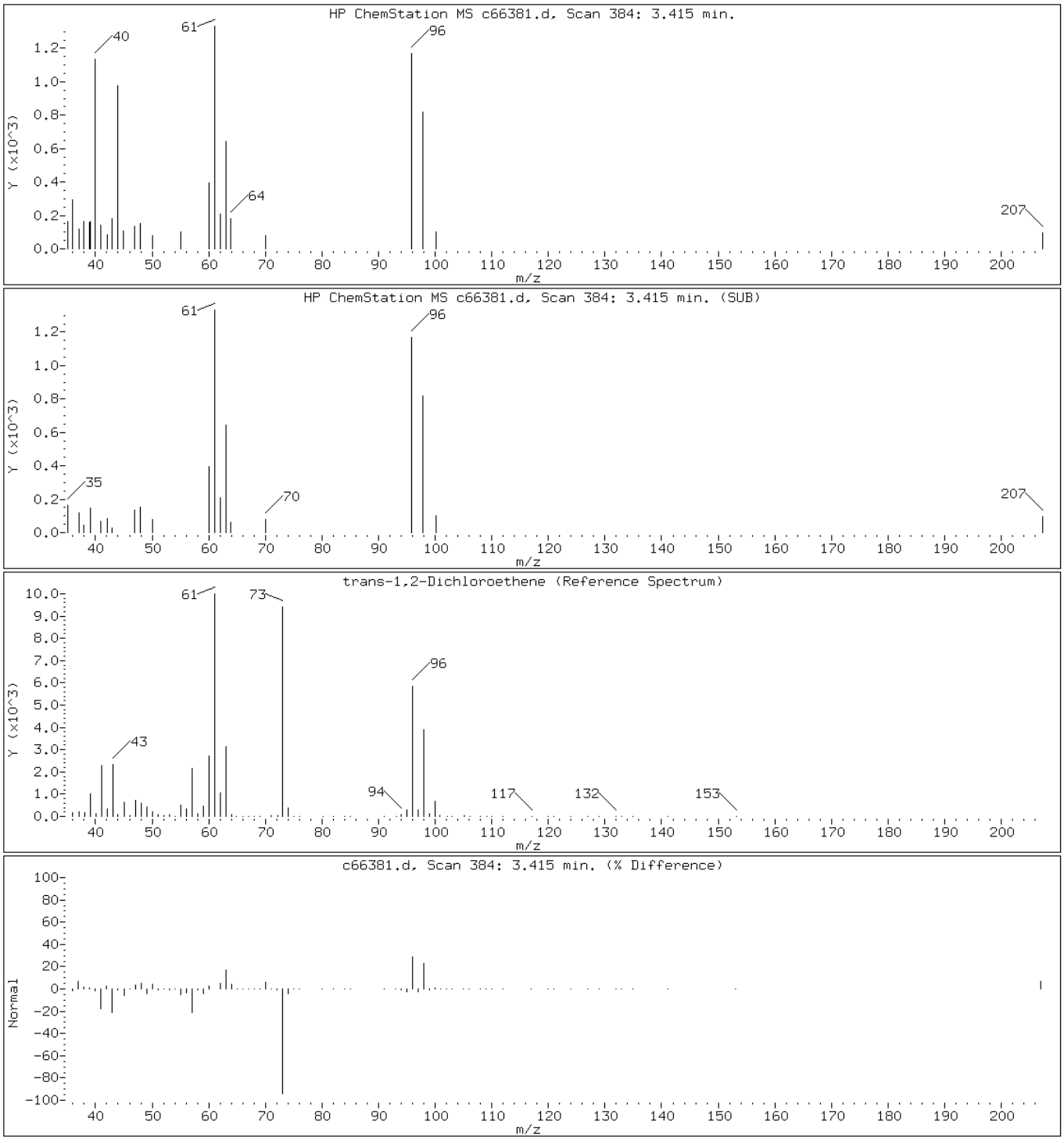
Data File: c66381.d

Date: 08-MAR-2012 18:01

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-37525-A-1;5 Operator: VOA GC/MS3

25 trans-1,2-Dichloroethene



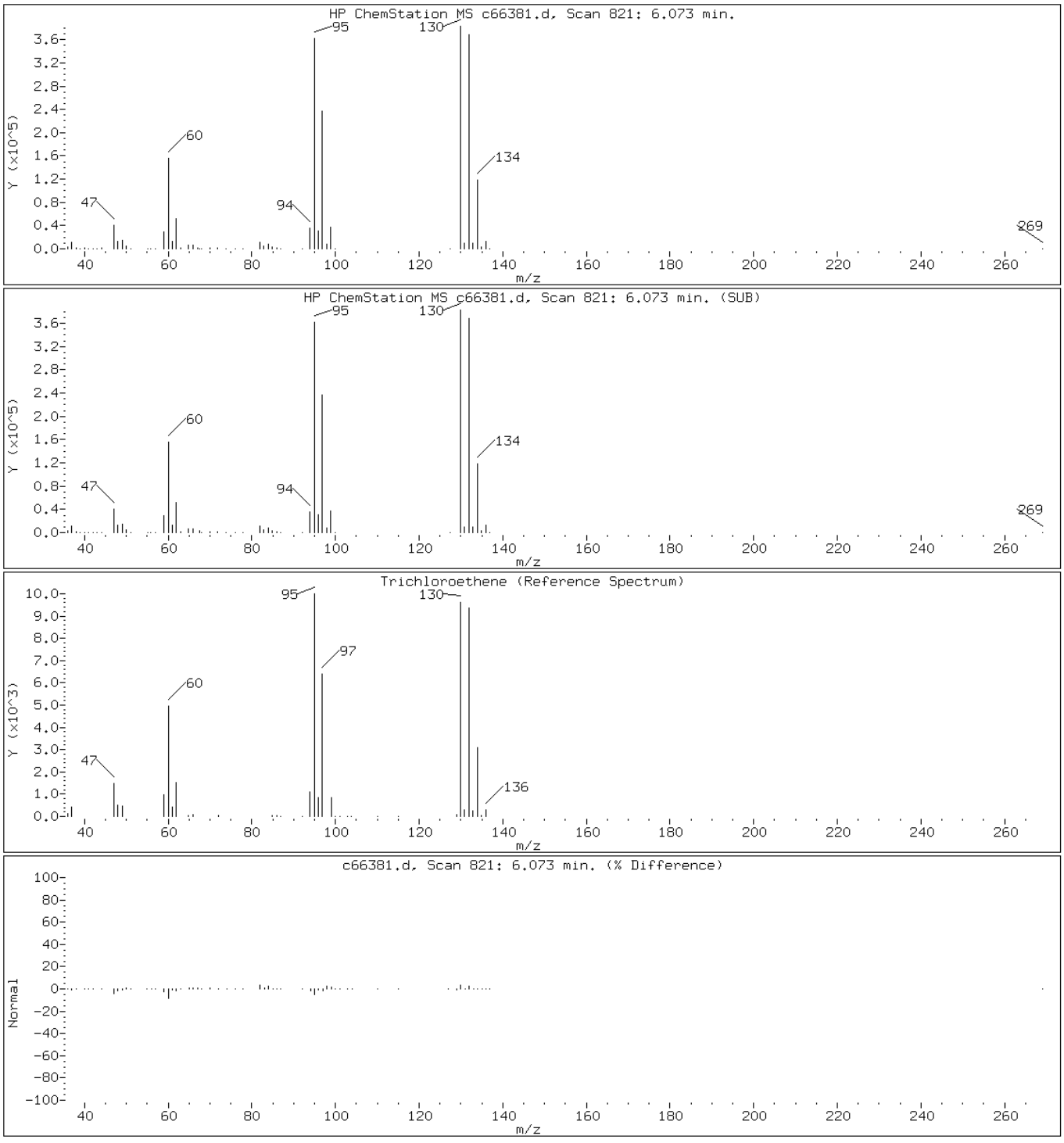
Data File: c66381.d

Date: 08-MAR-2012 18:01

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-37525-A-1;5 Operator: VOA GC/MS3

54 Trichloroethene



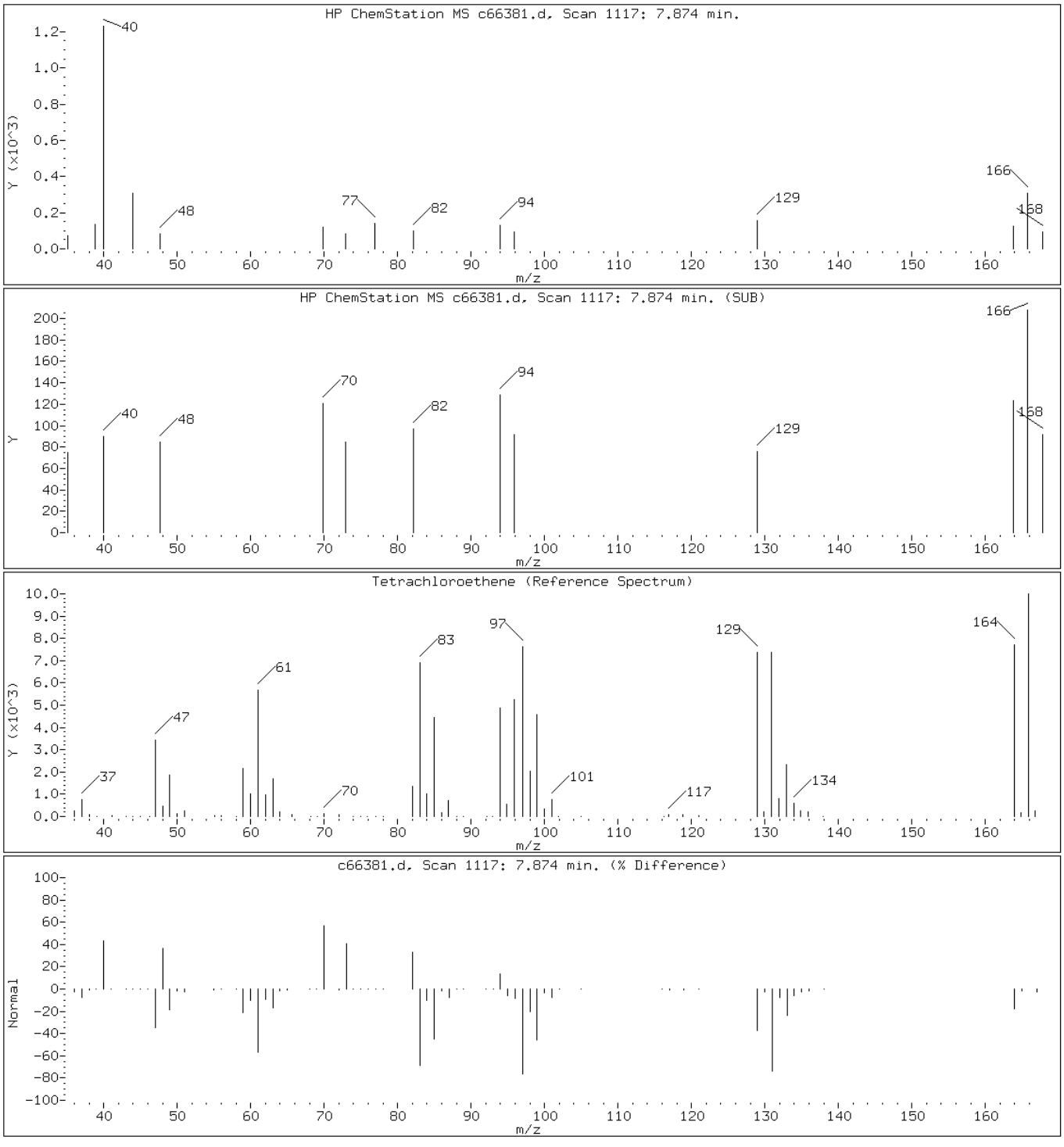
Data File: c66381.d

Date: 08-MAR-2012 18:01

Client ID: OW-4 Instrument: VOAMS3.i

Sample Info: 460-37525-A-1;5 Operator: VOA GC/MS3

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-5 | Lab Sample ID: 460-37525-2

Matrix: Water | Lab File ID: c66423.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:55

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 12:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	0.83	J	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	12		5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.5		1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	8.6		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.38	J	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	0.12	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	0.17	J	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	180		1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	0.43	J	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	0.48	J	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.30	J	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-5 | Lab Sample ID: 460-37525-2

Matrix: Water | Lab File ID: c66423.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:55

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 12:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.28	J	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U *	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	0.27	J	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66423.d
Report Date: 09-Mar-2012 14:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66423.d
Lab Smp Id: 460-37525-B-2 Client Smp ID: OW-5
Inj Date : 09-MAR-2012 12:10
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-B-2
Misc Info : 460-37525-B-2
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/8260_09.m
Meth Date : 09-Mar-2012 10:24 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.687	1.687	(0.298)	2331	0.82680	0.83(a)
	15 1,1-Dichloroethene	96	2.727	2.728	(0.482)	3021	1.48723	1.5
	16 Acetone	43	2.831	2.831	(0.500)	9471	11.7980	12
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	914	0.38050	0.38(a)
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	23501	8.61695	8.6
	42 Chloroform	83	4.765	4.760	(0.842)	523	0.11957	0.12(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.349	5.344	(0.945)	200649	54.0139	54
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	639661	50.0000	
	54 Trichloroethene	95	6.073	6.074	(1.073)	463819	179.321	180
	68 Bromodichloromethane	83	6.682	6.676	(1.181)	533	0.16810	0.17(aH)
$	65 Toluene-d8 (SUR)	98	7.339	7.333	(0.851)	598316	50.0852	50
	66 Toluene	91	7.406	7.400	(0.859)	3048	0.27994	0.28(a)
	71 Tetrachloroethene	166	7.874	7.868	(0.913)	794	0.29824	0.30(a)
	74 Dibromochloromethane	129	8.160	8.154	(0.946)	977	0.42907	0.43(aH)
*	78 Chlorobenzene-d5	117	8.622	8.623	(1.000)	457129	50.0000	
	86 Bromoform	173	9.304	9.310	(1.079)	715	0.48307	0.48(aH)

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66423.d
Report Date: 09-Mar-2012 14:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	200150	48.8798	49
* 108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	237804	50.0000	
109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	1388	0.27384	0.27(a)
M 120 1,2-Dichloroethene (Total)	100				24415	8.99746	9.0

QC Flag Legend

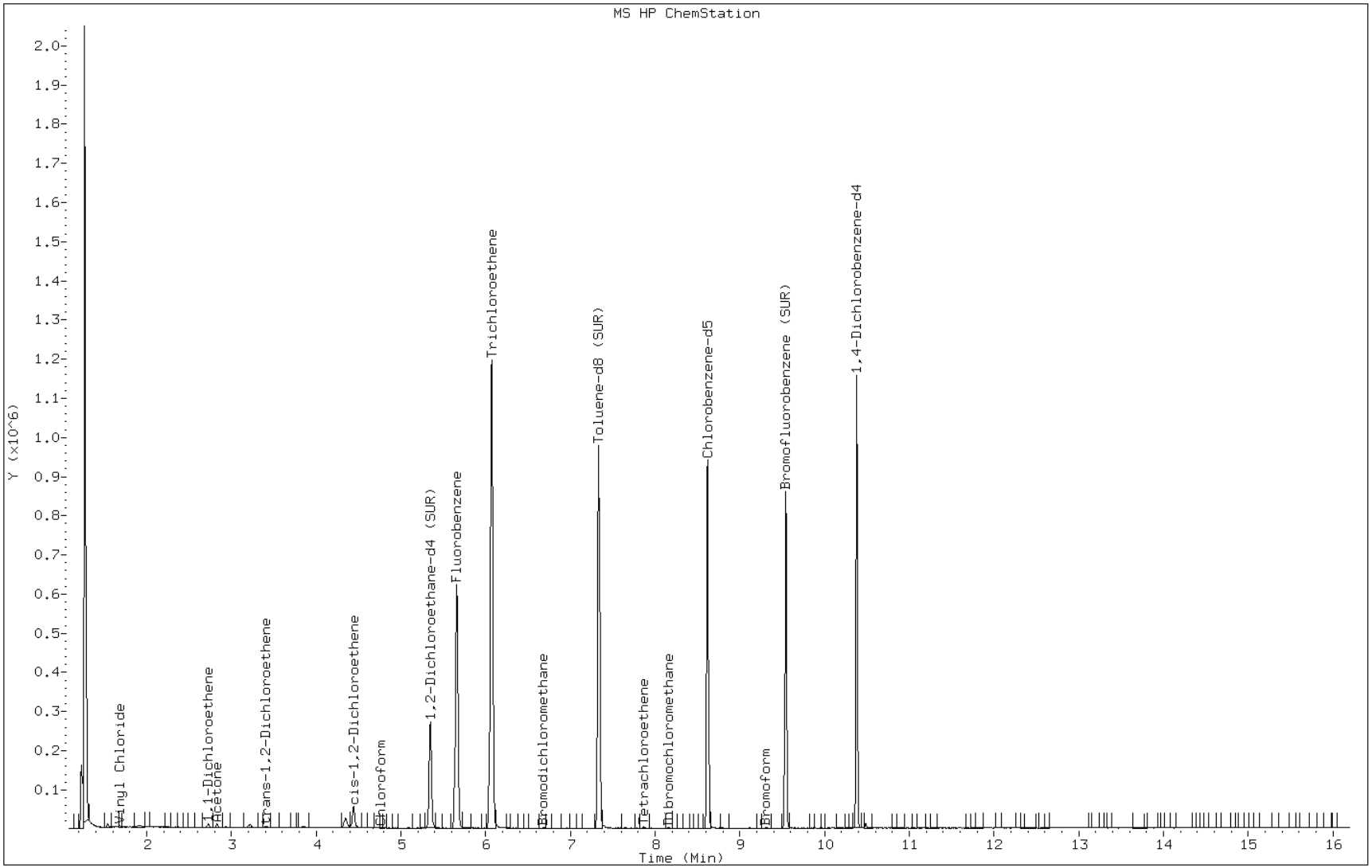
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3



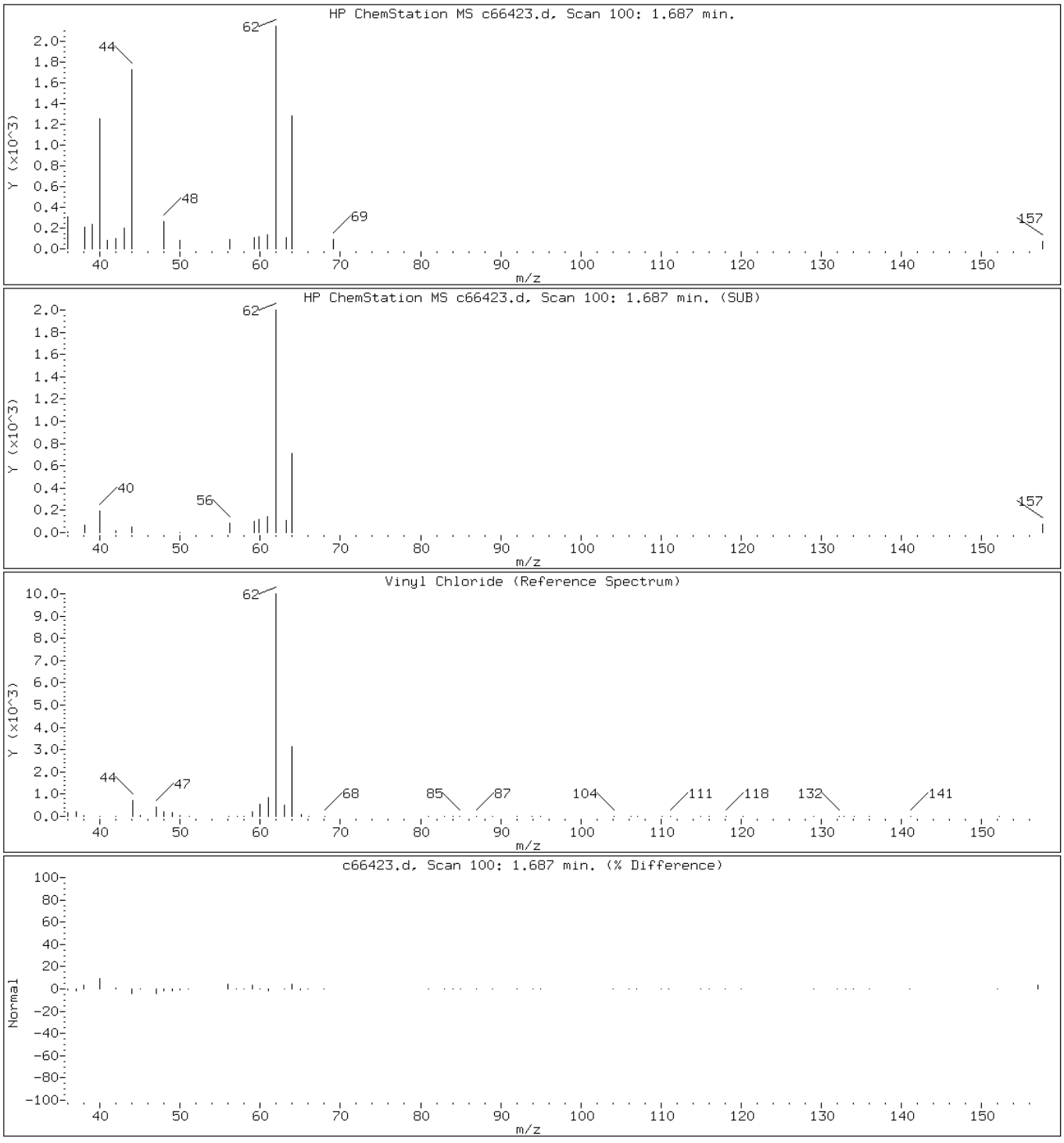
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

4 Vinyl Chloride



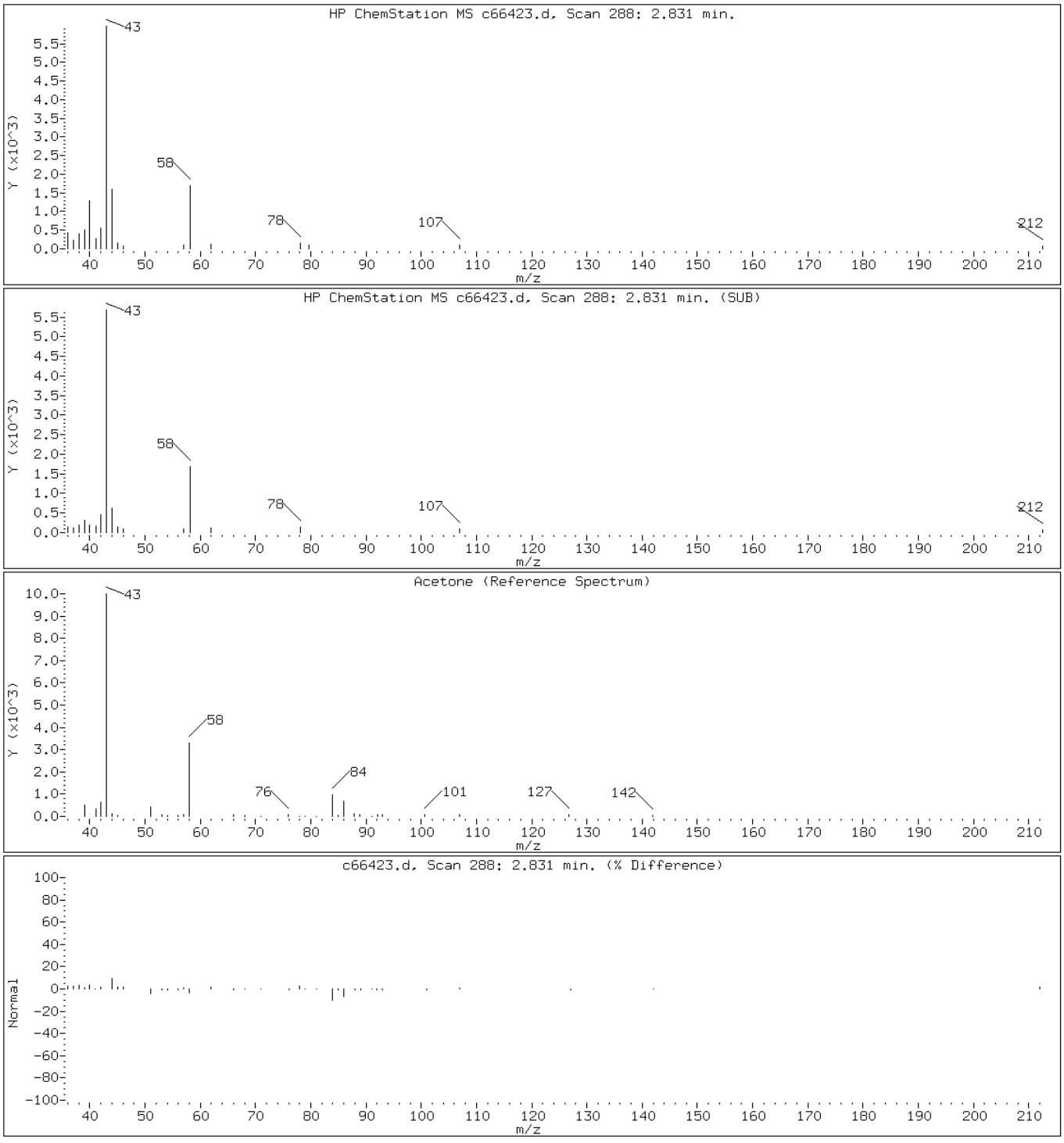
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

16 Acetone



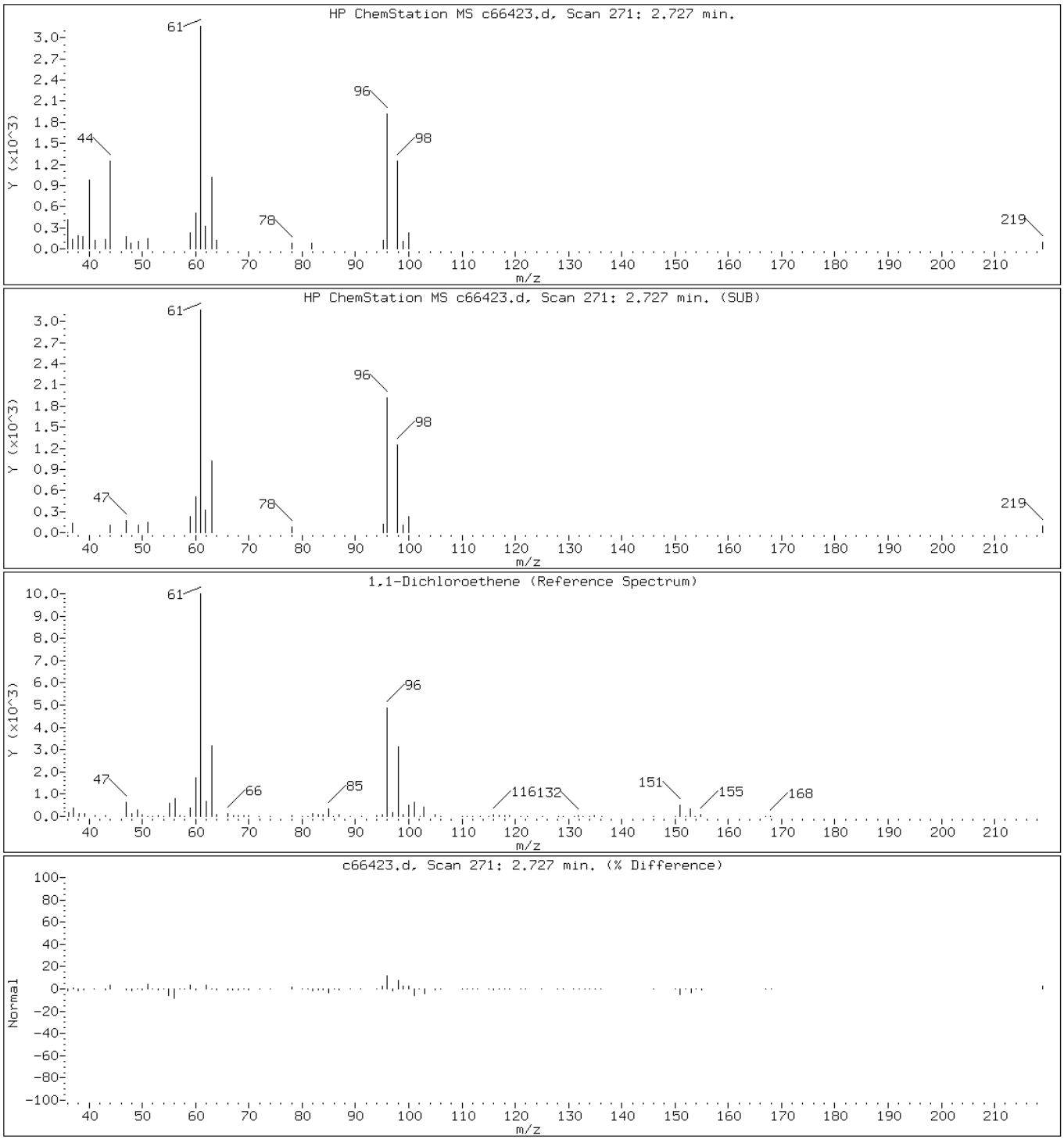
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

15 1,1-Dichloroethene



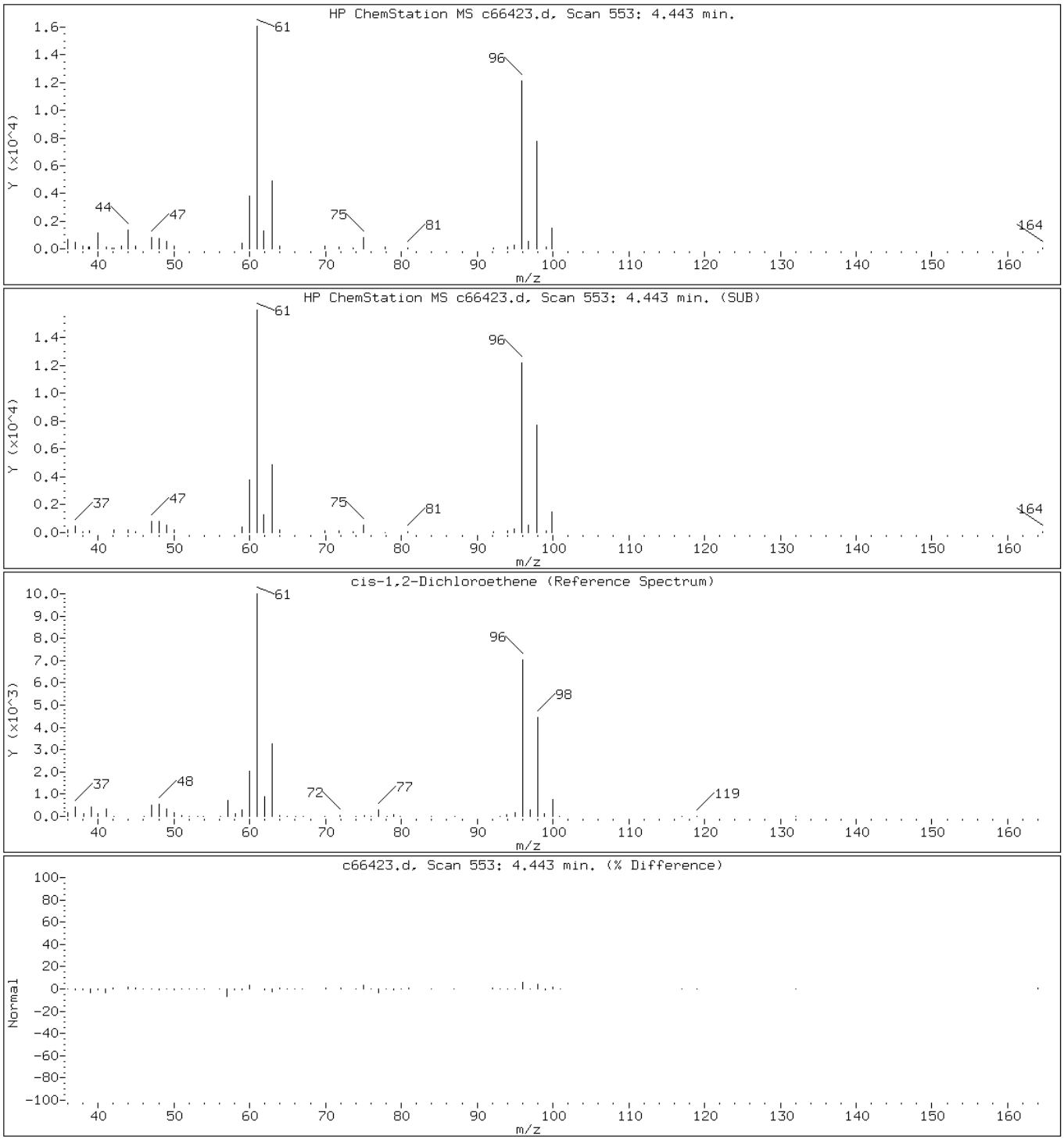
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

36 cis-1,2-Dichloroethene



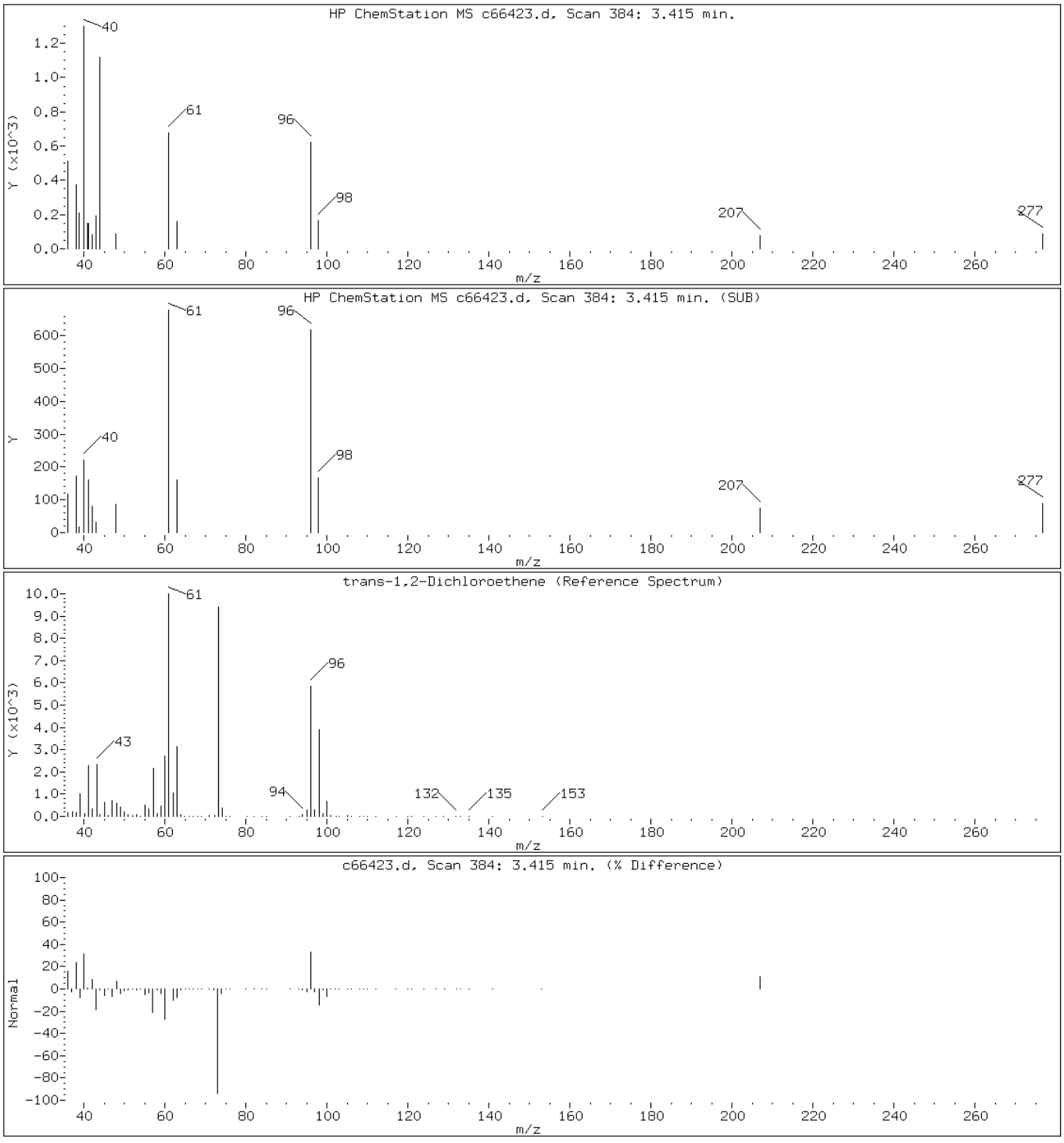
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

25 trans-1,2-Dichloroethene



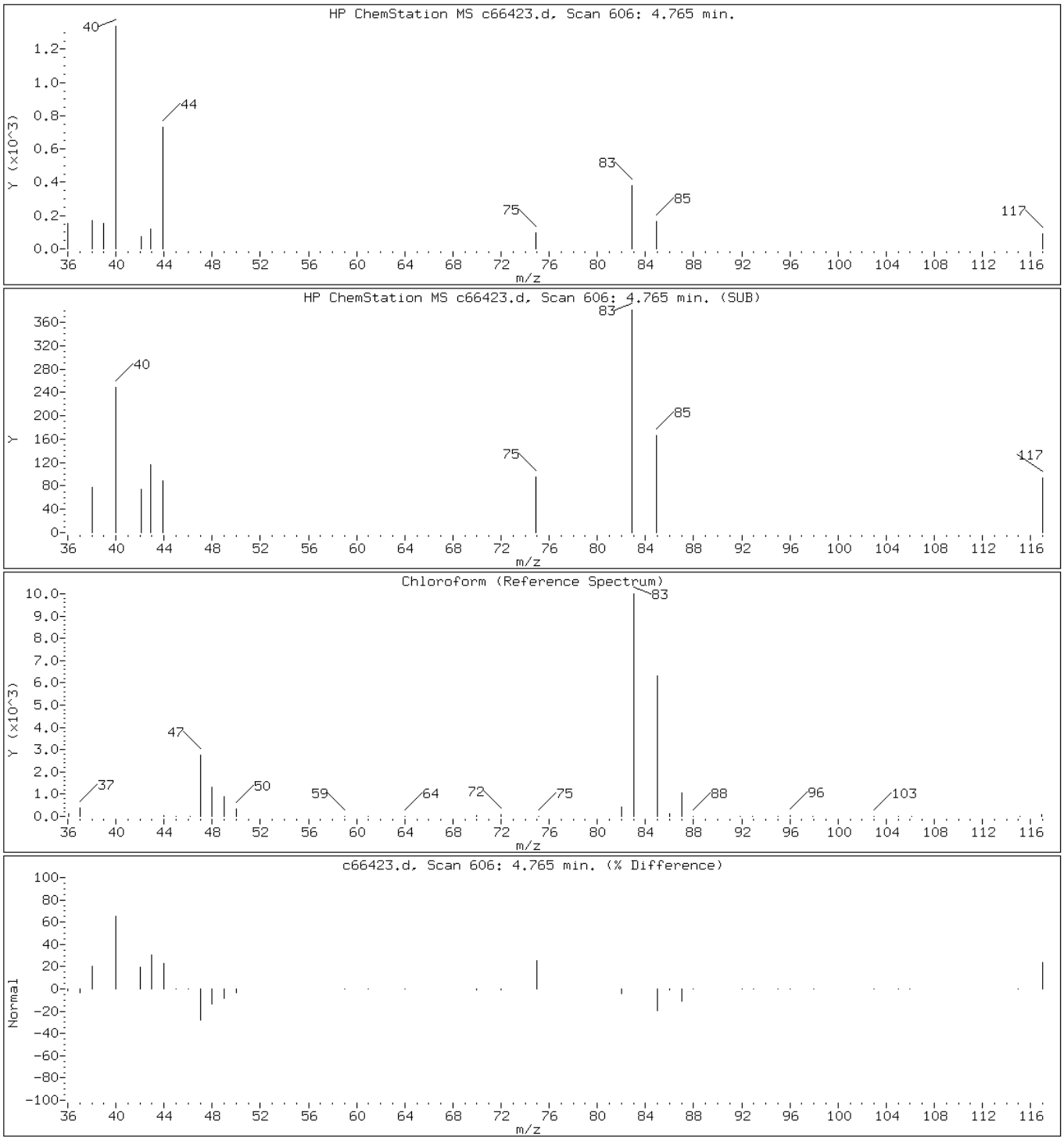
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

42 Chloroform



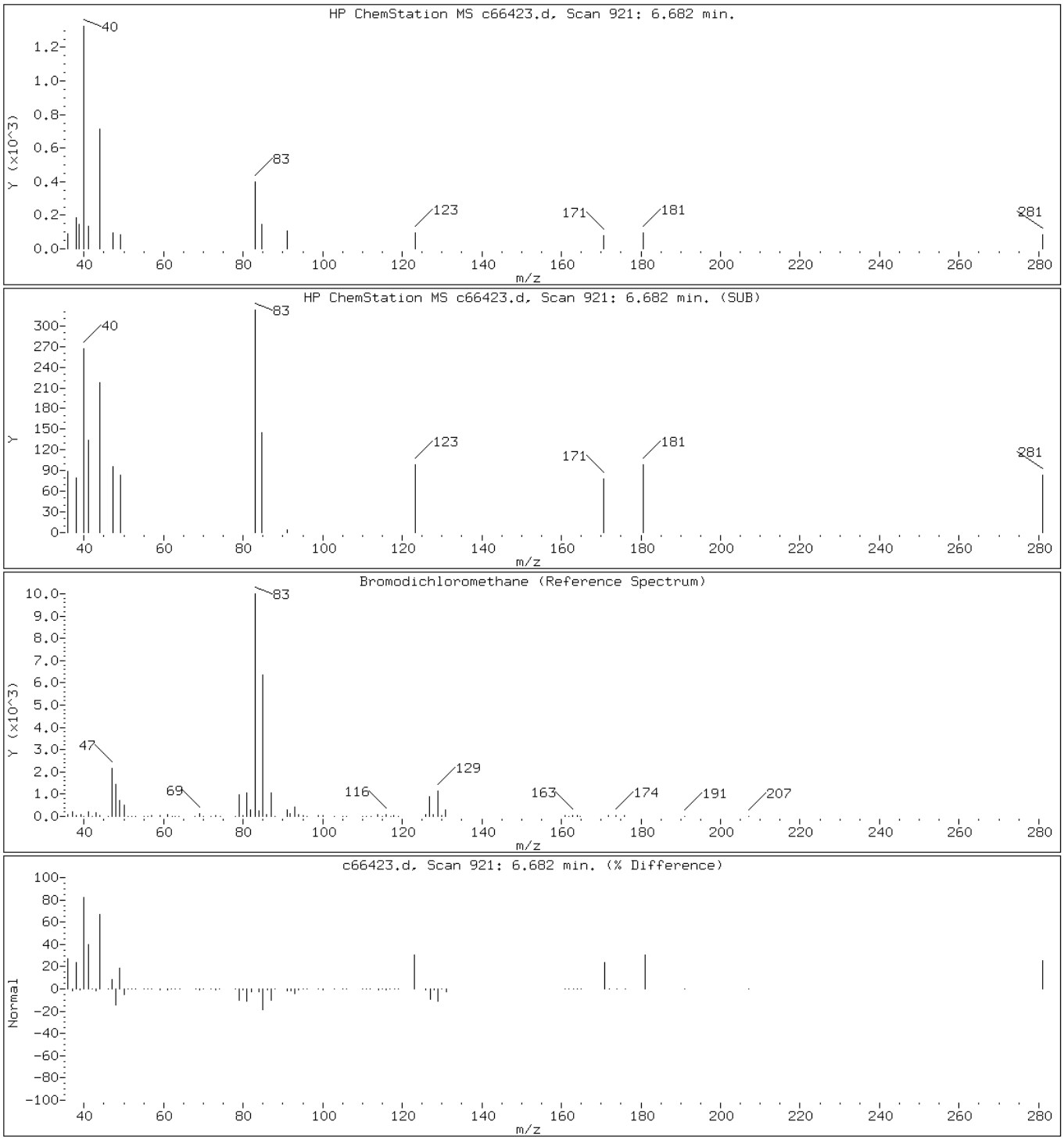
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

68 Bromodichloromethane



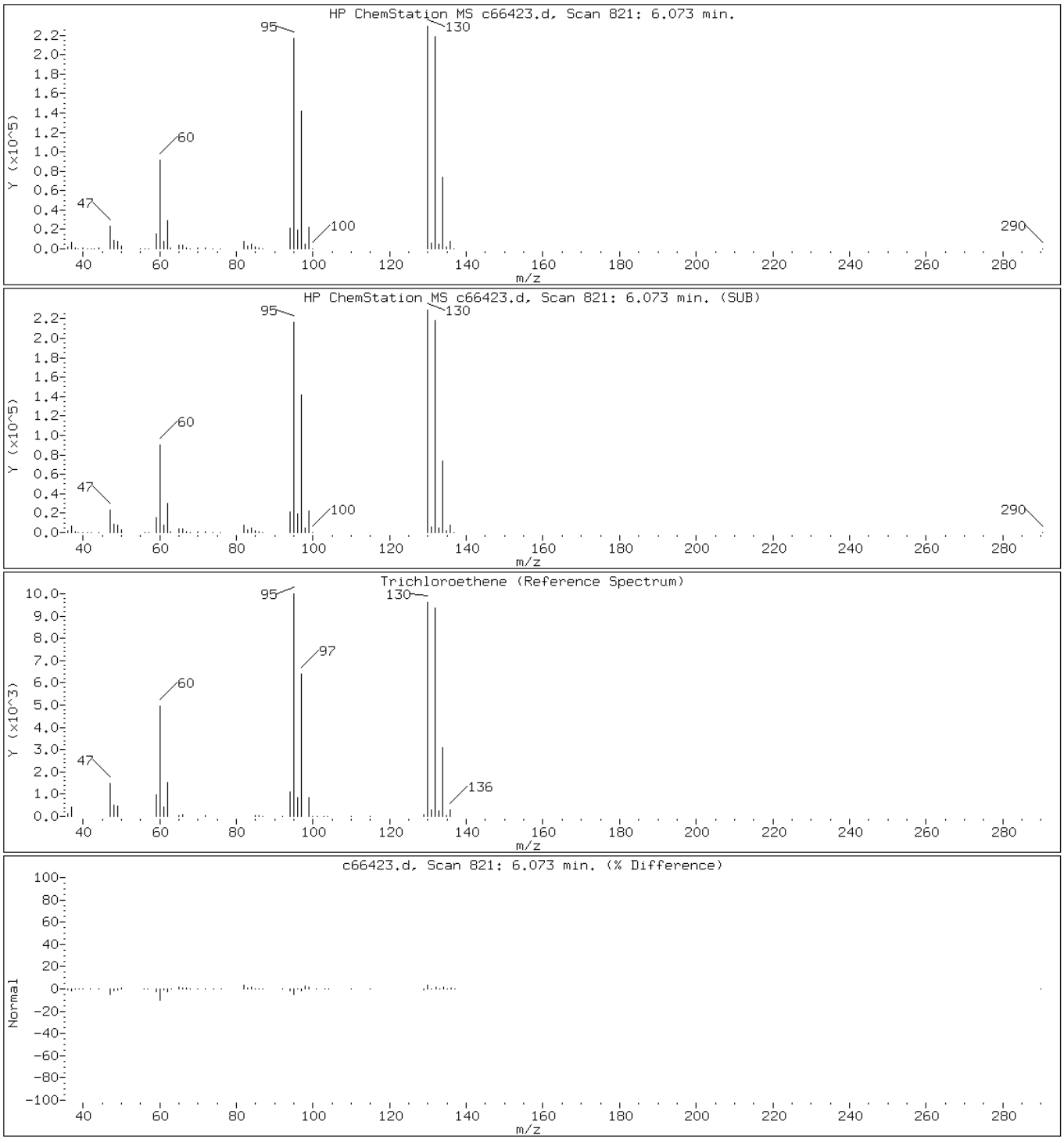
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

54 Trichloroethene



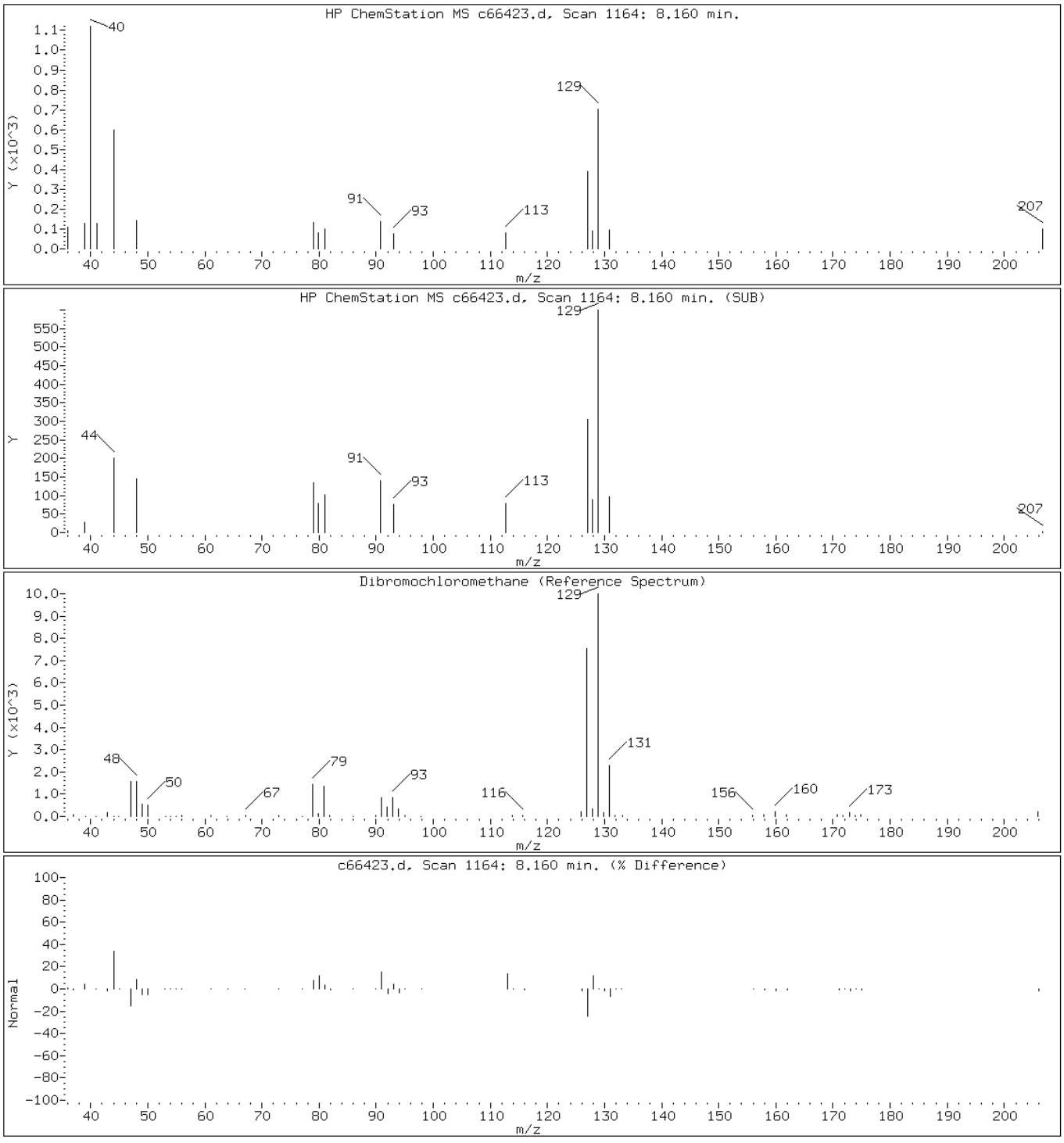
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

74 Dibromochloromethane



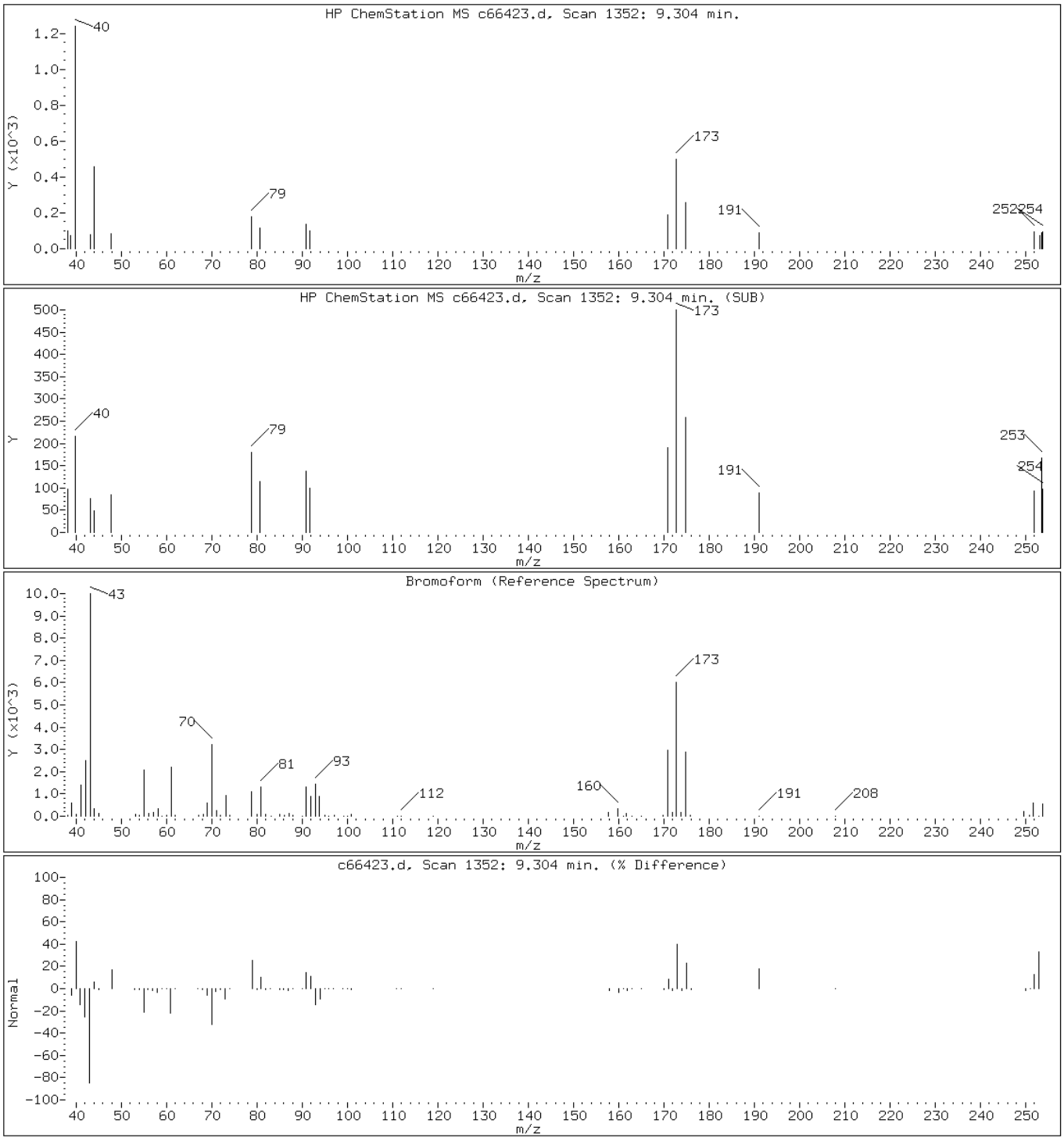
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

86 Bromoform



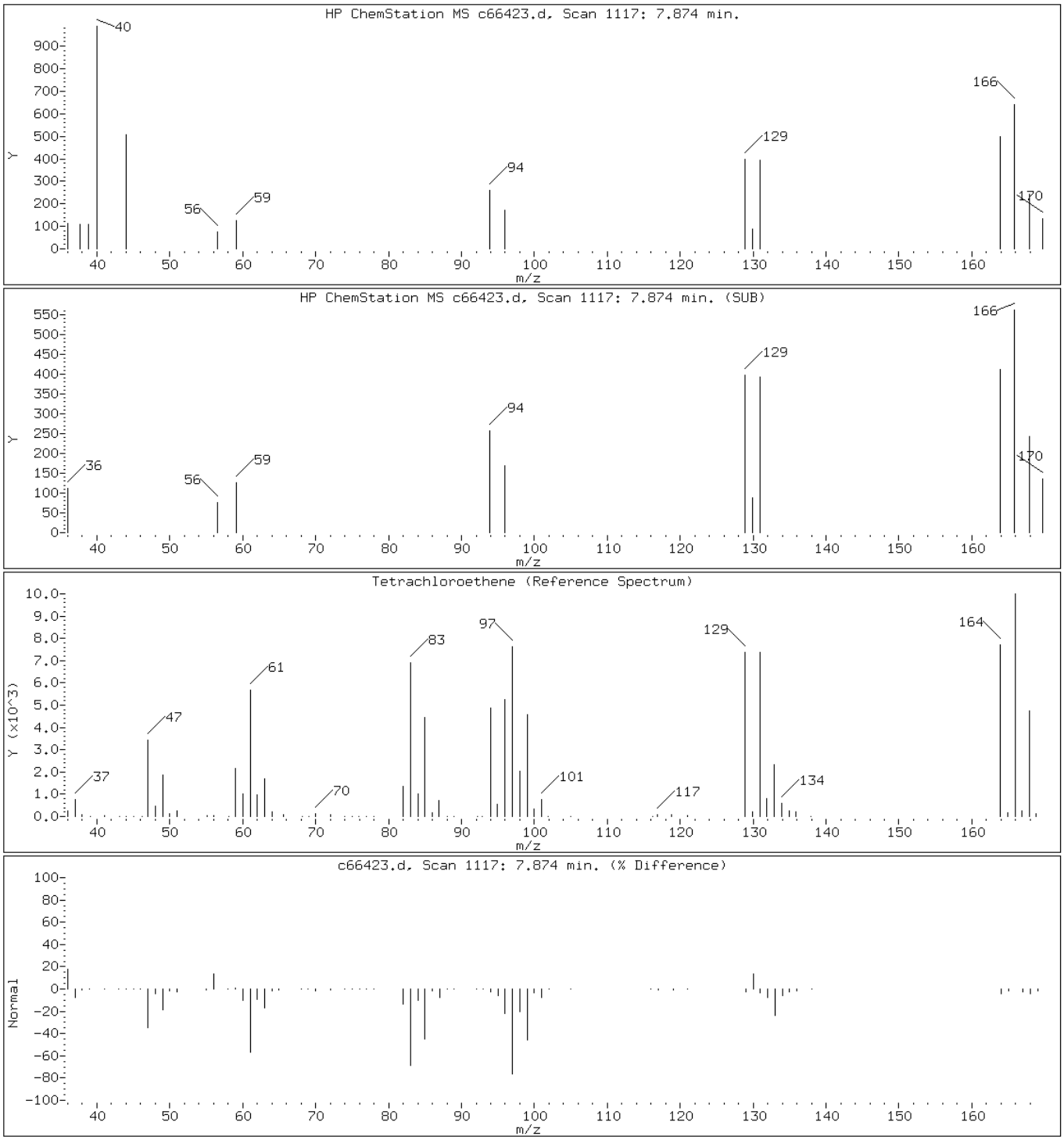
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

71 Tetrachloroethene



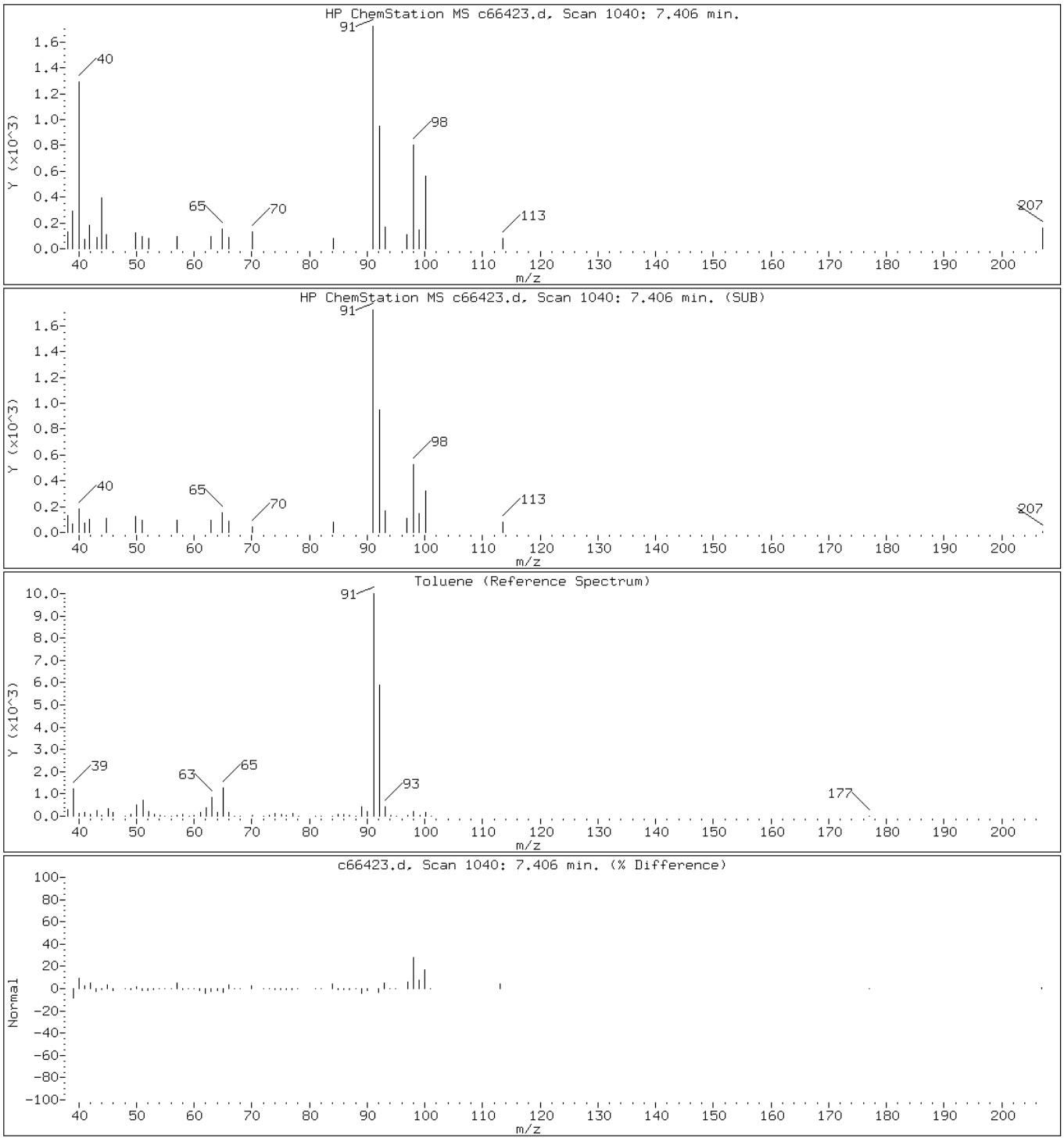
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

66 Toluene



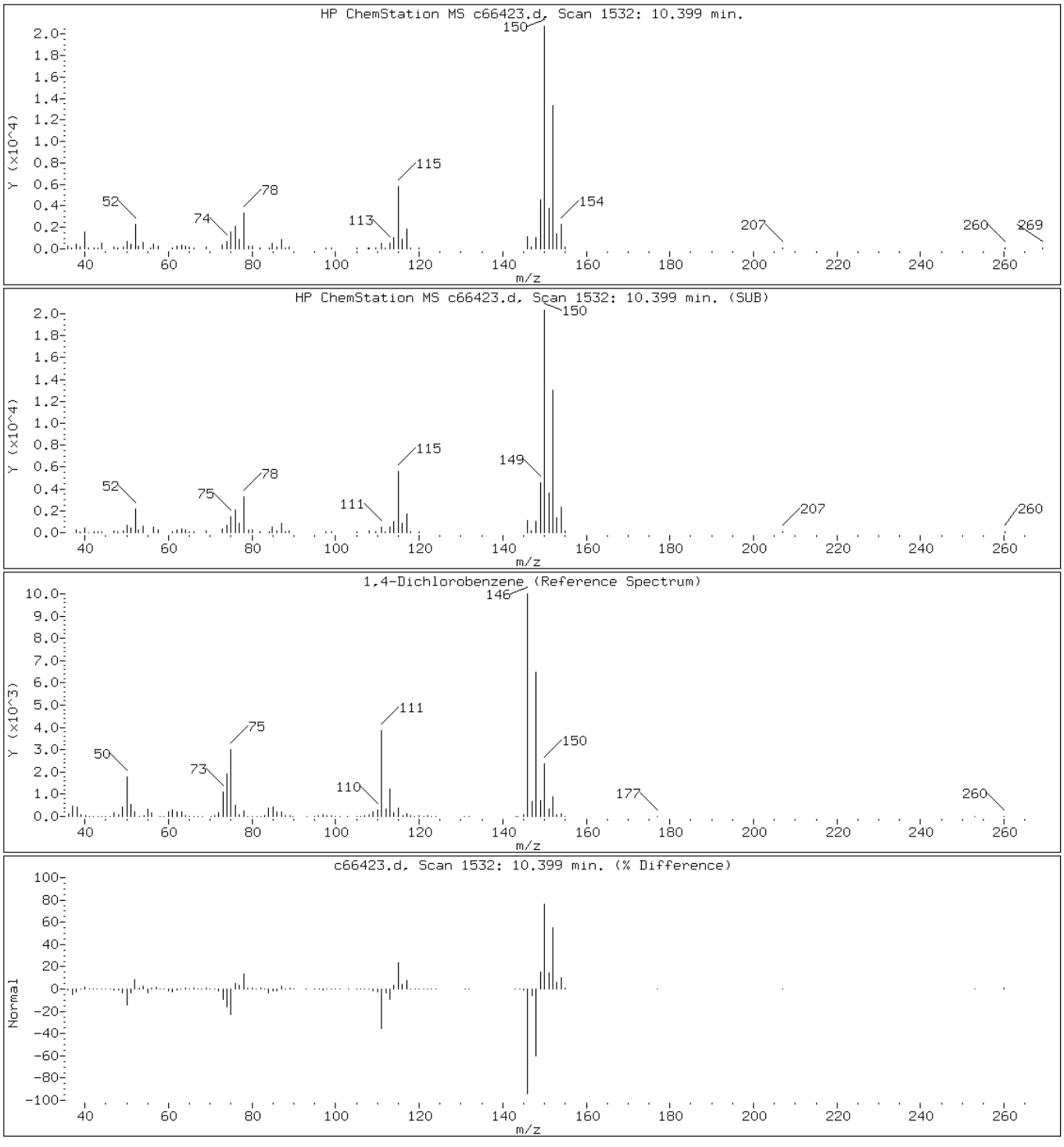
Data File: c66423.d

Date: 09-MAR-2012 12:10

Client ID: OW-5 Instrument: VOAMS3.i

Sample Info: 460-37525-B-2 Operator: VOA GC/MS3

109 1,4-Dichlorobenzene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: MW-34I | Lab Sample ID: 460-37525-3

Matrix: Water | Lab File ID: c66424.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 12:34

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10	U	10	2.2
74-87-3	Chloromethane	10	U	10	1.0
74-83-9	Bromomethane	10	U	10	1.8
75-01-4	Vinyl chloride	15		10	1.4
75-00-3	Chloroethane	10	U	10	1.7
75-69-4	Trichlorofluoromethane	10	U	10	1.5
76-13-1	Freon TF	10	U	10	0.80
75-09-2	Methylene Chloride	10	U	10	1.8
67-64-1	Acetone	40	J	50	27
75-15-0	Carbon disulfide	1.6	J	10	1.3
79-20-9	Methyl acetate	20	U	20	3.4
75-35-4	1,1-Dichloroethene	20		10	0.90
75-34-3	1,1-Dichloroethane	5.4	J	10	1.3
156-59-2	cis-1,2-Dichloroethene	96		10	1.8
156-60-5	trans-1,2-Dichloroethene	3.0	J	10	1.3
1634-04-4	MTBE	10	U	10	1.4
67-66-3	Chloroform	10	U	10	0.80
107-06-2	1,2-Dichloroethane	10	U	10	1.9
78-93-3	2-Butanone	50	U	50	23
71-55-6	1,1,1-Trichloroethane	10	U	10	0.60
110-82-7	Cyclohexane	10	U	10	1.6
56-23-5	Carbon tetrachloride	10	U	10	0.60
75-27-4	Bromodichloromethane	10	U	10	1.2
78-87-5	1,2-Dichloropropane	10	U	10	0.90
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.8
79-01-6	Trichloroethene	2700		10	0.90
108-87-2	Methylcyclohexane	10	U	10	1.4
124-48-1	Dibromochloromethane	10	U	10	2.0
79-00-5	1,1,2-Trichloroethane	10	U	10	1.9
71-43-2	Benzene	10	U	10	0.80
10061-02-6	trans-1,3-Dichloropropene	10	U	10	2.4
75-25-2	Bromoform	10	U	10	1.9
98-82-8	Isopropylbenzene	10	U	10	0.80
108-10-1	4-Methyl-2-pentanone	50	U	50	9.9
591-78-6	2-Hexanone	50	U	50	5.0
127-18-4	Tetrachloroethene	1.8	J	10	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: MW-34I | Lab Sample ID: 460-37525-3

Matrix: Water | Lab File ID: c66424.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 12:34

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	10	U	10	1.5
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.6
108-90-7	Chlorobenzene	10	U	10	1.1
100-41-4	Ethylbenzene	10	U	10	1.0
1330-20-7	Xylenes, Total	30	U	30	3.6
100-42-5	Styrene	10	U *	10	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	4.0
541-73-1	1,3-Dichlorobenzene	10	U	10	1.4
106-46-7	1,4-Dichlorobenzene	10	U	10	2.3
95-50-1	1,2-Dichlorobenzene	10	U	10	2.1
120-82-1	1,2,4-Trichlorobenzene	10	U	10	3.4
106-93-4	1,2-Dibromoethane	10	U	10	2.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66424.d
Report Date: 09-Mar-2012 14:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66424.d
Lab Smp Id: 460-37525-B-3 Client Smp ID: MW-34I
Inj Date : 09-MAR-2012 12:34
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-B-3;10
Misc Info : 460-37525-B-3
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/8260_09.m
Meth Date : 09-Mar-2012 10:24 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 8
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.687	1.687	(0.298)	4236	1.51572	15
	15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	4107	2.03965	20
	16 Acetone	43	2.837	2.831	(0.501)	3208	4.03137	40(a)
	18 Carbon Disulfide	76	2.928	2.922	(0.517)	851	0.16023	1.6(a)
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	725	0.30448	3.0(a)
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	2576	0.53715	5.4(a)
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	25983	9.61084	96
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.344	(0.945)	195653	53.1324	53
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	634082	50.0000	
	54 Trichloroethene	95	6.073	6.074	(1.073)	681623	265.846	2600
$	65 Toluene-d8 (SUR)	98	7.339	7.333	(0.851)	591228	50.0492	50
	71 Tetrachloroethene	166	7.862	7.868	(0.912)	477	0.18119	1.8(a)
*	78 Chlorobenzene-d5	117	8.623	8.623	(1.000)	452038	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	196879	49.3890	49
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	231506	50.0000	
M	120 1,2-Dichloroethene (Total)	100				26708	9.91531	99

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66424.d
Report Date: 09-Mar-2012 14:46

QC Flag Legend

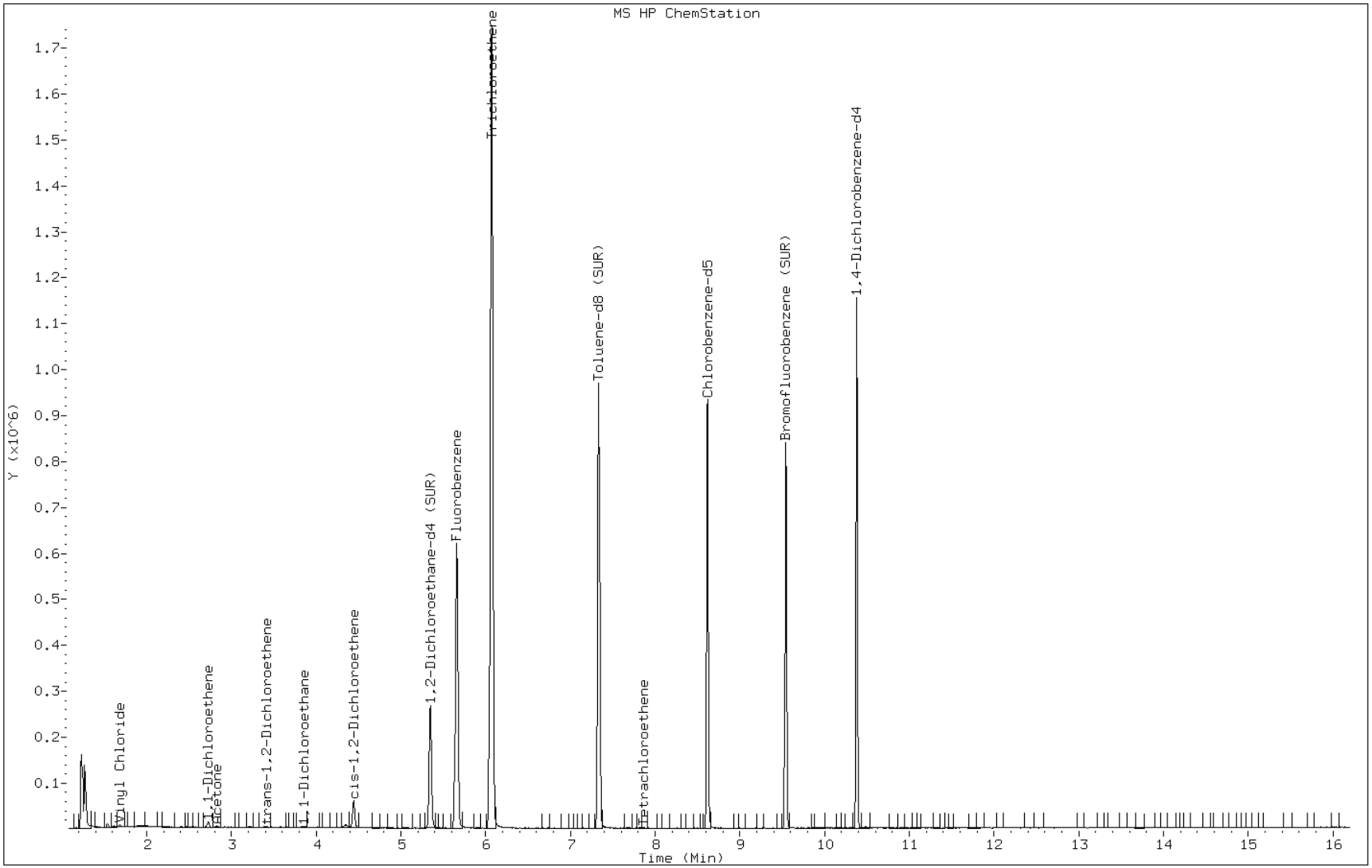
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3



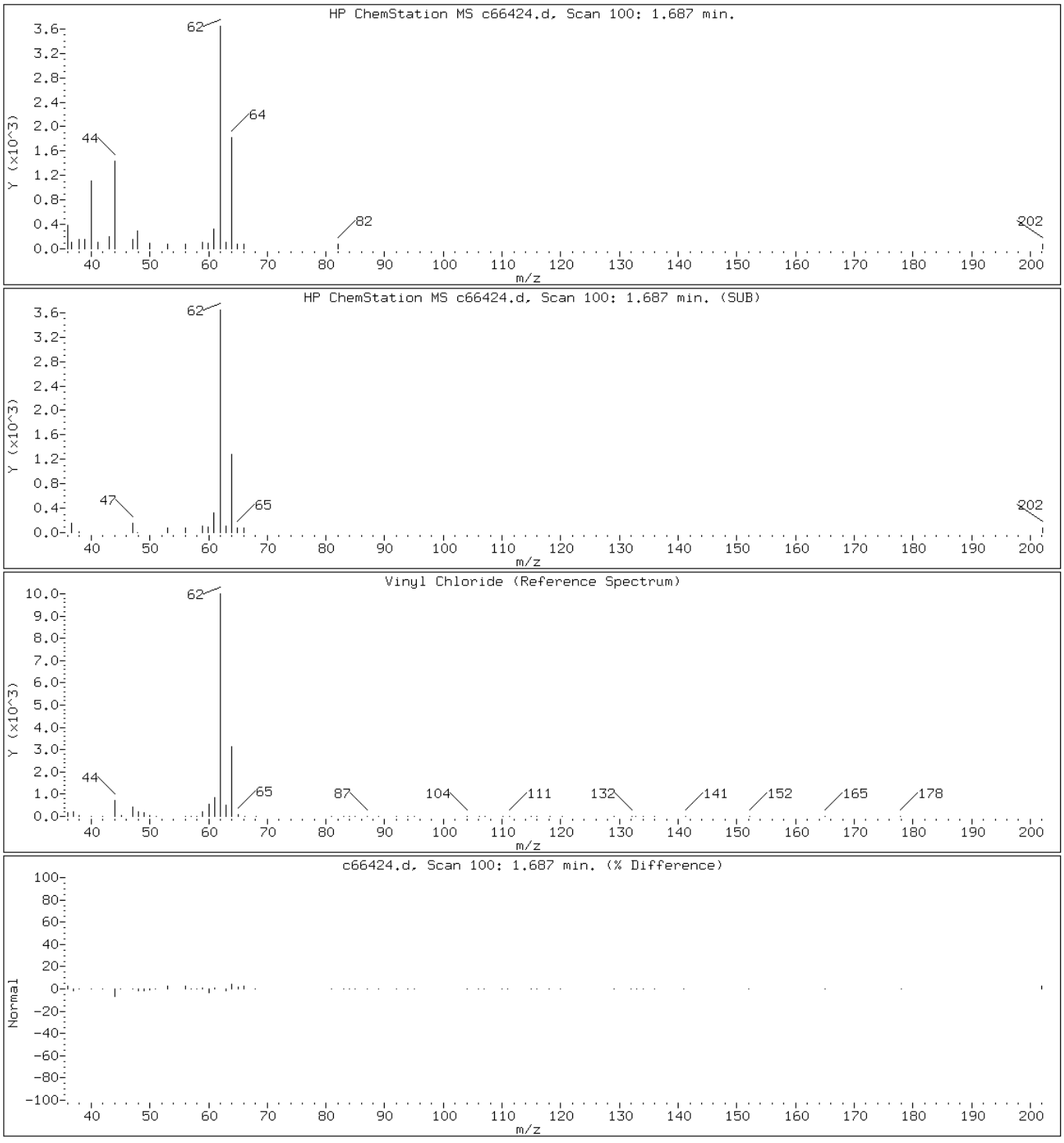
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

4 Vinyl Chloride



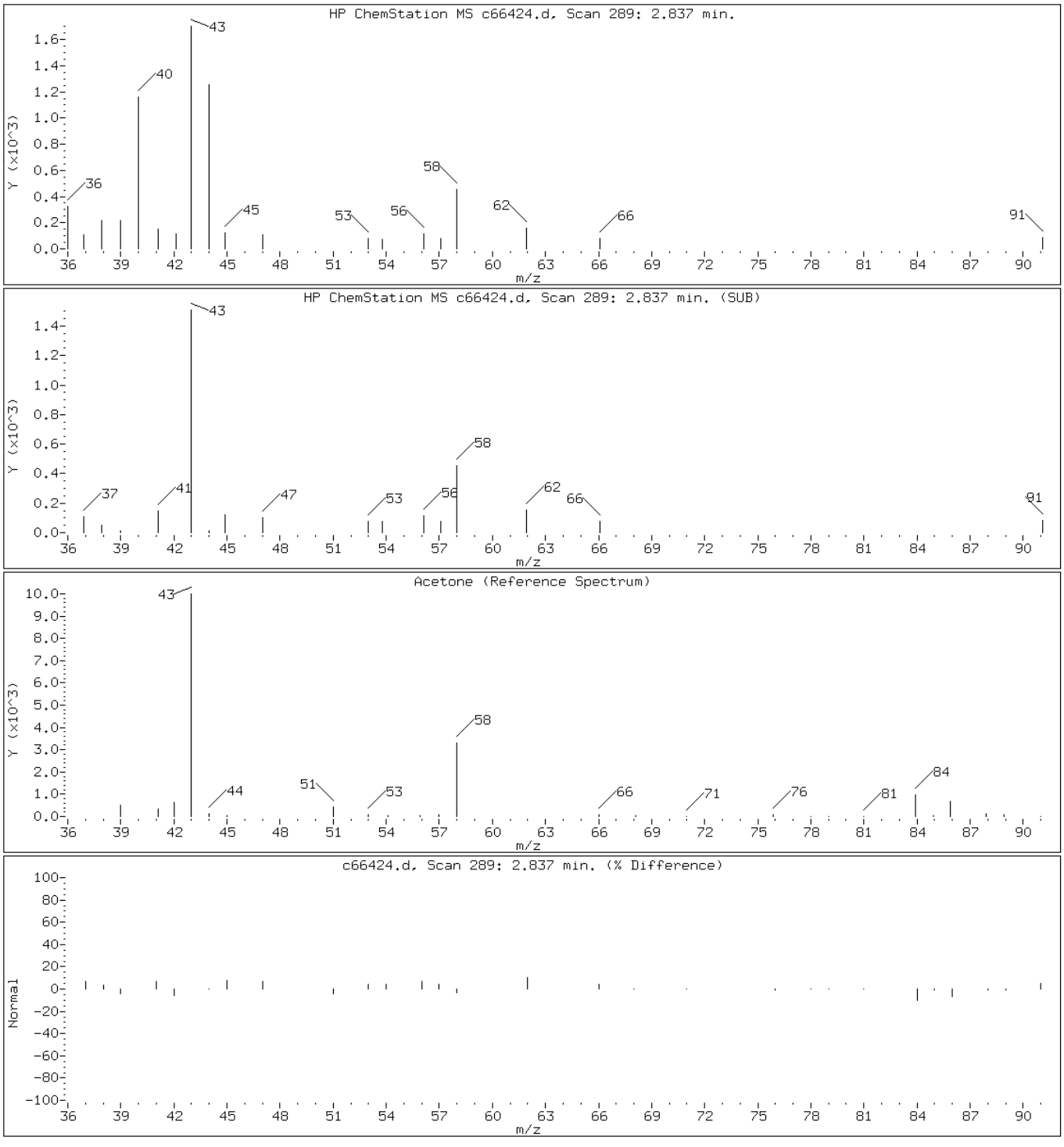
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

16 Acetone



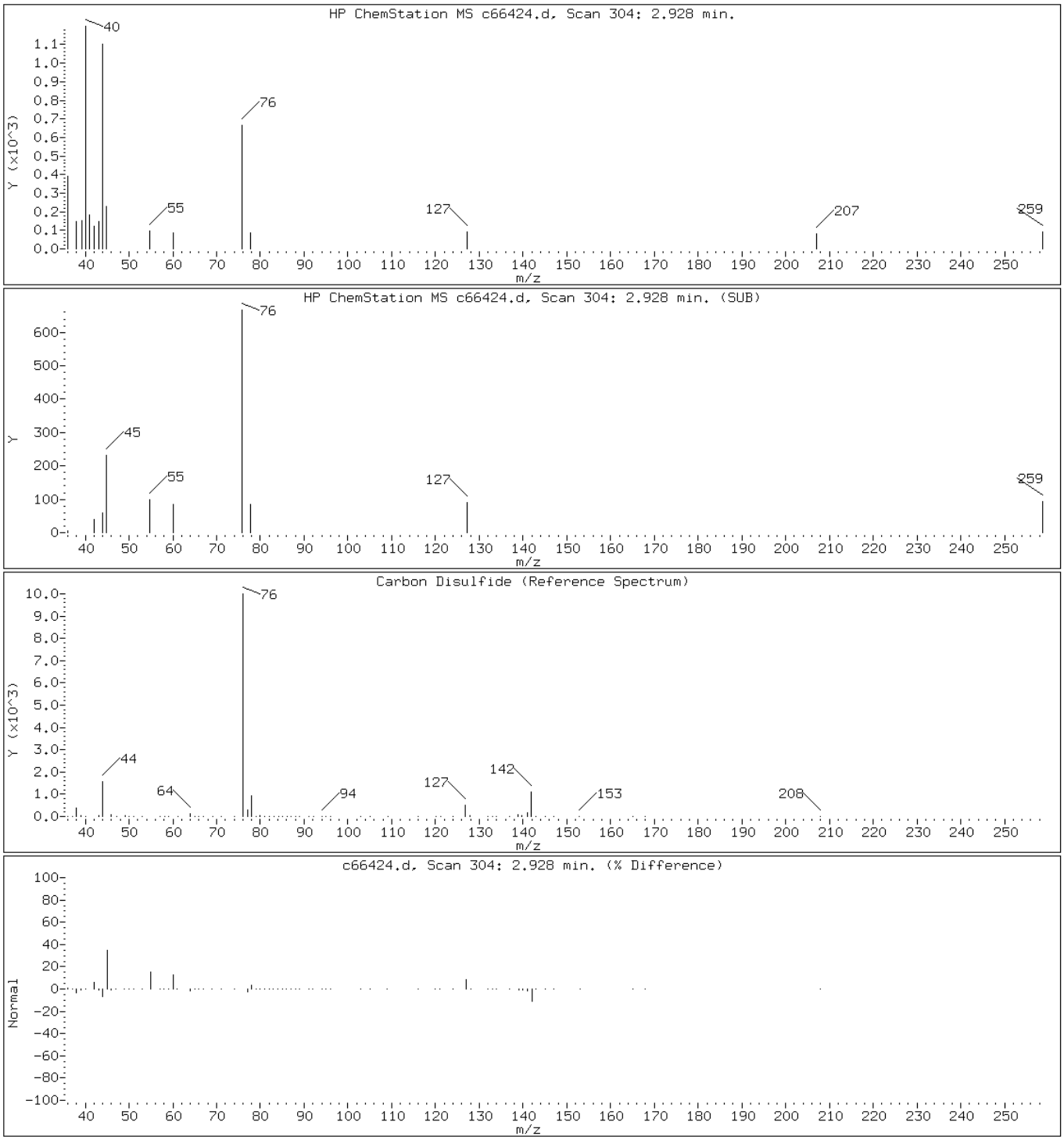
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

18 Carbon Disulfide



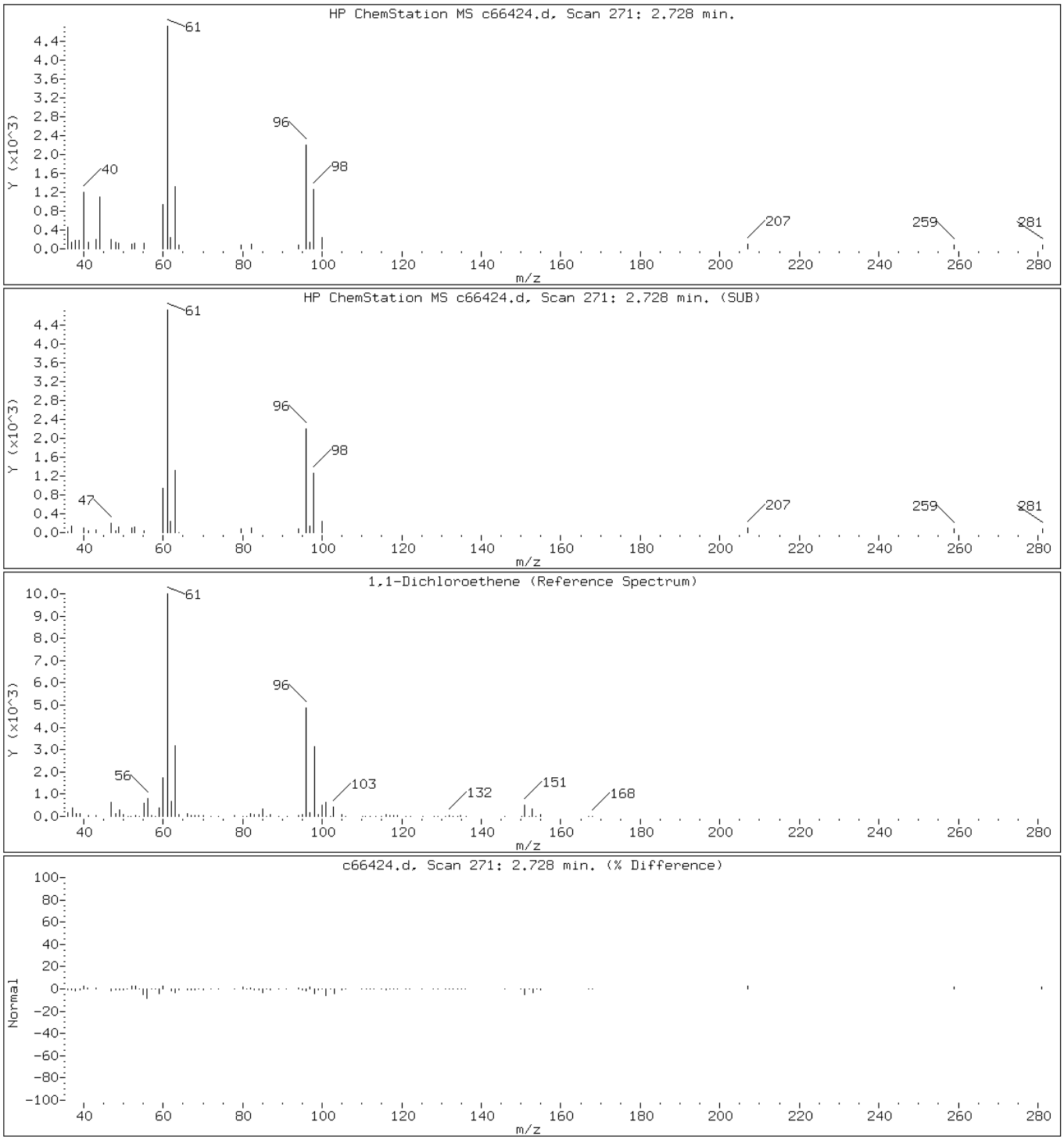
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

15 1,1-Dichloroethene



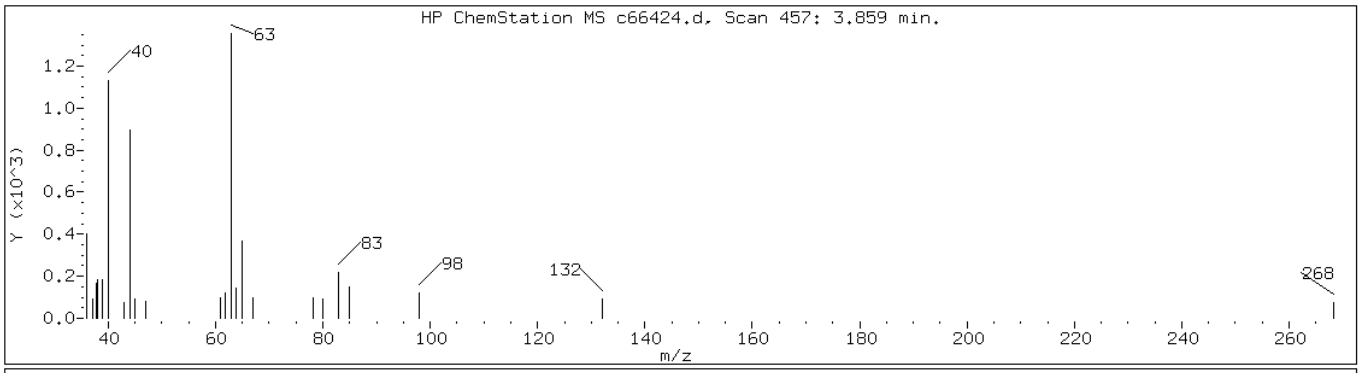
Data File: c66424.d

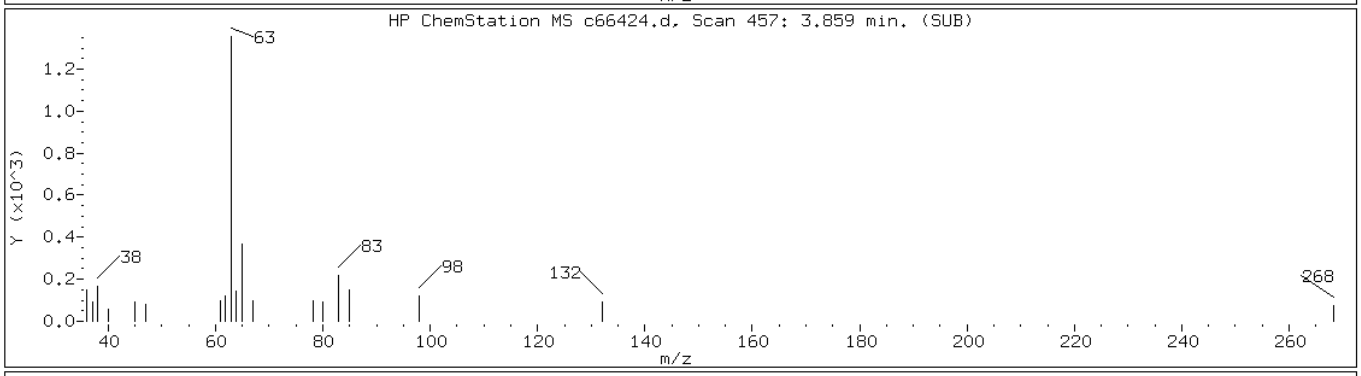
Date: 09-MAR-2012 12:34

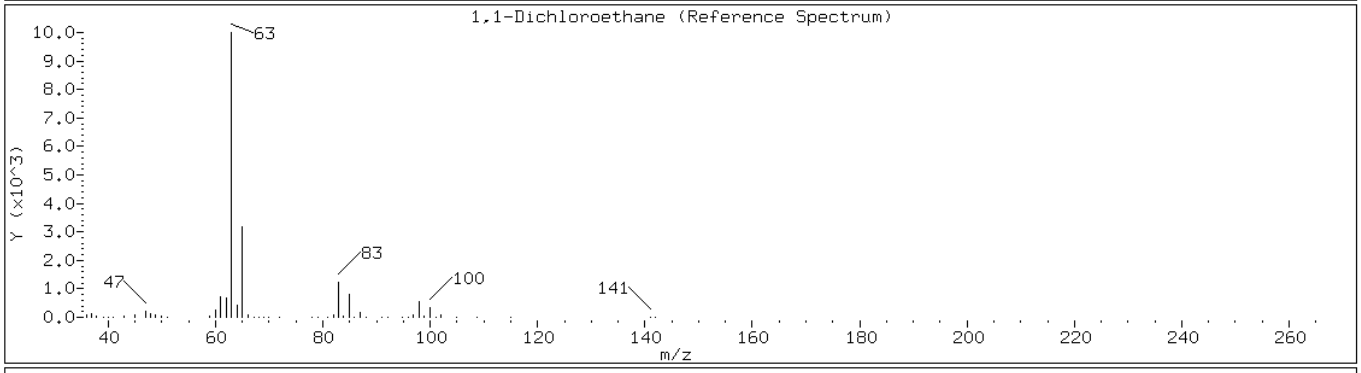
Client ID: MW-34I Instrument: VOAMS3.i

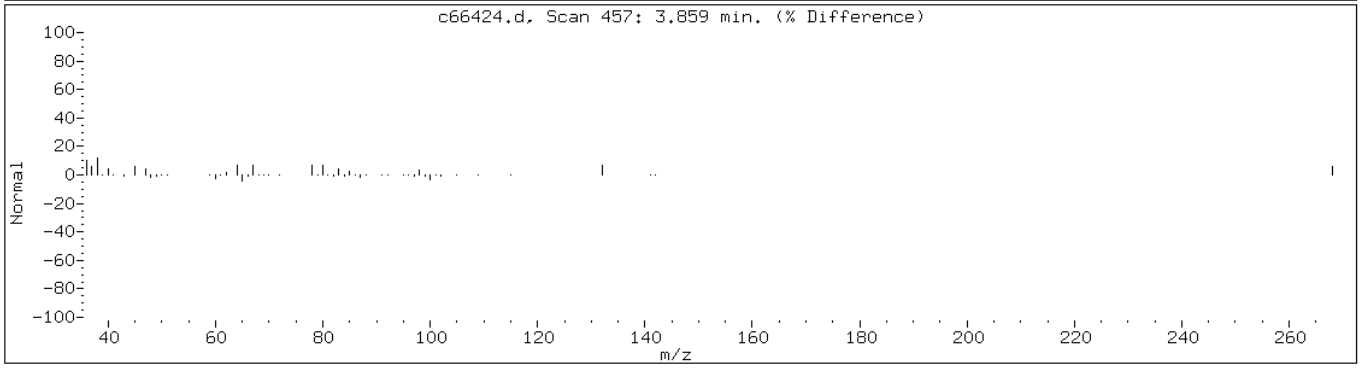
Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

30 1,1-Dichloroethane









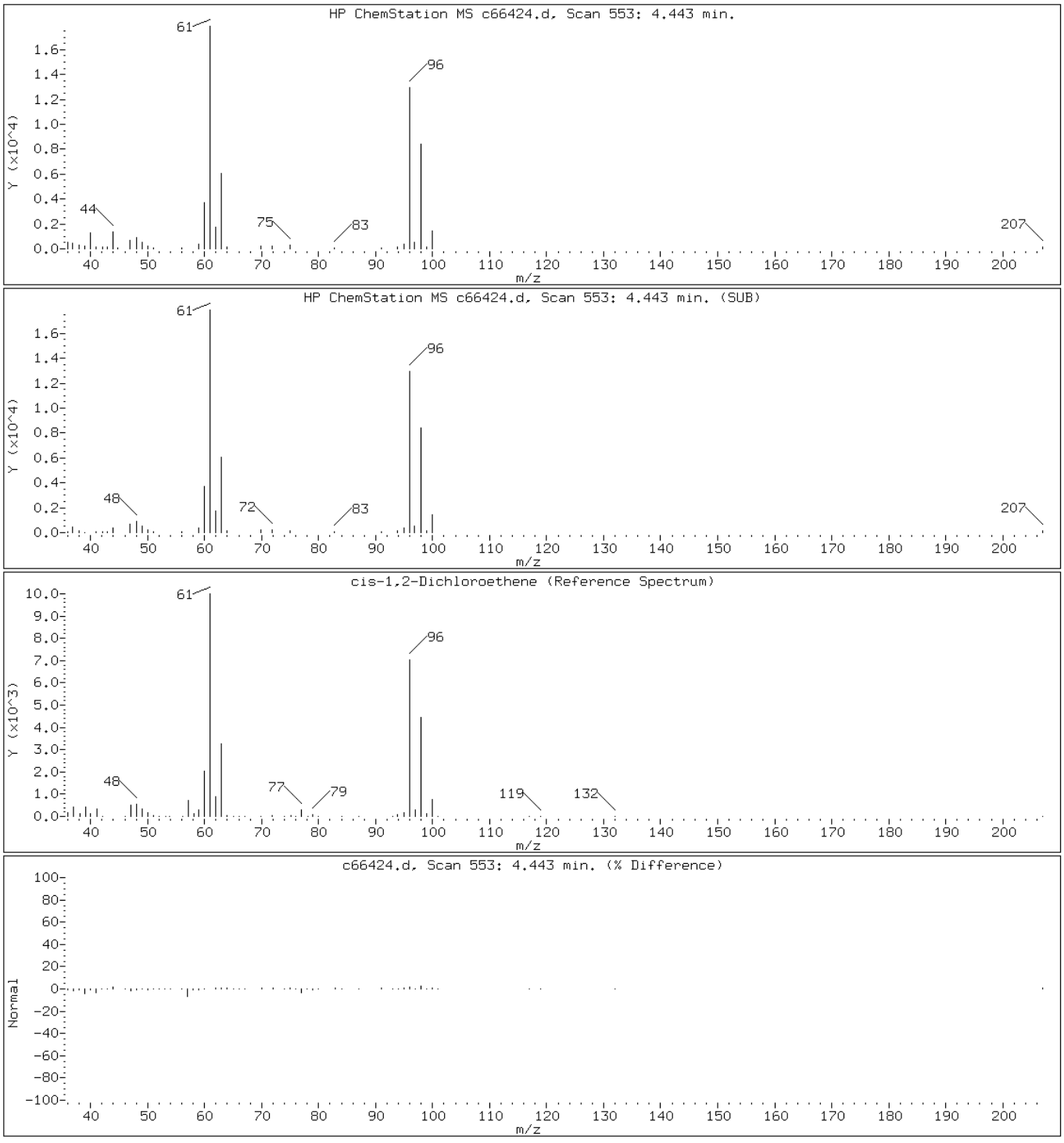
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

36 cis-1,2-Dichloroethene



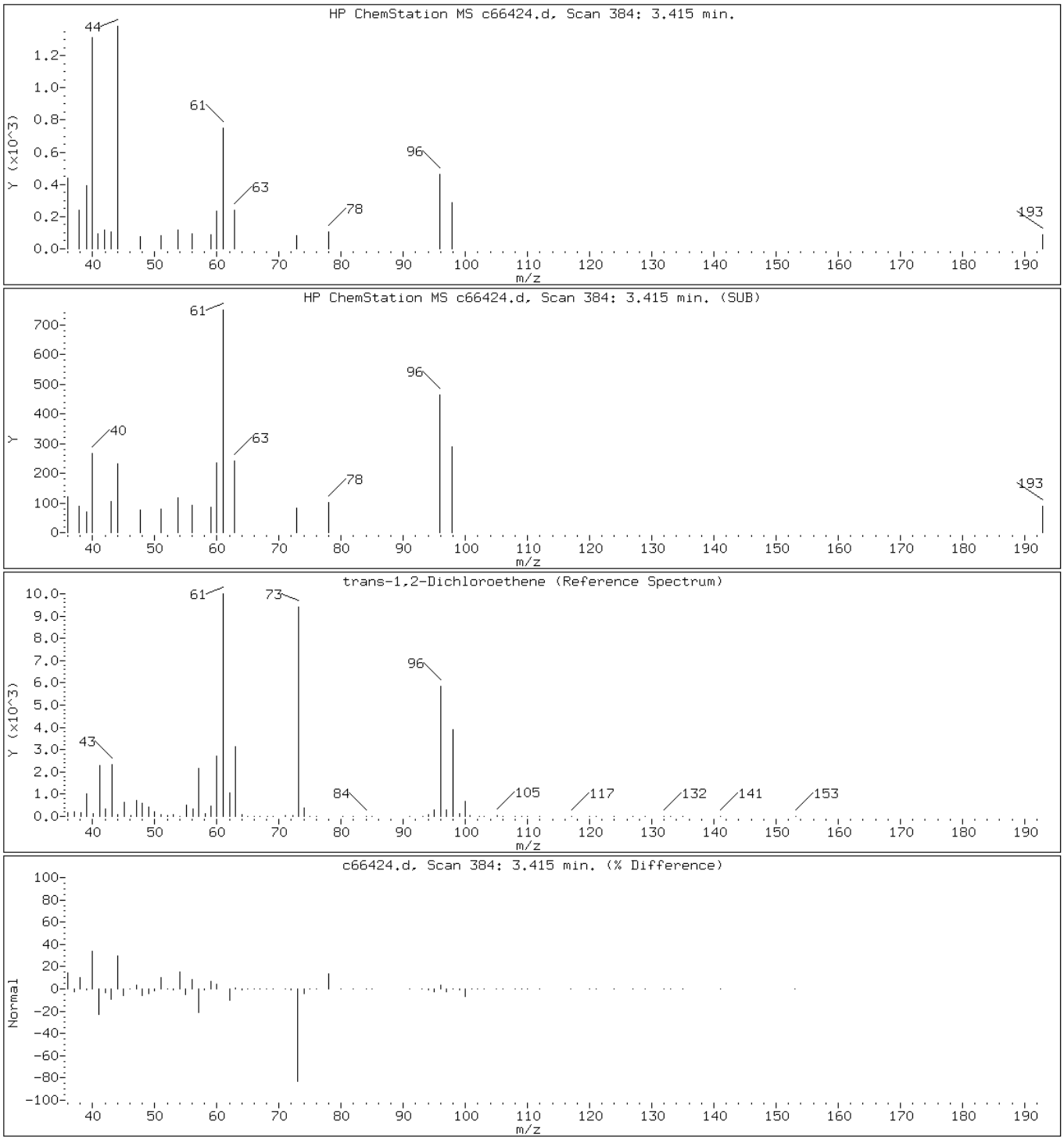
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

25 trans-1,2-Dichloroethene



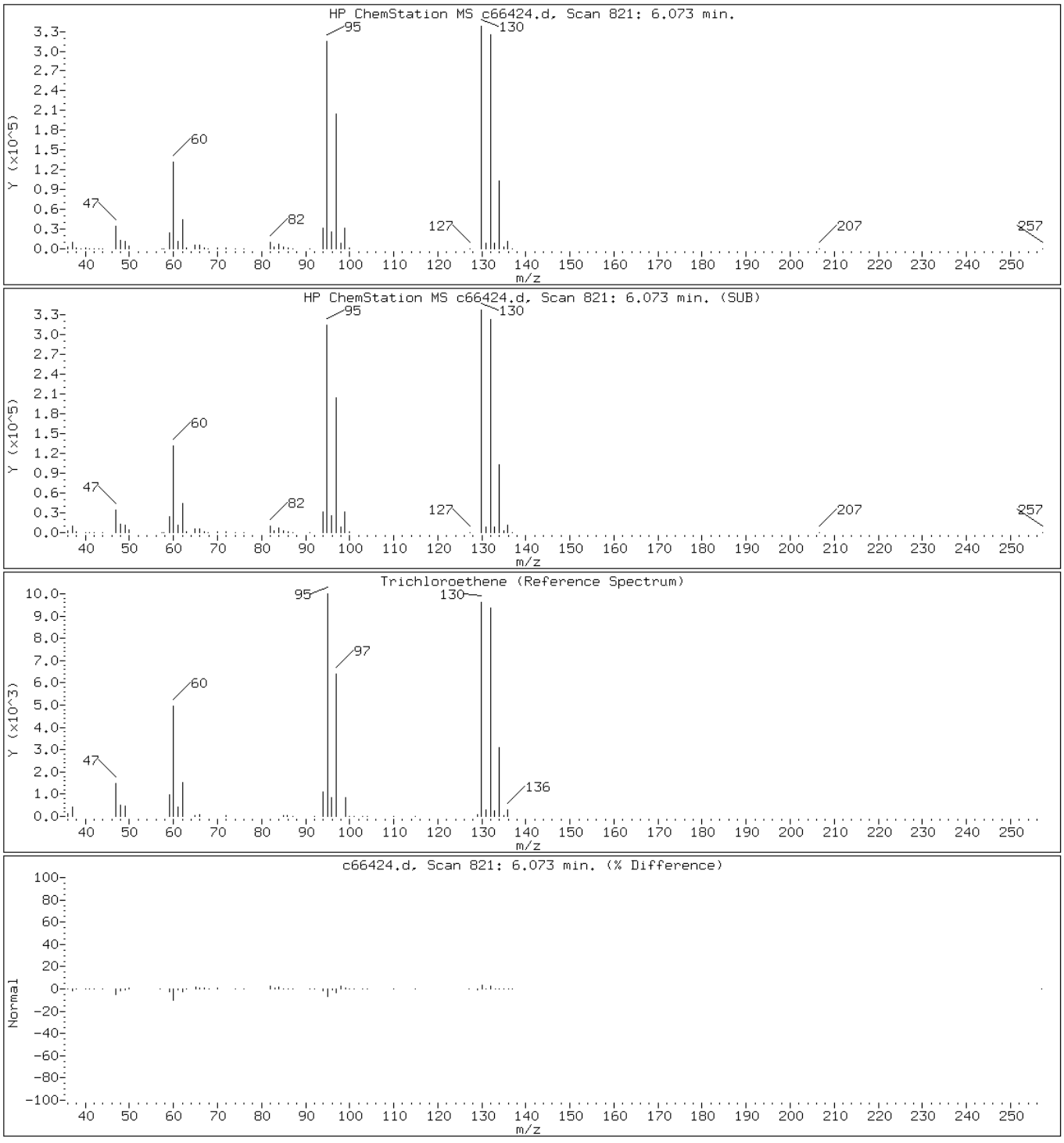
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

54 Trichloroethene



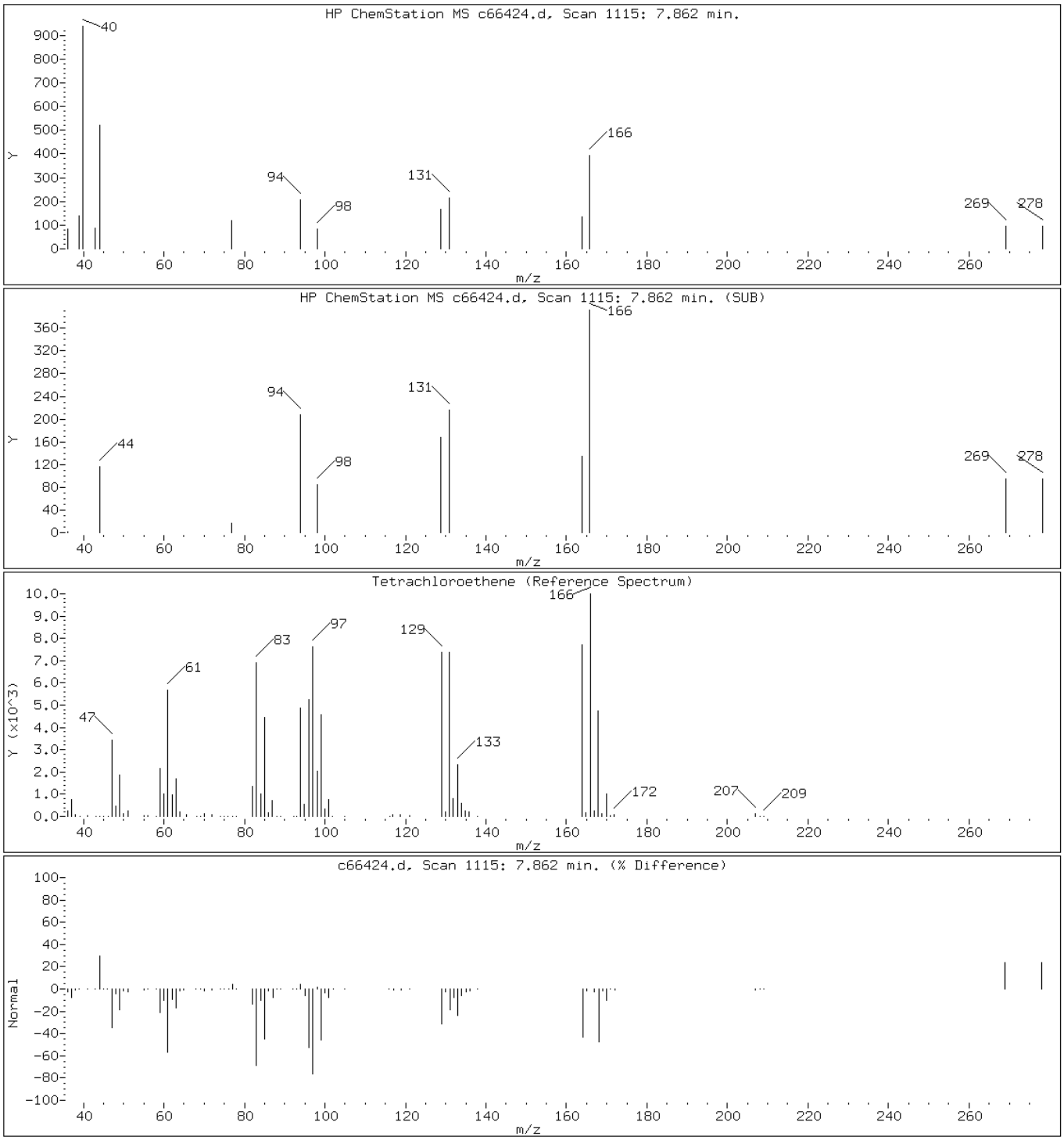
Data File: c66424.d

Date: 09-MAR-2012 12:34

Client ID: MW-34I Instrument: VOAMS3.i

Sample Info: 460-37525-B-3;10 Operator: VOA GC/MS3

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: MW-35I | Lab Sample ID: 460-37525-4

Matrix: Water | Lab File ID: c66383.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 18:48

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10	U	10	2.2
74-87-3	Chloromethane	10	U	10	1.0
74-83-9	Bromomethane	10	U	10	1.8
75-01-4	Vinyl chloride	10	U	10	1.4
75-00-3	Chloroethane	10	U	10	1.7
75-69-4	Trichlorofluoromethane	10	U	10	1.5
76-13-1	Freon TF	10	U	10	0.80
75-09-2	Methylene Chloride	10	U	10	1.8
67-64-1	Acetone	50	U	50	27
75-15-0	Carbon disulfide	10	U	10	1.3
79-20-9	Methyl acetate	20	U	20	3.4
75-35-4	1,1-Dichloroethene	10	U	10	0.90
75-34-3	1,1-Dichloroethane	1.3	J	10	1.3
156-59-2	cis-1,2-Dichloroethene	11		10	1.8
156-60-5	trans-1,2-Dichloroethene	10	U	10	1.3
1634-04-4	MTBE	10	U	10	1.4
67-66-3	Chloroform	10	U	10	0.80
107-06-2	1,2-Dichloroethane	10	U	10	1.9
78-93-3	2-Butanone	50	U	50	23
71-55-6	1,1,1-Trichloroethane	10	U	10	0.60
110-82-7	Cyclohexane	10	U	10	1.6
56-23-5	Carbon tetrachloride	10	U	10	0.60
75-27-4	Bromodichloromethane	10	U	10	1.2
78-87-5	1,2-Dichloropropane	10	U	10	0.90
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.8
79-01-6	Trichloroethene	2100		10	0.90
108-87-2	Methylcyclohexane	10	U	10	1.4
124-48-1	Dibromochloromethane	10	U	10	2.0
79-00-5	1,1,2-Trichloroethane	10	U	10	1.9
71-43-2	Benzene	10	U	10	0.80
10061-02-6	trans-1,3-Dichloropropene	10	U	10	2.4
75-25-2	Bromoform	10	U	10	1.9
98-82-8	Isopropylbenzene	10	U	10	0.80
108-10-1	4-Methyl-2-pentanone	50	U	50	9.9
591-78-6	2-Hexanone	50	U	50	5.0
127-18-4	Tetrachloroethene	2.2	J	10	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: MW-35I | Lab Sample ID: 460-37525-4

Matrix: Water | Lab File ID: c66383.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:30

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 18:48

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	10	U	10	1.5
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.6
108-90-7	Chlorobenzene	10	U	10	1.1
100-41-4	Ethylbenzene	10	U	10	1.0
1330-20-7	Xylenes, Total	30	U	30	3.6
100-42-5	Styrene	10	U	10	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	4.0
541-73-1	1,3-Dichlorobenzene	10	U	10	1.4
106-46-7	1,4-Dichlorobenzene	10	U	10	2.3
95-50-1	1,2-Dichlorobenzene	10	U	10	2.1
120-82-1	1,2,4-Trichlorobenzene	10	U	10	3.4
106-93-4	1,2-Dibromoethane	10	U	10	2.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66383.d
Report Date: 08-Mar-2012 20:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66383.d
Lab Smp Id: 460-37525-A-4 Client Smp ID: MW-35I
Inj Date : 08-MAR-2012 18:48
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-A-4;10
Misc Info : 460-37525-A-4
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 27
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	30 1,1-Dichloroethane	63	3.853	3.859	(0.681)	587	0.13004	1.3(a)
	36 cis-1,2-Dichloroethene	96	4.449	4.443	(0.786)	2785	1.09444	11
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.350	(0.945)	182859	52.7573	53
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	596832	50.0000	
	54 Trichloroethene	95	6.074	6.073	(1.073)	499917	207.147	2100
$	65 Toluene-d8 (SUR)	98	7.339	7.339	(0.851)	565337	51.0367	51
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	544	0.22037	2.2(a)
*	78 Chlorobenzene-d5	117	8.623	8.622	(1.000)	423879	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	181995	49.9232	50
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	211714	50.0000	
M	120 1,2-Dichloroethene (Total)	100				2785	1.09444	11(a)

QC Flag Legend

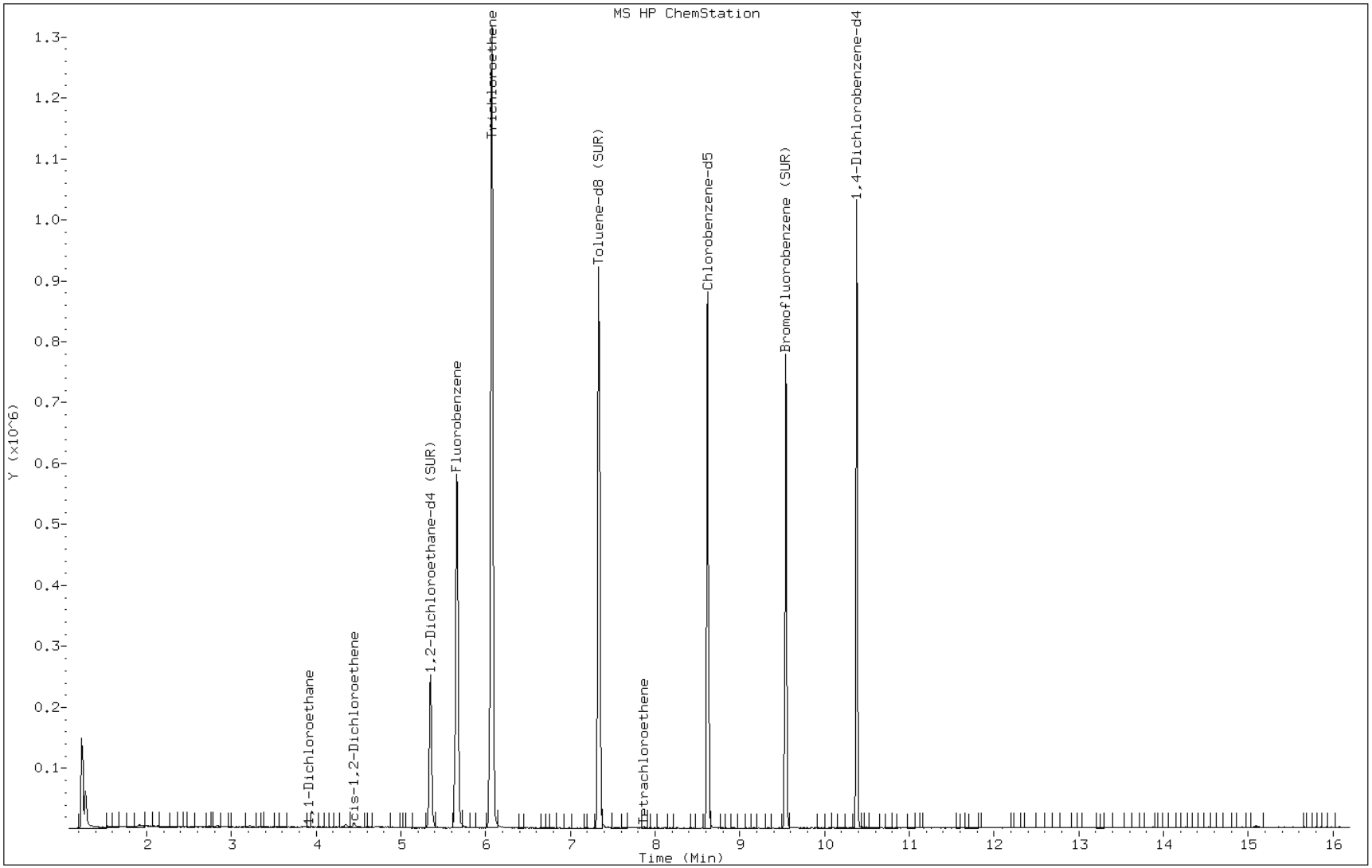
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: c66383.d

Date: 08-MAR-2012 18:48

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-37525-A-4;10 Operator: VOA GC/MS3



Data File: c66383.d

Date: 08-MAR-2012 18:48

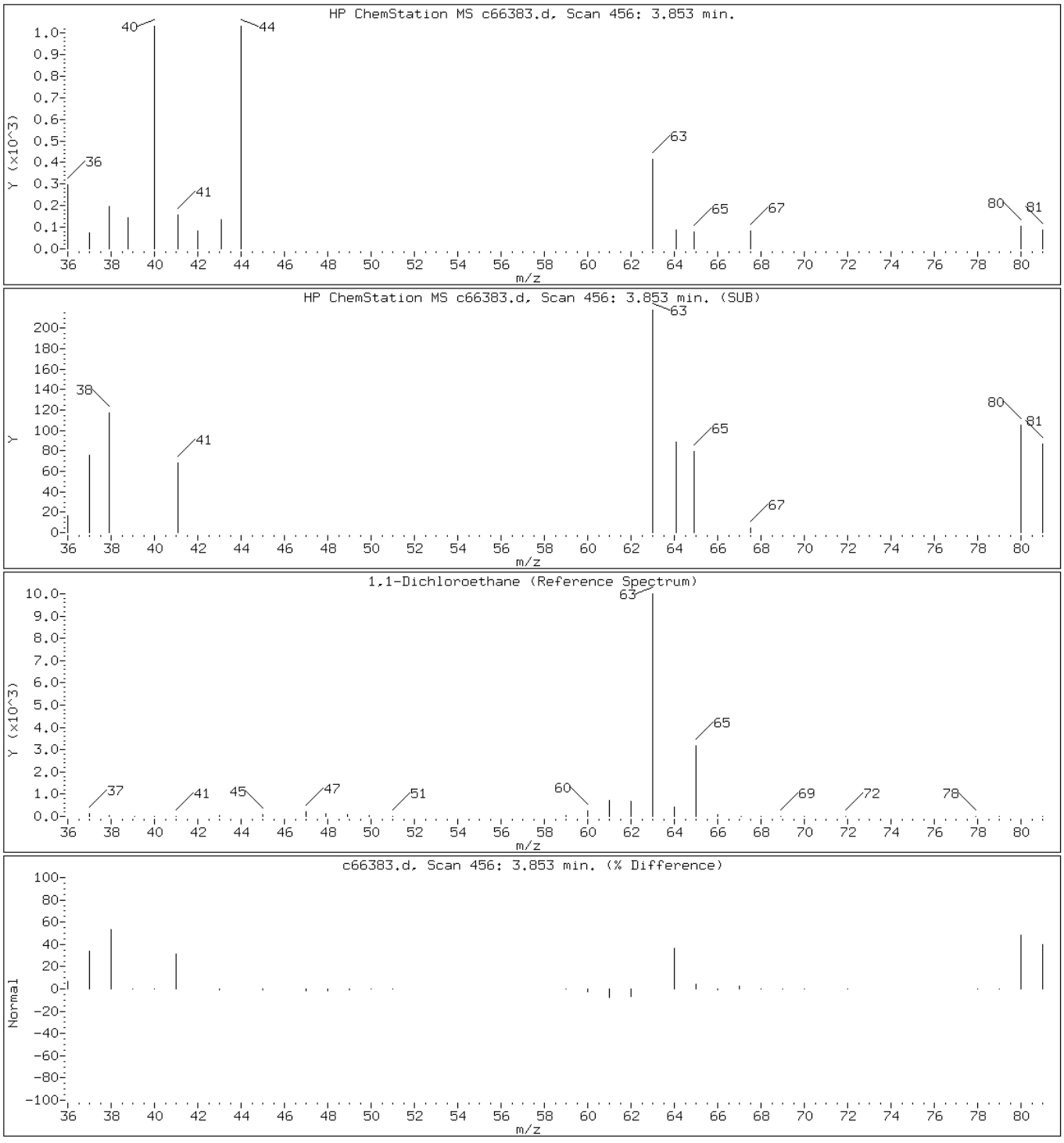
Client ID: MW-35I

Instrument: VOAMS3.i

Sample Info: 460-37525-A-4;10

Operator: VOA GC/MS3

30 1,1-Dichloroethane



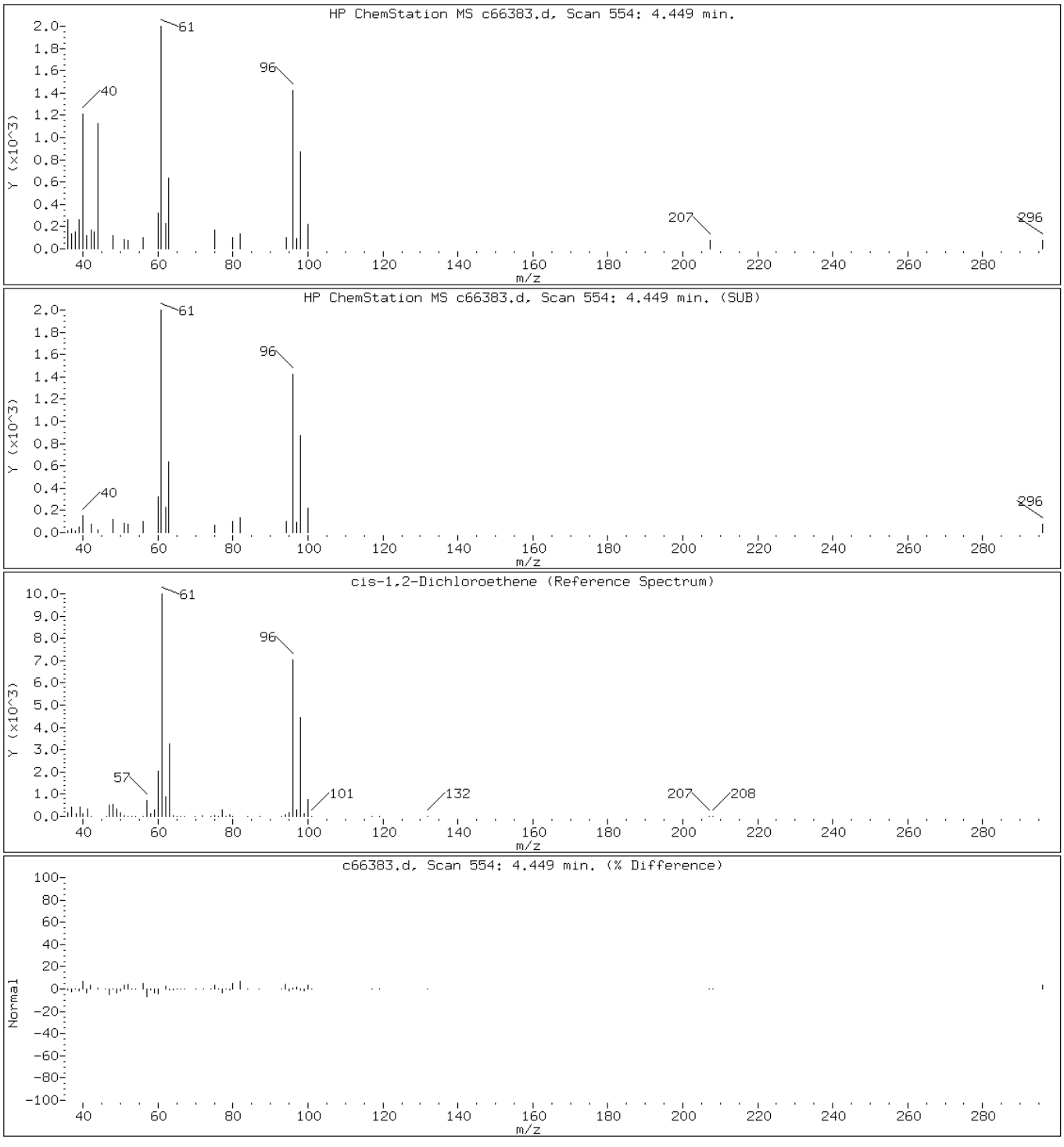
Data File: c66383.d

Date: 08-MAR-2012 18:48

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-37525-A-4;10 Operator: VOA GC/MS3

36 cis-1,2-Dichloroethene



Data File: c66383.d

Date: 08-MAR-2012 18:48

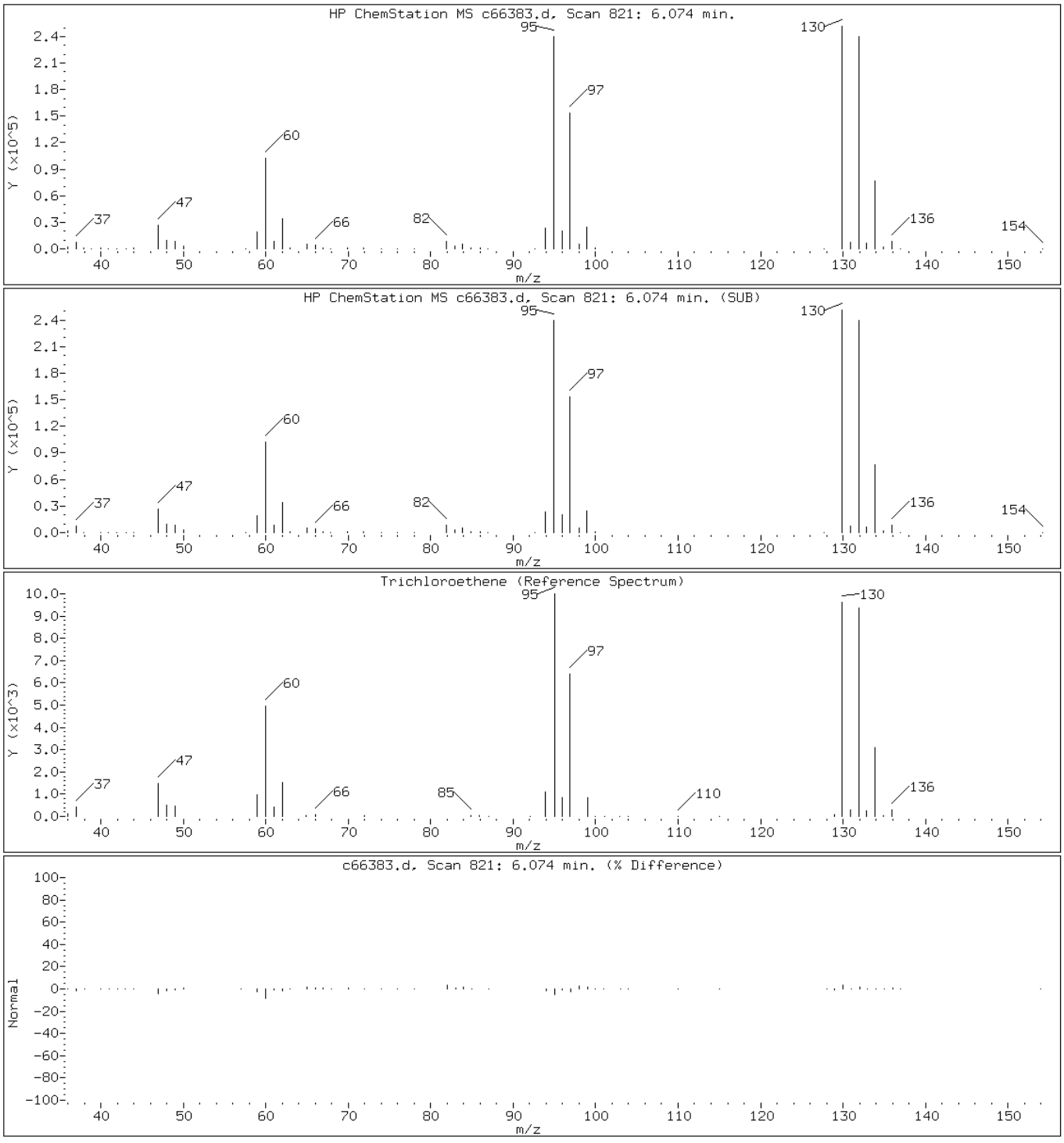
Client ID: MW-35I

Instrument: VOAMS3.i

Sample Info: 460-37525-A-4;10

Operator: VOA GC/MS3

54 Trichloroethene



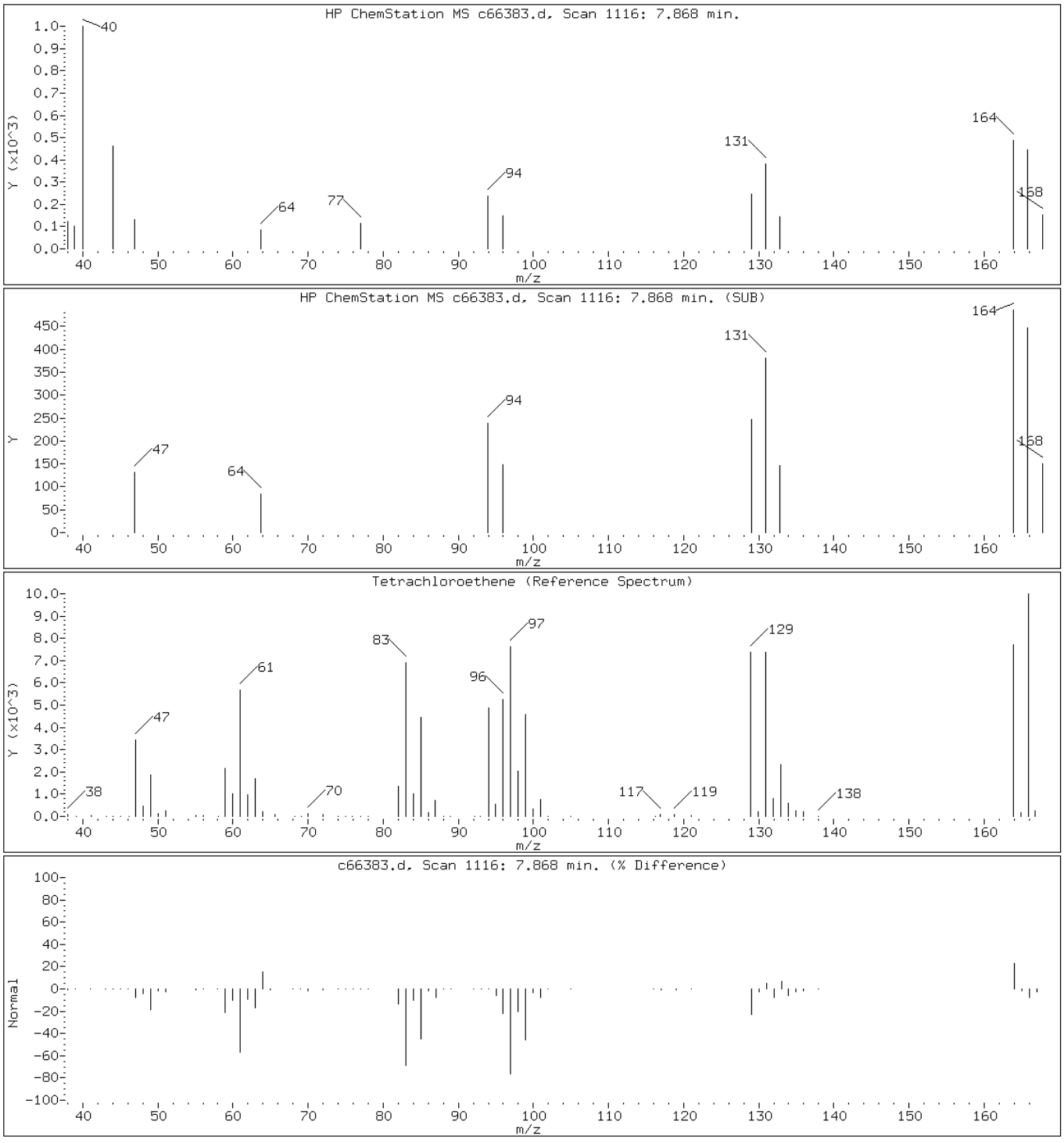
Data File: c66383.d

Date: 08-MAR-2012 18:48

Client ID: MW-35I Instrument: VOAMS3.i

Sample Info: 460-37525-A-4;10 Operator: VOA GC/MS3

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: DUP-030212 | Lab Sample ID: 460-37525-5

Matrix: Water | Lab File ID: c66384.d

Analysis Method: 8260B | Date Collected: 03/02/2012 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 19:11

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10	U	10	2.2
74-87-3	Chloromethane	10	U	10	1.0
74-83-9	Bromomethane	10	U	10	1.8
75-01-4	Vinyl chloride	13		10	1.4
75-00-3	Chloroethane	10	U	10	1.7
75-69-4	Trichlorofluoromethane	10	U	10	1.5
76-13-1	Freon TF	10	U	10	0.80
75-09-2	Methylene Chloride	10	U	10	1.8
67-64-1	Acetone	50	U	50	27
75-15-0	Carbon disulfide	10	U	10	1.3
79-20-9	Methyl acetate	20	U	20	3.4
75-35-4	1,1-Dichloroethene	19		10	0.90
75-34-3	1,1-Dichloroethane	5.3	J	10	1.3
156-59-2	cis-1,2-Dichloroethene	87		10	1.8
156-60-5	trans-1,2-Dichloroethene	5.6	J	10	1.3
1634-04-4	MTBE	10	U	10	1.4
67-66-3	Chloroform	10	U	10	0.80
107-06-2	1,2-Dichloroethane	10	U	10	1.9
78-93-3	2-Butanone	50	U	50	23
71-55-6	1,1,1-Trichloroethane	10	U	10	0.60
110-82-7	Cyclohexane	10	U	10	1.6
56-23-5	Carbon tetrachloride	10	U	10	0.60
75-27-4	Bromodichloromethane	10	U	10	1.2
78-87-5	1,2-Dichloropropane	10	U	10	0.90
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.8
79-01-6	Trichloroethene	2500		10	0.90
108-87-2	Methylcyclohexane	10	U	10	1.4
124-48-1	Dibromochloromethane	10	U	10	2.0
79-00-5	1,1,2-Trichloroethane	10	U	10	1.9
71-43-2	Benzene	10	U	10	0.80
10061-02-6	trans-1,3-Dichloropropene	10	U	10	2.4
75-25-2	Bromoform	10	U	10	1.9
98-82-8	Isopropylbenzene	10	U	10	0.80
108-10-1	4-Methyl-2-pentanone	50	U	50	9.9
591-78-6	2-Hexanone	50	U	50	5.0
127-18-4	Tetrachloroethene	2.3	J	10	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: DUP-030212 | Lab Sample ID: 460-37525-5

Matrix: Water | Lab File ID: c66384.d

Analysis Method: 8260B | Date Collected: 03/02/2012 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 19:11

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	10	U	10	1.5
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.6
108-90-7	Chlorobenzene	10	U	10	1.1
100-41-4	Ethylbenzene	10	U	10	1.0
1330-20-7	Xylenes, Total	30	U	30	3.6
100-42-5	Styrene	10	U	10	1.2
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	4.0
541-73-1	1,3-Dichlorobenzene	10	U	10	1.4
106-46-7	1,4-Dichlorobenzene	10	U	10	2.3
95-50-1	1,2-Dichlorobenzene	10	U	10	2.1
120-82-1	1,2,4-Trichlorobenzene	10	U	10	3.4
106-93-4	1,2-Dibromoethane	10	U	10	2.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66384.d
Report Date: 08-Mar-2012 20:33

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66384.d
Lab Smp Id: 460-37525-A-5 Client Smp ID: DUP-030212
Inj Date : 08-MAR-2012 19:11
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-A-5;10
Misc Info : 460-37525-A-5
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 28
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.699	1.687	(0.300)	3252	1.34919	13
	15 1,1-Dichloroethene	96	2.734	2.728	(0.483)	3251	1.87201	19
	25 trans-1,2-Dichloroethene	96	3.427	3.415	(0.606)	1146	0.55804	5.6(a)
	30 1,1-Dichloroethane	63	3.865	3.859	(0.683)	2203	0.53263	5.3(a)
	36 cis-1,2-Dichloroethene	96	4.449	4.443	(0.786)	20349	8.72721	87
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.349	5.350	(0.945)	172686	54.3739	54
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	546871	50.0000	
	54 Trichloroethene	95	6.073	6.073	(1.073)	559744	253.126	2500
$	65 Toluene-d8 (SUR)	98	7.339	7.339	(0.851)	526798	49.9918	50
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	536	0.22824	2.3(a)
*	78 Chlorobenzene-d5	117	8.622	8.622	(1.000)	403239	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.547	9.541	(0.920)	174405	49.9754	50
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	202673	50.0000	
M	120 1,2-Dichloroethene (Total)	100				21495	9.28525	93

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66384.d
Report Date: 08-Mar-2012 20:33

QC Flag Legend

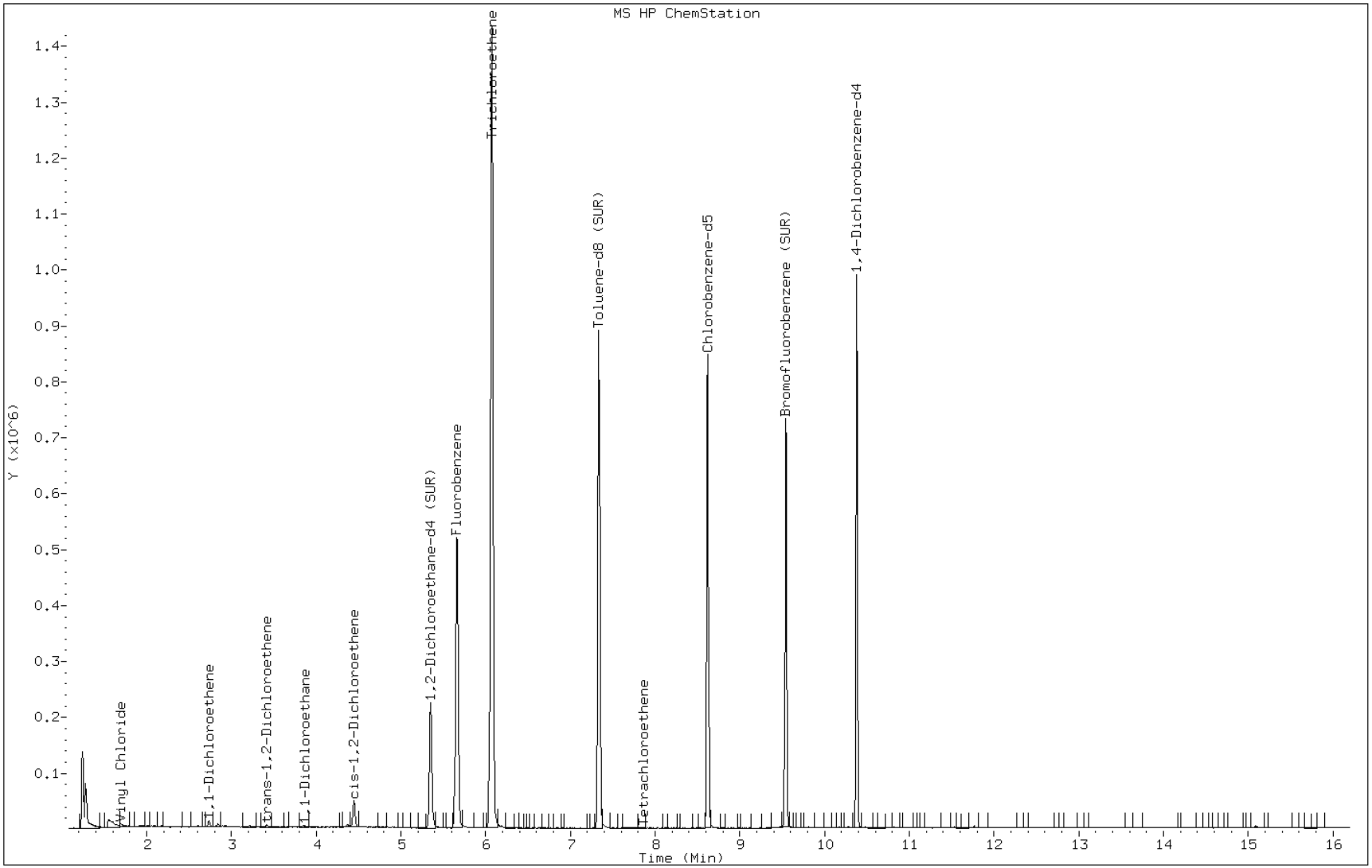
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3



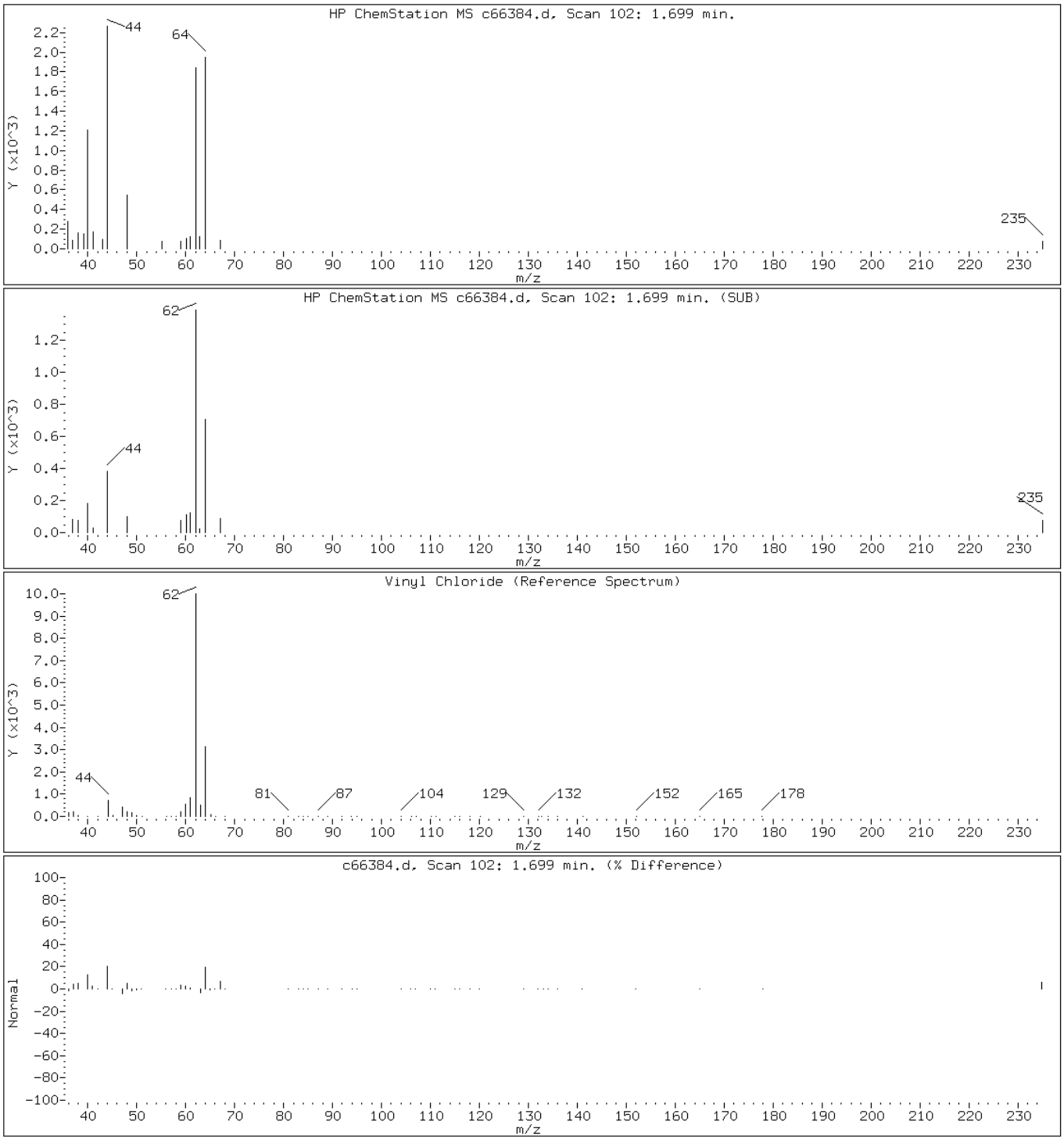
Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3

4 Vinyl Chloride



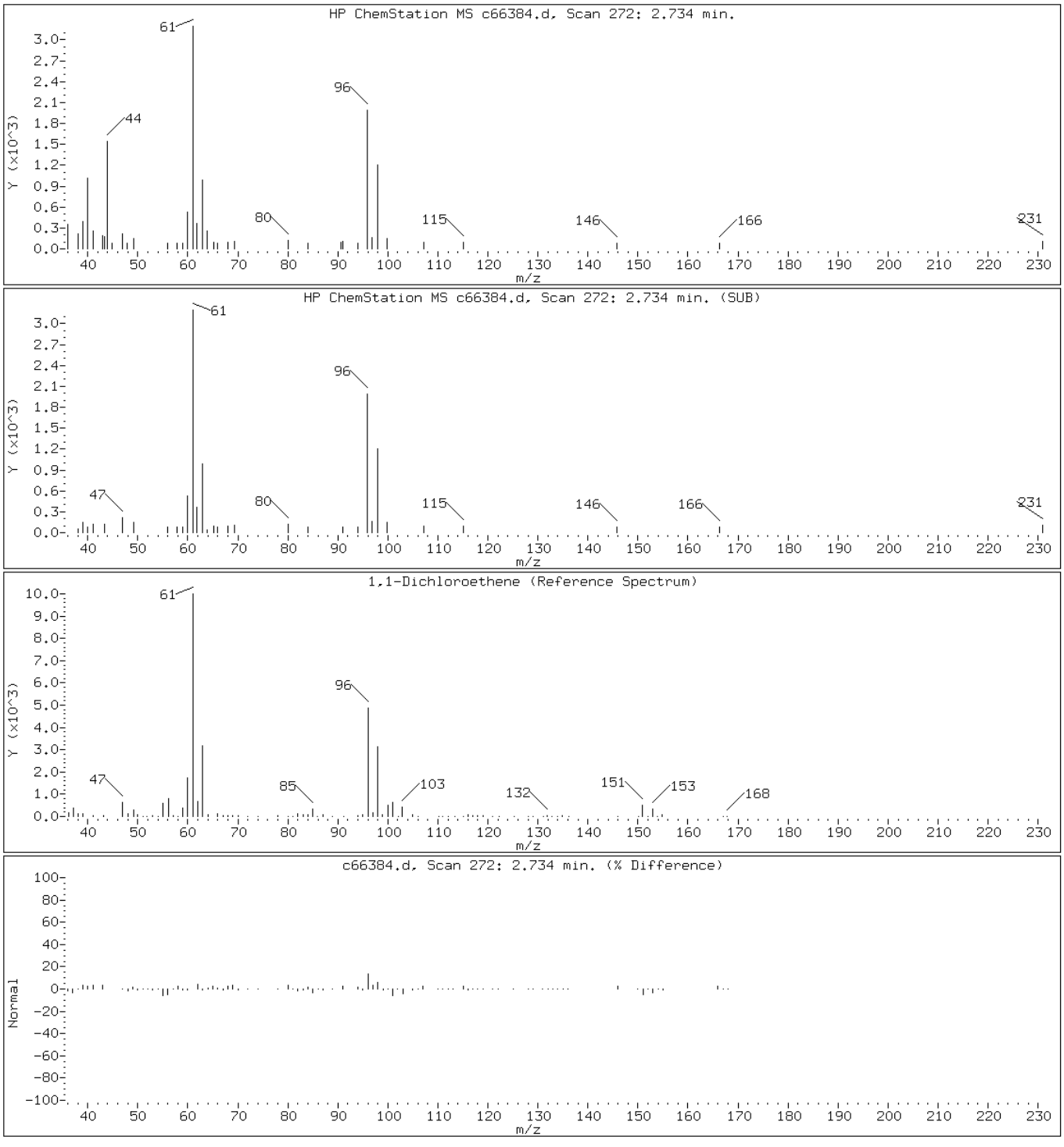
Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3

15 1,1-Dichloroethene



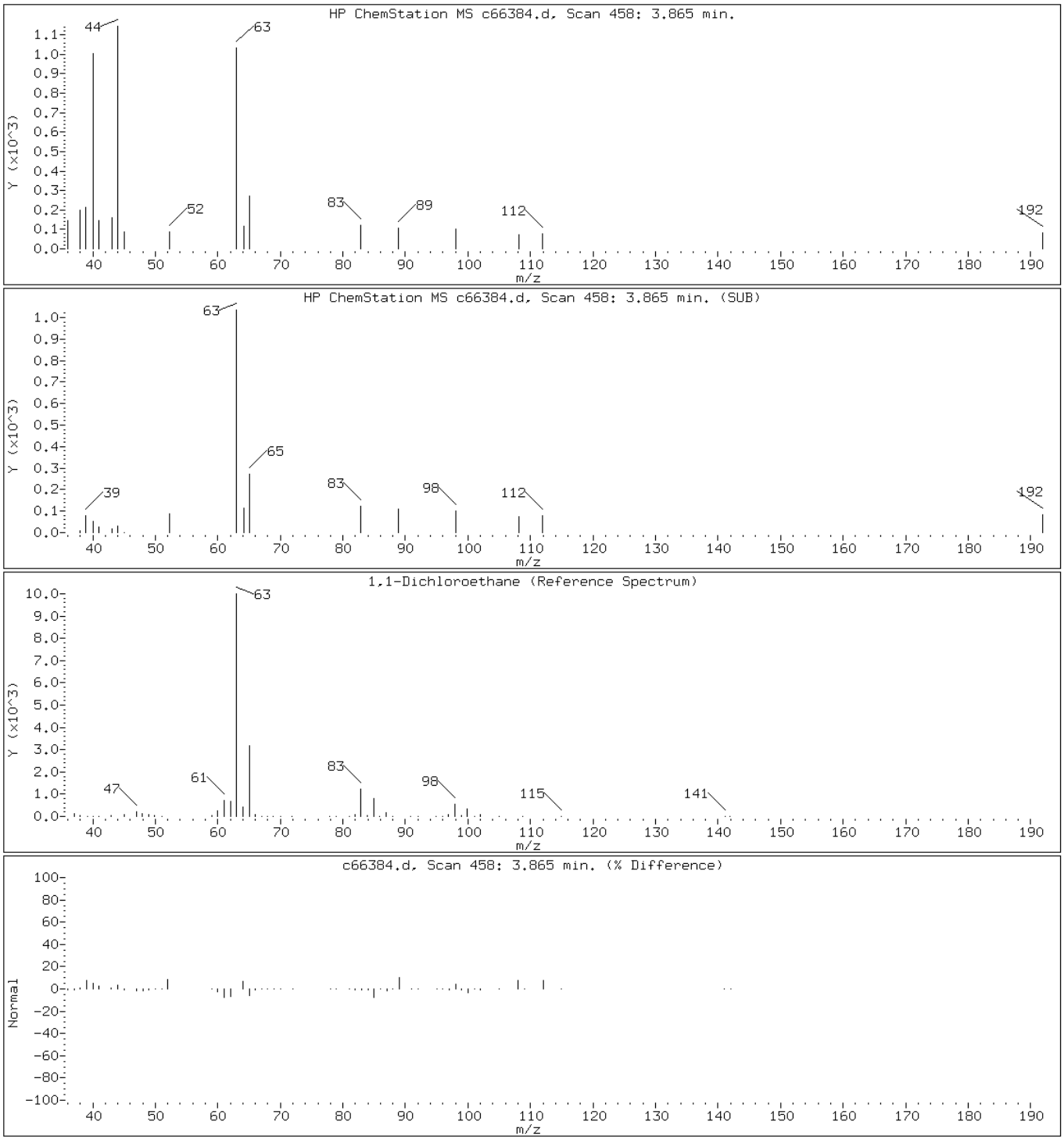
Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3

30 1,1-Dichloroethane



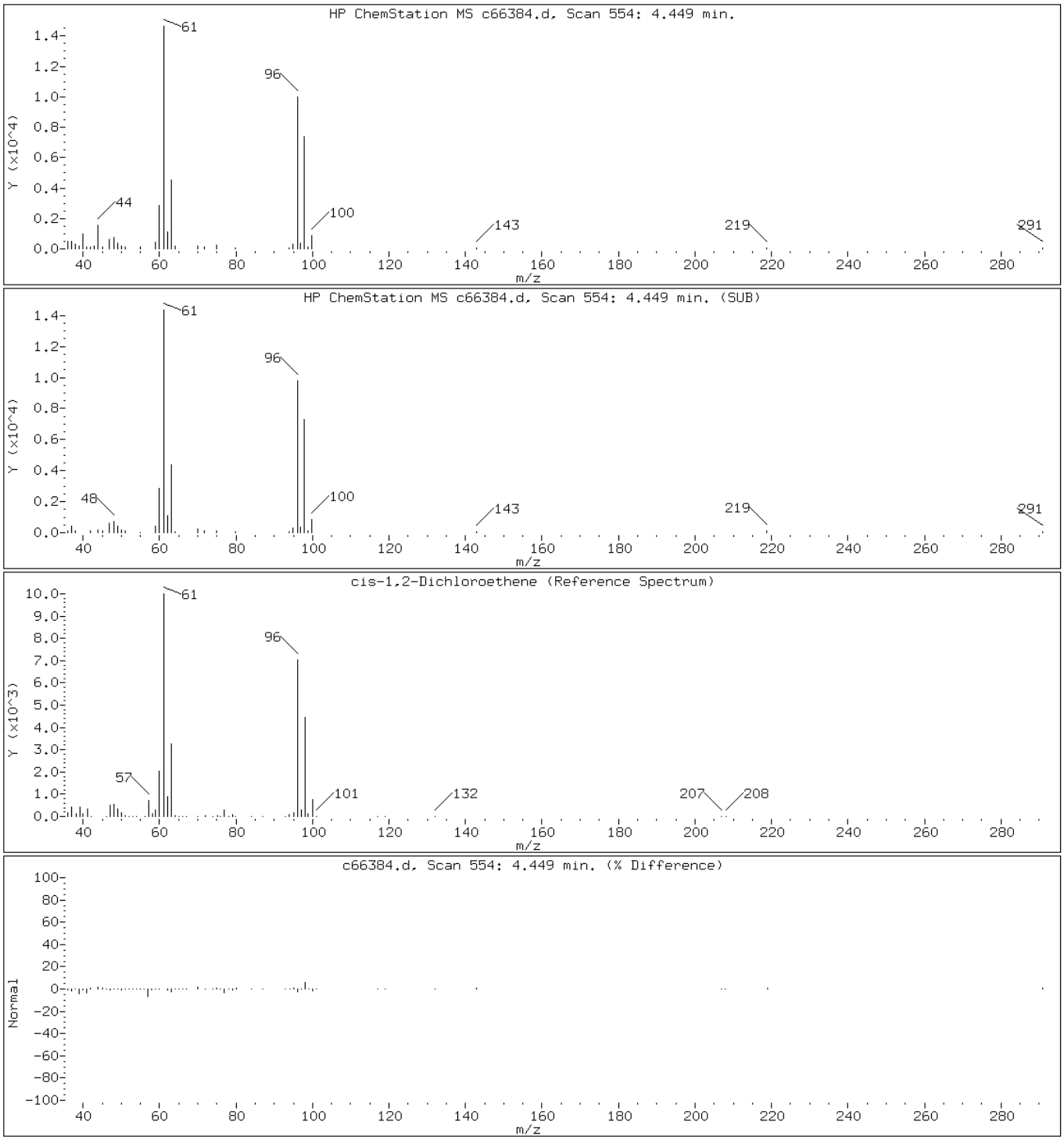
Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3

36 cis-1,2-Dichloroethene



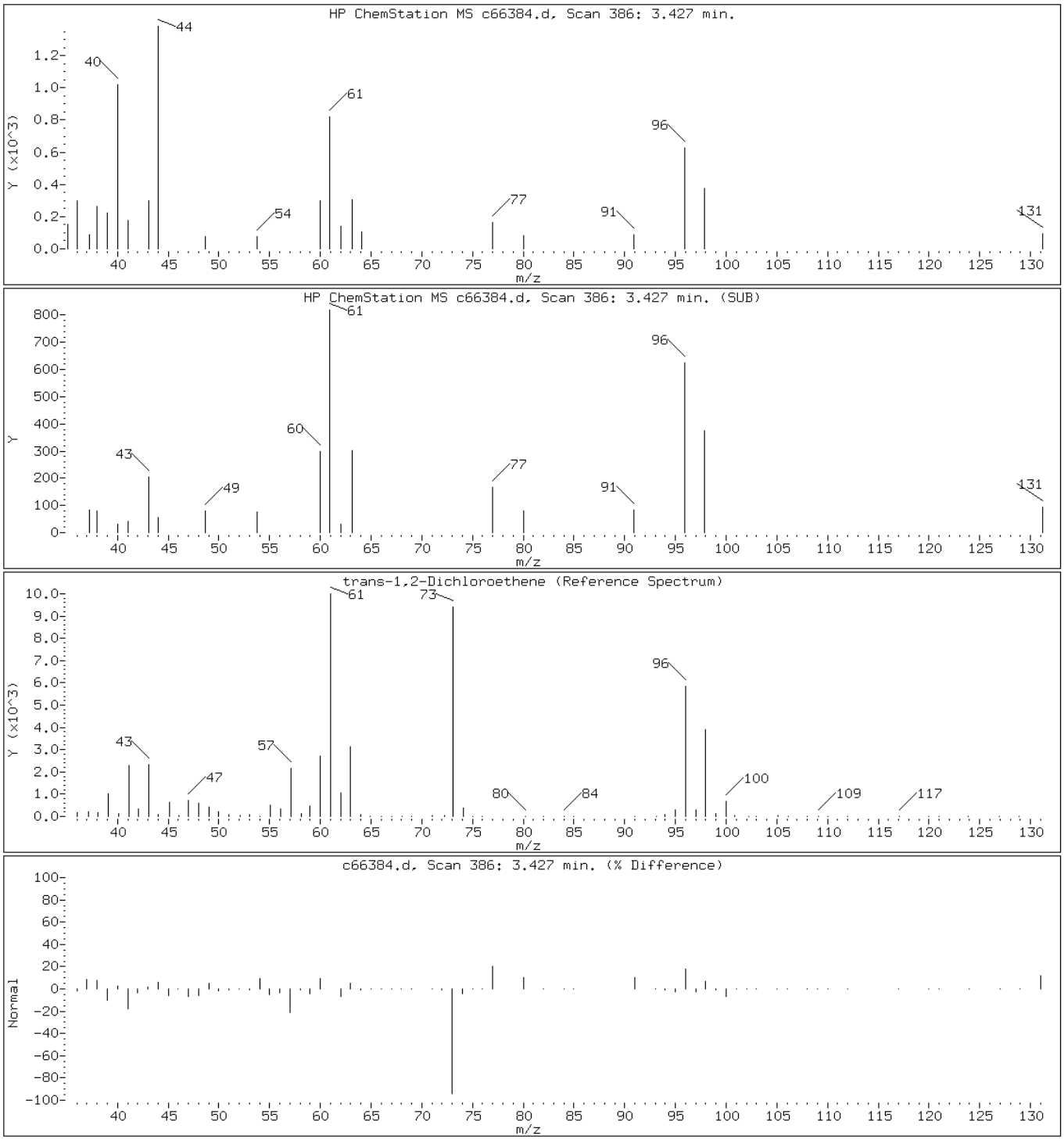
Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3

25 trans-1,2-Dichloroethene



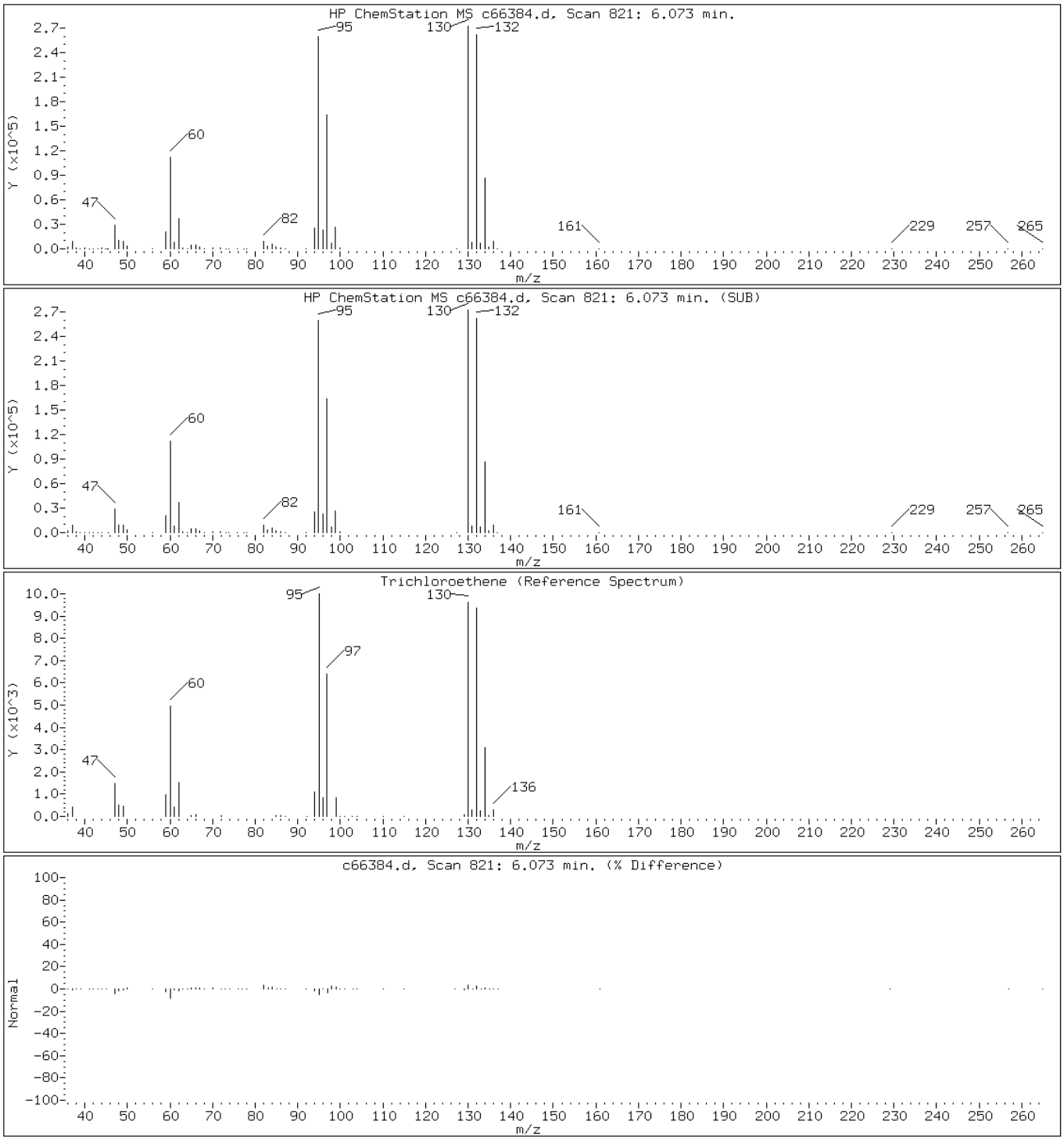
Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3

54 Trichloroethene



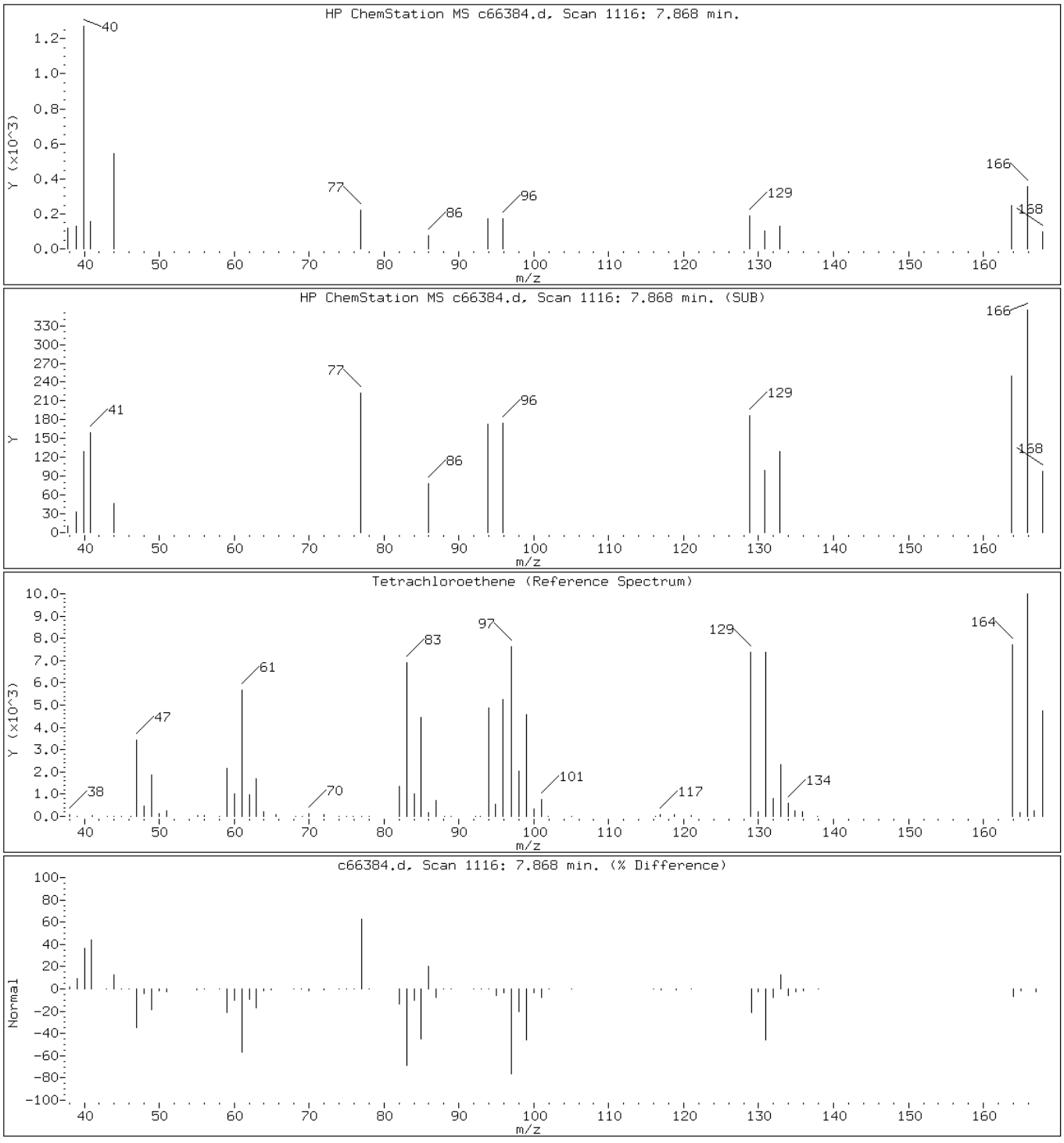
Data File: c66384.d

Date: 08-MAR-2012 19:11

Client ID: DUP-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-5;10 Operator: VOA GC/MS3

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: FB-030212 | Lab Sample ID: 460-37525-6

Matrix: Water | Lab File ID: c66376.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 16:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	2.1		1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: FB-030212 | Lab Sample ID: 460-37525-6

Matrix: Water | Lab File ID: c66376.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:50

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 16:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66376.d
Report Date: 08-Mar-2012 20:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66376.d
Lab Smp Id: 460-37525-A-6 Client Smp ID: FB-030212
Inj Date : 08-MAR-2012 16:06
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-A-6
Misc Info : 460-37525-A-6
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

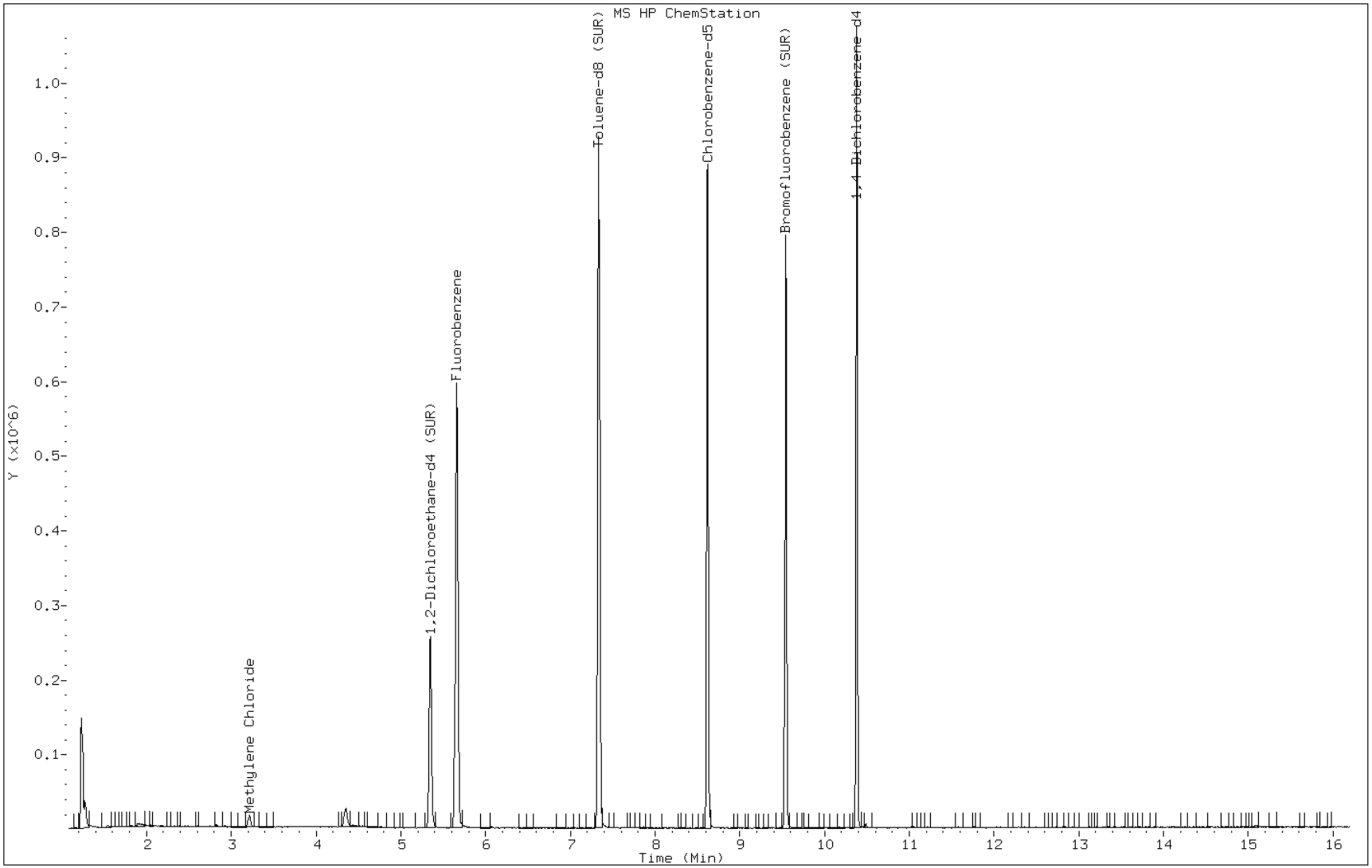
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	3.214	3.214	(0.568)	4703	2.08034	2.1
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.350	(0.945)	189527	53.5577	54
* 52 Fluorobenzene	96	5.660	5.660	(1.000)	609351	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.339	7.339	(0.851)	566509	50.2784	50
* 78 Chlorobenzene-d5	117	8.623	8.622	(1.000)	431164	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	184765	48.9911	49
* 108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	219026	50.0000	

Data File: c66376.d

Date: 08-MAR-2012 16:06

Client ID: FB-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-6 Operator: VOA GC/MS3



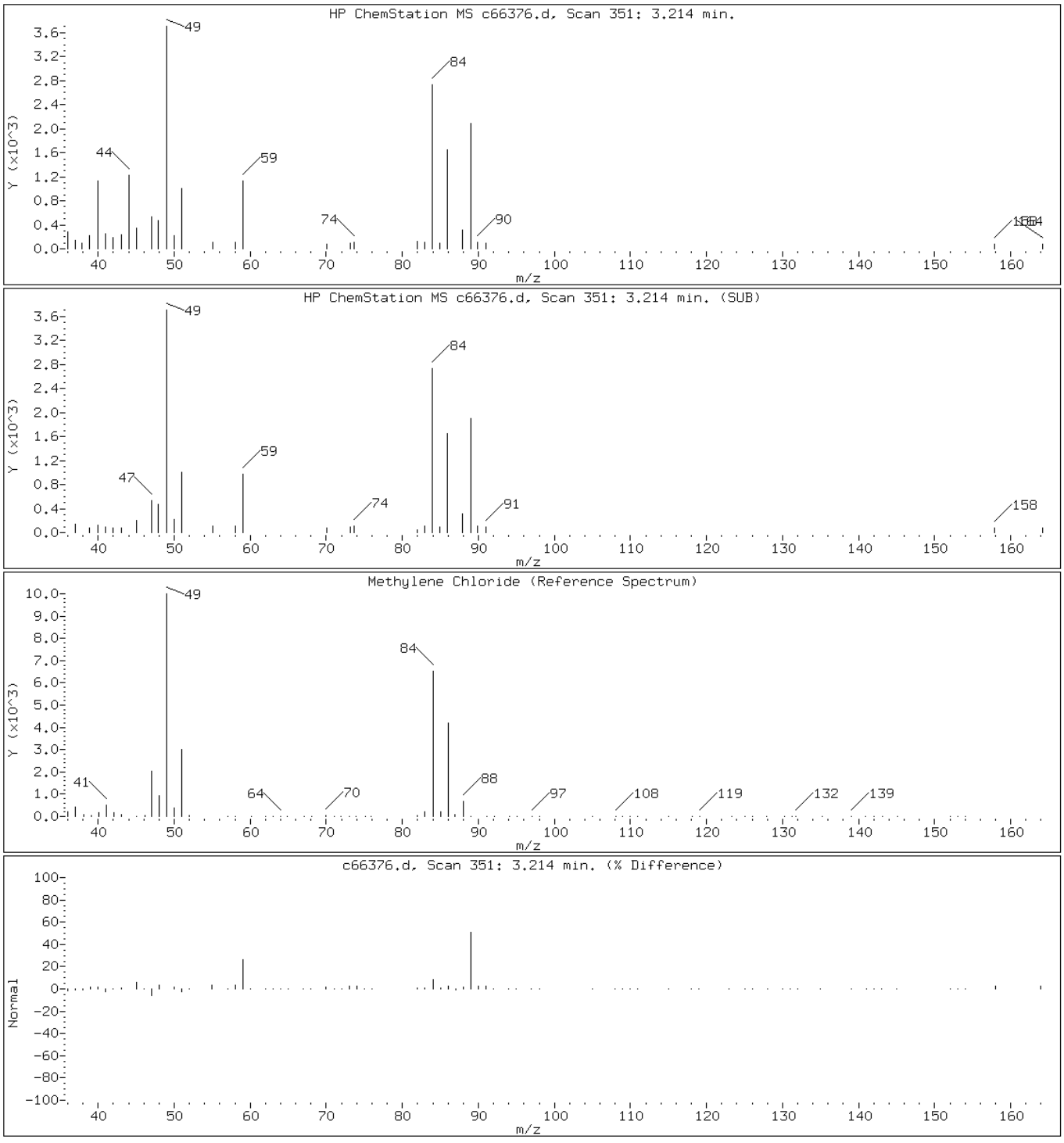
Data File: c66376.d

Date: 08-MAR-2012 16:06

Client ID: FB-030212 Instrument: VOAMS3.i

Sample Info: 460-37525-A-6 Operator: VOA GC/MS3

22 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-37525-7

Matrix: Water | Lab File ID: c66377.d

Analysis Method: 8260B | Date Collected: 03/02/2012 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 16:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	2.0		1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-37525-7

Matrix: Water | Lab File ID: c66377.d

Analysis Method: 8260B | Date Collected: 03/02/2012 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 16:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66377.d
Report Date: 08-Mar-2012 20:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66377.d
Lab Smp Id: 460-37525-A-7 Client Smp ID: Trip Blank
Inj Date : 08-MAR-2012 16:29
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-A-7
Misc Info : 460-37525-A-7
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	3.214	3.214	(0.568)	4600	2.04539	2.0
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.350	(0.945)	187158	53.1641	53
* 52 Fluorobenzene	96	5.660	5.660	(1.000)	606189	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.339	7.339	(0.851)	564428	49.9500	50
* 78 Chlorobenzene-d5	117	8.623	8.622	(1.000)	432405	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	184992	49.3425	49
* 108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	217733	50.0000	

Data File: c66377.d

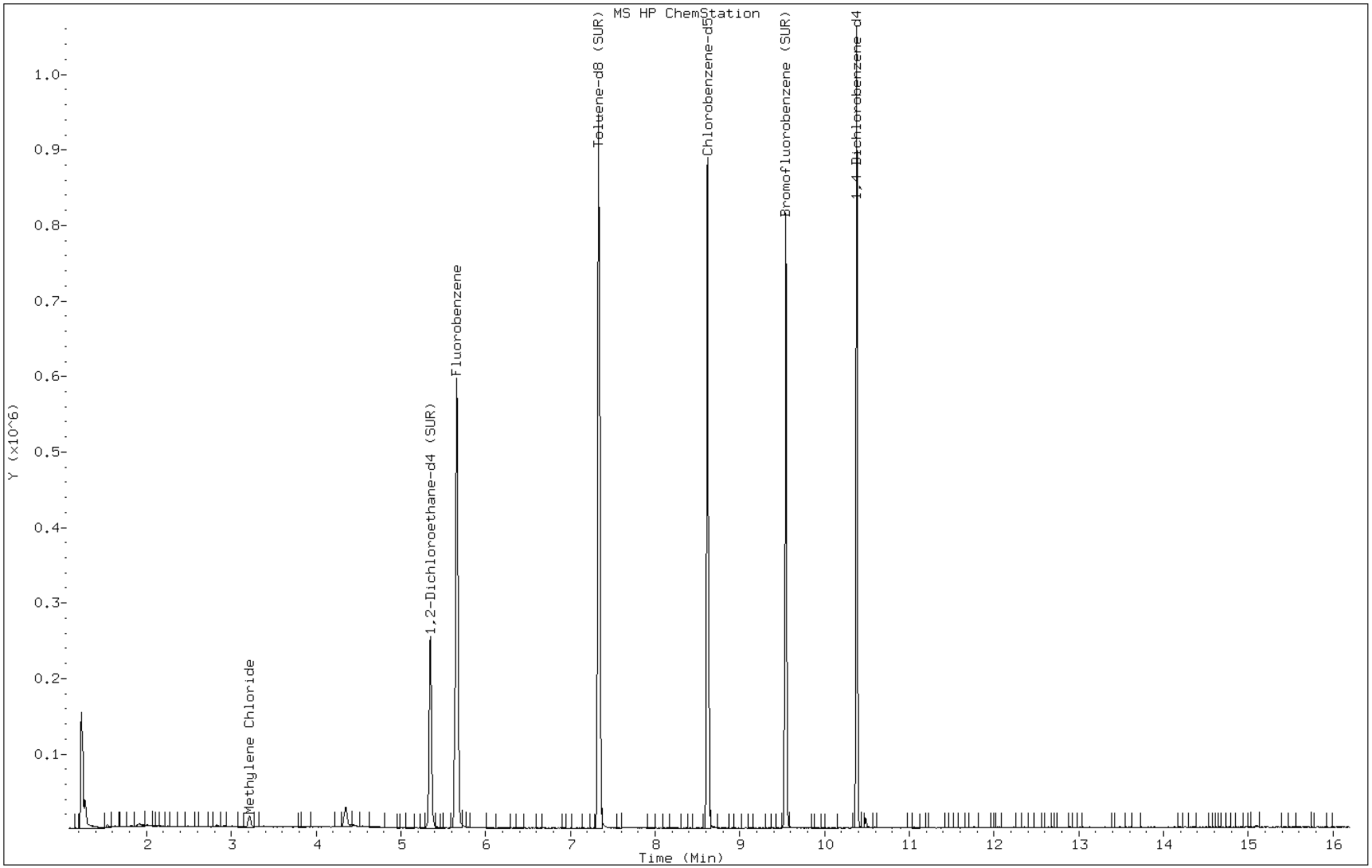
Date: 08-MAR-2012 16:29

Client ID: Trip Blank

Instrument: VOAMS3.i

Sample Info: 460-37525-A-7

Operator: VOA GC/MS3



Data File: c66377.d

Date: 08-MAR-2012 16:29

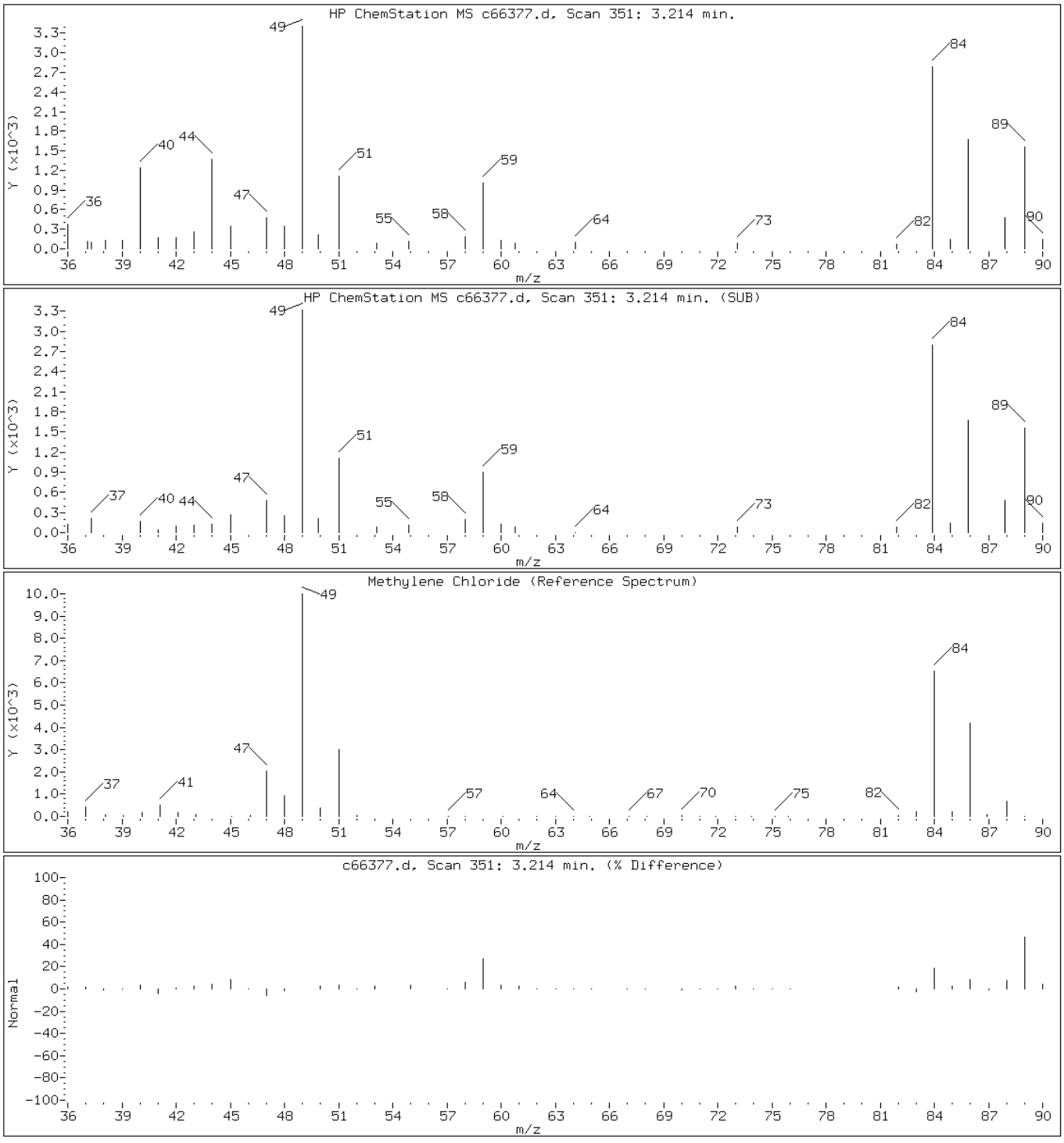
Client ID: Trip Blank

Instrument: VOAMS3.i

Sample Info: 460-37525-A-7

Operator: VOA GC/MS3

22 Methylene Chloride



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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-104873/7	c66270.d
Level 2	IC 460-104873/2	c66259.d
Level 3	ICIS 460-104873/3	c66260.d
Level 4	IC 460-104873/4	c66261.d
Level 5	IC 460-104873/5	c66262.d
Level 6	IC 460-104873/6	c66263.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1616 0.1662	0.1759	0.1245	0.1359	0.1513	Ave		0.1526				12.7		15.0			
Chloromethane	0.2749 0.2144	0.2417	0.1715	0.1859	0.1946	LinF		0.2117							0.9982		0.9900
Vinyl chloride	0.2531 0.2336	0.2476	0.1766	0.1966	0.2148	Ave		0.2204				13.6		30.0			
Bromomethane	0.0654 +++++	0.0844	0.0710	0.0711	0.0892	Ave		0.0762				13.2		15.0			
Chloroethane	0.1479 0.1555	0.1664	0.1182	0.1277	0.1384	Ave		0.1423				12.6		15.0			
Trichlorofluoromethane	0.2607 0.2701	0.2729	0.2032	0.2232	0.2450	Ave		0.2459				11.3		15.0			
n-Pentane	0.0234 0.0288	0.0267	0.0277	0.0296	0.0283	Ave		0.0274				8.0		15.0			
Ethyl ether	0.1649 0.1609	0.1632	0.1595	0.1798	0.1583	Ave		0.1644				4.8		15.0			
Isopropene	0.2799 0.2565	0.2643	0.2521	0.2734	0.2572	Ave		0.2639				4.1		15.0			
Freon TF	0.1526 0.1614	0.1705	0.1596	0.1736	0.1614	Ave		0.1632				4.7		15.0			
Acrolein	0.0626 0.0451	0.0467	0.0499	0.0499	0.0460	Ave		0.0500				12.9		15.0			
1,1-Dichloroethene	0.1741 0.1526	0.1590	0.1761	0.1434	0.1474	Ave		0.1588				8.6		30.0			
Acetone	0.1296 0.0628	0.0803	0.0714	0.0743	0.0610	LinF		0.0627							0.9991		0.9900
Carbon disulfide	0.6415 0.4183	0.4729	0.4316	0.4650	0.4184	LinF		0.4188							0.9998		0.9900
Methyl acetate	0.3063 0.2596	0.2794	0.2631	0.2908	0.2559	Ave		0.2759				7.2		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	0.0084 0.0055	0.0068	0.0056	0.0064	0.0055	LinF		0.0055							0.9996		0.9900
Methylene Chloride	0.2730 0.1855	0.2124	0.2339	0.1885	0.1848	LinF		0.1855							0.9998		0.9900
TBA	0.0198 0.0204	0.0189	0.0188	0.0224	0.0198	Ave		0.0200				6.6		15.0			
MTBE	0.5164 0.5196	0.5418	0.5127	0.5792	0.5194	Ave		0.5315				4.8		15.0			
trans-1,2-Dichloroethene	0.2127 0.1752	0.1908	0.2080	0.1672	0.1726	Ave		0.1878				10.3		15.0			
Acrylonitrile	0.0962 0.0898	0.1051	0.0908	0.0997	0.0905	Ave		0.0953				6.4		15.0			
Hexane	0.1378 0.1389	0.1410	0.1339	0.1461	0.1404	Ave		0.1397				2.9		15.0			
DIPE	0.6524 0.6497	0.6898	0.6615	0.7537	0.6594	Ave		0.6778				5.9		15.0			
1,1-Dichloroethane	0.4126 0.3460	0.3795	0.4331	0.3508	0.3469	Ave		0.3782			0.1000	9.9		15.0			
Vinyl acetate	0.2296 0.2455	0.1902	0.2684	0.2813	0.2504	Ave		0.2442				13.1		15.0			
Tert-butyl ethyl ether	0.5691 0.5795	0.6013	0.5706	0.6509	0.5806	Ave		0.5920				5.2		15.0			
2,2-Dichloropropane	0.3222 0.2717	0.2428	0.3289	0.2644	0.2692	Ave		0.2832				12.2		15.0			
cis-1,2-Dichloroethene	0.2317 0.2012	0.2102	0.2430	0.1952	0.1978	Ave		0.2132				9.3		15.0			
2-Butanone	0.0303 0.0283	0.0260	0.0286	0.0319	0.0277	Ave		0.0288				7.1		15.0			
Ethyl acetate	0.0302 0.0254	0.0250	0.0238	0.0276	0.0245	Ave		0.0261				9.2		15.0			
Bromochloromethane	0.1229 0.0922	0.1023	0.1153	0.0925	0.0924	Ave		0.1029				12.9		15.0			
Tetrahydrofuran	0.0971 0.0703	0.0812	0.0669	0.0779	0.0687	Ave		0.0770				14.7		15.0			
Chloroform	0.3621 0.3171	0.3469	0.3939	0.3165	0.3149	Ave		0.3419				9.4		30.0			
Cyclohexane	0.3229 0.3363	0.3262	0.3053	0.3432	0.3371	Ave		0.3285				4.1		15.0			
1,1,1-Trichloroethane	0.3066 0.2651	0.2752	0.3103	0.2517	0.2624	Ave		0.2786				8.7		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.2355 0.2314	0.2223	0.2585	0.2091	0.2248	Ave		0.2303				7.2		15.0			
1,1-Dichloropropene	0.2817 0.2708	0.2546	0.2980	0.2449	0.2646	Ave		0.2691				7.1		15.0			
Benzene	1.2199 1.0210	1.1192	1.2998	1.0601	1.0466	Ave		1.1278				9.8		15.0			
Tert-amyl methyl ether	0.4263 0.5234	0.4722	0.4669	0.5674	0.5191	Ave		0.4959				10.1		15.0			
Isopropyl acetate	0.3945 0.4403	0.4288	0.4113	0.4930	0.4452	Ave		0.4355				7.8		15.0			
1,2-Dichloroethane	0.2844 0.2239	0.2426	0.2736	0.2231	0.2243	Ave		0.2453				11.1		15.0			
n-Heptane	0.1147 0.1315	0.1017	0.1109	0.1290	0.1289	Ave		0.1195				10.2		15.0			
n-Butanol	0.0033 0.0043	0.0031	0.0032	0.0035	0.0039	Ave		0.0036				13.2		15.0			
Trichloroethene	0.2216 0.1937	0.2069	0.2204	0.1815	0.1890	Ave		0.2022				8.3		15.0			
Methylcyclohexane	0.2537 0.3101	0.2788	0.2744	0.3179	0.3106	Ave		0.2909				8.8		15.0			
Ethyl acrylate	0.4554 0.5155	0.4875	0.4567	0.5352	0.5087	Ave		0.4932				6.6		15.0			
1,2-Dichloropropane	0.2434 0.2188	0.2243	0.2632	0.2139	0.2159	Ave		0.2299				8.5		30.0			
Methyl methacrylate	0.0449 0.0584	0.0477	0.0485	0.0586	0.0557	Ave		0.0523				11.5		15.0			
1,4-Dioxane	0.0019 +++++	0.0019	0.0021	0.0022	0.0026	Ave		0.0021				13.6		15.0			
Dibromomethane	0.1394 0.1067	0.1262	0.1331	0.1099	0.1120	Ave		0.1212				11.2		15.0			
Propyl acetate	0.2508 0.2987	0.2597	0.2587	0.3211	0.2962	Ave		0.2809				10.1		15.0			
Bromodichloromethane	0.2516 0.2429	0.2394	0.2819	0.2302	0.2411	Ave		0.2478				7.3		15.0			
2-Chloroethyl vinyl ether	0.0872 0.1255	0.1017	0.1068	0.1290	0.1216	Ave		0.1120				14.5		15.0			
Epichlorohydrin	0.0264 0.0256	0.0261	0.0262	0.0305	0.0263	Ave		0.0269				6.8		15.0			
cis-1,3-Dichloropropene	0.4298 0.4348	0.4121	0.5048	0.4211	0.4340	Ave		0.4394				7.5		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
4-Methyl-2-pentanone	0.2412 0.2828	0.2457	0.2393	0.2902	0.2679	Ave		0.2612				8.5		15.0			
Toluene	1.4002 1.0369	1.2113	1.3329	1.0839	1.0803	Ave		1.1909				12.6		30.0			
trans-1,3-Dichloropropene	0.3650 0.3923	0.3517	0.4211	0.3588	0.3849	Ave		0.3790				6.8		15.0			
1,1,2-Trichloroethane	0.2058 0.2025	0.2059	0.2435	0.1953	0.1997	Ave		0.2088				8.4		15.0			
Tetrachloroethene	0.3097 0.2818	0.2843	0.3270	0.2659	0.2785	Ave		0.2912				7.8		15.0			
1,3-Dichloropropane	0.4219 0.4141	0.4210	0.5013	0.4079	0.4171	Ave		0.4306				8.1		15.0			
2-Hexanone	0.1625 0.1940	0.1680	0.1676	0.1997	0.1849	Ave		0.1794				8.7		15.0			
Butyl acetate	0.0537 0.0760	0.0624	0.0613	0.0779	0.0730	Ave		0.0674				14.3		15.0			
Dibromochloromethane	0.2362 0.2538	0.2387	0.2827	0.2345	0.2483	Ave		0.2491				7.3		15.0			
1,2-Dibromoethane	0.2500 0.2348	0.2324	0.2698	0.2277	0.2342	Ave		0.2415				6.5		15.0			
Chlorobenzene	0.7761 0.6802	0.7249	0.8317	0.6865	0.6964	Ave		0.7326			0.3000	8.2		15.0			
Ethylbenzene	0.3584 0.3780	0.3544	0.4188	0.3598	0.3764	Ave		0.3743				6.4		30.0			
1,1,1,2-Tetrachloroethane	0.2343 0.2403	0.2309	0.2776	0.2308	0.2393	Ave		0.2422				7.3		15.0			
m&p-Xylene	0.4090 0.4210	0.4451	0.5236	0.4374	0.4460	Ave		0.4470				9.0		15.0			
Butyl acrylate	0.1519 0.1947	0.1455	0.1555	0.2002	0.1887	Ave		0.1728				14.1		15.0			
o-Xylene	0.4106 0.4318	0.4331	0.5225	0.4351	0.4453	Ave		0.4464				8.7		15.0			
Styrene	0.6822 0.7201	0.7220	0.8862	0.7365	0.7477	Ave		0.7491				9.4		15.0			
Bromoform	0.1352 0.1775	0.1513	0.1817	0.1554	0.1703	Ave		0.1619			0.1000	11.0		15.0			
Isopropylbenzene	0.9712 1.0200	1.0338	1.2417	1.0434	1.0953	Ave		1.0676				8.8		15.0			
Camphene, Total	0.1064 0.0835	0.0777	0.0733	0.0840	0.0830	Ave		0.0846				13.5		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monobromobenzene	0.6114 0.5820	0.5723	0.6680	0.5541	0.5882	Ave		0.5960				6.7		15.0			
1,1,2,2-Tetrachloroethane	0.5888 0.6022	0.5437	0.7017	0.5835	0.6087	Ave		0.6048			0.3000	8.7		15.0			
N-Propylbenzene	2.3157 2.2948	2.4300	2.8966	2.4085	2.5329	Ave		2.4797				8.9		15.0			
1,2,3-Trichloropropane	0.1410 0.1777	0.1672	0.2024	0.1696	0.1782	Ave		0.1727				11.5		15.0			
trans-1,4-Dichloro-2-butene	0.1071 0.1567	0.1326	0.1290	0.1579	0.1458	Ave		0.1382				14.0		15.0			
2-Chlorotoluene	1.5084 1.4404	1.4554	1.7814	1.4472	1.5277	Ave		1.5268				8.5		15.0			
1,3,5-Trimethylbenzene	1.5624 1.6678	1.5919	1.9907	1.6333	1.7404	Ave		1.6978				9.2		15.0			
4-Chlorotoluene	1.5869 1.4724	1.5125	1.8301	1.4891	1.5600	Ave		1.5752				8.4		15.0			
Butyl Methacrylate	0.3609 0.6510	0.4870	0.5385	0.6570	0.6301	LinF		0.6481							0.9997		0.9900
tert-Butylbenzene	1.2767 1.4896	1.3491	1.6359	1.3809	1.5152	Ave		1.4412				9.0		15.0			
1,2,4-Trimethylbenzene	1.4882 1.7229	1.5610	2.0058	1.6806	1.7719	Ave		1.7051				10.6		15.0			
2-Octanone	0.7178 0.8606	0.7012	0.6993	0.8668	0.7686	Ave		0.7691				10.1		15.0			
2-Octanol	0.2733 0.3355	0.1479	0.1817	0.2369	0.2126	QuaF		5.1899	-0.658						0.9995		0.9900
sec-Butylbenzene	1.9447 2.0414	2.0092	2.4111	2.0183	2.1653	Ave		2.0983				8.1		15.0			
p-Isopropyltoluene	1.4191 1.7922	1.5684	1.9974	1.7019	1.8363	Ave		1.7192				11.9		15.0			
1,3-Dichlorobenzene	1.1273 1.0119	0.9820	1.1751	0.9650	0.9991	Ave		1.0434				8.3		15.0			
1,4-Dichlorobenzene	1.1994 1.0353	0.9776	1.1904	0.9747	1.0170	Ave		1.0657				9.6		15.0			
Benzyl chloride	0.7392 1.1159	0.6509	0.8796	1.0872	1.0636	LinF		1.1085							0.9995		0.9900
n-Butylbenzene	1.3710 1.6248	1.3389	1.6933	1.4665	1.6347	Ave		1.5215				9.8		15.0			
1,2-Dichlorobenzene	0.9518 0.9643	0.9162	1.1067	0.9016	0.9431	Ave		0.9639				7.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	0.1137 0.1205	0.1011	0.1269	0.1063	0.1146	Ave		0.1138				8.2		15.0			
Camphor	0.0820 0.0724	0.0512	0.0601	0.0746	0.0644	LinF		0.0714							0.9977		0.9900
1,2,4-Trichlorobenzene	0.6924 0.5898	0.5353	0.6177	0.5364	0.5904	Ave		0.5937				9.8		15.0			
Hexachlorobutadiene	0.4119 0.3201	0.2801	0.3409	0.2846	0.3230	Ave		0.3268				14.7		15.0			
Naphthalene	2.1498 1.5226	1.2771	1.5819	1.3902	1.5270	LinF		1.5222							0.9999		0.9900
1,2,3-Trichlorobenzene	0.5928 0.5224	0.4462	0.5404	0.4667	0.5114	Ave		0.5133				10.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3063 0.2759	0.2973	0.2923	0.2865	0.2839	Ave		0.2904				3.7		15.0			
Toluene-d8 (Surr)	1.3032 1.2932	1.3042	1.3100	1.3178	1.3113	Ave		1.3066				0.6		15.0			
Bromofluorobenzene	0.8512 0.8583	0.8490	0.8625	0.8572	0.8876	Ave		0.8609				1.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-104873/7	c66270.d
Level 2	IC 460-104873/2	c66259.d
Level 3	ICIS 460-104873/3	c66260.d
Level 4	IC 460-104873/4	c66261.d
Level 5	IC 460-104873/5	c66262.d
Level 6	IC 460-104873/6	c66263.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	1891 1050881	10206	29569	82911	365206	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	LinF	3218 1355653	14023	40719	113429	469553	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2963 1477049	14363	41923	119916	518252	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	766 +++++	4897	16854	43356	215254	1.00 +++++	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1731 983267	9654	28053	77901	334049	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	3052 1707724	15832	48244	136186	591239	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	274 181878	1549	6588	18062	68291	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	1930 1017501	9469	37860	109709	382030	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	3276 1621538	15335	59847	166798	620693	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	1786 1020476	9893	37891	105923	389431	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	2932 228338	10834	23695	60823	111063	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	2038 964937	9226	41813	87464	355751	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	7583 397264	13978	16940	45322	147272	5.00 500	15.0	20.0	50.0	200
Carbon disulfide	FB	LinF	7509 2645073	27436	102475	283673	1009704	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	3585 1641663	16207	62474	177404	617492	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	1978 698582	7859	26386	78297	264826	20.0 10000	100	400	1000	4000

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	LinF	3195 1172715	12321	55527	114968	446055	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	4646 2576819	21954	89110	273633	953844	20.0 10000	100	400	1000	4000
MTBE	FB	Ave	6045 3285175	31429	121732	353356	1253274	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	2490 1108067	11066	49390	102024	416419	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	2251 227097	12189	21566	60828	109151	2.00 200	10.0	20.0	50.0	100
Hexane	FB	Ave	1613 878324	8179	31798	89143	338820	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	7636 4107901	40018	157054	459798	1591297	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	4830 2187843	22014	102816	214014	837162	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	2688 1552011	11034	63711	171620	604126	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	6661 3663921	34884	135477	397058	1400963	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3771 1718126	14084	78084	161314	649680	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	2712 1272383	12193	57692	119067	477331	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	1773 179216	4525	6790	19438	66958	5.00 500	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	708 321818	2901	11318	33677	118029	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	1438 583143	5936	27369	56418	222917	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	1136 444565	4709	15884	47505	165662	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	4238 2005076	20126	93519	193066	759881	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3779 2126215	18923	72492	209345	813384	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3589 1676426	15964	73670	153571	633131	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2757 1463374	12896	61377	127548	542401	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3297 1712074	14768	70749	149422	638483	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Benzene	CBZ	Ave	10116 4793796	46574	222784	470315	1870137	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	4990 3309494	27391	110857	346118	1252565	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	9235 5567996	49750	195303	601497	2148489	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	3329 1415869	14072	64944	136075	541331	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	1343 831572	5902	26320	78694	311129	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	19123 163976	35810	57738	86568	117787	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	2594 1224821	12002	52331	110696	456048	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	2969 1960788	16176	65152	193931	749564	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5331 3259669	28280	108422	326505	1227451	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	2849 1383541	13015	62493	130472	521078	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	525 369170	2768	11511	35768	134390	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1132 +++++	2248	3651	5322	7966	50.0 +++++	100	150	200	250
Dibromomethane	FB	Ave	1632 674859	7321	31597	67052	270251	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	5872 3777732	30130	122853	391788	1429404	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	2945 1536128	13888	66926	140412	581731	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1021 793425	5899	25358	78694	293437	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	4378 2404783	21715	89964	270861	939672	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	3564 2041411	17149	86526	186844	775506	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	10002 1327724	30668	41008	128755	478741	5.00 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	11611 4868577	50404	228456	480894	1930434	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	3027 1842073	14636	72175	159181	687775	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBZ	Ave	1707 950888	8569	41736	86650	356859	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	2568 1323275	11830	56052	117948	497606	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3499 1944265	17518	85922	180990	745290	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	6738 910733	20974	28720	88608	330427	5.00 500	15.0	20.0	50.0	200
Butyl acetate	CBZ	Ave	891 713779	5191	21007	69154	261044	2.00 1000	10.0	40.0	100	400
Dibromochloromethane	CBZ	Ave	1959 1191762	9932	48463	104049	443709	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	2073 1102344	9672	46242	101004	418438	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	6436 3193456	30165	142554	304582	1244445	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	2972 1774905	14749	71789	159638	672522	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	1943 1128436	9608	47572	102408	427562	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	6784 3953593	37041	179485	388079	1593746	2.00 1000	10.0	40.0	100	400
Butyl acrylate	CBZ	Ave	1260 914331	6054	26661	88801	337126	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	3405 2027534	18023	89554	193051	795744	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	5657 3381195	30044	151896	326737	1335993	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1121 833229	6295	31145	68964	304264	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	8054 4789184	43017	212832	462920	1957185	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	882 392244	3232	12567	37246	148304	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2602 1363980	12300	58201	125101	518762	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	2506 1411353	11685	61137	131734	536826	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	9856 5377904	52225	252379	543773	2233873	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	600 416346	3594	17635	38300	157191	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,4-Dichloro-2-butene	DCB	Ave	456 367235	2850	11242	35644	128553	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	6420 3375608	31280	155214	326733	1347327	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	6650 3908461	34212	173448	368759	1534977	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	6754 3450537	32507	159456	336194	1375884	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	1536 1525568	10466	46918	148323	555740	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	5434 3490893	28995	142533	311773	1336370	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	6334 4037775	33549	174762	379430	1562687	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	3055 2016890	15071	60932	195705	677832	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	QuaF	1163 786311	3179	15834	53482	187461	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	8277 4784214	43181	210078	455675	1909661	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	6040 4200180	33707	174027	384248	1619554	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	4798 2371327	21105	102383	217874	881200	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	5105 2426162	21011	103718	220067	896928	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	3146 2615082	13990	76637	245453	938026	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	5835 3807696	28775	147537	331090	1441695	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	4051 2259922	19691	96421	203560	831745	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	484 282348	2172	11053	23989	101072	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	1745 847955	5497	26172	84257	283872	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	2947 1382105	11504	53818	121108	520738	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1753 750275	6019	29706	64253	284857	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	9150 3568157	27446	137832	313883	1346734	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-37525-1 Analy Batch No.: 104873

SDG No.:

Instrument ID: VOAMS3 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/06/2012 15:38 Calibration End Date: 03/06/2012 20:26 Calibration ID: 14679

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trichlorobenzene	DCB	Ave	2523 1224371	9590	47084	105367	451009	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	179258 174476	172455	173494	174776	171274	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	540347 607187	542691	561355	584668	585789	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	181142 201142	182454	187868	193533	195699	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66259.d
Report Date: 06-Mar-2012 21:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66259.d
Lab Smp Id: IC-VMCAL2
Inj Date : 06-MAR-2012 15:38
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/8260_09.m
Meth Date : 06-Mar-2012 21:08 sylvanus Quant Type: ISTD
Cal Date : 06-MAR-2012 15:38 Cal File: c66259.d
Als bottle: 2 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	10206	5.00000	5.8
3 Chloromethane	50	1.602	1.602	(0.283)	14023	5.00000	5.6
4 Vinyl Chloride	62	1.687	1.687	(0.298)	14363	5.00000	5.6
6 Bromomethane	94	1.967	1.967	(0.348)	4897	5.00000	5.0
5 Chloroethane	64	2.064	2.065	(0.365)	9654	5.00000	5.8
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	15832	5.00000	5.5
8 n-Pentane	72	2.308	2.302	(0.408)	1549	5.00000	4.9(a)
10 Isoprene	67	2.527	2.533	(0.446)	15335	5.00000	5.0
11 Ethyl Ether	59	2.515	2.515	(0.444)	9469	5.00000	5.0
13 Acrolein	56	2.697	2.697	(0.477)	10834	20.0000	19
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	9226	5.00000	5.0
14 Freon TF	101	2.691	2.685	(0.475)	9893	5.00000	5.2
16 Acetone	43	2.831	2.831	(0.500)	13978	15.0000	15
18 Carbon Disulfide	76	2.922	2.922	(0.516)	27436	5.00000	5.0
21 Acetonitrile	39	3.147	3.147	(0.556)	7859	100.000	110
27 Methyl Acetate	43	3.087	3.093	(0.545)	16207	5.00000	5.1

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66259.d
Report Date: 06-Mar-2012 21:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	12321	5.00000	5.0
	24 TBA	59	3.287	3.287	(0.581)	21954	100.000	94
	25 trans-1,2-Dichloroethene	96	3.409	3.415	(0.602)	11066	5.00000	5.1
	26 Acrylonitrile	53	3.506	3.500	(0.620)	12189	10.0000	11
	28 MTBE	73	3.385	3.391	(0.598)	31429	5.00000	5.1
	29 Hexane	56	3.579	3.579	(0.632)	8179	5.00000	5.0
	30 1,1-Dichloroethane	63	3.853	3.859	(0.681)	22014	5.00000	5.0
	31 Vinyl Acetate	43	3.883	3.877	(0.686)	11034	5.00000	3.9
	32 DIPE	45	3.823	3.823	(0.675)	40018	5.00000	5.1
	34 n-Propanol	60	3.956	3.963	(0.699)	18325	2000.00	1800
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	34884	5.00000	5.1
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	14084	5.00000	4.3
	36 cis-1,2-Dichloroethene	96	4.437	4.443	(0.784)	12193	5.00000	4.9
	38 2-Butanone	72	4.474	4.474	(0.790)	4525	15.0000	14
	39 Ethyl Acetate	70	4.474	4.480	(0.790)	2901	10.0000	9.6
	40 Bromochloromethane	128	4.705	4.699	(0.831)	5936	5.00000	5.0
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	4709	5.00000	5.3
	42 Chloroform	83	4.760	4.760	(0.841)	20126	5.00000	5.1
	43 1,1,1-Trichloroethane	97	4.912	4.918	(0.868)	15964	5.00000	4.9
	44 Cyclohexane	56	4.893	4.893	(0.865)	18923	5.00000	5.0
	45 Carbon Tetrachloride	117	5.052	5.052	(0.892)	12896	5.00000	4.8
	46 1,1-Dichloropropene	75	5.088	5.088	(0.899)	14768	5.00000	4.7
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.344	5.344	(0.944)	172455	50.0000	51
	48 Benzene	78	5.319	5.319	(0.617)	46574	5.00000	5.0
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	14072	5.00000	4.9
	51 n-Heptane	57	5.508	5.502	(0.973)	5902	5.00000	4.4(a)
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	27391	5.00000	4.8
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	49750	10.0000	9.8
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	580123	50.0000	
	54 Trichloroethene	95	6.074	6.068	(1.073)	12002	5.00000	5.1
	53 n-Butanol	41	6.049	6.049	(1.069)	35810	1000.00	870
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	16176	5.00000	4.8
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	28280	5.00000	4.9
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	13015	5.00000	4.9
	58 Dibromomethane	93	6.524	6.524	(1.153)	7321	5.00000	5.2
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	2248	100.000	90
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	2768	5.00000	4.6
	75 Propyl Acetate	43	6.542	6.542	(1.156)	30130	10.0000	9.2
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	13888	5.00000	4.8
	62 2-Chloroethyl Vinyl Ether	63	6.992	6.992	(1.235)	5899	5.00000	4.5
	63 Epichlorohydrin	57	7.090	7.090	(0.822)	21715	100.000	97
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	17149	5.00000	4.7
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	30668	15.0000	14
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	542691	50.0000	50
	66 Toluene	91	7.400	7.400	(0.858)	50404	5.00000	5.1
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	14636	5.00000	4.6
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	8569	5.00000	4.9

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66259.d
Report Date: 06-Mar-2012 21:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
71	Tetrachloroethene	166	7.868	7.868	(0.912)	11830	5.00000	4.9
72	1,3-Dichloropropane	76	7.990	7.990	(0.927)	17518	5.00000	4.9
73	2-Hexanone	43	8.032	8.033	(0.932)	20974	15.0000	14
74	Dibromochloromethane	129	8.154	8.154	(0.946)	9932	5.00000	4.8
76	Butyl Acetate	73	8.112	8.112	(0.941)	5191	10.0000	9.2
77	1,2-Dibromoethane	107	8.264	8.264	(0.958)	9672	5.00000	4.8
* 78	Chlorobenzene-d5	117	8.623	8.623	(1.000)	416125	50.0000	
79	Chlorobenzene	112	8.647	8.641	(1.003)	30165	5.00000	4.9
80	1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	9608	5.00000	4.8
81	Ethylbenzene	106	8.702	8.702	(1.009)	14749	5.00000	4.7
82	m+p-Xylene	106	8.799	8.799	(1.020)	37041	10.0000	10
84	o-Xylene	106	9.115	9.115	(1.057)	18023	5.00000	4.8
85	Styrene	104	9.134	9.134	(1.059)	30044	5.00000	4.8
83	Butyl Acrylate	73	9.085	9.085	(1.054)	6054	5.00000	4.2
86	Bromoform	173	9.310	9.310	(1.080)	6295	5.00000	4.7
88	Isopropylbenzene	105	9.383	9.383	(1.088)	43017	5.00000	4.8
$ 89	Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	182454	50.0000	49
90	Camphene (total)	41	9.553	9.559	(1.108)	3232	5.00000	4.6
91	Bromobenzene	156	9.651	9.651	(0.930)	12300	5.00000	4.8
92	1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	11685	5.00000	4.5
93	1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	3594	5.00000	4.8
94	trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	2850	5.00000	4.8
95	n-Propylbenzene	91	9.687	9.693	(0.933)	52225	5.00000	4.9
96	2-Chlorotoluene	91	9.785	9.785	(0.943)	31280	5.00000	4.8
97	1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	34212	5.00000	4.7
98	4-Chlorotoluene	91	9.870	9.870	(0.951)	32507	5.00000	4.8
99	Butyl Methacrylate	87	9.876	9.876	(0.951)	10466	5.00000	4.4
100	tert-Butylbenzene	119	10.052	10.052	(0.968)	28995	5.00000	4.7
101	1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	33549	5.00000	4.6
102	2-Octanone	43	10.174	10.174	(0.980)	15071	5.00000	4.6
103	sec-Butylbenzene	105	10.210	10.210	(0.984)	43181	5.00000	4.8
104	2-Octanol	45	10.198	10.198	(0.982)	3179	5.00000	3.2
105	1,3-Dichlorobenzene	146	10.332	10.326	(0.995)	21105	5.00000	4.7
107	p-Isopropyltoluene	119	10.308	10.308	(0.993)	33707	5.00000	4.6
* 108	1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	214917	50.0000	
109	1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	21011	5.00000	4.6
110	Benzyl Chloride	91	10.496	10.496	(1.011)	13990	5.00000	3.5
106	n-Butylbenzene	91	10.594	10.594	(1.020)	28775	5.00000	4.4
111	1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	19691	5.00000	4.8
112	1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	2172	5.00000	4.4
113	Camphor	95	11.756	11.756	(1.132)	5497	25.0000	19
114	1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	11504	5.00000	4.5
115	Hexachlorobutadiene	225	11.914	11.914	(1.148)	6019	5.00000	4.3
116	Naphthalene	128	12.060	12.066	(1.162)	27446	5.00000	4.0
117	1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	9590	5.00000	4.3
M 120	1,2-Dichloroethene (Total)	100				23259	10.0000	10
M 121	Xylene (Total)	100				55064	15.0000	15

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66259.d
Report Date: 06-Mar-2012 21:08

QC Flag Legend

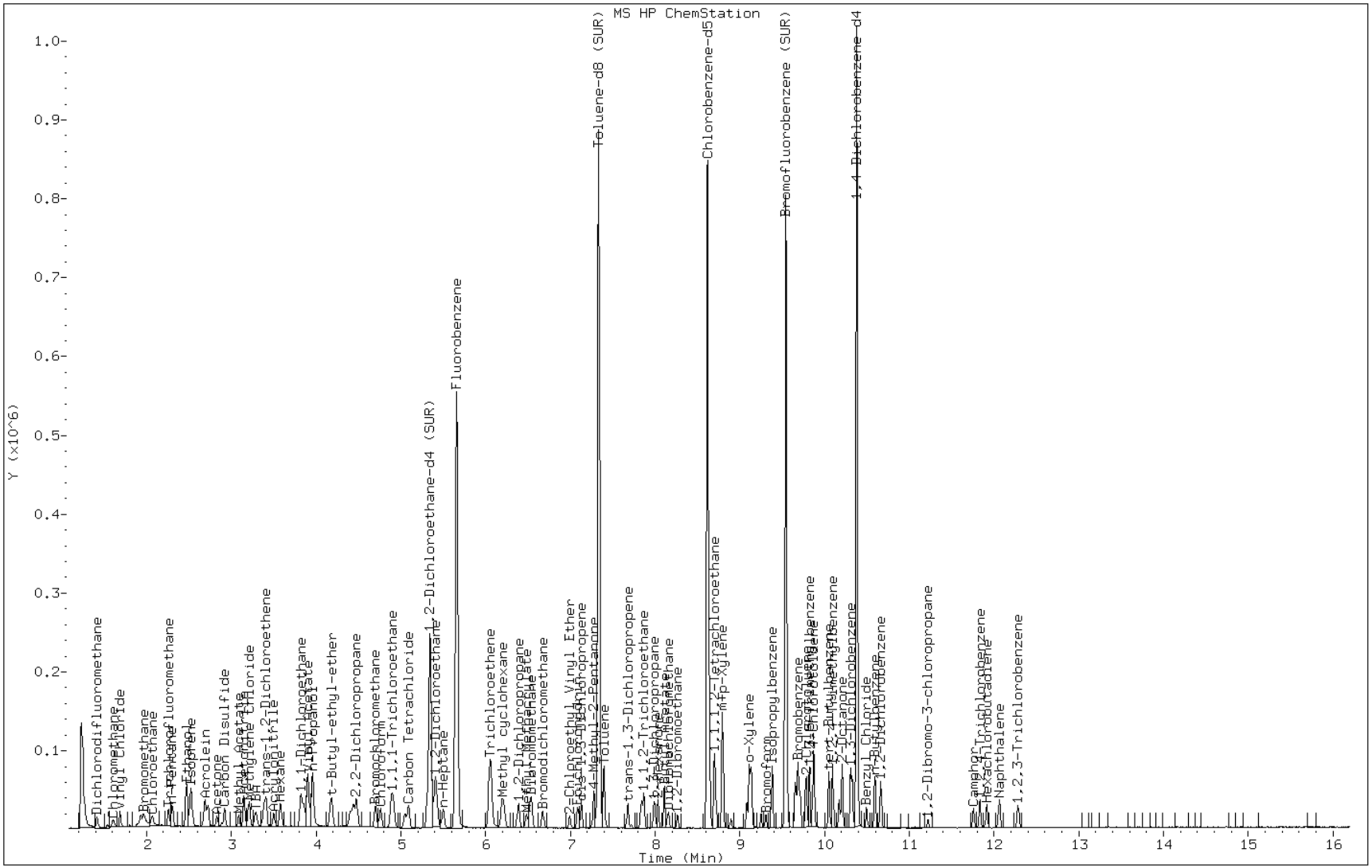
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: c66259.d

Date: 06-MAR-2012 15:38

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL2 Operator: VOA GC/MS3



Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66260.d
Report Date: 06-Mar-2012 21:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66260.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 06-MAR-2012 16:01
Operator : VOA GC/MS Inst ID: VOAMS3.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/8260_09.m
Meth Date : 06-Mar-2012 21:08 sylvanus Quant Type: ISTD
Cal Date : 06-MAR-2012 16:01 Cal File: c66260.d
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	29569	20.0000	16
3 Chloromethane	50	1.602	1.602	(0.283)	40719	20.0000	16
4 Vinyl Chloride	62	1.687	1.687	(0.298)	41923	20.0000	16
6 Bromomethane	94	1.967	1.967	(0.348)	16854	20.0000	17
5 Chloroethane	64	2.065	2.065	(0.365)	28053	20.0000	17
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	48244	20.0000	16
8 n-Pentane	72	2.302	2.302	(0.407)	6588	20.0000	20
10 Isoprene	67	2.533	2.533	(0.448)	59847	20.0000	19
11 Ethyl Ether	59	2.515	2.515	(0.444)	37860	20.0000	19
13 Acrolein	56	2.697	2.697	(0.477)	23695	40.0000	40
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	41813	20.0000	22
14 Freon TF	101	2.685	2.685	(0.474)	37891	20.0000	20
16 Acetone	43	2.831	2.831	(0.500)	16940	20.0000	18
18 Carbon Disulfide	76	2.922	2.922	(0.516)	102475	20.0000	18
21 Acetonitrile	39	3.147	3.147	(0.556)	26386	400.000	350
27 Methyl Acetate	43	3.093	3.093	(0.546)	62474	20.0000	19

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66260.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	55527	20.0000	22
	24 TBA	59	3.287	3.287	(0.581)	89110	400.000	380
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	49390	20.0000	22
	26 Acrylonitrile	53	3.500	3.500	(0.618)	21566	20.0000	19
	28 MTBE	73	3.391	3.391	(0.599)	121732	20.0000	19
	29 Hexane	56	3.579	3.579	(0.632)	31798	20.0000	19
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	102816	20.0000	23
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	63711	20.0000	22
	32 DIPE	45	3.823	3.823	(0.675)	157054	20.0000	20
	34 n-Propanol	60	3.963	3.963	(0.700)	30372	3000.00	3000
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	135477	20.0000	19
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	78084	20.0000	23
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	57692	20.0000	23
	38 2-Butanone	72	4.474	4.474	(0.790)	6790	20.0000	20
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	11318	40.0000	36
	40 Bromochloromethane	128	4.699	4.699	(0.830)	27369	20.0000	22
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	15884	20.0000	17
	42 Chloroform	83	4.760	4.760	(0.841)	93519	20.0000	23
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	73670	20.0000	22
	44 Cyclohexane	56	4.893	4.893	(0.865)	72492	20.0000	18
	45 Carbon Tetrachloride	117	5.052	5.052	(0.892)	61377	20.0000	22
	46 1,1-Dichloropropene	75	5.088	5.088	(0.899)	70749	20.0000	22
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.344	5.344	(0.944)	173494	50.0000	50
	48 Benzene	78	5.319	5.319	(0.617)	222784	20.0000	23
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	64944	20.0000	22
	51 n-Heptane	57	5.502	5.502	(0.972)	26320	20.0000	19
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	110857	20.0000	19
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	195303	40.0000	38
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	593528	50.0000	
	54 Trichloroethene	95	6.068	6.068	(1.072)	52331	20.0000	22
	53 n-Butanol	41	6.049	6.049	(1.069)	57738	1500.00	1400
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	65152	20.0000	19
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	108422	20.0000	18
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	62493	20.0000	23
	58 Dibromomethane	93	6.524	6.524	(1.153)	31597	20.0000	22
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	3651	150.000	140
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	11511	20.0000	18
	75 Propyl Acetate	43	6.542	6.542	(1.156)	122853	40.0000	37
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	66926	20.0000	23
	62 2-Chloroethyl Vinyl Ether	63	6.992	6.992	(1.235)	25358	20.0000	19
	63 Epichlorohydrin	57	7.090	7.090	(0.822)	89964	400.000	390
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	86526	20.0000	23
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	41008	20.0000	18
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	561355	50.0000	50
	66 Toluene	91	7.400	7.400	(0.858)	228456	20.0000	22
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	72175	20.0000	22
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	41736	20.0000	23

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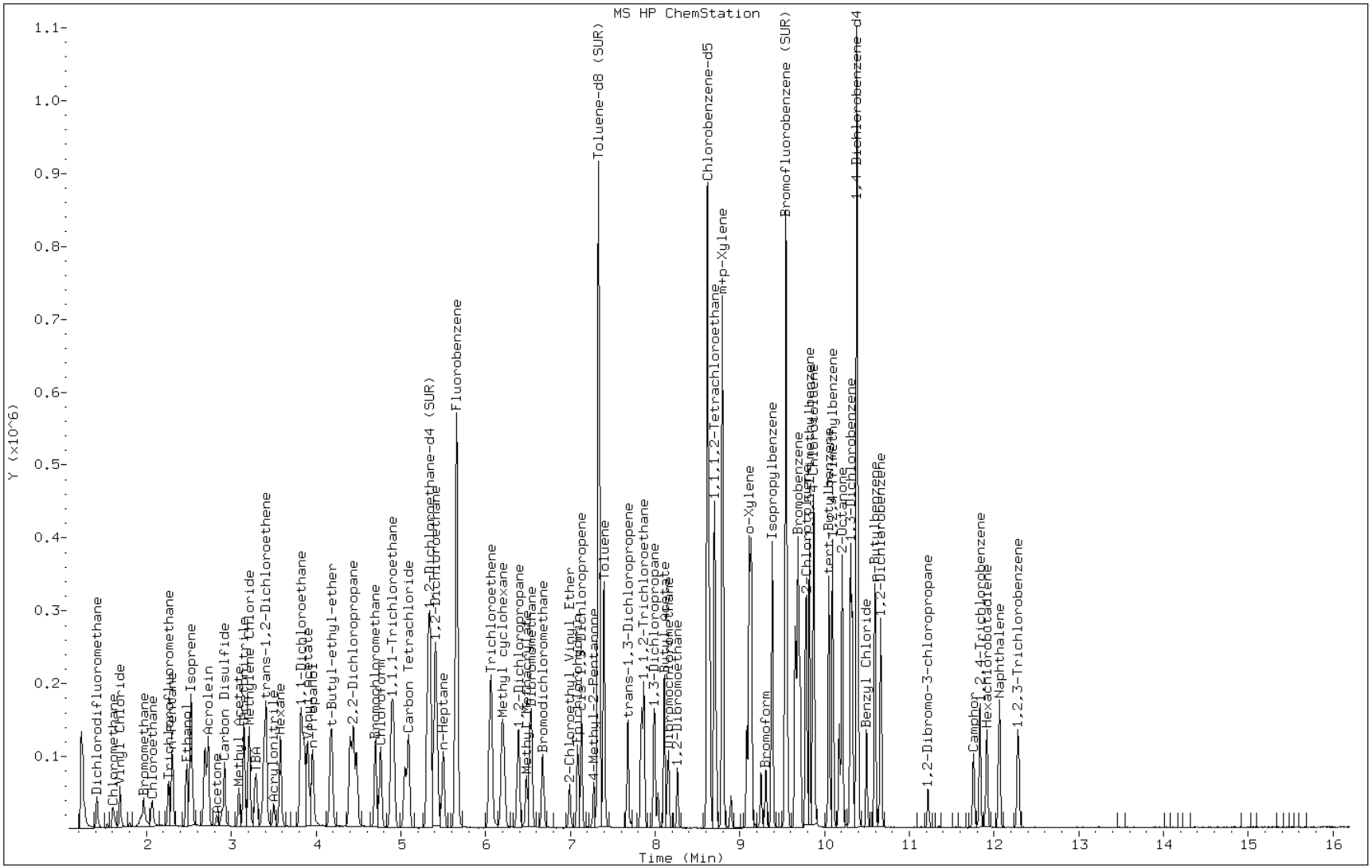
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	56052	20.0000	22
	72 1,3-Dichloropropane	76	7.990	7.990	(0.927)	85922	20.0000	23
	73 2-Hexanone	43	8.033	8.033	(0.932)	28720	20.0000	19
	74 Dibromochloromethane	129	8.154	8.154	(0.946)	48463	20.0000	23
	76 Butyl Acetate	73	8.112	8.112	(0.941)	21007	40.0000	36
	77 1,2-Dibromoethane	107	8.264	8.264	(0.958)	46242	20.0000	22
*	78 Chlorobenzene-d5	117	8.623	8.623	(1.000)	428499	50.0000	
	79 Chlorobenzene	112	8.641	8.641	(1.002)	142554	20.0000	23
	80 1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	47572	20.0000	23
	81 Ethylbenzene	106	8.702	8.702	(1.009)	71789	20.0000	22
	82 m+p-Xylene	106	8.799	8.799	(1.020)	179485	40.0000	47
	84 o-Xylene	106	9.115	9.115	(1.057)	89554	20.0000	23
	85 Styrene	104	9.134	9.134	(1.059)	151896	20.0000	24
	83 Butyl Acrylate	73	9.085	9.085	(1.054)	26661	20.0000	18
	86 Bromoform	173	9.310	9.310	(1.080)	31145	20.0000	22
	88 Isopropylbenzene	105	9.383	9.383	(1.088)	212832	20.0000	23
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	187868	50.0000	50
	90 Camphene (total)	41	9.559	9.559	(1.109)	12567	20.0000	17
	91 Bromobenzene	156	9.651	9.651	(0.930)	58201	20.0000	22
	92 1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	61137	20.0000	23
	93 1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	17635	20.0000	23
	94 trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	11242	20.0000	19
	95 n-Propylbenzene	91	9.693	9.693	(0.934)	252379	20.0000	23
	96 2-Chlorotoluene	91	9.785	9.785	(0.943)	155214	20.0000	23
	97 1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	173448	20.0000	23
	98 4-Chlorotoluene	91	9.870	9.870	(0.951)	159456	20.0000	23
	99 Butyl Methacrylate	87	9.876	9.876	(0.951)	46918	20.0000	19
	100 tert-Butylbenzene	119	10.052	10.052	(0.968)	142533	20.0000	23
	101 1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	174762	20.0000	24
	102 2-Octanone	43	10.174	10.174	(0.980)	60932	20.0000	18
	103 sec-Butylbenzene	105	10.210	10.210	(0.984)	210078	20.0000	23
	104 2-Octanol	45	10.198	10.198	(0.982)	15834	20.0000	16
	105 1,3-Dichlorobenzene	146	10.326	10.326	(0.995)	102383	20.0000	22
	107 p-Isopropyltoluene	119	10.308	10.308	(0.993)	174027	20.0000	23
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	217821	50.0000	
	109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	103718	20.0000	22
	110 Benzyl Chloride	91	10.496	10.496	(1.011)	76637	20.0000	19
	106 n-Butylbenzene	91	10.594	10.594	(1.020)	147537	20.0000	22
	111 1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	96421	20.0000	23
	112 1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	11053	20.0000	22
	113 Camphor	95	11.756	11.756	(1.132)	26172	100.000	89
	114 1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	53818	20.0000	21
	115 Hexachlorobutadiene	225	11.914	11.914	(1.148)	29706	20.0000	21
	116 Naphthalene	128	12.066	12.066	(1.162)	137832	20.0000	20
	117 1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	47084	20.0000	21
M	120 1,2-Dichloroethene (Total)	100				107082	40.0000	45
M	121 Xylene (Total)	100				269039	60.0000	70

Data File: c66260.d

Date: 06-MAR-2012 16:01

Client ID: Instrument: VOAMS3.i

Sample Info: ICIS-VMCAL3 Operator: VOA GC/MS3



Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66261.d
Report Date: 06-Mar-2012 18:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66261.d
Lab Smp Id: IC-VMCAL4
Inj Date : 06-MAR-2012 16:25
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/8260_09.m
Meth Date : 06-Mar-2012 18:15 sylvanus Quant Type: ISTD
Cal Date : 06-MAR-2012 16:25 Cal File: c66261.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	82911	50.0000	47
3 Chloromethane	50	1.602	1.602	(0.283)	113429	50.0000	47
4 Vinyl Chloride	62	1.687	1.687	(0.298)	119916	50.0000	47
6 Bromomethane	94	1.967	1.967	(0.348)	43356	50.0000	46
5 Chloroethane	64	2.064	2.065	(0.365)	77901	50.0000	46
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	136186	50.0000	48
8 n-Pentane	72	2.308	2.302	(0.408)	18062	50.0000	53
10 Isoprene	67	2.533	2.533	(0.448)	166798	50.0000	52
11 Ethyl Ether	59	2.515	2.515	(0.444)	109709	50.0000	54
13 Acrolein	56	2.697	2.697	(0.477)	60823	100.000	100
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	87464	50.0000	45
14 Freon TF	101	2.685	2.685	(0.474)	105923	50.0000	52
16 Acetone	43	2.831	2.831	(0.500)	45322	50.0000	49
18 Carbon Disulfide	76	2.922	2.922	(0.516)	283673	50.0000	51
21 Acetonitrile	39	3.147	3.147	(0.556)	78297	1000.00	1000
27 Methyl Acetate	43	3.093	3.093	(0.546)	177404	50.0000	52

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66261.d
Report Date: 06-Mar-2012 18:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	114968	50.0000	44
	24 TBA	59	3.287	3.287	(0.581)	273633	1000.00	1100
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	102024	50.0000	44
	26 Acrylonitrile	53	3.500	3.500	(0.618)	60828	50.0000	50
	28 MTBE	73	3.385	3.391	(0.598)	353356	50.0000	53
	29 Hexane	56	3.579	3.579	(0.632)	89143	50.0000	52
	30 1,1-Dichloroethane	63	3.853	3.859	(0.681)	214014	50.0000	45
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	171620	50.0000	57
	32 DIPE	45	3.823	3.823	(0.675)	459798	50.0000	54
	34 n-Propanol	60	3.956	3.963	(0.699)	41246	4000.00	4100
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	397058	50.0000	54
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	161314	50.0000	47
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	119067	50.0000	45
	38 2-Butanone	72	4.480	4.474	(0.791)	19438	50.0000	55
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	33677	100.000	110
	40 Bromochloromethane	128	4.699	4.699	(0.830)	56418	50.0000	45
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	47505	50.0000	52
	42 Chloroform	83	4.760	4.760	(0.841)	193066	50.0000	45
	43 1,1,1-Trichloroethane	97	4.912	4.918	(0.868)	153571	50.0000	45
	44 Cyclohexane	56	4.893	4.893	(0.865)	209345	50.0000	53
	45 Carbon Tetrachloride	117	5.051	5.052	(0.892)	127548	50.0000	45
	46 1,1-Dichloropropene	75	5.094	5.088	(0.900)	149422	50.0000	46
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.344	(0.945)	174776	50.0000	49
	48 Benzene	78	5.319	5.319	(0.617)	470315	50.0000	46
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	136075	50.0000	45
	51 n-Heptane	57	5.502	5.502	(0.972)	78694	50.0000	57
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	346118	50.0000	56
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	601497	100.000	110
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	610060	50.0000	
	54 Trichloroethene	95	6.067	6.068	(1.072)	110696	50.0000	45
	53 n-Butanol	41	6.049	6.049	(1.069)	86568	2000.00	2200
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	193931	50.0000	55
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	326505	50.0000	54
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	130472	50.0000	46
	58 Dibromomethane	93	6.524	6.524	(1.153)	67052	50.0000	45
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	5322	200.000	210
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	35768	50.0000	57
	75 Propyl Acetate	43	6.542	6.542	(1.156)	391788	100.000	110
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	140412	50.0000	46
	62 2-Chloroethyl Vinyl Ether	63	6.992	6.992	(1.235)	78694	50.0000	57
	63 Epichlorohydrin	57	7.090	7.090	(0.822)	270861	1000.00	1100
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	186844	50.0000	47
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	128755	50.0000	56
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	584668	50.0000	50
	66 Toluene	91	7.400	7.400	(0.858)	480894	50.0000	45
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	159181	50.0000	48
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	86650	50.0000	45

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66261.d
Report Date: 06-Mar-2012 18:15

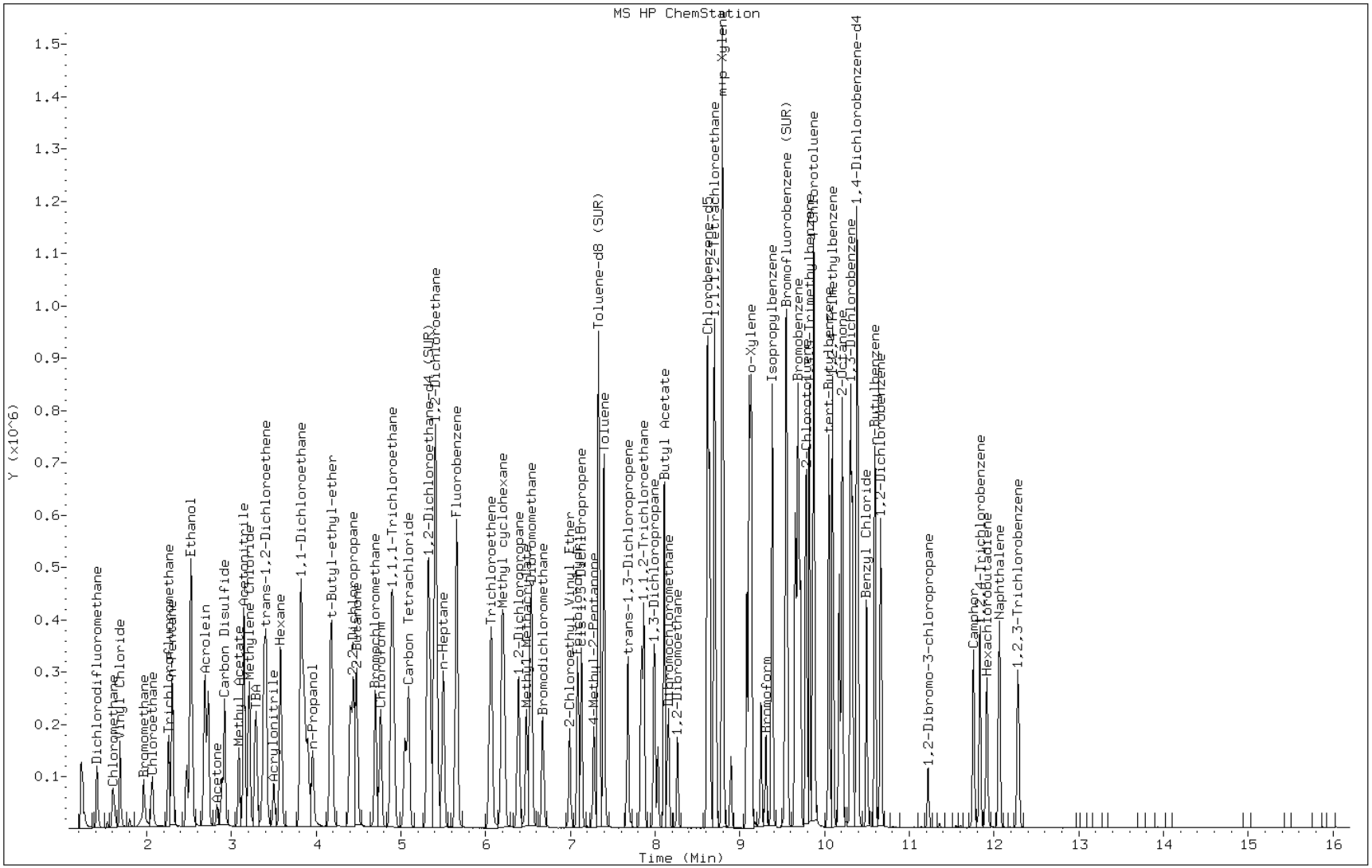
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	71	Tetrachloroethene	166	7.868	7.868	(0.912)	117948	50.0000	45
	72	1,3-Dichloropropane	76	7.990	7.990	(0.927)	180990	50.0000	46
	73	2-Hexanone	43	8.032	8.033	(0.932)	88608	50.0000	56
	74	Dibromochloromethane	129	8.154	8.154	(0.946)	104049	50.0000	46
	76	Butyl Acetate	73	8.112	8.112	(0.941)	69154	100.000	120
	77	1,2-Dibromoethane	107	8.264	8.264	(0.958)	101004	50.0000	47
*	78	Chlorobenzene-d5	117	8.623	8.623	(1.000)	443660	50.0000	
	79	Chlorobenzene	112	8.641	8.641	(1.002)	304582	50.0000	46
	80	1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	102408	50.0000	47
	81	Ethylbenzene	106	8.702	8.702	(1.009)	159638	50.0000	48
	82	m+p-Xylene	106	8.799	8.799	(1.020)	388079	100.000	93
	84	o-Xylene	106	9.115	9.115	(1.057)	193051	50.0000	47
	85	Styrene	104	9.134	9.134	(1.059)	326737	50.0000	47
	83	Butyl Acrylate	73	9.085	9.085	(1.054)	88801	50.0000	60
	86	Bromoform	173	9.310	9.310	(1.080)	68964	50.0000	48
	88	Isopropylbenzene	105	9.383	9.383	(1.088)	462920	50.0000	47
$	89	Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	193533	50.0000	50
	90	Camphene (total)	41	9.559	9.559	(1.109)	37246	50.0000	54
	91	Bromobenzene	156	9.651	9.651	(0.930)	125101	50.0000	46
	92	1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	131734	50.0000	48
	93	1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	38300	50.0000	47
	94	trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	35644	50.0000	56
	95	n-Propylbenzene	91	9.687	9.693	(0.933)	543773	50.0000	47
	96	2-Chlorotoluene	91	9.785	9.785	(0.943)	326733	50.0000	46
	97	1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	368759	50.0000	47
	98	4-Chlorotoluene	91	9.870	9.870	(0.951)	336194	50.0000	46
	99	Butyl Methacrylate	87	9.876	9.876	(0.951)	148323	50.0000	58
	100	tert-Butylbenzene	119	10.052	10.052	(0.968)	311773	50.0000	47
	101	1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	379430	50.0000	48
	102	2-Octanone	43	10.174	10.174	(0.980)	195705	50.0000	57
	103	sec-Butylbenzene	105	10.210	10.210	(0.984)	455675	50.0000	47
	104	2-Octanol	45	10.198	10.198	(0.982)	53482	50.0000	63
	105	1,3-Dichlorobenzene	146	10.326	10.326	(0.995)	217874	50.0000	46
	107	p-Isopropyltoluene	119	10.308	10.308	(0.993)	384248	50.0000	48
*	108	1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	225775	50.0000	
	109	1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	220067	50.0000	46
	110	Benzyl Chloride	91	10.496	10.496	(1.011)	245453	50.0000	62
	106	n-Butylbenzene	91	10.594	10.594	(1.020)	331090	50.0000	49
	111	1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	203560	50.0000	46
	112	1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	23989	50.0000	48
	113	Camphor	95	11.756	11.756	(1.132)	84257	250.000	300
	114	1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	121108	50.0000	48
	115	Hexachlorobutadiene	225	11.914	11.914	(1.148)	64253	50.0000	47
	116	Naphthalene	128	12.066	12.066	(1.162)	313883	50.0000	49
	117	1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	105367	50.0000	48
M	120	1,2-Dichloroethene (Total)	100				221091	100.000	89
M	121	Xylene (Total)	100				581130	150.000	140

Data File: c66261.d

Date: 06-MAR-2012 16:25

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL4 Operator: VOA GC/MS3



Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66262.d
Report Date: 06-Mar-2012 18:15

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66262.d
Lab Smp Id: IC-VMCAL5
Inj Date : 06-MAR-2012 16:47
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/8260_09.m
Meth Date : 06-Mar-2012 18:15 sylvanus Quant Type: ISTD
Cal Date : 06-MAR-2012 16:47 Cal File: c66262.d
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	365206	200.000	210
3 Chloromethane	50	1.602	1.602	(0.283)	469553	200.000	200
4 Vinyl Chloride	62	1.687	1.687	(0.298)	518252	200.000	200
6 Bromomethane	94	1.967	1.967	(0.348)	215254	200.000	220
5 Chloroethane	64	2.064	2.065	(0.365)	334049	200.000	200
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	591239	200.000	210
8 n-Pentane	72	2.308	2.302	(0.408)	68291	200.000	200(A)
10 Isoprene	67	2.533	2.533	(0.448)	620693	200.000	200
11 Ethyl Ether	59	2.515	2.515	(0.444)	382030	200.000	190
13 Acrolein	56	2.697	2.697	(0.477)	111063	200.000	190
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	355751	200.000	190
14 Freon TF	101	2.685	2.685	(0.474)	389431	200.000	190
16 Acetone	43	2.831	2.831	(0.500)	147272	200.000	170
18 Carbon Disulfide	76	2.922	2.922	(0.516)	1009704	200.000	190
21 Acetonitrile	39	3.147	3.147	(0.556)	264826	4000.00	3600
27 Methyl Acetate	43	3.093	3.093	(0.546)	617492	200.000	190

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66262.d
Report Date: 06-Mar-2012 18:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	446055	200.000	180
	24 TBA	59	3.287	3.287	(0.581)	953844	4000.00	4000
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	416419	200.000	190
	26 Acrylonitrile	53	3.500	3.500	(0.618)	109151	100.000	94
	28 MTBE	73	3.385	3.391	(0.598)	1253274	200.000	190
	29 Hexane	56	3.585	3.579	(0.633)	338820	200.000	200
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	837162	200.000	180
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	604126	200.000	200
	32 DIPE	45	3.823	3.823	(0.675)	1591297	200.000	190
	34 n-Propanol	60	3.963	3.963	(0.700)	53821	5000.00	5300
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	1400963	200.000	190
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	649680	200.000	190
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	477331	200.000	190
	38 2-Butanone	72	4.474	4.474	(0.790)	66958	200.000	190
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	118029	400.000	390
	40 Bromochloromethane	128	4.699	4.699	(0.830)	222917	200.000	180
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	165662	200.000	190
	42 Chloroform	83	4.760	4.760	(0.841)	759881	200.000	180
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	633131	200.000	190
	44 Cyclohexane	56	4.893	4.893	(0.865)	813384	200.000	200
	45 Carbon Tetrachloride	117	5.051	5.052	(0.892)	542401	200.000	200
	46 1,1-Dichloropropene	75	5.094	5.088	(0.900)	638483	200.000	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.344	(0.945)	171274	50.0000	49
	48 Benzene	78	5.319	5.319	(0.617)	1870137	200.000	180
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	541331	200.000	190
	51 n-Heptane	57	5.502	5.502	(0.972)	311129	200.000	220
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	1252565	200.000	200
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	2148489	400.000	400
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	603274	50.0000	
	54 Trichloroethene	95	6.067	6.068	(1.072)	456048	200.000	190
	53 n-Butanol	41	6.049	6.049	(1.069)	117787	2500.00	2800(A)
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	749564	200.000	210
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	1227451	200.000	200(A)
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	521078	200.000	190
	58 Dibromomethane	93	6.524	6.524	(1.153)	270251	200.000	190
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	7966	250.000	300(A)
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	134390	200.000	210(A)
	75 Propyl Acetate	43	6.542	6.542	(1.156)	1429404	400.000	420
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	581731	200.000	190
	62 2-Chloroethyl Vinyl Ether	63	6.992	6.992	(1.235)	293437	200.000	210(A)
	63 Epichlorohydrin	57	7.090	7.090	(0.822)	939672	4000.00	3800
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	775506	200.000	200
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	478741	200.000	200
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	585789	50.0000	50
	66 Toluene	91	7.400	7.400	(0.858)	1930434	200.000	180
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	687775	200.000	200
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	356859	200.000	190

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66262.d
Report Date: 06-Mar-2012 18:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	497606	200.000	190
	72 1,3-Dichloropropane	76	7.990	7.990	(0.927)	745290	200.000	190
	73 2-Hexanone	43	8.032	8.033	(0.932)	330427	200.000	200
	74 Dibromochloromethane	129	8.154	8.154	(0.946)	443709	200.000	200
	76 Butyl Acetate	73	8.112	8.112	(0.941)	261044	400.000	420
	77 1,2-Dibromoethane	107	8.264	8.264	(0.958)	418438	200.000	190
*	78 Chlorobenzene-d5	117	8.623	8.623	(1.000)	446716	50.0000	
	79 Chlorobenzene	112	8.641	8.641	(1.002)	1244445	200.000	190
	80 1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	427562	200.000	200
	81 Ethylbenzene	106	8.702	8.702	(1.009)	672522	200.000	200
	82 m+p-Xylene	106	8.799	8.799	(1.020)	1593746	400.000	380
	84 o-Xylene	106	9.115	9.115	(1.057)	795744	200.000	190
	85 Styrene	104	9.134	9.134	(1.059)	1335993	200.000	190
	83 Butyl Acrylate	73	9.085	9.085	(1.054)	337126	200.000	220
	86 Bromoform	173	9.310	9.310	(1.080)	304264	200.000	210
	88 Isopropylbenzene	105	9.383	9.383	(1.088)	1957185	200.000	200
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	195699	50.0000	51
	90 Camphene (total)	41	9.559	9.559	(1.109)	148304	200.000	210
	91 Bromobenzene	156	9.657	9.651	(0.930)	518762	200.000	200
	92 1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	536826	200.000	200
	93 1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	157191	200.000	200
	94 trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	128553	200.000	210
	95 n-Propylbenzene	91	9.693	9.693	(0.934)	2233873	200.000	200
	96 2-Chlorotoluene	91	9.785	9.785	(0.943)	1347327	200.000	200
	97 1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	1534977	200.000	200
	98 4-Chlorotoluene	91	9.870	9.870	(0.951)	1375884	200.000	200
	99 Butyl Methacrylate	87	9.876	9.876	(0.951)	555740	200.000	220
	100 tert-Butylbenzene	119	10.052	10.052	(0.968)	1336370	200.000	210
	101 1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	1562687	200.000	200
	102 2-Octanone	43	10.174	10.174	(0.980)	677832	200.000	200(A)
	103 sec-Butylbenzene	105	10.210	10.210	(0.984)	1909661	200.000	200(A)
	104 2-Octanol	45	10.198	10.198	(0.982)	187461	200.000	220(A)
	105 1,3-Dichlorobenzene	146	10.332	10.326	(0.995)	881200	200.000	190
	107 p-Isopropyltoluene	119	10.308	10.308	(0.993)	1619554	200.000	210
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	220488	50.0000	
	109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	896928	200.000	200
	110 Benzyl Chloride	91	10.496	10.496	(1.011)	938026	200.000	230
	106 n-Butylbenzene	91	10.594	10.594	(1.020)	1441695	200.000	210
	111 1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	831745	200.000	200
	112 1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	101072	200.000	200
	113 Camphor	95	11.756	11.756	(1.132)	283872	1000.00	1000(A)
	114 1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	520738	200.000	210
	115 Hexachlorobutadiene	225	11.914	11.914	(1.148)	284857	200.000	210(A)
	116 Naphthalene	128	12.066	12.066	(1.162)	1346734	200.000	210
	117 1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	451009	200.000	210
M	120 1,2-Dichloroethene (Total)	100				893750	400.000	370
M	121 Xylene (Total)	100				2389490	600.000	580

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66262.d
Report Date: 06-Mar-2012 18:15

QC Flag Legend

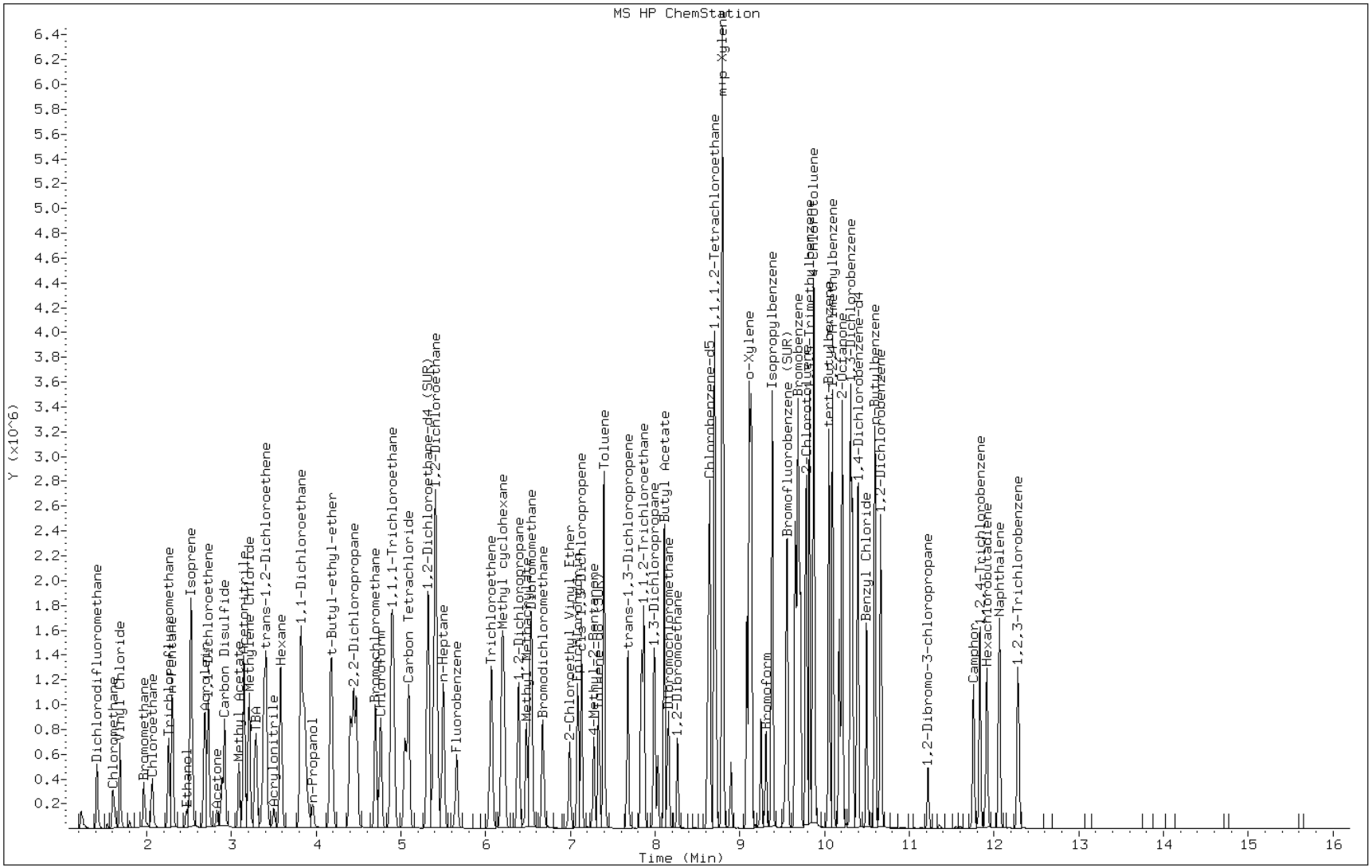
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: c66262.d

Date: 06-MAR-2012 16:47

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL5 Operator: VOA GC/MS3



Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66263.d
Report Date: 06-Mar-2012 18:15

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66263.d
Lab Smp Id: IC-VMCAL6
Inj Date : 06-MAR-2012 17:10
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/8260_09.m
Meth Date : 06-Mar-2012 18:15 sylvanus Quant Type: ISTD
Cal Date : 06-MAR-2012 17:10 Cal File: c66263.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	1050881	500.000	550(A)
3 Chloromethane	50	1.602	1.602	(0.283)	1355653	500.000	530(A)
4 Vinyl Chloride	62	1.687	1.687	(0.298)	1477049	500.000	550(A)
6 Bromomethane	94	1.967	1.967	(0.348)	768694	500.000	690(A)
5 Chloroethane	64	2.064	2.065	(0.365)	983267	500.000	550(A)
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	1707724	500.000	560(A)
8 n-Pentane	72	2.308	2.302	(0.408)	181878	500.000	510(A)
10 Isoprene	67	2.533	2.533	(0.448)	1621538	500.000	490
11 Ethyl Ether	59	2.515	2.515	(0.444)	1017501	500.000	490
13 Acrolein	56	2.697	2.697	(0.477)	228338	400.000	380
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	964937	500.000	490
14 Freon TF	101	2.685	2.685	(0.474)	1020476	500.000	490
16 Acetone	43	2.825	2.831	(0.499)	397264	500.000	450
18 Carbon Disulfide	76	2.922	2.922	(0.516)	2645073	500.000	470
21 Acetonitrile	39	3.147	3.147	(0.556)	698582	10000.0	9300
27 Methyl Acetate	43	3.087	3.093	(0.545)	1641663	500.000	480

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66263.d
Report Date: 06-Mar-2012 18:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	1172715	500.000	460
	24 TBA	59	3.293	3.287	(0.582)	2576819	10000.0	10000(A)
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	1108067	500.000	480
	26 Acrylonitrile	53	3.500	3.500	(0.618)	227097	200.000	190
	28 MTBE	73	3.385	3.391	(0.598)	3285175	500.000	490
	29 Hexane	56	3.585	3.579	(0.633)	878324	500.000	500
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	2187843	500.000	470
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	1552011	500.000	500
	32 DIPE	45	3.823	3.823	(0.675)	4107901	500.000	480
	34 n-Propanol	60	3.963	3.963	(0.700)	70317	6000.00	6500(A)
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	3663921	500.000	480
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	1718126	500.000	490
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	1272383	500.000	480
	38 2-Butanone	72	4.474	4.474	(0.790)	179216	500.000	500
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	321818	1000.00	1000(A)
	40 Bromochloromethane	128	4.699	4.699	(0.830)	583143	500.000	470
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	444565	500.000	480
	42 Chloroform	83	4.766	4.760	(0.842)	2005076	500.000	470
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	1676426	500.000	480
	44 Cyclohexane	56	4.893	4.893	(0.865)	2126215	500.000	510(A)
	45 Carbon Tetrachloride	117	5.052	5.052	(0.892)	1463374	500.000	500(A)
	46 1,1-Dichloropropene	75	5.094	5.088	(0.900)	1712074	500.000	510(A)
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.344	(0.945)	174476	50.0000	48
	48 Benzene	78	5.319	5.319	(0.617)	4793796	500.000	460
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	1415869	500.000	470
	51 n-Heptane	57	5.502	5.502	(0.972)	831572	500.000	550(A)
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	3309494	500.000	510(A)
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	5567996	1000.00	990
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	632284	50.0000	
	54 Trichloroethene	95	6.074	6.068	(1.073)	1224821	500.000	490
	53 n-Butanol	41	6.055	6.049	(1.070)	163976	3000.00	3600(A)
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	1960788	500.000	520(A)
	55 Ethyl Acrylate	55	6.226	6.220	(1.100)	3259669	500.000	510(A)
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	1383541	500.000	480
	58 Dibromomethane	93	6.524	6.524	(1.153)	674859	500.000	450
	60 1,4-Dioxane	88	6.524	6.518	(1.153)	13078	300.000	470(A)
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	369170	500.000	540(A)
	75 Propyl Acetate	43	6.542	6.542	(1.156)	3777732	1000.00	1000(A)
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	1536128	500.000	490
	62 2-Chloroethyl Vinyl Ether	63	6.998	6.992	(1.236)	793425	500.000	540(A)
	63 Epichlorohydrin	57	7.090	7.090	(0.822)	2404783	10000.0	9500
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	2041411	500.000	490
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	1327724	500.000	530(A)
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	607187	50.0000	49
	66 Toluene	91	7.400	7.400	(0.858)	4868577	500.000	450
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	1842073	500.000	510(A)
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	950888	500.000	480

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66263.d
Report Date: 06-Mar-2012 18:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	1323275	500.000	490
	72 1,3-Dichloropropane	76	7.996	7.990	(0.927)	1944265	500.000	480
	73 2-Hexanone	43	8.032	8.033	(0.932)	910733	500.000	530(A)
	74 Dibromochloromethane	129	8.160	8.154	(0.946)	1191762	500.000	500(A)
	76 Butyl Acetate	73	8.112	8.112	(0.941)	713779	1000.00	1100(A)
	77 1,2-Dibromoethane	107	8.264	8.264	(0.958)	1102344	500.000	490
*	78 Chlorobenzene-d5	117	8.623	8.623	(1.000)	469515	50.0000	
	79 Chlorobenzene	112	8.647	8.641	(1.003)	3193456	500.000	470
	80 1,1,1,2-Tetrachloroethane	131	8.720	8.714	(1.011)	1128436	500.000	490
	81 Ethylbenzene	106	8.702	8.702	(1.009)	1774905	500.000	500(A)
	82 m+p-Xylene	106	8.799	8.799	(1.020)	3953593	1000.00	930(A)
	84 o-Xylene	106	9.115	9.115	(1.057)	2027534	500.000	470(A)
	85 Styrene	104	9.140	9.134	(1.060)	3381195	500.000	470
	83 Butyl Acrylate	73	9.085	9.085	(1.054)	914331	500.000	550(A)
	86 Bromoform	173	9.310	9.310	(1.080)	833229	500.000	530(A)
	88 Isopropylbenzene	105	9.383	9.383	(1.088)	4789184	500.000	470
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	201142	50.0000	50
	90 Camphene (total)	41	9.559	9.559	(1.109)	392244	500.000	520(A)
	91 Bromobenzene	156	9.657	9.651	(0.930)	1363980	500.000	490
	92 1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	1411353	500.000	500
	93 1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	416346	500.000	500
	94 trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	367235	500.000	540(A)
	95 n-Propylbenzene	91	9.693	9.693	(0.934)	5377904	500.000	460
	96 2-Chlorotoluene	91	9.785	9.785	(0.943)	3375608	500.000	470
	97 1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	3908461	500.000	480
	98 4-Chlorotoluene	91	9.870	9.870	(0.951)	3450537	500.000	470
	99 Butyl Methacrylate	87	9.876	9.876	(0.951)	1525568	500.000	550(A)
	100 tert-Butylbenzene	119	10.052	10.052	(0.968)	3490893	500.000	500(A)
	101 1,2,4-Trimethylbenzene	105	10.101	10.095	(0.973)	4037775	500.000	490
	102 2-Octanone	43	10.174	10.174	(0.980)	2016890	500.000	550(A)
	103 sec-Butylbenzene	105	10.210	10.210	(0.984)	4784214	500.000	480(A)
	104 2-Octanol	45	10.198	10.198	(0.982)	786311	500.000	750(A)
	105 1,3-Dichlorobenzene	146	10.332	10.326	(0.995)	2371327	500.000	490
	107 p-Isopropyltoluene	119	10.308	10.308	(0.993)	4200180	500.000	500(A)
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	234354	50.0000	
	109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	2426162	500.000	500
	110 Benzyl Chloride	91	10.496	10.496	(1.011)	2615082	500.000	580(A)
	106 n-Butylbenzene	91	10.594	10.594	(1.020)	3807696	500.000	520(A)
	111 1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	2259922	500.000	500
	112 1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	282348	500.000	530(A)
	113 Camphor	95	11.756	11.756	(1.132)	847955	2500.00	2800(A)
	114 1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	1382105	500.000	510(A)
	115 Hexachlorobutadiene	225	11.914	11.914	(1.148)	750275	500.000	520(A)
	116 Naphthalene	128	12.060	12.066	(1.162)	3568157	500.000	520(A)
	117 1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	1224371	500.000	520(A)
M	120 1,2-Dichloroethene (Total)	100				2380450	1000.00	960
M	121 Xylene (Total)	100				5981127	1500.00	1400

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66263.d
Report Date: 06-Mar-2012 18:15

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: c66263.d

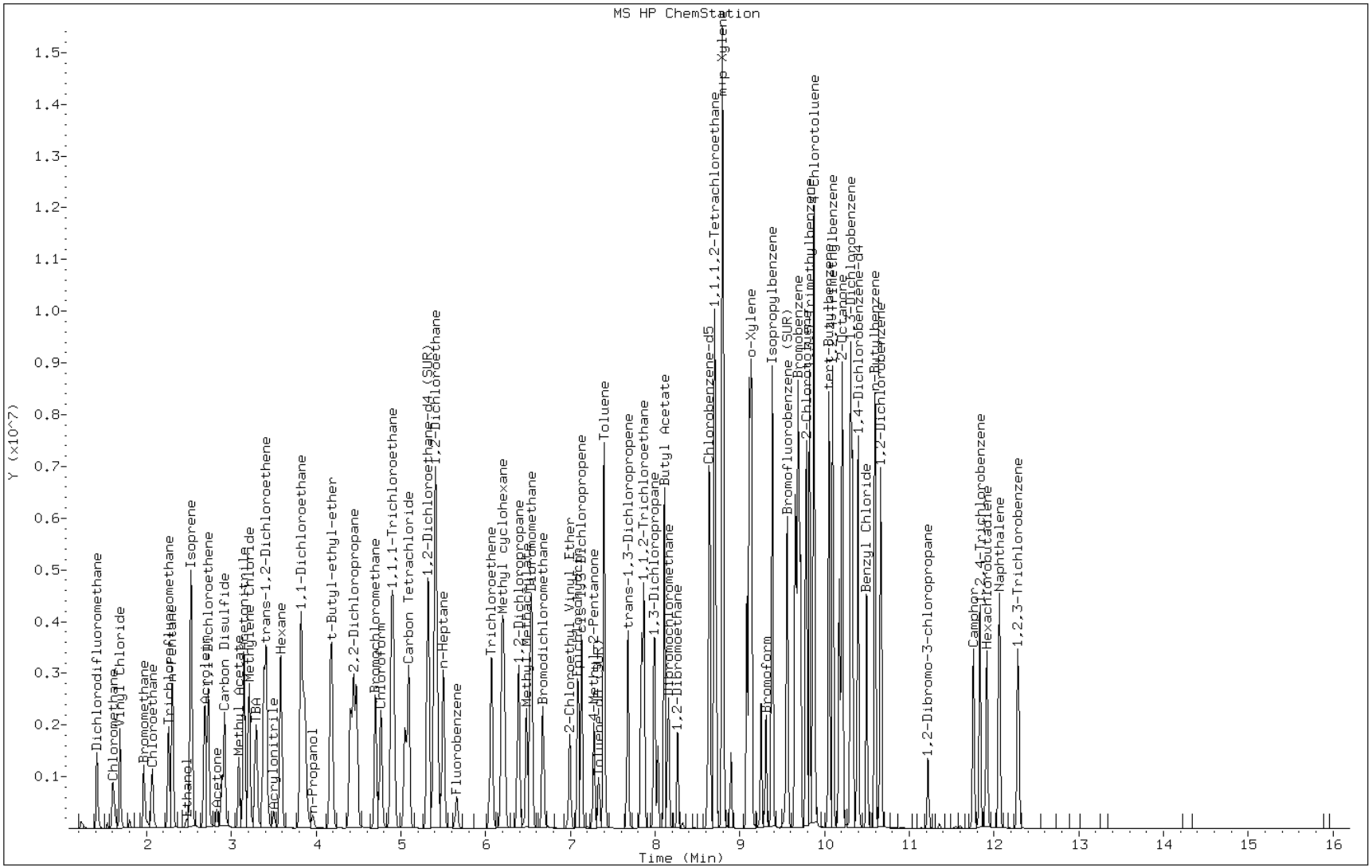
Date: 06-MAR-2012 17:10

Client ID:

Instrument: VOAMS3.i

Sample Info: IC-VMCAL6

Operator: VOA GC/MS3



Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66270.d
Report Date: 07-Mar-2012 12:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66270.d
Lab Smp Id: IC-VMCAL1
Inj Date : 06-MAR-2012 20:26
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/8260_09.m
Meth Date : 07-Mar-2012 12:06 vibha Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	1891	1.00000	1.0
3 Chloromethane	50	1.602	1.602	(0.283)	3218	1.00000	1.3
4 Vinyl Chloride	62	1.687	1.687	(0.298)	2963	1.00000	1.1
6 Bromomethane	94	1.961	1.967	(0.346)	766	1.00000	0.86(a)
5 Chloroethane	64	2.058	2.065	(0.364)	1731	1.00000	1.0
7 Trichlorofluoromethane	101	2.253	2.259	(0.398)	3052	1.00000	1.1
8 n-Pentane	72	2.296	2.302	(0.406)	274	1.00000	0.85(a)
10 Isoprene	67	2.527	2.533	(0.446)	3276	1.00000	1.1
11 Ethyl Ether	59	2.515	2.515	(0.444)	1930	1.00000	1.0
13 Acrolein	56	2.691	2.697	(0.475)	2932	4.00000	5.0
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	2038	1.00000	1.1
14 Freon TF	101	2.685	2.685	(0.474)	1786	1.00000	0.94(a)
16 Acetone	43	2.831	2.831	(0.500)	7583	5.00000	10
18 Carbon Disulfide	76	2.922	2.922	(0.516)	7509	1.00000	1.5
21 Acetonitrile	39	3.153	3.147	(0.557)	1978	20.0000	30
27 Methyl Acetate	43	3.093	3.093	(0.546)	3585	1.00000	1.1

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66270.d
Report Date: 07-Mar-2012 12:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	3195	1.00000	1.5
	24 TBA	59	3.293	3.287	(0.582)	4646	20.0000	20
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	2490	1.00000	1.1
	26 Acrylonitrile	53	3.500	3.500	(0.618)	2251	2.00000	2.0
	28 MTBE	73	3.385	3.391	(0.598)	6045	1.00000	0.97(a)
	29 Hexane	56	3.579	3.579	(0.632)	1613	1.00000	0.99(a)
	30 1,1-Dichloroethane	63	3.853	3.859	(0.681)	4830	1.00000	1.1
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	2688	1.00000	0.94(a)
	32 DIPE	45	3.817	3.823	(0.674)	7636	1.00000	0.96(a)
	34 n-Propanol	60	3.963	3.963	(0.700)	9879	1000.00	980(a)
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	6661	1.00000	0.96(a)
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	3771	1.00000	1.1
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	2712	1.00000	1.1
	38 2-Butanone	72	4.474	4.474	(0.790)	1773	5.00000	5.2
	39 Ethyl Acetate	70	4.474	4.480	(0.790)	708	2.00000	2.3
	40 Bromochloromethane	128	4.699	4.699	(0.830)	1438	1.00000	1.2
	41 Tetrahydrofuran	42	4.699	4.705	(0.830)	1136	1.00000	1.3
	42 Chloroform	83	4.760	4.760	(0.841)	4238	1.00000	1.0
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	3589	1.00000	1.1
	44 Cyclohexane	56	4.893	4.893	(0.865)	3779	1.00000	0.98(a)
	45 Carbon Tetrachloride	117	5.058	5.052	(0.894)	2757	1.00000	1.0
	46 1,1-Dichloropropene	75	5.088	5.088	(0.899)	3297	1.00000	1.0
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.344	5.344	(0.944)	179258	50.0000	53
	48 Benzene	78	5.319	5.319	(0.617)	10116	1.00000	1.1
	49 1,2-Dichloroethane	62	5.429	5.435	(0.959)	3329	1.00000	1.2
	51 n-Heptane	57	5.496	5.502	(0.971)	1343	1.00000	0.96(aM)
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	4990	1.00000	0.86(a)
	61 Isopropyl Acetate	43	5.410	5.404	(0.956)	9235	2.00000	1.8(a)
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	585247	50.0000	
	54 Trichloroethene	95	6.068	6.068	(1.072)	2594	1.00000	1.1
	53 n-Butanol	41	6.055	6.049	(1.070)	19123	500.000	460(a)
	56 Methyl cyclohexane	83	6.207	6.201	(1.097)	2969	1.00000	0.87(a)
	55 Ethyl Acrylate	55	6.214	6.220	(1.098)	5331	1.00000	0.92(a)
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	2849	1.00000	1.0(T)
	58 Dibromomethane	93	6.518	6.524	(1.152)	1632	1.00000	1.2
	60 1,4-Dioxane	88	6.524	6.518	(1.153)	1132	50.0000	45(a)
	59 Methyl Methacrylate	100	6.487	6.481	(1.146)	525	1.00000	0.86(a)
	75 Propyl Acetate	43	6.542	6.542	(1.156)	5872	2.00000	1.8(a)
	68 Bromodichloromethane	83	6.676	6.676	(1.179)	2945	1.00000	1.0
	62 2-Chloroethyl Vinyl Ether	63	6.992	6.992	(1.235)	1021	1.00000	0.78(a)
	63 Epichlorohydrin	57	7.090	7.090	(0.823)	4378	20.0000	20
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.828)	3564	1.00000	0.98(a)
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.845)	10002	5.00000	4.6
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.851)	540347	50.0000	50
	66 Toluene	91	7.400	7.400	(0.859)	11611	1.00000	1.2
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	3027	1.00000	0.96(a)
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.910)	1707	1.00000	0.98(a)

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66270.d
Report Date: 07-Mar-2012 12:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	71 Tetrachloroethene	166	7.868	7.868	(0.913)	2568	1.00000	1.1
	72 1,3-Dichloropropane	76	7.990	7.990	(0.927)	3499	1.00000	0.98(a)
	73 2-Hexanone	43	8.039	8.033	(0.933)	6738	5.00000	4.5(a)
	74 Dibromochloromethane	129	8.160	8.154	(0.947)	1959	1.00000	0.95(a)
	76 Butyl Acetate	73	8.112	8.112	(0.941)	891	2.00000	1.6
	77 1,2-Dibromoethane	107	8.264	8.264	(0.959)	2073	1.00000	1.0
*	78 Chlorobenzene-d5	117	8.617	8.623	(1.000)	414630	50.0000	
	79 Chlorobenzene	112	8.641	8.641	(1.003)	6436	1.00000	1.0
	80 1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	1943	1.00000	0.97(a)
	81 Ethylbenzene	106	8.702	8.702	(1.010)	2972	1.00000	0.96(a)
	82 m+p-Xylene	106	8.799	8.799	(1.021)	6784	2.00000	1.8(a)
	84 o-Xylene	106	9.115	9.115	(1.058)	3405	1.00000	0.92(a)
	85 Styrene	104	9.140	9.134	(1.061)	5657	1.00000	0.91(a)
	83 Butyl Acrylate	73	9.079	9.085	(1.054)	1260	1.00000	0.88(a)
	86 Bromoform	173	9.304	9.310	(1.080)	1121	1.00000	0.84(a)
	88 Isopropylbenzene	105	9.383	9.383	(1.089)	8054	1.00000	0.91(a)
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	181142	50.0000	49
	90 Camphene (total)	41	9.553	9.559	(1.109)	882	1.00000	1.2
	91 Bromobenzene	156	9.651	9.651	(0.930)	2602	1.00000	1.0
	92 1,1,2,2-Tetrachloroethane	83	9.663	9.669	(0.931)	2506	1.00000	0.97(a)
	93 1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	600	1.00000	0.82(a)
	94 trans-1,4-Dichloro-2-butene	53	9.724	9.718	(0.937)	456	1.00000	0.78(a)
	95 n-Propylbenzene	91	9.687	9.693	(0.933)	9856	1.00000	0.93(a)
	96 2-Chlorotoluene	91	9.785	9.785	(0.943)	6420	1.00000	0.99(a)
	97 1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	6650	1.00000	0.92(a)
	98 4-Chlorotoluene	91	9.870	9.870	(0.951)	6754	1.00000	1.0
	99 Butyl Methacrylate	87	9.882	9.876	(0.952)	1536	1.00000	0.56(a)
	100 tert-Butylbenzene	119	10.052	10.052	(0.968)	5434	1.00000	0.88(a)
	101 1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	6334	1.00000	0.87(a)
	102 2-Octanone	43	10.174	10.174	(0.980)	3055	1.00000	0.93(a)
	103 sec-Butylbenzene	105	10.210	10.210	(0.984)	8277	1.00000	0.93(a)
	104 2-Octanol	45	10.204	10.198	(0.983)	1163	1.00000	1.4
	105 1,3-Dichlorobenzene	146	10.326	10.326	(0.995)	4798	1.00000	1.1
	107 p-Isopropyltoluene	119	10.308	10.308	(0.993)	6040	1.00000	0.82(a)
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	212807	50.0000	
	109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	5105	1.00000	1.1
	110 Benzyl Chloride	91	10.502	10.496	(1.012)	3146	1.00000	0.80(a)
	106 n-Butylbenzene	91	10.594	10.594	(1.020)	5835	1.00000	0.90(a)
	111 1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	4051	1.00000	0.99(a)
	112 1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	484	1.00000	1.00
	113 Camphor	95	11.756	11.756	(1.132)	1745	5.00000	5.7
	114 1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	2947	1.00000	1.2
	115 Hexachlorobutadiene	225	11.914	11.914	(1.148)	1753	1.00000	1.3
	116 Naphthalene	128	12.060	12.066	(1.162)	9150	1.00000	1.4
	117 1,2,3-Trichlorobenzene	180	12.279	12.285	(1.183)	2523	1.00000	1.2
M	120 1,2-Dichloroethene (Total)	100				5202	2.00000	2.2
M	121 Xylene (Total)	100				10189	3.00000	2.7(a)

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66270.d
Report Date: 07-Mar-2012 12:06

QC Flag Legend

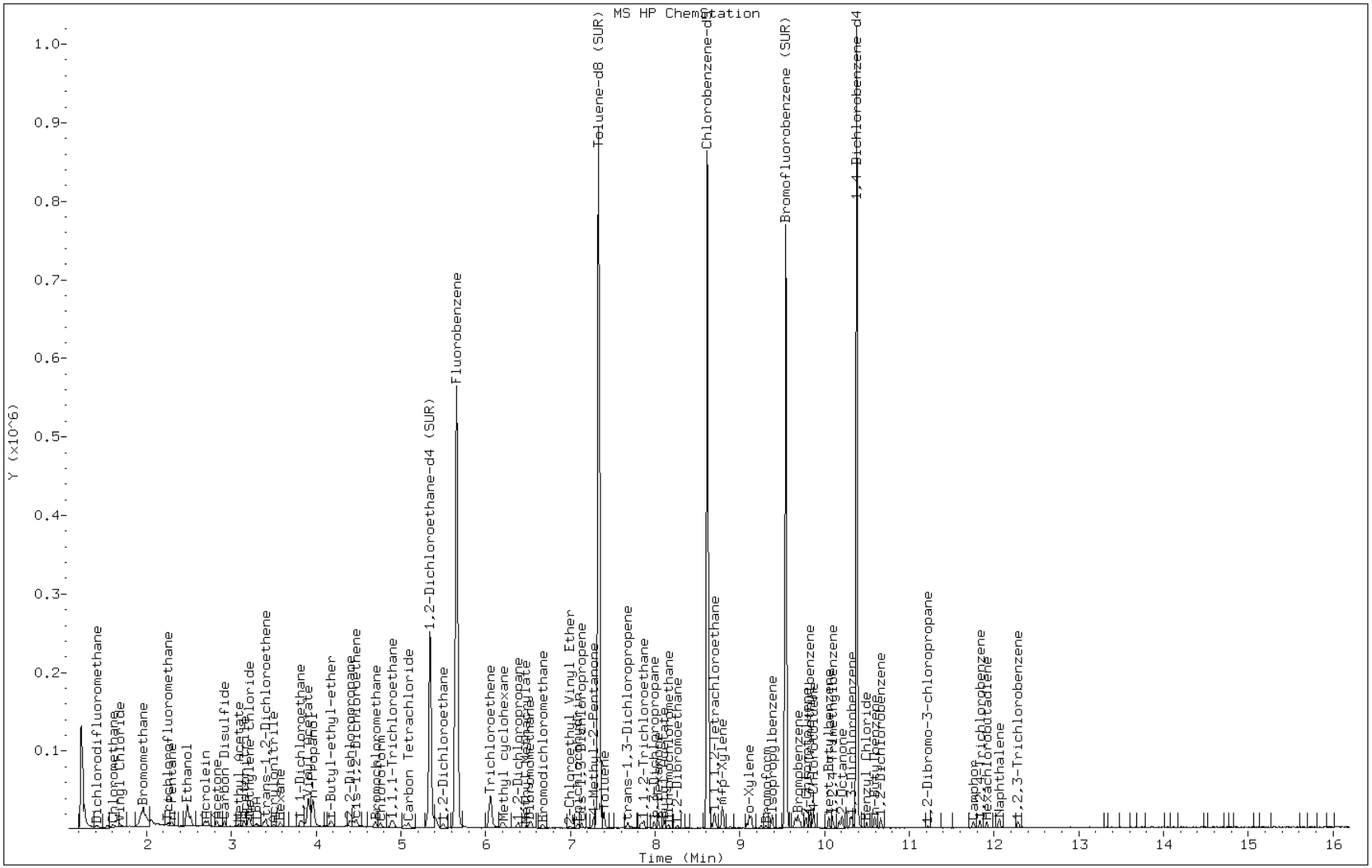
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: c66270.d

Date: 06-MAR-2012 20:26

Client ID: Instrument: VOAMS3.i

Sample Info: IC-VMCAL1 Operator: VOA GC/MS3



Manual Integration Report

Data File: c66270.d
Inj. Date and Time: 06-MAR-2012 20:26
Instrument ID: VOAMS3.i
Client ID:
Compound: 51 n-Heptane
CAS #: 142-82-5
Report Date: 03/07/2012

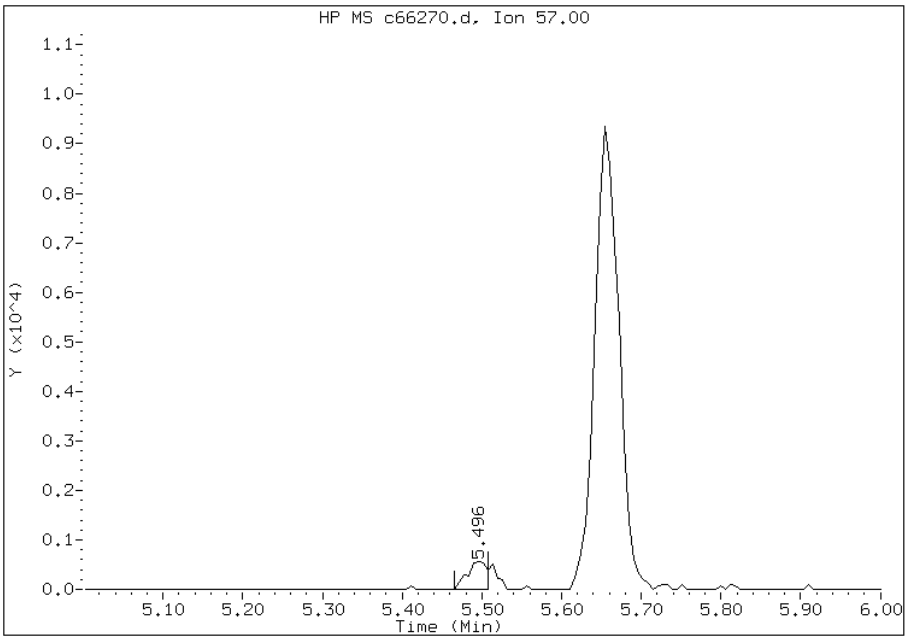
Processing Integration Results

RT: 5.50

Response: 987

Amount: 1

Conc: 1



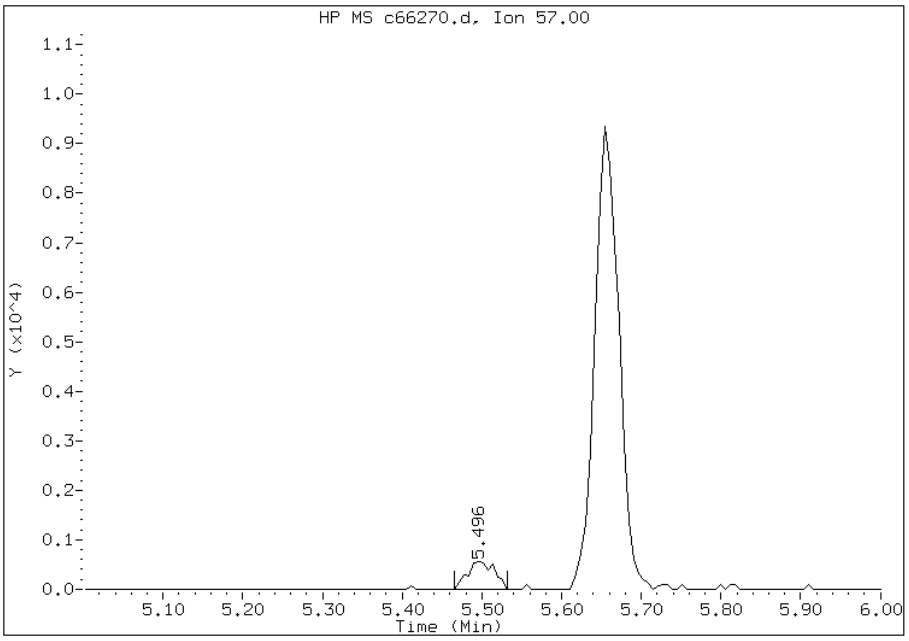
Manual Integration Results

RT: 5.50

Response: 1343

Amount: 1

Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab Sample ID: CCVIS 460-105030/2 Calibration Date: 03/08/2012 08:35

Instrument ID: VOAMS3 Calib Start Date: 03/06/2012 15:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/06/2012 20:26

Lab File ID: c66357.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1526	0.1619		21.2	20.0	6.1	50.0
Chloromethane	LinF	0.2138	0.2337	0.1000	22.1	20.0	10.4	50.0
Vinyl chloride	Ave	0.2204	0.2445		22.2	20.0	10.9	20.0
Bromomethane	Ave	0.0762	0.0737		19.3	20.0	-3.4	50.0
Chloroethane	Ave	0.1423	0.1674		23.5	20.0	17.6	50.0
Trichlorofluoromethane	Ave	0.2459	0.2754		22.4	20.0	12.0	50.0
n-Pentane	Ave	0.0274	0.0260		18.9	20.0	-5.3	50.0
Ethyl ether	Ave	0.1644	0.1723		21.0	20.0	4.8	50.0
Isopropene	Ave	0.2639	0.2568		19.5	20.0	-2.7	50.0
Freon TF	Ave	0.1632	0.1560		19.1	20.0	-4.4	50.0
Acrolein	Ave	0.0500	0.0468		37.4	40.0	-6.4	99.0
1,1-Dichloroethene	Ave	0.1588	0.1678		21.1	20.0	5.7	20.0
Acetone	LinF	0.0799	0.0711		22.6	20.0	13.2	50.0
Carbon disulfide	LinF	0.4746	0.4545		21.7	20.0	8.5	50.0
Methyl acetate	Ave	0.2759	0.2785		20.2	20.0	0.9	50.0
Acetonitrile	LinF	0.0064	0.0057		410	400	2.4	50.0
Methylene Chloride	LinF	0.2130	0.2118		22.8	20.0	14.2	50.0
TBA	Ave	0.0200	0.0167		334	400	-16.5	50.0
MTBE	Ave	0.5315	0.5348		20.1	20.0	0.6	50.0
trans-1,2-Dichloroethene	Ave	0.1878	0.1935		20.6	20.0	3.0	50.0
Acrylonitrile	Ave	0.0953	0.0909		19.1	20.0	-4.6	50.0
Hexane	Ave	0.1397	0.1245		17.8	20.0	-10.9	50.0
DIPE	Ave	0.6778	0.7004		20.7	20.0	3.3	50.0
1,1-Dichloroethane	Ave	0.3782	0.3997	0.1000	21.1	20.0	5.7	50.0
Vinyl acetate	Ave	0.2442	0.2402		19.7	20.0	-1.6	50.0
Tert-butyl ethyl ether	Ave	0.5920	0.5954	0.0100	20.1	20.0	0.6	50.0
2,2-Dichloropropane	Ave	0.2832	0.3066		21.7	20.0	8.3	50.0
cis-1,2-Dichloroethene	Ave	0.2132	0.2330		21.9	20.0	9.3	50.0
2-Butanone	Ave	0.0288	0.0274		19.0	20.0	-4.9	50.0
Ethyl acetate	Ave	0.0261	0.0240		36.8	40.0	-8.0	50.0
Bromochloromethane	Ave	0.1029	0.1074		20.9	20.0	4.4	50.0
Tetrahydrofuran	Ave	0.0770	0.0670		17.4	20.0	-13.0	50.0
Chloroform	Ave	0.3419	0.3572		20.9	20.0	4.5	20.0
Cyclohexane	Ave	0.3285	0.3013		18.3	20.0	-8.3	50.0
1,1,1-Trichloroethane	Ave	0.2786	0.2961		21.3	20.0	6.3	50.0
Carbon tetrachloride	Ave	0.2303	0.2362		20.5	20.0	2.6	50.0
1,1-Dichloropropene	Ave	0.2691	0.2745		20.4	20.0	2.0	50.0
Benzene	Ave	1.128	1.190		21.1	20.0	5.5	50.0
Isopropyl acetate	Ave	0.4355	0.4371		40.1	40.0	0.4	50.0
Tert-amyl methyl ether	Ave	0.4959	0.5000		20.2	20.0	0.8	50.0
1,2-Dichloroethane	Ave	0.2453	0.2498		20.4	20.0	1.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab Sample ID: CCVIS 460-105030/2 Calibration Date: 03/08/2012 08:35

Instrument ID: VOAMS3 Calib Start Date: 03/06/2012 15:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/06/2012 20:26

Lab File ID: c66357.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Heptane	Ave	0.1195	0.1072		17.9	20.0	-10.3	50.0
n-Butanol	Ave	0.0036	0.0027		1130	1500	-24.6	50.0
Trichloroethene	Ave	0.2022	0.2098		20.8	20.0	3.8	50.0
Methylcyclohexane	Ave	0.2909	0.2618		18.0	20.0	-10.0	50.0
Ethyl acrylate	Ave	0.4932	0.4582		18.6	20.0	-7.1	50.0
1,2-Dichloropropane	Ave	0.2299	0.2303		20.0	20.0	0.2	20.0
Methyl methacrylate	Ave	0.0523	0.0507		19.4	20.0	-3.2	50.0
1,4-Dioxane	Ave	0.0021	0.0014		99.4	150	-33.7	50.0
Dibromomethane	Ave	0.1212	0.1206		19.9	20.0	-0.5	50.0
Propyl acetate	Ave	0.2809	0.2727		38.8	40.0	-2.9	50.0
Bromodichloromethane	Ave	0.2478	0.2583		20.8	20.0	4.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1120	0.1061		18.9	20.0	-5.3	50.0
Epichlorohydrin	Ave	0.0269	0.0272		404	400	1.1	50.0
cis-1,3-Dichloropropene	Ave	0.4394	0.4511		20.5	20.0	2.7	50.0
4-Methyl-2-pentanone	Ave	0.2612	0.2573		19.7	20.0	-1.5	50.0
Toluene	Ave	1.191	1.235		20.7	20.0	3.7	20.0
trans-1,3-Dichloropropene	Ave	0.3790	0.3824		20.2	20.0	0.9	50.0
1,1,2-Trichloroethane	Ave	0.2088	0.2134		20.4	20.0	2.2	50.0
Tetrachloroethene	Ave	0.2912	0.2898		19.9	20.0	-0.5	50.0
1,3-Dichloropropane	Ave	0.4306	0.4459		20.7	20.0	3.6	50.0
2-Hexanone	Ave	0.1794	0.1695		18.9	20.0	-5.6	50.0
Butyl acetate	Ave	0.0674	0.0660		39.1	40.0	-2.1	50.0
Dibromochloromethane	Ave	0.2491	0.2491		20.0	20.0	0.0	50.0
1,2-Dibromoethane	Ave	0.2415	0.2443		20.2	20.0	1.2	50.0
Chlorobenzene	Ave	0.7326	0.7552	0.3000	20.6	20.0	3.1	50.0
Ethylbenzene	Ave	0.3743	0.3973		21.2	20.0	6.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2422	0.2509		20.7	20.0	3.6	50.0
m&p-Xylene	Ave	0.4470	0.4847		43.4	40.0	8.4	50.0
Butyl acrylate	Ave	0.1728	0.1784		20.6	20.0	3.2	50.0
o-Xylene	Ave	0.4464	0.4764		21.3	20.0	6.7	50.0
Styrene	Ave	0.7491	0.8215		21.9	20.0	9.7	50.0
Bromoform	Ave	0.1619	0.1648	0.1000	20.4	20.0	1.8	50.0
Isopropylbenzene	Ave	1.068	1.120		21.0	20.0	4.9	50.0
Camphene, Total	Ave	0.0846	0.0777		18.4	20.0	-8.2	50.0
Monobromobenzene	Ave	0.5960	0.6008		20.2	20.0	0.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6048	0.6056	0.3000	20.0	20.0	0.1	50.0
N-Propylbenzene	Ave	2.480	2.584		20.8	20.0	4.2	50.0
1,2,3-Trichloropropane	Ave	0.1727	0.1710		19.8	20.0	-1.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1382	0.1285		18.6	20.0	-7.0	50.0
2-Chlorotoluene	Ave	1.527	1.577		20.7	20.0	3.3	50.0
1,3,5-Trimethylbenzene	Ave	1.698	1.760		20.7	20.0	3.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab Sample ID: CCVIS 460-105030/2 Calibration Date: 03/08/2012 08:35

Instrument ID: VOAMS3 Calib Start Date: 03/06/2012 15:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/06/2012 20:26

Lab File ID: c66357.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	1.575	1.664		21.1	20.0	5.6	50.0
Butyl Methacrylate	LinF	0.5541	0.5821		18.0	20.0	-10.2	50.0
tert-Butylbenzene	Ave	1.441	1.453		20.2	20.0	0.8	50.0
1,2,4-Trimethylbenzene	Ave	1.705	1.829		21.5	20.0	7.3	50.0
2-Octanone	Ave	0.7691	0.8199		21.3	20.0	6.6	50.0
2-Octanol	QuaF	0.2313	0.2363		24.2	20.0	21.2	50.0
sec-Butylbenzene	Ave	2.098	2.161		20.6	20.0	3.0	50.0
p-Isopropyltoluene	Ave	1.719	1.771		20.6	20.0	3.0	50.0
1,3-Dichlorobenzene	Ave	1.043	1.046		20.0	20.0	0.2	50.0
1,4-Dichlorobenzene	Ave	1.066	1.058		19.8	20.0	-0.8	50.0
Benzyl chloride	LinF	0.9227	0.9205		16.6	20.0	-17.0	50.0
n-Butylbenzene	Ave	1.522	1.480		19.5	20.0	-2.7	50.0
1,2-Dichlorobenzene	Ave	0.9639	0.9709		20.1	20.0	0.7	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1138	0.1108		19.5	20.0	-2.7	50.0
Camphor	LinF	0.0674	0.0599		83.9	100	-16.1	50.0
1,2,4-Trichlorobenzene	Ave	0.5937	0.5348		18.0	20.0	-9.9	50.0
Hexachlorobutadiene	Ave	0.3268	0.2829		17.3	20.0	-13.4	50.0
Naphthalene	LinF	1.575	1.321		17.4	20.0	-13.2	50.0
1,2,3-Trichlorobenzene	Ave	0.5133	0.4500		17.5	20.0	-12.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2904	0.3017		52.0	50.0	3.9	50.0
Toluene-d8 (Surr)	Ave	1.307	1.332		51.0	50.0	1.9	50.0
Bromofluorobenzene	Ave	0.8609	0.8549		49.7	50.0	-0.7	50.0

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66357.d
Report Date: 08-Mar-2012 08:56

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66357.d
Lab Smp Id: CCVIS
Inj Date : 08-MAR-2012 08:35
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.413	1.413	(0.250)	40565	20.0000	21
3 Chloromethane	50	1.602	1.602	(0.283)	58563	20.0000	22
4 Vinyl Chloride	62	1.687	1.687	(0.298)	61268	20.0000	22
6 Bromomethane	94	1.979	1.979	(0.350)	18458	20.0000	19
5 Chloroethane	64	2.070	2.070	(0.366)	41942	20.0000	24
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	69025	20.0000	22
8 n-Pentane	72	2.308	2.308	(0.408)	6506	20.0000	19
10 Isoprene	67	2.533	2.533	(0.448)	64360	20.0000	19
11 Ethyl Ether	59	2.515	2.515	(0.444)	43175	20.0000	21
13 Acrolein	56	2.697	2.697	(0.477)	23464	40.0000	37
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	42044	20.0000	21
14 Freon TF	101	2.691	2.691	(0.475)	39095	20.0000	19
16 Acetone	43	2.831	2.831	(0.500)	17805	20.0000	23
18 Carbon Disulfide	76	2.922	2.922	(0.516)	113899	20.0000	22
21 Acetonitrile	39	3.147	3.147	(0.556)	28381	400.000	410
27 Methyl Acetate	43	3.093	3.093	(0.546)	69784	20.0000	20

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66357.d
Report Date: 08-Mar-2012 08:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.214	3.214	(0.568)	53082	20.0000	23
	24 TBA	59	3.287	3.287	(0.581)	83785	400.000	330
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	48484	20.0000	21
	26 Acrylonitrile	53	3.506	3.506	(0.619)	22789	20.0000	19
	28 MTBE	73	3.391	3.391	(0.599)	134011	20.0000	20
	29 Hexane	56	3.585	3.585	(0.633)	31205	20.0000	18
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	100163	20.0000	21
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	60201	20.0000	20
	32 DIPE	45	3.823	3.823	(0.675)	175531	20.0000	21
	34 n-Propanol	60	3.956	3.956	(0.699)	20936	3000.00	1900
	35 t-Butyl-ethyl-ether	59	4.181	4.181	(0.739)	149221	20.0000	20
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	76845	20.0000	22
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	58382	20.0000	22
	38 2-Butanone	72	4.473	4.473	(0.790)	6869	20.0000	19
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	12030	40.0000	37
	40 Bromochloromethane	128	4.705	4.705	(0.831)	26920	20.0000	21
	41 Tetrahydrofuran	42	4.711	4.711	(0.832)	16790	20.0000	17
	42 Chloroform	83	4.766	4.766	(0.842)	89520	20.0000	21
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	74203	20.0000	21
	44 Cyclohexane	56	4.893	4.893	(0.865)	75505	20.0000	18
	45 Carbon Tetrachloride	117	5.051	5.051	(0.892)	59185	20.0000	20
	46 1,1-Dichloropropene	75	5.094	5.094	(0.900)	68798	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.350	(0.945)	189025	50.0000	52
	48 Benzene	78	5.319	5.319	(0.617)	213586	20.0000	21
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	62606	20.0000	20
	51 n-Heptane	57	5.502	5.502	(0.972)	26854	20.0000	18
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	125292	20.0000	20
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	219070	40.0000	40
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	626514	50.0000	
	54 Trichloroethene	95	6.073	6.073	(1.073)	52580	20.0000	21
	53 n-Butanol	41	6.049	6.049	(1.069)	50480	1500.00	1100
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	65601	20.0000	18
	55 Ethyl Acrylate	55	6.219	6.219	(1.099)	114821	20.0000	18
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	57711	20.0000	20
	58 Dibromomethane	93	6.524	6.524	(1.153)	30213	20.0000	20
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	2676	150.000	99
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	12692	20.0000	19
	75 Propyl Acetate	43	6.542	6.542	(1.156)	136700	40.0000	39
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	64730	20.0000	21
	62 2-Chloroethyl Vinyl Ether	63	6.998	6.998	(1.236)	26579	20.0000	19
	63 Epichlorohydrin	57	7.089	7.089	(0.822)	97502	400.000	400
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	80973	20.0000	20
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	46178	20.0000	20
$	65 Toluene-d8 (SUR)	98	7.339	7.339	(0.851)	597791	50.0000	51
	66 Toluene	91	7.400	7.400	(0.858)	221693	20.0000	21
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	68641	20.0000	20
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	38304	20.0000	20

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66357.d
Report Date: 08-Mar-2012 08:56

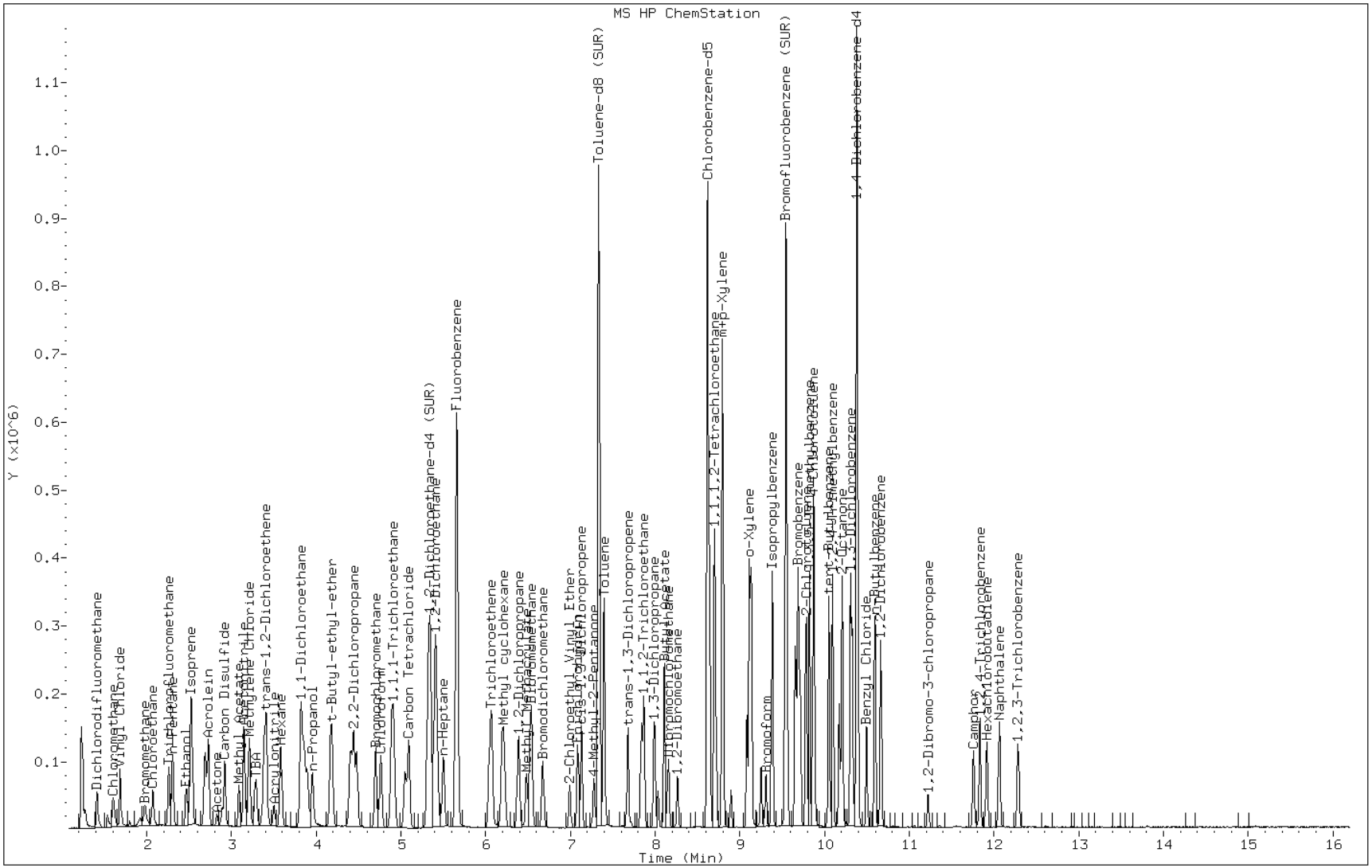
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	71	Tetrachloroethene	166	7.868	7.868	(0.912)	52023	20.0000	20
	72	1,3-Dichloropropane	76	7.990	7.990	(0.927)	80032	20.0000	21
	73	2-Hexanone	43	8.032	8.032	(0.932)	30415	20.0000	19
	74	Dibromochloromethane	129	8.154	8.154	(0.946)	44717	20.0000	20
	76	Butyl Acetate	73	8.111	8.111	(0.941)	23677	40.0000	39
	77	1,2-Dibromoethane	107	8.264	8.264	(0.958)	43853	20.0000	20
*	78	Chlorobenzene-d5	117	8.622	8.622	(1.000)	448740	50.0000	
	79	Chlorobenzene	112	8.641	8.641	(1.002)	135558	20.0000	21
	80	1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	45036	20.0000	21
	81	Ethylbenzene	106	8.702	8.702	(1.009)	71315	20.0000	21
	82	m+p-Xylene	106	8.799	8.799	(1.020)	173985	40.0000	43
	84	o-Xylene	106	9.115	9.115	(1.057)	85517	20.0000	21
	85	Styrene	104	9.133	9.133	(1.059)	147464	20.0000	22
	83	Butyl Acrylate	73	9.085	9.085	(1.054)	32014	20.0000	21
	86	Bromoform	173	9.310	9.310	(1.080)	29575	20.0000	20
	88	Isopropylbenzene	105	9.383	9.383	(1.088)	201098	20.0000	21
$	89	Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	199461	50.0000	50
	90	Camphene (total)	41	9.559	9.559	(1.109)	13942	20.0000	18
	91	Bromobenzene	156	9.657	9.657	(0.930)	56068	20.0000	20
	92	1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	56519	20.0000	20
	93	1,2,3-Trichloropropane	110	9.711	9.711	(0.936)	15958	20.0000	20
	94	trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	11994	20.0000	19
	95	n-Propylbenzene	91	9.693	9.693	(0.934)	241130	20.0000	21
	96	2-Chlorotoluene	91	9.784	9.784	(0.943)	147163	20.0000	21
	97	1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	164270	20.0000	21
	98	4-Chlorotoluene	91	9.870	9.870	(0.951)	155296	20.0000	21
	99	Butyl Methacrylate	87	9.876	9.876	(0.951)	54320	20.0000	18
	100	tert-Butylbenzene	119	10.052	10.052	(0.968)	135632	20.0000	20
	101	1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	170692	20.0000	21
	102	2-Octanone	43	10.174	10.174	(0.980)	76515	20.0000	21
	103	sec-Butylbenzene	105	10.210	10.210	(0.984)	201689	20.0000	20
	104	2-Octanol	45	10.198	10.198	(0.982)	22056	20.0000	24
	105	1,3-Dichlorobenzene	146	10.332	10.332	(0.995)	97600	20.0000	20
	107	p-Isopropyltoluene	119	10.308	10.308	(0.993)	165269	20.0000	21
*	108	1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	233309	50.0000	
	109	1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	98709	20.0000	20
	110	Benzyl Chloride	91	10.496	10.496	(1.011)	85903	20.0000	17
	106	n-Butylbenzene	91	10.594	10.594	(1.020)	138150	20.0000	19
	111	1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	90609	20.0000	20
	112	1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	10341	20.0000	19
	113	Camphor	95	11.756	11.756	(1.132)	27938	100.000	84
	114	1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	49905	20.0000	18
	115	Hexachlorobutadiene	225	11.914	11.914	(1.148)	26400	20.0000	17
	116	Naphthalene	128	12.066	12.066	(1.162)	123287	20.0000	17
	117	1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	41991	20.0000	18
M	120	1,2-Dichloroethene (Total)	100				106867	40.0000	42
M	121	Xylene (Total)	100				259503	60.0000	65

Data File: c66357.d

Date: 08-MAR-2012 08:35

Client ID: Instrument: VOAMS3.i

Sample Info: CCVIS Operator: VOA GC/MS3



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab Sample ID: CCVIS 460-105201/2 Calibration Date: 03/09/2012 10:05

Instrument ID: VOAMS3 Calib Start Date: 03/06/2012 15:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/06/2012 20:26

Lab File ID: c66418.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1526	0.1672		21.9	20.0	9.6	50.0
Chloromethane	LinF	0.2138	0.2255	0.1000	21.3	20.0	6.5	50.0
Vinyl chloride	Ave	0.2204	0.2365		21.5	20.0	7.3	20.0
Bromomethane	Ave	0.0762	0.0623		16.4	20.0	-18.3	50.0
Chloroethane	Ave	0.1423	0.1534		21.6	20.0	7.8	50.0
Trichlorofluoromethane	Ave	0.2459	0.2708		22.0	20.0	10.1	50.0
n-Pentane	Ave	0.0274	0.0322		23.5	20.0	17.4	50.0
Ethyl ether	Ave	0.1644	0.2309		28.1	20.0	40.4	50.0
Isopropene	Ave	0.2639	0.3152		23.9	20.0	19.5	50.0
Freon TF	Ave	0.1632	0.1992		24.4	20.0	22.1	50.0
Acrolein	Ave	0.0500	0.0575		46.0	40.0	15.0	99.0
1,1-Dichloroethene	Ave	0.1588	0.1743		22.0	20.0	9.8	20.0
Acetone	LinF	0.0799	0.0917		29.2	20.0	46.1	50.0
Carbon disulfide	LinF	0.4746	0.5542		26.5	20.0	32.3	50.0
Methyl acetate	Ave	0.2759	0.3607		26.2	20.0	30.8	50.0
Acetonitrile	LinF	0.0064	0.0083		597	400	49.2	50.0
Methylene Chloride	LinF	0.2130	0.2321		25.0	20.0	25.1	50.0
TBA	Ave	0.0200	0.0275		549	400	37.4	50.0
MTBE	Ave	0.5315	0.7516		28.3	20.0	41.4	50.0
trans-1,2-Dichloroethene	Ave	0.1878	0.2055		21.9	20.0	9.4	50.0
Acrylonitrile	Ave	0.0953	0.1135		23.8	20.0	19.0	50.0
Hexane	Ave	0.1397	0.1664		23.8	20.0	19.1	50.0
DIPE	Ave	0.6778	0.9032		26.7	20.0	33.3	50.0
1,1-Dichloroethane	Ave	0.3782	0.4169	0.1000	22.1	20.0	10.2	50.0
Vinyl acetate	Ave	0.2442	0.3624		29.7	20.0	48.4	50.0
Tert-butyl ethyl ether	Ave	0.5920	0.8060	0.0100	27.2	20.0	36.2	50.0
2,2-Dichloropropane	Ave	0.2832	0.3193		22.5	20.0	12.7	50.0
cis-1,2-Dichloroethene	Ave	0.2132	0.2342		22.0	20.0	9.9	50.0
2-Butanone	Ave	0.0288	0.0367		25.5	20.0	27.3	50.0
Ethyl acetate	Ave	0.0261	0.0312		47.8	40.0	19.5	50.0
Bromochloromethane	Ave	0.1029	0.1192		23.2	20.0	15.8	50.0
Tetrahydrofuran	Ave	0.0770	0.0933		24.2	20.0	21.1	50.0
Chloroform	Ave	0.3419	0.3849		22.5	20.0	12.6	20.0
Cyclohexane	Ave	0.3285	0.3989		24.3	20.0	21.4	50.0
1,1,1-Trichloroethane	Ave	0.2786	0.3096		22.2	20.0	11.1	50.0
Carbon tetrachloride	Ave	0.2303	0.2484		21.6	20.0	7.9	50.0
1,1-Dichloropropene	Ave	0.2691	0.2915		21.7	20.0	8.3	50.0
Benzene	Ave	1.128	1.275		22.6	20.0	13.1	50.0
Isopropyl acetate	Ave	0.4355	0.5943		54.6	40.0	36.4	50.0
Tert-amyl methyl ether	Ave	0.4959	0.6884		27.8	20.0	38.8	50.0
1,2-Dichloroethane	Ave	0.2453	0.2865		23.4	20.0	16.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab Sample ID: CCVIS 460-105201/2 Calibration Date: 03/09/2012 10:05

Instrument ID: VOAMS3 Calib Start Date: 03/06/2012 15:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/06/2012 20:26

Lab File ID: c66418.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Heptane	Ave	0.1195	0.1538		25.8	20.0	28.8	50.0
n-Butanol	Ave	0.0036	0.0043		1790	1500	19.6	50.0
Trichloroethene	Ave	0.2022	0.2177		21.5	20.0	7.7	50.0
Methylcyclohexane	Ave	0.2909	0.3699		25.4	20.0	27.2	50.0
Ethyl acrylate	Ave	0.4932	0.6260		25.4	20.0	26.9	50.0
1,2-Dichloropropane	Ave	0.2299	0.2513		21.9	20.0	9.3	20.0
Methyl methacrylate	Ave	0.0523	0.0680		26.0	20.0	30.0	50.0
1,4-Dioxane	Ave	0.0021	0.0029		205	150	36.7	50.0
Dibromomethane	Ave	0.1212	0.1400		23.1	20.0	15.5	50.0
Propyl acetate	Ave	0.2809	0.3653		52.0	40.0	30.1	50.0
Bromodichloromethane	Ave	0.2478	0.2843		22.9	20.0	14.7	50.0
2-Chloroethyl vinyl ether	Ave	0.1120	0.1463		26.1	20.0	30.6	50.0
Epichlorohydrin	Ave	0.0269	0.0375		558	400	39.6	50.0
cis-1,3-Dichloropropene	Ave	0.4394	0.5156		23.5	20.0	17.3	50.0
4-Methyl-2-pentanone	Ave	0.2612	0.3277		25.1	20.0	25.5	50.0
Toluene	Ave	1.191	1.292		21.7	20.0	8.5	20.0
trans-1,3-Dichloropropene	Ave	0.3790	0.4479		23.6	20.0	18.2	50.0
1,1,2-Trichloroethane	Ave	0.2088	0.2408		23.1	20.0	15.3	50.0
Tetrachloroethene	Ave	0.2912	0.3107		21.3	20.0	6.7	50.0
1,3-Dichloropropane	Ave	0.4306	0.5020		23.3	20.0	16.6	50.0
2-Hexanone	Ave	0.1794	0.2234		24.9	20.0	24.5	50.0
Butyl acetate	Ave	0.0674	0.0851		50.5	40.0	26.2	50.0
Dibromochloromethane	Ave	0.2491	0.2903		23.3	20.0	16.5	50.0
1,2-Dibromoethane	Ave	0.2415	0.2765		22.9	20.0	14.5	50.0
Chlorobenzene	Ave	0.7326	0.8335	0.3000	22.8	20.0	13.8	50.0
Ethylbenzene	Ave	0.3743	0.4161		22.2	20.0	11.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2422	0.2794		23.1	20.0	15.4	50.0
m&p-Xylene	Ave	0.4470	0.5278		47.2	40.0	18.1	50.0
Butyl acrylate	Ave	0.1728	0.2329		27.0	20.0	34.8	50.0
o-Xylene	Ave	0.4464	0.5302		23.8	20.0	18.8	50.0
Styrene	Ave	0.7491	0.9194		24.5	20.0	22.7	50.0
Bromoform	Ave	0.1619	0.1893	0.1000	23.4	20.0	16.9	50.0
Isopropylbenzene	Ave	1.068	1.237		23.2	20.0	15.9	50.0
Camphene, Total	Ave	0.0846	0.1061		25.1	20.0	25.4	50.0
Monobromobenzene	Ave	0.5960	0.6769		22.7	20.0	13.6	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6048	0.6735	0.3000	22.3	20.0	11.4	50.0
N-Propylbenzene	Ave	2.480	2.810		22.7	20.0	13.3	50.0
1,2,3-Trichloropropane	Ave	0.1727	0.1965		22.8	20.0	13.8	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1382	0.1772		25.6	20.0	28.2	50.0
2-Chlorotoluene	Ave	1.527	1.735		22.7	20.0	13.6	50.0
1,3,5-Trimethylbenzene	Ave	1.698	1.953		23.0	20.0	15.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Lab Sample ID: CCVIS 460-105201/2 Calibration Date: 03/09/2012 10:05

Instrument ID: VOAMS3 Calib Start Date: 03/06/2012 15:38

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 03/06/2012 20:26

Lab File ID: c66418.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	1.575	1.847		23.5	20.0	17.3	50.0
Butyl Methacrylate	LinF	0.5541	0.7834		24.2	20.0	20.9	50.0
tert-Butylbenzene	Ave	1.441	1.623		22.5	20.0	12.6	50.0
1,2,4-Trimethylbenzene	Ave	1.705	2.012		23.6	20.0	18.0	50.0
2-Octanone	Ave	0.7691	0.9948		25.9	20.0	29.3	50.0
2-Octanol	QuaF	0.2313	0.2537		26.0	20.0	30.0	50.0
sec-Butylbenzene	Ave	2.098	2.407		22.9	20.0	14.7	50.0
p-Isopropyltoluene	Ave	1.719	2.029		23.6	20.0	18.0	50.0
1,3-Dichlorobenzene	Ave	1.043	1.217		23.3	20.0	16.6	50.0
1,4-Dichlorobenzene	Ave	1.066	1.236		23.2	20.0	16.0	50.0
Benzyl chloride	LinF	0.9227	1.359		24.5	20.0	22.6	50.0
n-Butylbenzene	Ave	1.522	1.810		23.8	20.0	18.9	50.0
1,2-Dichlorobenzene	Ave	0.9639	1.169		24.3	20.0	21.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1138	0.1211		21.3	20.0	6.4	50.0
Camphor	LinF	0.0674	0.0783		110	100	9.6	50.0
1,2,4-Trichlorobenzene	Ave	0.5937	0.7277		24.5	20.0	22.6	50.0
Hexachlorobutadiene	Ave	0.3268	0.4009		24.5	20.0	22.7	50.0
Naphthalene	LinF	1.575	1.666		21.9	20.0	9.5	50.0
1,2,3-Trichlorobenzene	Ave	0.5133	0.6130		23.9	20.0	19.4	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2904	0.2997		51.6	50.0	3.2	50.0
Toluene-d8 (Surr)	Ave	1.307	1.306		50.0	50.0	-0.0	50.0
Bromofluorobenzene	Ave	0.8609	0.8287		48.1	50.0	-3.7	50.0

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66418.d
Report Date: 09-Mar-2012 10:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66418.d
Lab Smp Id: CCVIS
Inj Date : 09-MAR-2012 10:05
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/8260_09.m
Meth Date : 09-Mar-2012 10:24 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	42641	20.0000	22
3 Chloromethane	50	1.602	1.602	(0.283)	57526	20.0000	21
4 Vinyl Chloride	62	1.687	1.687	(0.298)	60319	20.0000	21
6 Bromomethane	94	1.967	1.967	(0.348)	15896	20.0000	16
5 Chloroethane	64	2.058	2.058	(0.364)	39136	20.0000	22
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	69070	20.0000	22
8 n-Pentane	72	2.302	2.302	(0.407)	8211	20.0000	23
10 Isoprene	67	2.527	2.527	(0.446)	80417	20.0000	24
11 Ethyl Ether	59	2.515	2.515	(0.444)	58899	20.0000	28
13 Acrolein	56	2.697	2.697	(0.477)	29347	40.0000	46
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	44466	20.0000	22
14 Freon TF	101	2.691	2.691	(0.475)	50820	20.0000	24
16 Acetone	43	2.831	2.831	(0.500)	23384	20.0000	29
18 Carbon Disulfide	76	2.922	2.922	(0.516)	141378	20.0000	26
21 Acetonitrile	39	3.147	3.147	(0.556)	42092	400.000	600
27 Methyl Acetate	43	3.093	3.093	(0.546)	92026	20.0000	26

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66418.d
Report Date: 09-Mar-2012 10:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	59213	20.0000	25
	24 TBA	59	3.293	3.293	(0.582)	140282	400.000	550
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	52418	20.0000	22
	26 Acrylonitrile	53	3.500	3.500	(0.618)	28948	20.0000	24
	28 MTBE	73	3.391	3.391	(0.599)	191738	20.0000	28
	29 Hexane	56	3.579	3.579	(0.632)	42458	20.0000	24
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	106356	20.0000	22
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	92456	20.0000	30
	32 DIPE	45	3.823	3.823	(0.675)	230395	20.0000	27
	34 n-Propanol	60	3.963	3.963	(0.700)	40947	3000.00	3700
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	205617	20.0000	27
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	81453	20.0000	22
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	59754	20.0000	22
	38 2-Butanone	72	4.480	4.480	(0.791)	9353	20.0000	25
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	15918	40.0000	48
	40 Bromochloromethane	128	4.699	4.699	(0.830)	30417	20.0000	23
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	23794	20.0000	24
	42 Chloroform	83	4.760	4.760	(0.841)	98176	20.0000	22
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	78970	20.0000	22
	44 Cyclohexane	56	4.893	4.893	(0.865)	101751	20.0000	24
	45 Carbon Tetrachloride	117	5.046	5.046	(0.891)	63377	20.0000	22
	46 1,1-Dichloropropene	75	5.088	5.088	(0.899)	74366	20.0000	22
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.344	5.344	(0.944)	191173	50.0000	52
	48 Benzene	78	5.319	5.319	(0.617)	235685	20.0000	23
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	73076	20.0000	23
	51 n-Heptane	57	5.502	5.502	(0.972)	39244	20.0000	26
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	175613	20.0000	28
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	303189	40.0000	54
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	637752	50.0000	
	54 Trichloroethene	95	6.074	6.074	(1.073)	55542	20.0000	22
	53 n-Butanol	41	6.049	6.049	(1.069)	81522	1500.00	1800
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	94366	20.0000	25
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	159686	20.0000	25
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	64100	20.0000	22
	58 Dibromomethane	93	6.524	6.524	(1.153)	35705	20.0000	23
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	5620	150.000	200
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	17348	20.0000	26
	75 Propyl Acetate	43	6.542	6.542	(1.156)	186386	40.0000	52
	68 Bromodichloromethane	83	6.676	6.676	(1.179)	72514	20.0000	23
	62 2-Chloroethyl Vinyl Ether	63	6.992	6.992	(1.235)	37309	20.0000	26
	63 Epichlorohydrin	57	7.090	7.090	(0.822)	138543	400.000	560
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	95279	20.0000	23
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	60563	20.0000	25
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	603531	50.0000	50
	66 Toluene	91	7.400	7.400	(0.858)	238708	20.0000	22
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	82762	20.0000	24
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	44502	20.0000	23

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66418.d
Report Date: 09-Mar-2012 10:24

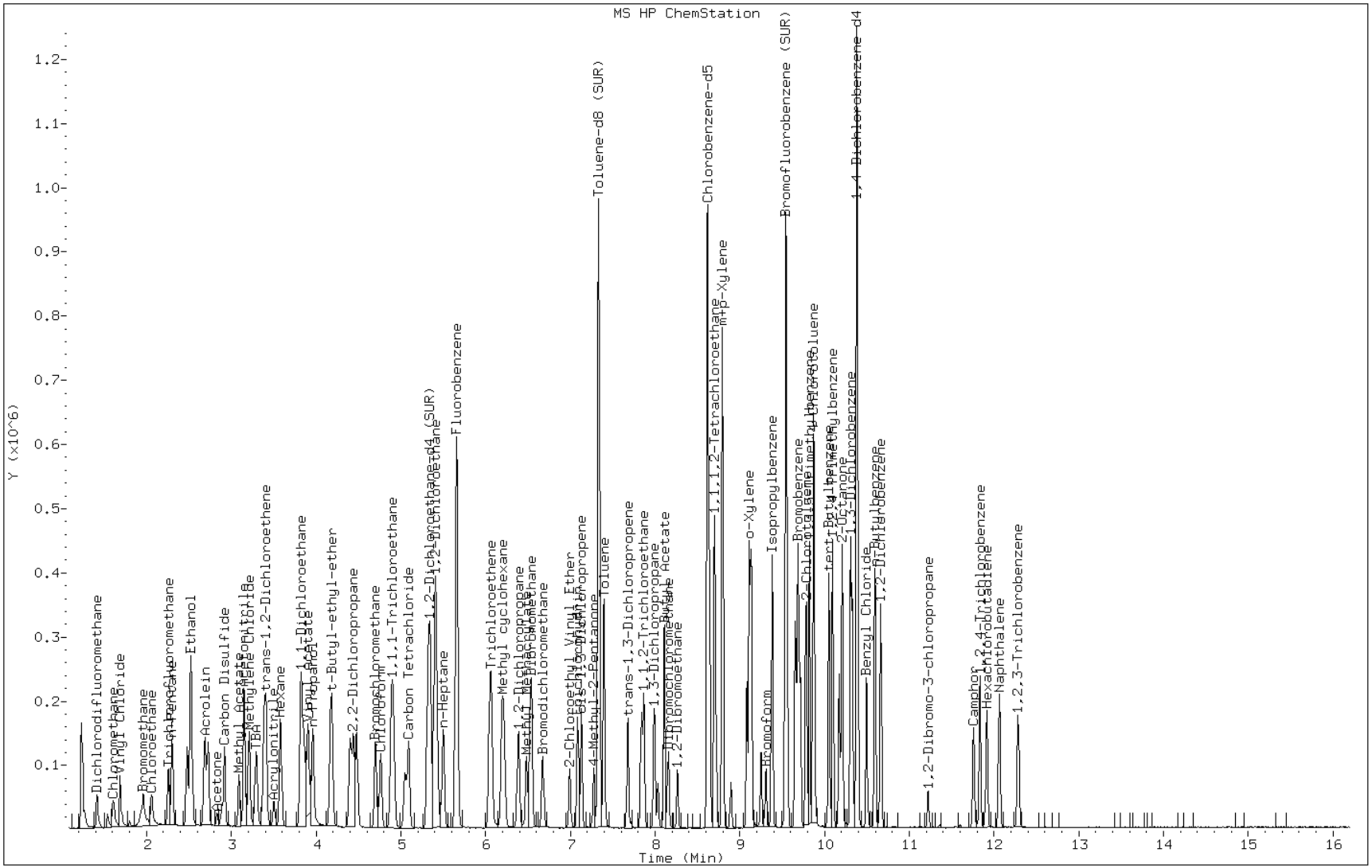
			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	71	Tetrachloroethene	166	7.868	7.868	(0.912)	57418	20.0000	21
	72	1,3-Dichloropropane	76	7.990	7.990	(0.927)	92767	20.0000	23
	73	2-Hexanone	43	8.033	8.033	(0.932)	41282	20.0000	25
	74	Dibromochloromethane	129	8.154	8.154	(0.946)	53636	20.0000	23
	76	Butyl Acetate	73	8.112	8.112	(0.941)	31440	40.0000	50
	77	1,2-Dibromoethane	107	8.264	8.264	(0.958)	51090	20.0000	23
*	78	Chlorobenzene-d5	117	8.623	8.623	(1.000)	461975	50.0000	
	79	Chlorobenzene	112	8.641	8.641	(1.002)	154024	20.0000	23
	80	1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	51636	20.0000	23
	81	Ethylbenzene	106	8.702	8.702	(1.009)	76891	20.0000	22
	82	m+p-Xylene	106	8.799	8.799	(1.020)	195056	40.0000	47
	84	o-Xylene	106	9.115	9.115	(1.057)	97978	20.0000	24
	85	Styrene	104	9.134	9.134	(1.059)	169899	20.0000	24
	83	Butyl Acrylate	73	9.085	9.085	(1.054)	43032	20.0000	27
	86	Bromoform	173	9.310	9.310	(1.080)	34977	20.0000	23
	88	Isopropylbenzene	105	9.383	9.383	(1.088)	228571	20.0000	23
$	89	Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	205094	50.0000	48
	90	Camphene (total)	41	9.560	9.560	(1.109)	19609	20.0000	25
	91	Bromobenzene	156	9.657	9.657	(0.930)	67000	20.0000	23
	92	1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	66666	20.0000	22
	93	1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	19446	20.0000	23
	94	trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	17541	20.0000	26
	95	n-Propylbenzene	91	9.687	9.687	(0.933)	278168	20.0000	23
	96	2-Chlorotoluene	91	9.785	9.785	(0.943)	171730	20.0000	23
	97	1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	193308	20.0000	23
	98	4-Chlorotoluene	91	9.870	9.870	(0.951)	182869	20.0000	23
	99	Butyl Methacrylate	87	9.876	9.876	(0.951)	77551	20.0000	24
	100	tert-Butylbenzene	119	10.052	10.052	(0.968)	160687	20.0000	22
	101	1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	199191	20.0000	24
	102	2-Octanone	43	10.174	10.174	(0.980)	98469	20.0000	26
	103	sec-Butylbenzene	105	10.210	10.210	(0.984)	238303	20.0000	23
	104	2-Octanol	45	10.198	10.198	(0.982)	25116	20.0000	26
	105	1,3-Dichlorobenzene	146	10.326	10.326	(0.995)	120451	20.0000	23
	107	p-Isopropyltoluene	119	10.308	10.308	(0.993)	200842	20.0000	24
*	108	1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	247471	50.0000	
	109	1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	122344	20.0000	23
	110	Benzyl Chloride	91	10.496	10.496	(1.011)	134520	20.0000	24
	106	n-Butylbenzene	91	10.594	10.594	(1.020)	179124	20.0000	24
	111	1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	115696	20.0000	24
	112	1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	11989	20.0000	21
	113	Camphor	95	11.756	11.756	(1.132)	38737	100.000	110
	114	1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	72034	20.0000	24
	115	Hexachlorobutadiene	225	11.914	11.914	(1.148)	39686	20.0000	24
	116	Naphthalene	128	12.066	12.066	(1.162)	164933	20.0000	22
	117	1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	60678	20.0000	24
M	120	1,2-Dichloroethene (Total)	100				112173	40.0000	44
M	121	Xylene (Total)	100				293034	60.0000	71

Data File: c66418.d

Date: 09-MAR-2012 10:05

Client ID: Instrument: VOAMS3.i

Sample Info: CCVIS Operator: VOA GC/MS3



Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66257.d
Report Date: 06-Mar-2012 16:39

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66257.d
Lab Smp Id: BFB
Inj Date : 06-MAR-2012 14:55
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

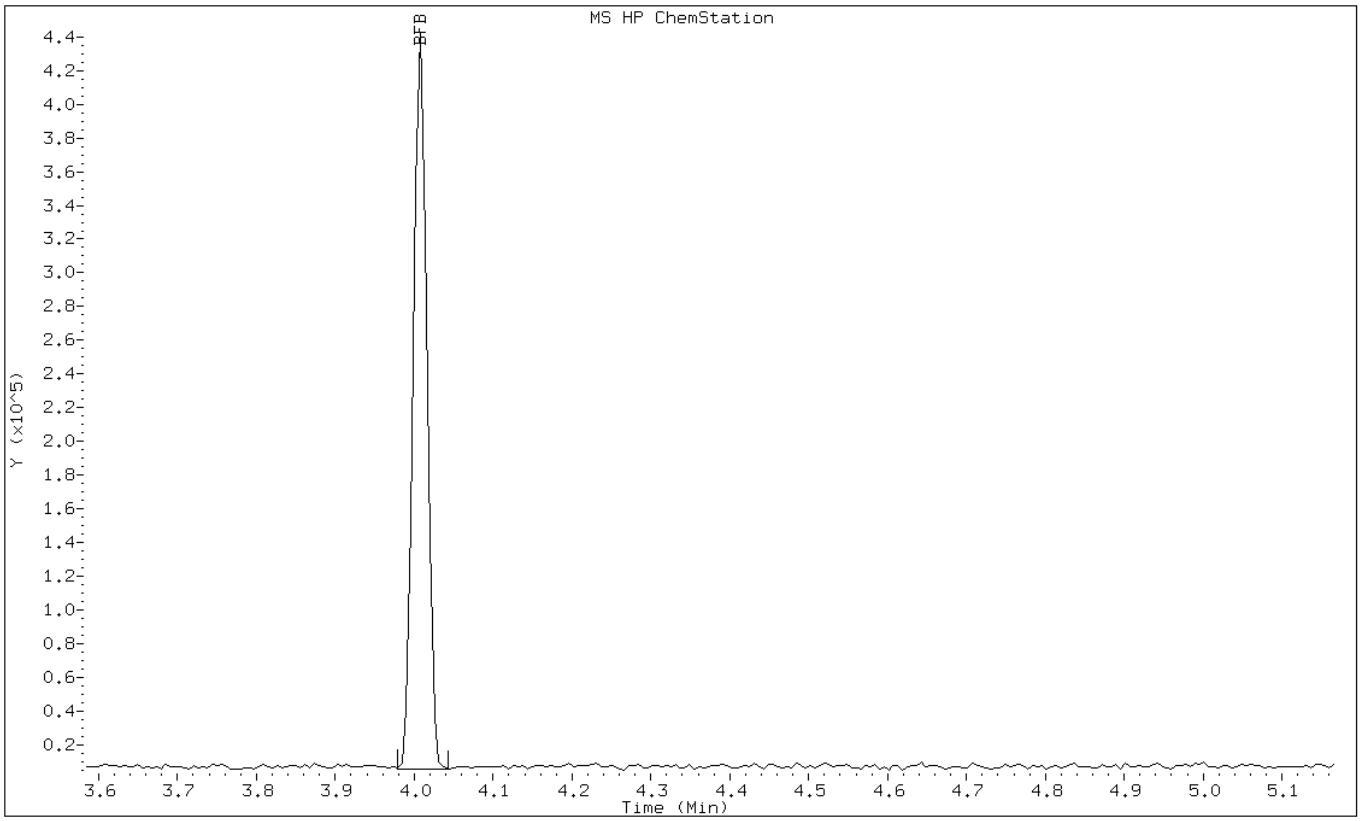
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.008	4.300 (0.000)	95	76090			0.00- 100.00	100.00
4.008	4.300 (0.000)	50	13615			15.00- 40.00	17.89
4.008	4.300 (0.000)	75	37173			30.00- 60.00	48.85
4.008	4.300 (0.000)	96	5344			5.00- 9.00	7.02
4.008	4.300 (0.000)	173	247			0.00- 2.00	0.37
4.008	4.300 (0.000)	174	67253			50.00- 100.00	88.39
4.008	4.300 (0.000)	175	5290			5.00- 9.00	7.87
4.008	4.300 (0.000)	176	66152			95.00- 101.00	98.36
4.008	4.300 (0.000)	177	4113			5.00- 9.00	6.22

Data File: c66257.d

Date: 06-MAR-2012 14:55

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



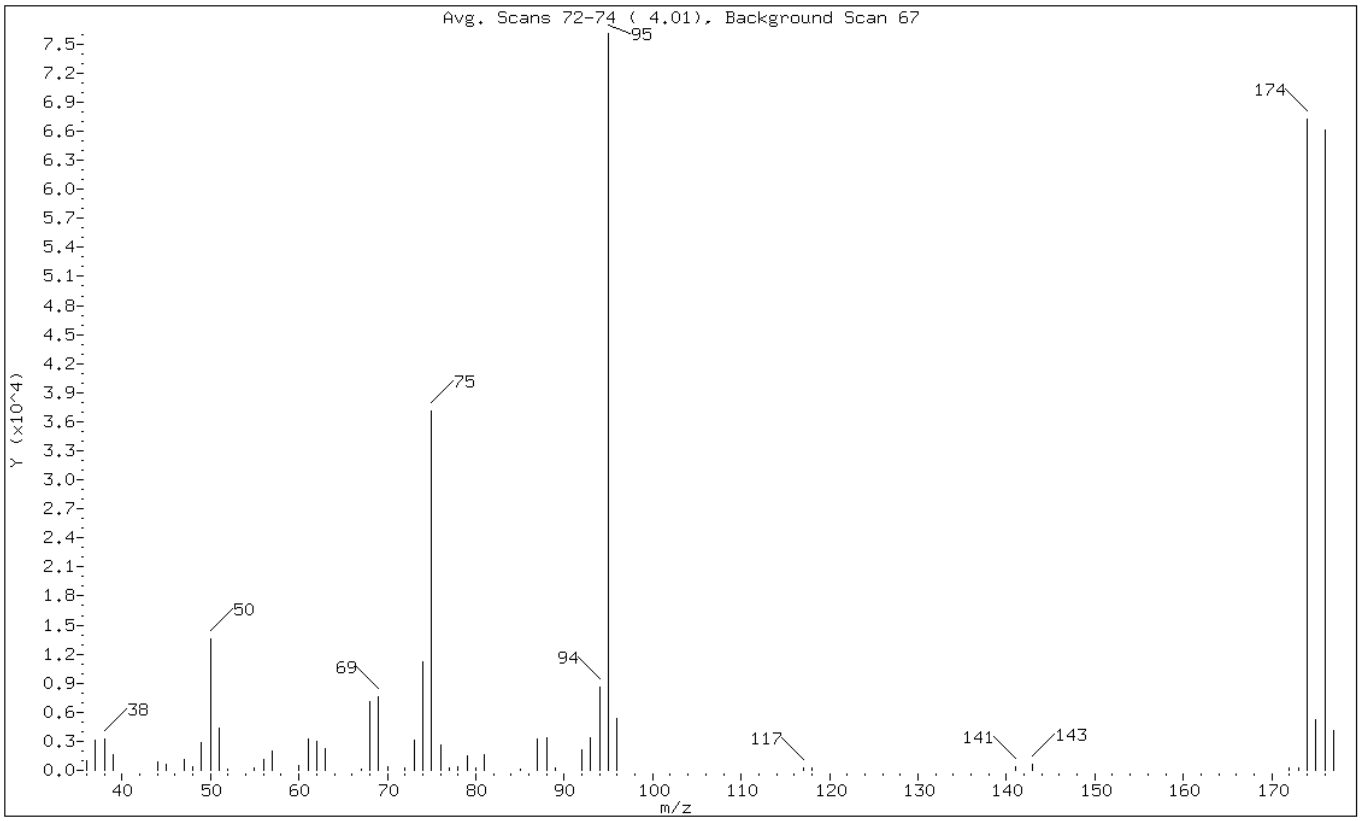
Data File: c66257.d

Date: 06-MAR-2012 14:55

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.89
75	30.00 - 60.00% of mass 95	48.85
96	5.00 - 9.00% of mass 95	7.02
173	Less than 2.00% of mass 174	0.32 (0.37)
174	50.00 - 100.00% of mass 95	88.39
175	5.00 - 9.00% of mass 174	6.95 (7.87)
176	95.00 - 101.00% of mass 174	86.94 (98.36)
177	5.00 - 9.00% of mass 176	5.41 (6.22)

Data File: c66257.d

Date: 06-MAR-2012 14:55

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/03-06-12/06mar12a.b/c66257.d
Spectrum: Avg. Scans 72-74 (4.01), Background Scan 67
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1002	57.00	1940	77.00	192	117.00	207
37.00	3074	60.00	492	78.00	380	118.00	195
38.00	3183	61.00	3215	79.00	1505	141.00	435
39.00	1608	62.00	3004	80.00	238	143.00	656
44.00	876	63.00	2272	81.00	1559	172.00	265
45.00	643	67.00	176	85.00	180	173.00	247
47.00	1127	68.00	7123	87.00	3189	174.00	67248
48.00	393	69.00	7634	88.00	3313	175.00	5290
49.00	2831	70.00	361	89.00	260	176.00	66152
50.00	13615	72.00	205	92.00	2156	177.00	4113
51.00	4410	73.00	3154	93.00	3319		
52.00	169	74.00	11169	94.00	8597		
55.00	209	75.00	37168	95.00	76088		
56.00	1142	76.00	2622	96.00	5344		

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66356.d
Report Date: 08-Mar-2012 08:29

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66356.d
Lab Smp Id: BFB
Inj Date : 08-MAR-2012 08:23
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

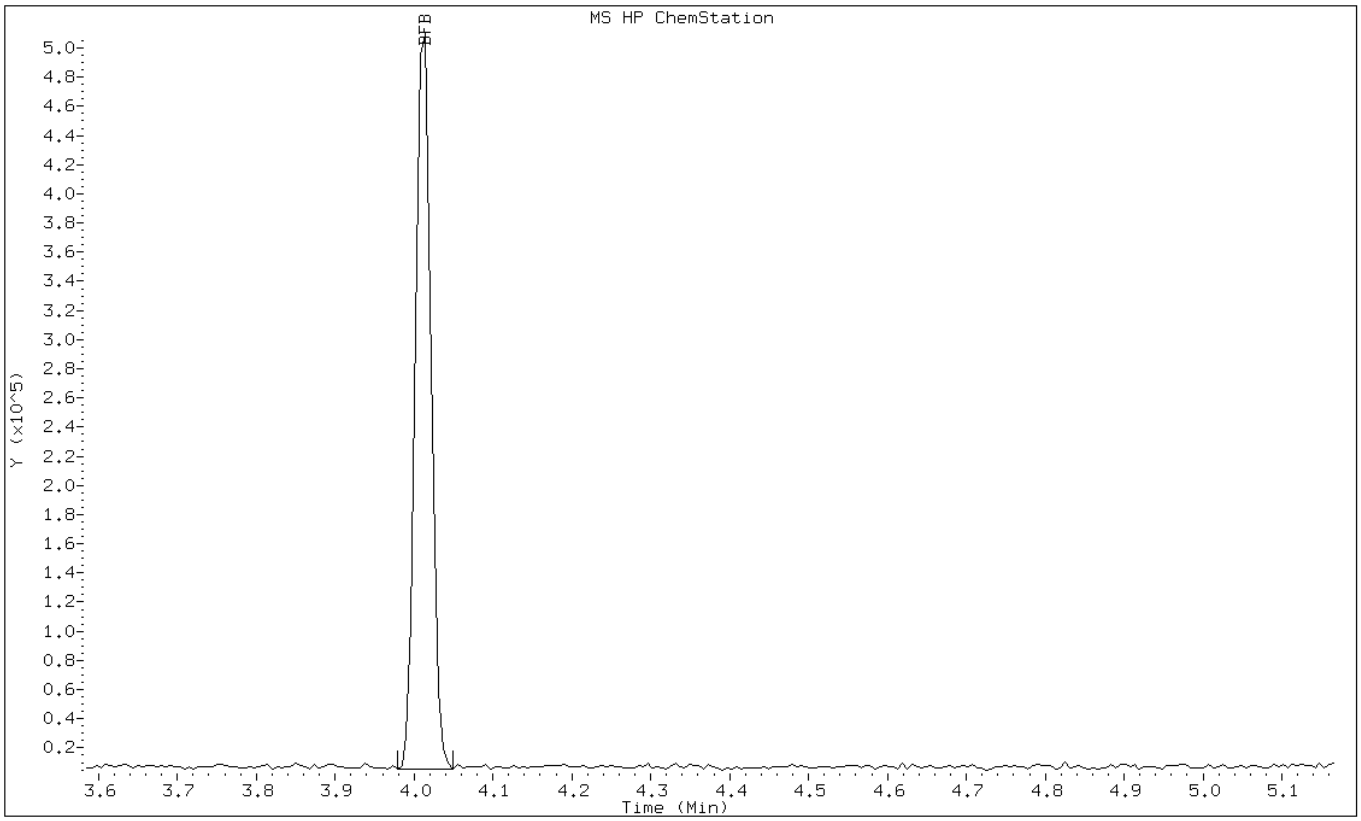
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.014	4.300 (0.000)	95	65512			0.00- 100.00	100.00
4.014	4.300 (0.000)	50	11609			15.00- 40.00	17.72
4.014	4.300 (0.000)	75	29512			30.00- 60.00	45.05
4.014	4.300 (0.000)	96	3626			5.00- 9.00	5.53
4.014	4.300 (0.000)	173	0			0.00- 2.00	0.00
4.014	4.300 (0.000)	174	63368			50.00- 100.00	96.73
4.014	4.300 (0.000)	175	4446			5.00- 9.00	7.02
4.014	4.300 (0.000)	176	61840			95.00- 101.00	97.59
4.014	4.300 (0.000)	177	4473			5.00- 9.00	7.23

Data File: c66356.d

Date: 08-MAR-2012 08:23

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



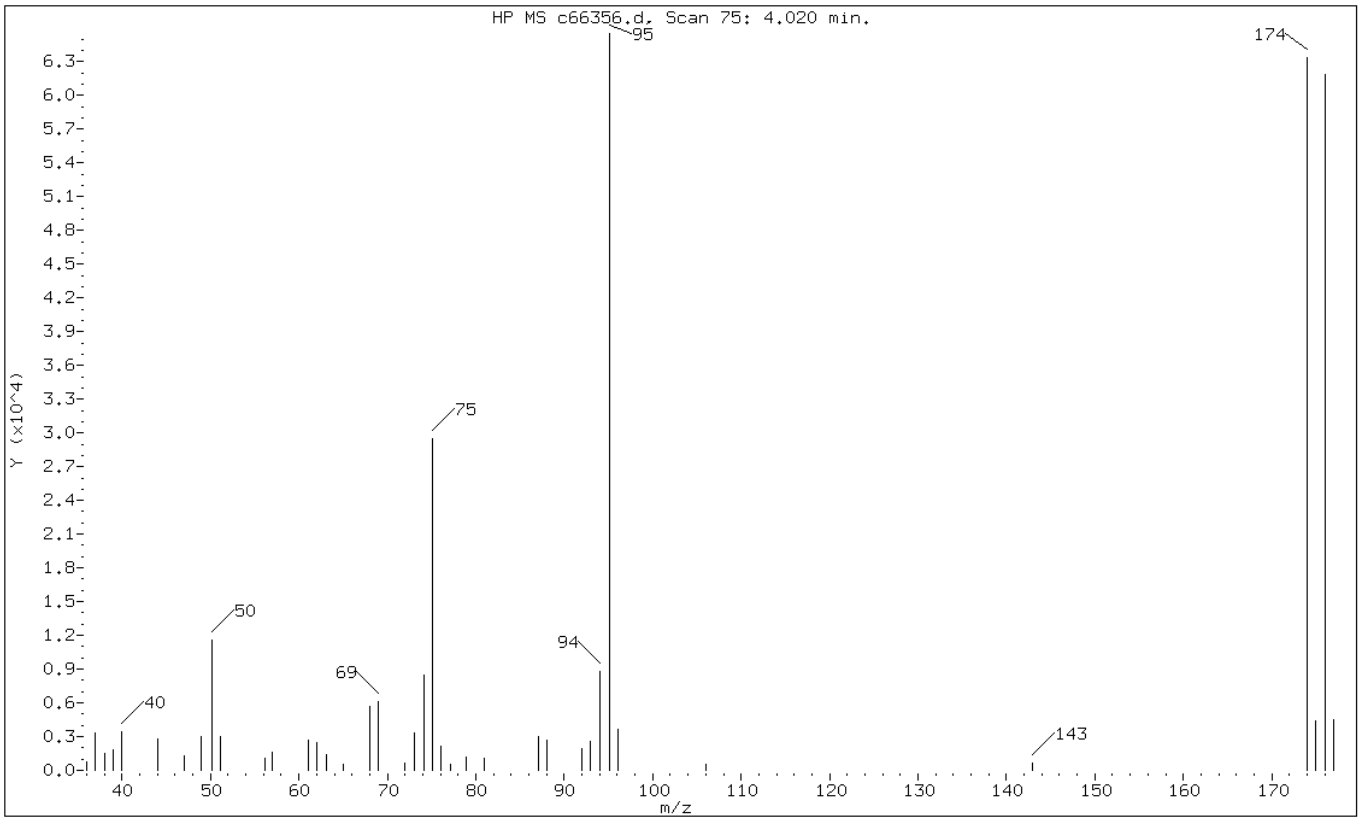
Data File: c66356.d

Date: 08-MAR-2012 08:23

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.72
75	30.00 - 60.00% of mass 95	45.05
96	5.00 - 9.00% of mass 95	5.53
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	96.73
175	5.00 - 9.00% of mass 174	6.79 (7.02)
176	95.00 - 101.00% of mass 174	94.39 (97.59)
177	5.00 - 9.00% of mass 176	6.83 (7.23)

Data File: c66356.d

Date: 08-MAR-2012 08:23

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66356.d
Spectrum: HP MS c66356.d, Scan 75: 4.020 min.
Location of Maximum: 95.10
Number of points: 39

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	721	56.10	1026	74.10	8450	94.10	8791
37.00	3326	57.00	1622	75.10	29512	95.10	65512
38.00	1475	61.00	2708	76.00	2193	96.10	3626
39.00	1856	62.00	2434	77.10	538	106.00	537
40.00	3430	63.10	1358	78.90	1159	143.00	653
44.00	2784	65.00	570	80.90	1031	174.00	63368
47.10	1283	68.00	5645	87.10	2976	175.00	4446
49.00	2987	69.00	6104	88.10	2721	176.00	61840
50.10	11609	72.00	611	92.00	1891	177.00	4473
51.10	2956	73.00	3360	93.00	2522		

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66416.d
Report Date: 09-Mar-2012 09:23

TestAmerica

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66416.d
Lab Smp Id: BFB
Inj Date : 09-MAR-2012 09:16
Operator : VOAMS 1 Inst ID: VOAMS3.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/VOABFB.m
Meth Date : 06-Jul-2010 22:04 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

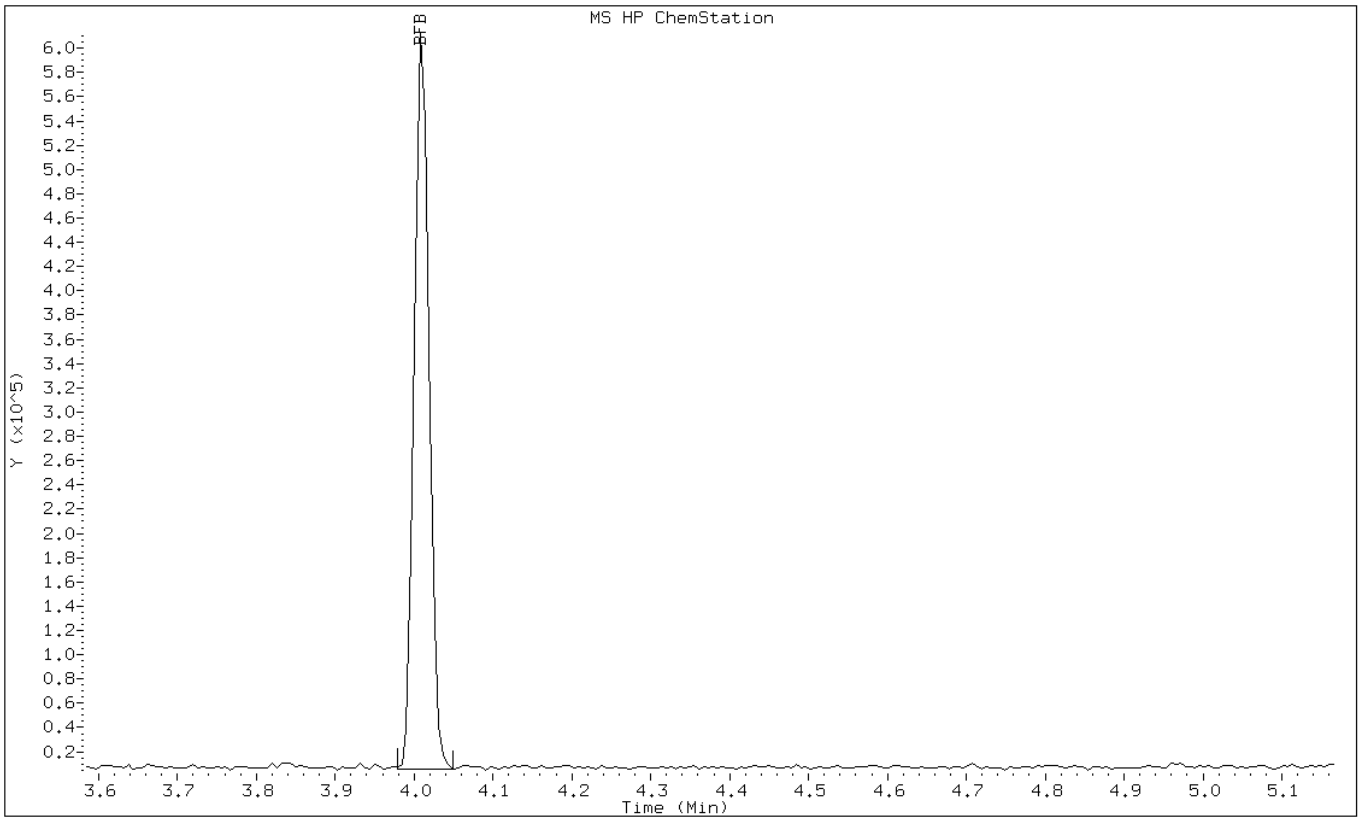
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
4.008	4.300 (0.000)	95	84872			0.00- 100.00	100.00
4.008	4.300 (0.000)	50	17896			15.00- 40.00	21.09
4.008	4.300 (0.000)	75	43120			30.00- 60.00	50.81
4.008	4.300 (0.000)	96	6724			5.00- 9.00	7.92
4.008	4.300 (0.000)	173	0			0.00- 2.00	0.00
4.008	4.300 (0.000)	174	74464			50.00- 100.00	87.74
4.008	4.300 (0.000)	175	5532			5.00- 9.00	7.43
4.008	4.300 (0.000)	176	72728			95.00- 101.00	97.67
4.008	4.300 (0.000)	177	3713			5.00- 9.00	5.11

Data File: c66416.d

Date: 09-MAR-2012 09:16

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1



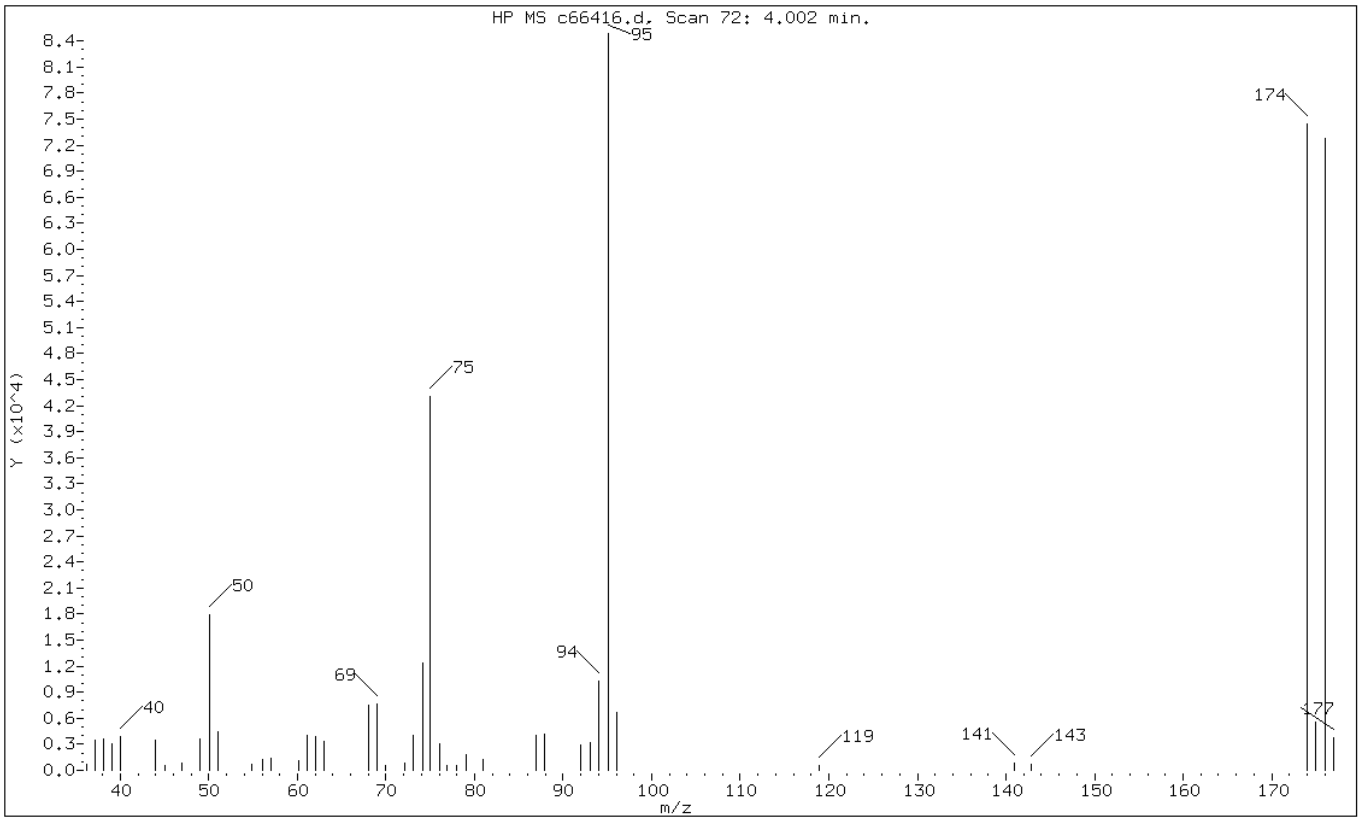
Data File: c66416.d

Date: 09-MAR-2012 09:16

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.09
75	30.00 - 60.00% of mass 95	50.81
96	5.00 - 9.00% of mass 95	7.92
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.74
175	5.00 - 9.00% of mass 174	6.52 (7.43)
176	95.00 - 101.00% of mass 174	85.69 (97.67)
177	5.00 - 9.00% of mass 176	4.37 (5.11)

Data File: c66416.d

Date: 09-MAR-2012 09:16

Client ID: Instrument: VOAMS3.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66416.d
Spectrum: HP MS c66416.d, Scan 72: 4.002 min.
Location of Maximum: 95.10
Number of points: 44

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.20	756	56.10	1266	75.00	43120	96.00	6724
37.10	3407	57.00	1346	76.10	3018	118.90	522
38.10	3661	60.20	1180	76.90	598	141.00	841
39.10	3017	61.10	4096	78.00	542	142.90	677
40.00	3829	62.00	3924	79.00	1754	174.00	74464
44.00	3506	63.00	3328	81.00	1277	175.00	5532
45.10	560	68.00	7523	87.00	4095	176.00	72728
47.00	885	69.00	7693	87.90	4109	177.00	3713
49.00	3597	69.90	524	92.00	2899		
50.10	17896	72.10	764	93.00	3228		
51.00	4406	73.10	3980	94.00	10334		
54.90	635	74.10	12305	95.10	84872		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-105030/4

Matrix: Water | Lab File ID: c66361.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 10:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-105030/4

Matrix: Water | Lab File ID: c66361.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 10:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66361.d
Report Date: 08-Mar-2012 11:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66361.d
Lab Smp Id: MB
Inj Date : 08-MAR-2012 10:18
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.350	(0.945)	188877	53.2435	53
* 52 Fluorobenzene	96	5.660	5.660	(1.000)	610844	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.339	7.339	(0.851)	571394	50.1931	50
* 78 Chlorobenzene-d5	117	8.622	8.622	(1.000)	435621	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	186186	49.4145	49
* 108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	218819	50.0000	

Data File: c66361.d

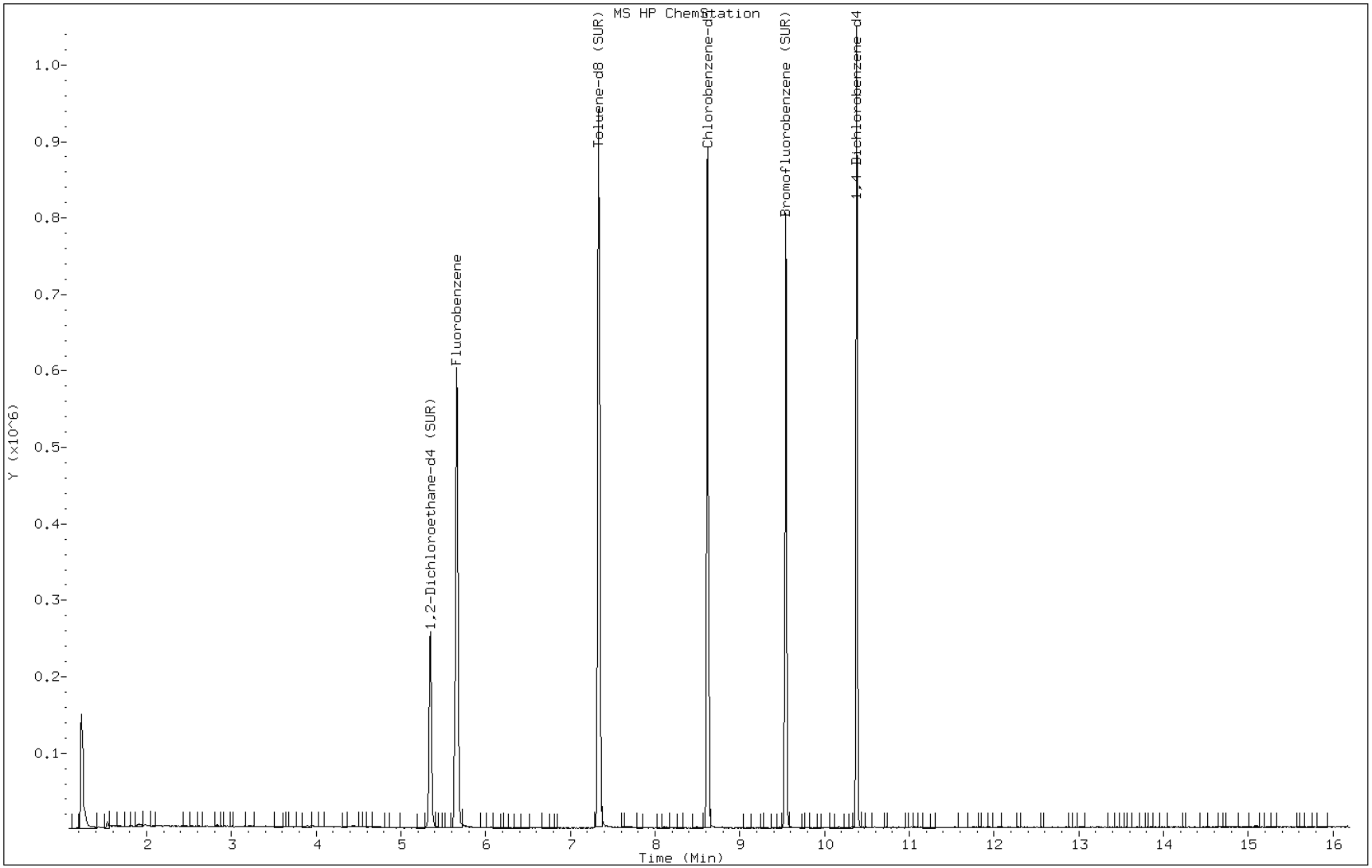
Date: 08-MAR-2012 10:18

Client ID:

Instrument: VOAMS3.i

Sample Info: MB

Operator: VOA GC/MS3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-105201/4

Matrix: Water | Lab File ID: c66422.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 11:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-105201/4

Matrix: Water | Lab File ID: c66422.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 11:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66422.d
Report Date: 09-Mar-2012 12:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66422.d
Lab Smp Id: MB
Inj Date : 09-MAR-2012 11:47
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/8260_09.m
Meth Date : 09-Mar-2012 10:24 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.344	(0.945)	198616	52.8600	53
* 52 Fluorobenzene	96	5.660	5.660	(1.000)	647002	50.0000	
$ 65 Toluene-d8 (SUR)	98	7.339	7.333	(0.851)	603831	50.0478	50
* 78 Chlorobenzene-d5	117	8.623	8.623	(1.000)	461687	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	199937	48.6123	49
* 108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	238858	50.0000	

Data File: c66422.d

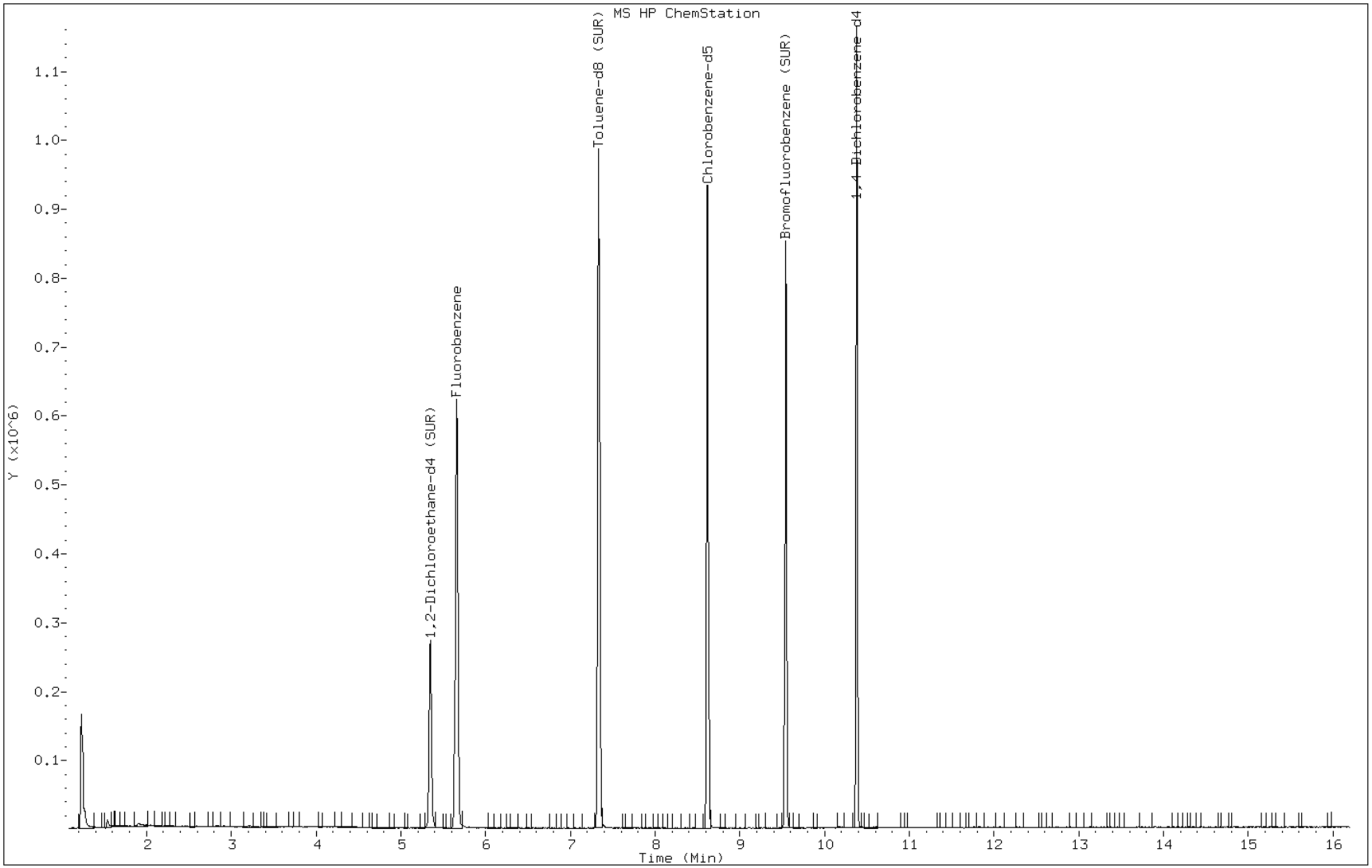
Date: 09-MAR-2012 11:47

Client ID:

Instrument: VOAMS3.i

Sample Info: MB

Operator: VOA GC/MS3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-105030/3

Matrix: Water | Lab File ID: c66358.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	18.7		1.0	0.22
74-87-3	Chloromethane	22.4		1.0	0.10
74-83-9	Bromomethane	19.3		1.0	0.18
75-01-4	Vinyl chloride	22.1		1.0	0.14
75-00-3	Chloroethane	22.6		1.0	0.17
75-69-4	Trichlorofluoromethane	22.4		1.0	0.15
76-13-1	Freon TF	23.5		1.0	0.080
75-09-2	Methylene Chloride	22.0		1.0	0.18
67-64-1	Acetone	22.6		5.0	2.7
75-15-0	Carbon disulfide	24.2		1.0	0.13
79-20-9	Methyl acetate	16.9		2.0	0.34
75-35-4	1,1-Dichloroethene	20.5		1.0	0.090
75-34-3	1,1-Dichloroethane	20.8		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	19.7		1.0	0.13
1634-04-4	MTBE	20.1		1.0	0.14
67-66-3	Chloroform	20.3		1.0	0.080
107-06-2	1,2-Dichloroethane	20.6		1.0	0.19
78-93-3	2-Butanone	19.6		5.0	2.3
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.060
110-82-7	Cyclohexane	22.2		1.0	0.16
56-23-5	Carbon tetrachloride	20.9		1.0	0.060
75-27-4	Bromodichloromethane	20.6		1.0	0.12
78-87-5	1,2-Dichloropropane	20.1		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.7		1.0	0.18
79-01-6	Trichloroethene	20.3		1.0	0.090
108-87-2	Methylcyclohexane	21.6		1.0	0.14
124-48-1	Dibromochloromethane	20.5		1.0	0.20
79-00-5	1,1,2-Trichloroethane	20.3		1.0	0.19
71-43-2	Benzene	20.9		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	20.1		1.0	0.24
75-25-2	Bromoform	20.6		1.0	0.19
98-82-8	Isopropylbenzene	21.7		1.0	0.080
108-10-1	4-Methyl-2-pentanone	20.1		5.0	0.99
591-78-6	2-Hexanone	19.5		5.0	0.50
127-18-4	Tetrachloroethene	21.4		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-105030/3

Matrix: Water | Lab File ID: c66358.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/08/2012 09:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105030 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.3		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	20.0		1.0	0.16
108-90-7	Chlorobenzene	20.7		1.0	0.11
100-41-4	Ethylbenzene	21.1		1.0	0.10
1330-20-7	Xylenes, Total	64.9		3.0	0.36
100-42-5	Styrene	21.5		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		1.0	0.40
541-73-1	1,3-Dichlorobenzene	20.1		1.0	0.14
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.0		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	18.8		1.0	0.34
106-93-4	1,2-Dibromoethane	20.1		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-130
2037-26-5	Toluene-d8 (Surr)	102		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66358.d
Report Date: 08-Mar-2012 09:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66358.d
Lab Smp Id: LCS
Inj Date : 08-MAR-2012 09:02
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/8260_09.m
Meth Date : 08-Mar-2012 08:56 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 2 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.413	(0.250)	35771	18.6810	19
3 Chloromethane	50	1.608	1.602	(0.284)	59378	22.3545	22
4 Vinyl Chloride	62	1.687	1.687	(0.298)	60994	22.0544	22
6 Bromomethane	94	1.973	1.979	(0.349)	18476	19.3154	19
5 Chloroethane	64	2.071	2.070	(0.366)	40391	22.6099	23
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	69256	22.4455	22
8 n-Pentane	72	2.308	2.308	(0.408)	10671	31.0085	31
10 Isoprene	67	2.533	2.533	(0.448)	79643	24.0481	24
11 Ethyl Ether	59	2.515	2.515	(0.444)	44052	21.3464	21
13 Acrolein	56	2.697	2.697	(0.477)	27166	43.2607	43
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	40921	20.5366	20
14 Freon TF	101	2.691	2.691	(0.475)	48193	23.5326	24
16 Acetone	43	2.831	2.831	(0.500)	17805	22.6102	23
18 Carbon Disulfide	76	2.922	2.922	(0.516)	127323	24.2244	24
21 Acetonitrile	39	3.147	3.147	(0.556)	27713	399.451	400
27 Methyl Acetate	43	3.093	3.093	(0.546)	58545	16.9115	17

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66358.d
Report Date: 08-Mar-2012 09:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	3.208	3.214	(0.567)	51216	22.0006	22
	24 TBA	59	3.287	3.287	(0.581)	89738	357.226	360
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	46400	19.6916	20
	26 Acrylonitrile	53	3.506	3.506	(0.619)	26343	22.0181	22
	28 MTBE	73	3.391	3.391	(0.599)	134267	20.1290	20
	29 Hexane	56	3.579	3.585	(0.632)	37799	21.5613	22
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	98737	20.8056	21
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	95919	31.2961	31(R)
	32 DIPE	45	3.823	3.823	(0.675)	174370	20.5006	20
	34 n-Propanol	60	3.956	3.956	(0.699)	28978	2689.90	2700
	35 t-Butyl-ethyl-ether	59	4.182	4.181	(0.739)	151083	20.3363	20
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	73452	20.6667	21
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	54136	20.2351	20
	38 2-Butanone	72	4.480	4.473	(0.791)	7103	19.6486	20
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	12943	39.5185	40
	40 Bromochloromethane	128	4.699	4.705	(0.830)	25040	19.3865	19
	41 Tetrahydrofuran	42	4.705	4.711	(0.831)	16017	16.5772	16
	42 Chloroform	83	4.766	4.766	(0.842)	87112	20.3026	20
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	71291	20.3935	20
	44 Cyclohexane	56	4.893	4.893	(0.865)	91334	22.1561	22
	45 Carbon Tetrachloride	117	5.051	5.051	(0.892)	60419	20.9071	21
	46 1,1-Dichloropropene	75	5.094	5.094	(0.900)	66947	19.8247	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.350	(0.945)	185030	50.7760	51
	48 Benzene	78	5.319	5.319	(0.617)	210670	20.9239	21
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	63280	20.5554	20
	51 n-Heptane	57	5.502	5.502	(0.972)	33257	22.1831	22
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	128479	20.6457	21
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	220275	40.3029	40
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	627482	50.0000	
	54 Trichloroethene	95	6.074	6.073	(1.073)	51427	20.2686	20
	53 n-Butanol	41	6.049	6.049	(1.069)	62311	1393.98	1400
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	78918	21.6155	22
	55 Ethyl Acrylate	55	6.220	6.219	(1.099)	127111	20.5379	20
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	58117	20.1405	20
	58 Dibromomethane	93	6.524	6.524	(1.153)	28907	19.0015	19
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	3687	136.759	140
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	12423	18.9311	19
	75 Propyl Acetate	43	6.542	6.542	(1.156)	135446	38.4251	38
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	64047	20.5914	20
	62 2-Chloroethyl Vinyl Ether	63	6.998	6.998	(1.236)	26659	18.9725	19
	63 Epichlorohydrin	57	7.090	7.089	(0.822)	91404	381.168	380
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	81249	20.7099	21
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	46914	20.1201	20
$	65 Toluene-d8 (SUR)	98	7.333	7.339	(0.850)	594382	50.9532	51
	66 Toluene	91	7.400	7.400	(0.858)	215664	20.2840	20
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	67850	20.0537	20
	69 1,1,2-Trichloroethane	83	7.844	7.838	(0.910)	37835	20.2965	20

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66358.d
Report Date: 08-Mar-2012 09:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	55604	21.3888	21
	72 1,3-Dichloropropane	76	7.990	7.990	(0.927)	78780	20.4947	20
	73 2-Hexanone	43	8.039	8.032	(0.932)	31165	19.4532	19
	74 Dibromochloromethane	129	8.160	8.154	(0.946)	45672	20.5408	20
	76 Butyl Acetate	73	8.112	8.111	(0.941)	24023	39.9274	40
	77 1,2-Dibromoethane	107	8.264	8.264	(0.958)	43389	20.1269	20
*	78 Chlorobenzene-d5	117	8.623	8.622	(1.000)	446387	50.0000	
	79 Chlorobenzene	112	8.647	8.641	(1.003)	135118	20.6576	21
	80 1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	44797	20.7176	21
	81 Ethylbenzene	106	8.702	8.702	(1.009)	70593	21.1244	21
	82 m+p-Xylene	106	8.799	8.799	(1.020)	175001	43.8516	44
	84 o-Xylene	106	9.115	9.115	(1.057)	83987	21.0732	21
	85 Styrene	104	9.134	9.133	(1.059)	143897	21.5163	22
	83 Butyl Acrylate	73	9.085	9.085	(1.054)	32595	21.1338	21
	86 Bromoform	173	9.310	9.310	(1.080)	29729	20.5690	20
	88 Isopropylbenzene	105	9.383	9.383	(1.088)	206707	21.6878	22
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	197341	49.4100	49
	90 Camphene (total)	41	9.559	9.559	(1.109)	19188	25.3930	25
	91 Bromobenzene	156	9.657	9.657	(0.930)	55201	19.9657	20
	92 1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	56216	20.0379	20
	93 1,2,3-Trichloropropane	110	9.712	9.711	(0.936)	16703	20.8506	21
	94 trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	14683	22.9051	23
	95 n-Propylbenzene	91	9.687	9.693	(0.933)	246493	21.4275	21
	96 2-Chlorotoluene	91	9.785	9.784	(0.943)	147475	20.8221	21
	97 1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	167258	21.2366	21
	98 4-Chlorotoluene	91	9.870	9.870	(0.951)	154399	21.1295	21
	99 Butyl Methacrylate	87	9.876	9.876	(0.951)	57169	19.0146	19
	100 tert-Butylbenzene	119	10.052	10.052	(0.968)	138554	20.7230	21
	101 1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	166365	21.0327	21
	102 2-Octanone	43	10.174	10.174	(0.980)	83531	23.4134	23
	103 sec-Butylbenzene	105	10.210	10.210	(0.984)	203913	20.9480	21
	104 2-Octanol	45	10.198	10.198	(0.982)	24887	27.4636	27(R)
	105 1,3-Dichlorobenzene	146	10.326	10.332	(0.995)	97301	20.1020	20
	107 p-Isopropyltoluene	119	10.308	10.308	(0.993)	172238	21.5959	22
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	231951	50.0000	
	109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	97882	19.7982	20
	110 Benzyl Chloride	91	10.496	10.496	(1.011)	80088	15.5743	16
	106 n-Butylbenzene	91	10.594	10.594	(1.020)	146889	20.8108	21
	111 1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	89276	19.9645	20
	112 1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	10227	19.3686	19
	113 Camphor	95	11.756	11.756	(1.132)	29662	89.5726	90
	114 1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	51757	18.7933	19
	115 Hexachlorobutadiene	225	11.914	11.914	(1.148)	27644	18.2367	18
	116 Naphthalene	128	12.066	12.066	(1.162)	132178	18.7182	19
	117 1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	44780	18.8051	19
M	120 1,2-Dichloroethene (Total)	100				100536	39.9267	40
M	121 Xylene (Total)	100				258989	64.9248	65

Data File: /chem/VOAMS3.i/8260_09/03-06-12/08mar12.b/c66358.d
Report Date: 08-Mar-2012 09:19

QC Flag Legend

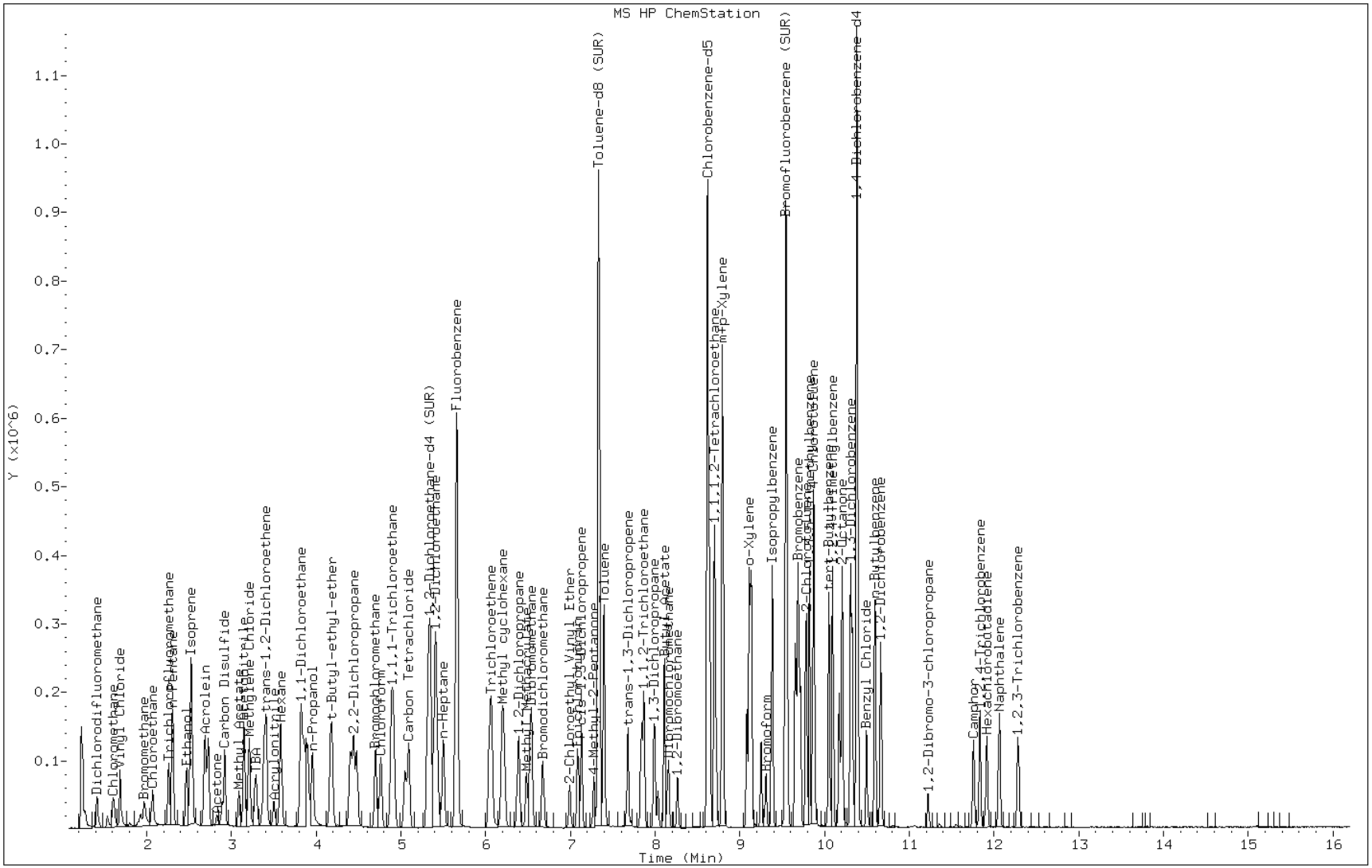
R - Spike/Surrogate failed recovery limits.

Data File: c66358.d

Date: 08-MAR-2012 09:02

Client ID: Instrument: VOAMS3.i

Sample Info: LCS Operator: VOA GC/MS3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-105201/3

Matrix: Water | Lab File ID: c66419.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 10:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	15.6		1.0	0.22
74-87-3	Chloromethane	21.9		1.0	0.10
74-83-9	Bromomethane	11.1		1.0	0.18
75-01-4	Vinyl chloride	21.0		1.0	0.14
75-00-3	Chloroethane	22.0		1.0	0.17
75-69-4	Trichlorofluoromethane	22.3		1.0	0.15
76-13-1	Freon TF	23.4		1.0	0.080
75-09-2	Methylene Chloride	22.9		1.0	0.18
67-64-1	Acetone	25.0		5.0	2.7
75-15-0	Carbon disulfide	24.4		1.0	0.13
79-20-9	Methyl acetate	18.3		2.0	0.34
75-35-4	1,1-Dichloroethene	20.9		1.0	0.090
75-34-3	1,1-Dichloroethane	21.3		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.2		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.13
1634-04-4	MTBE	23.0		1.0	0.14
67-66-3	Chloroform	21.5		1.0	0.080
107-06-2	1,2-Dichloroethane	23.1		1.0	0.19
78-93-3	2-Butanone	20.5		5.0	2.3
71-55-6	1,1,1-Trichloroethane	20.9		1.0	0.060
110-82-7	Cyclohexane	22.6		1.0	0.16
56-23-5	Carbon tetrachloride	21.9		1.0	0.060
75-27-4	Bromodichloromethane	22.1		1.0	0.12
78-87-5	1,2-Dichloropropane	21.3		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	22.3		1.0	0.18
79-01-6	Trichloroethene	20.7		1.0	0.090
108-87-2	Methylcyclohexane	23.0		1.0	0.14
124-48-1	Dibromochloromethane	22.4		1.0	0.20
79-00-5	1,1,2-Trichloroethane	22.3		1.0	0.19
71-43-2	Benzene	21.2		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	22.6		1.0	0.24
75-25-2	Bromoform	22.7		1.0	0.19
98-82-8	Isopropylbenzene	23.9		1.0	0.080
108-10-1	4-Methyl-2-pentanone	20.8		5.0	0.99
591-78-6	2-Hexanone	20.0		5.0	0.50
127-18-4	Tetrachloroethene	22.2		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-105201/3

Matrix: Water | Lab File ID: c66419.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 10:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	21.1		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	21.9		1.0	0.16
108-90-7	Chlorobenzene	21.9		1.0	0.11
100-41-4	Ethylbenzene	22.4		1.0	0.10
1330-20-7	Xylenes, Total	69.8		3.0	0.36
100-42-5	Styrene	23.5		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		1.0	0.40
541-73-1	1,3-Dichlorobenzene	23.5		1.0	0.14
106-46-7	1,4-Dichlorobenzene	23.5		1.0	0.23
95-50-1	1,2-Dichlorobenzene	24.0		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	23.6		1.0	0.34
106-93-4	1,2-Dibromoethane	22.1		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66419.d
Report Date: 09-Mar-2012 11:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66419.d
Lab Smp Id: LCS
Inj Date : 09-MAR-2012 10:33
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/8260_09.m
Meth Date : 09-Mar-2012 10:24 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	31121	15.6181	16
3 Chloromethane	50	1.602	1.602	(0.283)	60446	21.8679	22
4 Vinyl Chloride	62	1.687	1.687	(0.298)	60581	21.0499	21
6 Bromomethane	94	1.967	1.967	(0.348)	11056	11.1068	11
5 Chloroethane	64	2.058	2.058	(0.364)	40843	21.9703	22
7 Trichlorofluoromethane	101	2.253	2.259	(0.398)	71547	22.2826	22
8 n-Pentane	72	2.302	2.302	(0.407)	10989	30.6854	31
10 Isoprene	67	2.527	2.527	(0.446)	84226	24.4389	24
11 Ethyl Ether	59	2.515	2.515	(0.444)	52723	24.5505	24
13 Acrolein	56	2.697	2.697	(0.477)	29973	45.8672	46
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	43384	20.9224	21
14 Freon TF	101	2.685	2.691	(0.474)	49888	23.4089	23
16 Acetone	43	2.831	2.831	(0.500)	20450	24.9552	25
18 Carbon Disulfide	76	2.922	2.922	(0.516)	133268	24.3654	24
21 Acetonitrile	39	3.147	3.147	(0.556)	35937	497.763	500
27 Methyl Acetate	43	3.093	3.093	(0.546)	65974	18.3133	18

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66419.d
Report Date: 09-Mar-2012 11:00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	55392	22.8653	23
	24 TBA	59	3.293	3.293	(0.582)	115476	441.735	440
	25 trans-1,2-Dichloroethene	96	3.409	3.415	(0.602)	50782	20.7097	21
	26 Acrylonitrile	53	3.500	3.500	(0.618)	30384	24.4042	24
	28 MTBE	73	3.385	3.391	(0.598)	159452	22.9711	23
	29 Hexane	56	3.579	3.579	(0.632)	42447	23.2671	23
	30 1,1-Dichloroethane	63	3.853	3.859	(0.681)	105108	21.2832	21
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	114698	35.9619	36(R)
	32 DIPE	45	3.823	3.823	(0.675)	188440	21.2897	21
	34 n-Propanol	60	3.963	3.963	(0.700)	42603	3800.19	3800
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	173315	22.4178	22
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	78938	21.3431	21
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	59028	21.2020	21
	38 2-Butanone	72	4.474	4.480	(0.790)	7703	20.4763	20
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	13748	40.3368	40
	40 Bromochloromethane	128	4.705	4.699	(0.831)	29375	21.8542	22
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	20528	20.4160	20
	42 Chloroform	83	4.766	4.760	(0.842)	95989	21.4978	21
	43 1,1,1-Trichloroethane	97	4.912	4.918	(0.868)	76176	20.9398	21
	44 Cyclohexane	56	4.893	4.893	(0.865)	96922	22.5936	22
	45 Carbon Tetrachloride	117	5.051	5.046	(0.892)	65739	21.8599	22
	46 1,1-Dichloropropene	75	5.094	5.088	(0.900)	72490	20.6278	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.343	5.344	(0.944)	195189	51.4723	51
	48 Benzene	78	5.319	5.319	(0.617)	226798	21.2355	21
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	74070	23.1211	23
	51 n-Heptane	57	5.502	5.502	(0.972)	38974	24.9814	25(R)
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	151925	23.4600	23
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	250837	44.1026	44
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	652980	50.0000	
	54 Trichloroethene	95	6.074	6.074	(1.073)	54664	20.7031	21
	53 n-Butanol	41	6.049	6.049	(1.069)	82986	1784.00	1800
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	87492	23.0283	23
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	142148	22.0707	22
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	64076	21.3387	21
	58 Dibromomethane	93	6.524	6.524	(1.153)	34948	22.0754	22
	60 1,4-Dioxane	88	6.518	6.518	(1.152)	5322	189.650	190(R)
	59 Methyl Methacrylate	100	6.487	6.481	(1.146)	14787	21.6536	22
	75 Propyl Acetate	43	6.542	6.542	(1.156)	151396	41.2729	41
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	71567	22.1105	22
	62 2-Chloroethyl Vinyl Ether	63	6.998	6.992	(1.236)	31208	21.3431	21
	63 Epichlorohydrin	57	7.089	7.090	(0.822)	106470	418.564	420
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	92761	22.2899	22
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	51460	20.8057	21
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	620111	50.1141	50
	66 Toluene	91	7.400	7.400	(0.858)	237697	21.0758	21
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	81210	22.6277	23
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	44136	22.3205	22

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66419.d
Report Date: 09-Mar-2012 11:00

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
	71	Tetrachloroethene	166	7.868	7.868	(0.912)	61245	22.2095	22
	72	1,3-Dichloropropane	76	7.990	7.990	(0.927)	92596	22.7092	23
	73	2-Hexanone	43	8.032	8.033	(0.932)	34007	20.0111	20
	74	Dibromochloromethane	129	8.154	8.154	(0.946)	52733	22.3580	22
	76	Butyl Acetate	73	8.112	8.112	(0.941)	26978	42.2707	42
	77	1,2-Dibromoethane	107	8.264	8.264	(0.958)	50498	22.0830	22
*	78	Chlorobenzene-d5	117	8.623	8.623	(1.000)	473507	50.0000	
	79	Chlorobenzene	112	8.641	8.641	(1.002)	152146	21.9288	22
	80	1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	51287	22.3604	22
	81	Ethylbenzene	106	8.702	8.702	(1.009)	79547	22.4403	22
	82	m+p-Xylene	106	8.799	8.799	(1.020)	197985	46.7692	47
	84	o-Xylene	106	9.115	9.115	(1.057)	97368	23.0314	23
	85	Styrene	104	9.134	9.134	(1.059)	166972	23.5365	24(R)
	83	Butyl Acrylate	73	9.085	9.085	(1.054)	37190	22.7322	23(R)
	86	Bromoform	173	9.310	9.310	(1.080)	34861	22.7383	23
	88	Isopropylbenzene	105	9.383	9.383	(1.088)	242032	23.9396	24
$	89	Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	211418	48.9502	49
	90	Camphene (total)	41	9.559	9.560	(1.109)	20858	26.0230	26
	91	Bromobenzene	156	9.657	9.657	(0.930)	66498	22.2414	22
	92	1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	66555	21.9375	22
	93	1,2,3-Trichloropropane	110	9.711	9.712	(0.936)	19286	22.2629	22
	94	trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	16833	24.2834	24
	95	n-Propylbenzene	91	9.687	9.687	(0.933)	291457	23.4292	23
	96	2-Chlorotoluene	91	9.784	9.785	(0.943)	174628	22.8000	23
	97	1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	199416	23.4140	23
	98	4-Chlorotoluene	91	9.870	9.870	(0.951)	184300	23.3232	23
	99	Butyl Methacrylate	87	9.876	9.876	(0.951)	66193	20.3588	20
	100	tert-Butylbenzene	119	10.052	10.052	(0.968)	168362	23.2861	23(R)
	101	1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	203804	23.8266	24
	102	2-Octanone	43	10.174	10.174	(0.980)	86426	22.4015	22
	103	sec-Butylbenzene	105	10.210	10.210	(0.984)	253595	24.0910	24
	104	2-Octanol	45	10.198	10.198	(0.982)	21390	21.8896	22(R)
	105	1,3-Dichlorobenzene	146	10.326	10.326	(0.995)	123171	23.5314	24
	107	p-Isopropyltoluene	119	10.308	10.308	(0.993)	209643	24.3074	24
*	108	1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	250830	50.0000	
	109	1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	125435	23.4617	23
	110	Benzyl Chloride	91	10.496	10.496	(1.011)	99900	17.9648	18
	106	n-Butylbenzene	91	10.594	10.594	(1.020)	185339	24.2819	24
	111	1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	115981	23.9843	24
	112	1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	11558	20.2419	20
	113	Camphor	95	11.756	11.756	(1.132)	32057	89.5200	90
	114	1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	70345	23.6204	24
	115	Hexachlorobutadiene	225	11.914	11.914	(1.148)	35703	21.7800	22
	116	Naphthalene	128	12.066	12.066	(1.162)	167007	21.8702	22
	117	1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	58834	22.8471	23
M	120	1,2-Dichloroethene (Total)	100				109810	41.9117	42
M	121	Xylene (Total)	100				295353	69.8006	70

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66419.d
Report Date: 09-Mar-2012 11:00

QC Flag Legend

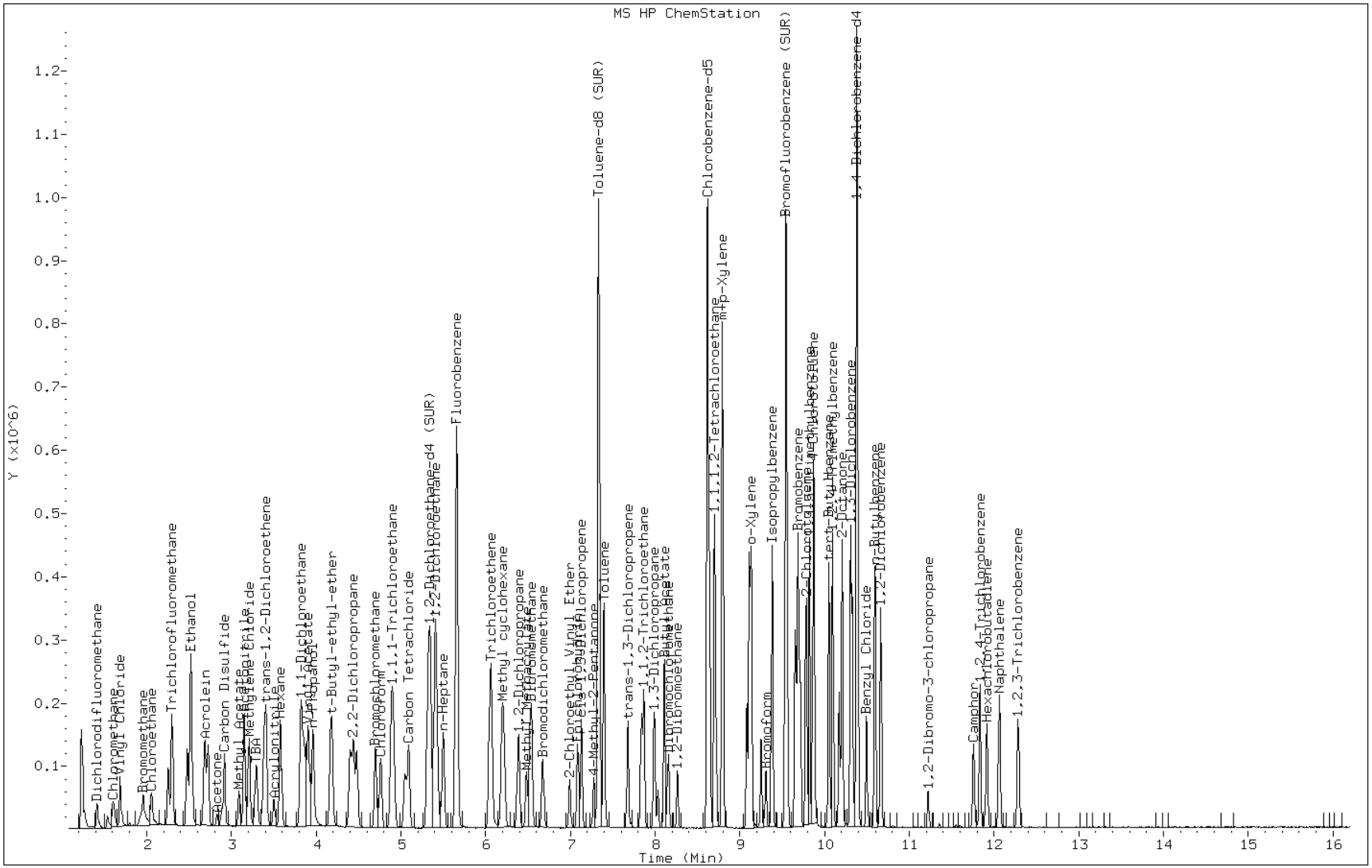
R - Spike/Surrogate failed recovery limits.

Data File: c66419.d

Date: 09-MAR-2012 10:33

Client ID: Instrument: VOAMS3.i

Sample Info: LCS Operator: VOA GC/MS3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-5 MS | Lab Sample ID: 460-37525-2 MS

Matrix: Water | Lab File ID: c66425.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:55

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 12:57

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	116		5.0	1.1
74-87-3	Chloromethane	130		5.0	0.50
74-83-9	Bromomethane	98.0		5.0	0.90
75-01-4	Vinyl chloride	119		5.0	0.70
75-00-3	Chloroethane	125		5.0	0.85
75-69-4	Trichlorofluoromethane	124		5.0	0.75
76-13-1	Freon TF	122		5.0	0.40
75-09-2	Methylene Chloride	119		5.0	0.90
67-64-1	Acetone	141		25	13
75-15-0	Carbon disulfide	123		5.0	0.65
79-20-9	Methyl acetate	95.9		10	1.7
75-35-4	1,1-Dichloroethene	107		5.0	0.45
75-34-3	1,1-Dichloroethane	106		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	111		5.0	0.90
156-60-5	trans-1,2-Dichloroethene	104		5.0	0.65
1634-04-4	MTBE	114		5.0	0.70
67-66-3	Chloroform	109		5.0	0.40
107-06-2	1,2-Dichloroethane	115		5.0	0.95
78-93-3	2-Butanone	110		25	12
71-55-6	1,1,1-Trichloroethane	107		5.0	0.30
110-82-7	Cyclohexane	114		5.0	0.80
56-23-5	Carbon tetrachloride	112		5.0	0.30
75-27-4	Bromodichloromethane	114		5.0	0.60
78-87-5	1,2-Dichloropropane	108		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	111		5.0	0.90
79-01-6	Trichloroethene	240		5.0	0.45
108-87-2	Methylcyclohexane	120		5.0	0.70
124-48-1	Dibromochloromethane	116		5.0	1.0
79-00-5	1,1,2-Trichloroethane	113		5.0	0.95
71-43-2	Benzene	107		5.0	0.40
10061-02-6	trans-1,3-Dichloropropene	111		5.0	1.2
75-25-2	Bromoform	116		5.0	0.95
98-82-8	Isopropylbenzene	118		5.0	0.40
108-10-1	4-Methyl-2-pentanone	105		25	5.0
591-78-6	2-Hexanone	98.9		25	2.5
127-18-4	Tetrachloroethene	112		5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-5 MS | Lab Sample ID: 460-37525-2 MS

Matrix: Water | Lab File ID: c66425.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:55

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 12:57

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	106		5.0	0.75
79-34-5	1,1,2,2-Tetrachloroethane	109		5.0	0.80
108-90-7	Chlorobenzene	111		5.0	0.55
100-41-4	Ethylbenzene	111		5.0	0.50
1330-20-7	Xylenes, Total	345		15	1.8
100-42-5	Styrene	117		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	104		5.0	2.0
541-73-1	1,3-Dichlorobenzene	116		5.0	0.70
106-46-7	1,4-Dichlorobenzene	115		5.0	1.2
95-50-1	1,2-Dichlorobenzene	120		5.0	1.1
120-82-1	1,2,4-Trichlorobenzene	115		5.0	1.7
106-93-4	1,2-Dibromoethane	112		5.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66425.d
Report Date: 09-Mar-2012 14:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66425.d
Lab Smp Id: 460-37525-B-2MS
Inj Date : 09-MAR-2012 12:57
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-B-2MS;5
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/8260_09.m
Meth Date : 09-Mar-2012 10:24 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 9 QC Sample: MS
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	46183	23.2123	120
3 Chloromethane	50	1.602	1.602	(0.283)	71807	26.0177	130
4 Vinyl Chloride	62	1.687	1.687	(0.298)	68466	23.8259	120
6 Bromomethane	94	1.967	1.967	(0.348)	19482	19.6011	98
5 Chloroethane	64	2.058	2.058	(0.364)	46364	24.9783	120
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	79373	24.7577	120
8 n-Pentane	72	2.302	2.302	(0.407)	11179	31.2640	160
10 Isoprene	67	2.527	2.527	(0.446)	83701	24.3236	120
11 Ethyl Ether	59	2.515	2.515	(0.444)	51316	23.9315	120
13 Acrolein	56	2.697	2.697	(0.477)	23807	36.4872	180
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	44248	21.3714	110
14 Freon TF	101	2.685	2.691	(0.474)	52109	24.4887	120
16 Acetone	43	2.831	2.831	(0.500)	23131	28.2697	140
18 Carbon Disulfide	76	2.922	2.922	(0.516)	134778	24.6790	120
21 Acetonitrile	39	3.147	3.147	(0.556)	34685	481.154	2400
27 Methyl Acetate	43	3.093	3.093	(0.546)	68962	19.1719	96

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66425.d
Report Date: 09-Mar-2012 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	57711	23.8589	120(R)
	24 TBA	59	3.293	3.293	(0.582)	118842	455.302	2300(R)
	25 trans-1,2-Dichloroethene	96	3.409	3.415	(0.602)	50684	20.7014	100
	26 Acrylonitrile	53	3.500	3.500	(0.618)	27022	21.7371	110
	28 MTBE	73	3.391	3.391	(0.599)	157402	22.7103	110
	29 Hexane	56	3.579	3.579	(0.632)	43112	23.6674	120
	30 1,1-Dichloroethane	63	3.859	3.859	(0.682)	104585	21.2094	110
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	106308	33.3822	170(R)
	32 DIPE	45	3.823	3.823	(0.675)	187725	21.2412	110
	34 n-Propanol	60	3.963	3.963	(0.700)	40470	3615.46	18000
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	174873	22.6538	110
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	80714	21.8566	110
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	61573	22.1500	110
	38 2-Butanone	72	4.474	4.480	(0.790)	8243	21.9445	110
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	13807	40.5731	200
	40 Bromochloromethane	128	4.699	4.699	(0.830)	29947	22.3142	110
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	20182	20.1027	100
	42 Chloroform	83	4.759	4.760	(0.841)	96916	21.7386	110
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	77576	21.3573	110
	44 Cyclohexane	56	4.893	4.893	(0.865)	97569	22.7790	110
	45 Carbon Tetrachloride	117	5.051	5.046	(0.892)	67088	22.3425	110
	46 1,1-Dichloropropene	75	5.088	5.088	(0.899)	71573	20.3978	100
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.350	5.344	(0.945)	195542	51.6442	52
	48 Benzene	78	5.319	5.319	(0.617)	228583	21.3127	110
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	73504	22.9794	110
	51 n-Heptane	57	5.502	5.502	(0.972)	39005	25.0391	120(R)
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	150516	23.2779	120
	61 Isopropyl Acetate	43	5.410	5.404	(0.956)	247972	43.6653	220
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	651986	50.0000	
	54 Trichloroethene	95	6.067	6.074	(1.072)	126657	48.0423	240(R)
	53 n-Butanol	41	6.049	6.049	(1.069)	79201	1705.24	8500
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	91158	24.0298	120
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	144271	22.4344	110(R)
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	64649	21.5623	110
	58 Dibromomethane	93	6.524	6.524	(1.153)	35513	22.4661	110
	60 1,4-Dioxane	88	6.524	6.518	(1.153)	4760	169.904	850
	59 Methyl Methacrylate	100	6.487	6.481	(1.146)	13895	20.3778	100
	75 Propyl Acetate	43	6.542	6.542	(1.156)	152085	41.5240	210
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	73524	22.7500	110
	62 2-Chloroethyl Vinyl Ether	63	6.998	6.992	(1.236)	30263	20.7281	100
	63 Epichlorohydrin	57	7.089	7.090	(0.822)	105236	411.973	2000
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	93029	22.2603	110
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	52062	20.9605	100
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	622980	50.1341	50
	66 Toluene	91	7.400	7.400	(0.858)	239779	21.1709	100
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	79896	22.1680	110
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	44848	22.5852	110

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66425.d
Report Date: 09-Mar-2012 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	62153	22.4438	110
	72 1,3-Dichloropropane	76	7.990	7.990	(0.927)	92905	22.6891	110
	73 2-Hexanone	43	8.032	8.033	(0.932)	33746	19.7744	99
	74 Dibromochloromethane	129	8.154	8.154	(0.946)	54782	23.1290	120
	76 Butyl Acetate	73	8.112	8.112	(0.941)	27221	42.4716	210
	77 1,2-Dibromoethane	107	8.264	8.264	(0.958)	51352	22.3618	110
*	78 Chlorobenzene-d5	117	8.623	8.623	(1.000)	475508	50.0000	
	79 Chlorobenzene	112	8.641	8.641	(1.002)	154921	22.2348	110
	80 1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	51605	22.4045	110
	81 Ethylbenzene	106	8.702	8.702	(1.009)	79305	22.2779	110
	82 m+p-Xylene	106	8.799	8.799	(1.020)	195560	46.0019	230
	84 o-Xylene	106	9.115	9.115	(1.057)	97896	23.0589	120
	85 Styrene	104	9.134	9.134	(1.059)	167416	23.4998	120(R)
	83 Butyl Acrylate	73	9.085	9.085	(1.054)	36421	22.1686	110(R)
	86 Bromoform	173	9.310	9.310	(1.080)	35602	23.1241	120
	88 Isopropylbenzene	105	9.383	9.383	(1.088)	239633	23.6026	120
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	210071	48.6458	49
	90 Camphene (total)	41	9.553	9.560	(1.108)	22139	27.5044	140(R)
	91 Bromobenzene	156	9.651	9.657	(0.930)	67054	22.4308	110
	92 1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	66071	21.7814	110
	93 1,2,3-Trichloropropane	110	9.711	9.712	(0.936)	19373	22.3671	110
	94 trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	16173	23.3350	120
	95 n-Propylbenzene	91	9.687	9.687	(0.933)	289090	23.2425	120
	96 2-Chlorotoluene	91	9.784	9.785	(0.943)	174957	22.8465	110
	97 1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	198859	23.3521	120
	98 4-Chlorotoluene	91	9.870	9.870	(0.951)	184344	23.3324	120
	99 Butyl Methacrylate	87	9.876	9.876	(0.951)	64351	19.7955	99
	100 tert-Butylbenzene	119	10.052	10.052	(0.968)	165598	22.9073	110
	101 1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	203901	23.8417	120
	102 2-Octanone	43	10.174	10.174	(0.980)	99523	25.8002	130(R)
	103 sec-Butylbenzene	105	10.210	10.210	(0.984)	253908	24.1245	120
	104 2-Octanol	45	10.198	10.198	(0.982)	23587	24.1142	120(R)
	105 1,3-Dichlorobenzene	146	10.326	10.326	(0.995)	121932	23.2983	120
	107 p-Isopropyltoluene	119	10.308	10.308	(0.993)	209916	24.3428	120
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	250792	50.0000	
	109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	123201	23.0473	120
	110 Benzyl Chloride	91	10.496	10.496	(1.011)	100511	18.0775	90
	106 n-Butylbenzene	91	10.594	10.594	(1.020)	177463	23.2536	120
	111 1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	116449	24.0848	120
	112 1,2-Dibromo-3-chloropropane	75	11.220	11.220	(1.081)	11891	20.8281	100
	113 Camphor	95	11.756	11.756	(1.132)	33282	92.9529	460
	114 1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	68210	22.9068	110
	115 Hexachlorobutadiene	225	11.914	11.914	(1.148)	35461	21.6359	110
	116 Naphthalene	128	12.066	12.066	(1.162)	155940	20.4241	100
	117 1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	56568	21.9707	110
M	120 1,2-Dichloroethene (Total)	100				112258	42.8514	210
M	121 Xylene (Total)	100				293456	69.0608	340

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66425.d
Report Date: 09-Mar-2012 14:24

QC Flag Legend

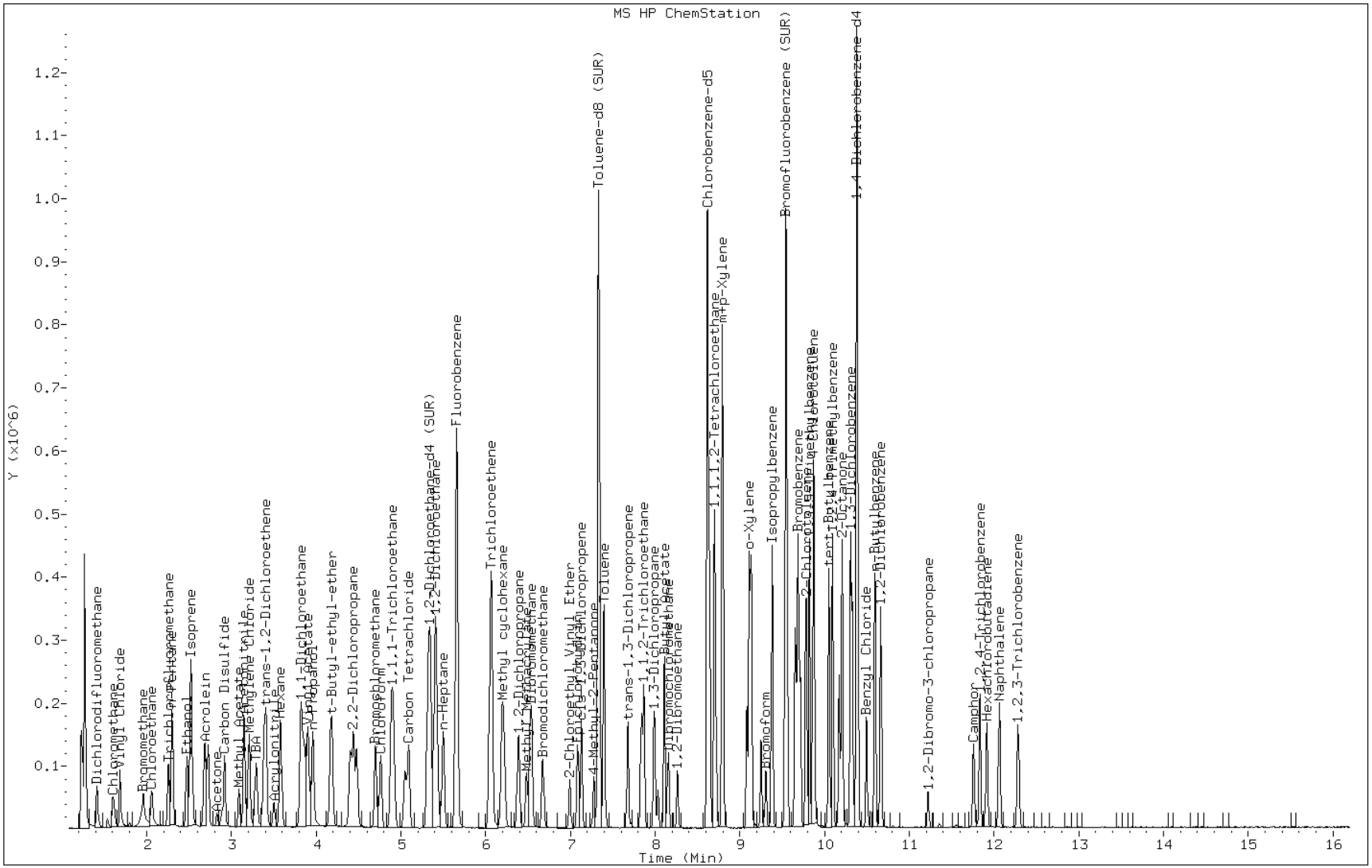
R - Spike/Surrogate failed recovery limits.

Data File: c66425.d

Date: 09-MAR-2012 12:57

Client ID: Instrument: VOAMS3.i

Sample Info: 460-37525-B-2MS;5 Operator: VOA GC/MS3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-5 MSD | Lab Sample ID: 460-37525-2 MSD

Matrix: Water | Lab File ID: c66426.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:55

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 13:20

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	126		5.0	1.1
74-87-3	Chloromethane	136		5.0	0.50
74-83-9	Bromomethane	102		5.0	0.90
75-01-4	Vinyl chloride	129		5.0	0.70
75-00-3	Chloroethane	131		5.0	0.85
75-69-4	Trichlorofluoromethane	129		5.0	0.75
76-13-1	Freon TF	125		5.0	0.40
75-09-2	Methylene Chloride	122		5.0	0.90
67-64-1	Acetone	153		25	13
75-15-0	Carbon disulfide	128		5.0	0.65
79-20-9	Methyl acetate	100		10	1.7
75-35-4	1,1-Dichloroethene	113		5.0	0.45
75-34-3	1,1-Dichloroethane	111		5.0	0.65
156-59-2	cis-1,2-Dichloroethene	115		5.0	0.90
156-60-5	trans-1,2-Dichloroethene	106		5.0	0.65
1634-04-4	MTBE	117		5.0	0.70
67-66-3	Chloroform	113		5.0	0.40
107-06-2	1,2-Dichloroethane	120		5.0	0.95
78-93-3	2-Butanone	112		25	12
71-55-6	1,1,1-Trichloroethane	111		5.0	0.30
110-82-7	Cyclohexane	119		5.0	0.80
56-23-5	Carbon tetrachloride	114		5.0	0.30
75-27-4	Bromodichloromethane	116		5.0	0.60
78-87-5	1,2-Dichloropropane	111		5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	114		5.0	0.90
79-01-6	Trichloroethene	248		5.0	0.45
108-87-2	Methylcyclohexane	123		5.0	0.70
124-48-1	Dibromochloromethane	121		5.0	1.0
79-00-5	1,1,2-Trichloroethane	118		5.0	0.95
71-43-2	Benzene	112		5.0	0.40
10061-02-6	trans-1,3-Dichloropropene	116		5.0	1.2
75-25-2	Bromoform	122		5.0	0.95
98-82-8	Isopropylbenzene	125		5.0	0.40
108-10-1	4-Methyl-2-pentanone	112		25	5.0
591-78-6	2-Hexanone	107		25	2.5
127-18-4	Tetrachloroethene	119		5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-37525-1

SDG No.:

Client Sample ID: OW-5 MSD | Lab Sample ID: 460-37525-2 MSD

Matrix: Water | Lab File ID: c66426.d

Analysis Method: 8260B | Date Collected: 03/02/2012 14:55

Sample wt/vol: 5(mL) | Date Analyzed: 03/09/2012 13:20

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 105201 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	112		5.0	0.75
79-34-5	1,1,2,2-Tetrachloroethane	110		5.0	0.80
108-90-7	Chlorobenzene	116		5.0	0.55
100-41-4	Ethylbenzene	118		5.0	0.50
1330-20-7	Xylenes, Total	368		15	1.8
100-42-5	Styrene	123		5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	107		5.0	2.0
541-73-1	1,3-Dichlorobenzene	120		5.0	0.70
106-46-7	1,4-Dichlorobenzene	119		5.0	1.2
95-50-1	1,2-Dichlorobenzene	124		5.0	1.1
120-82-1	1,2,4-Trichlorobenzene	122		5.0	1.7
106-93-4	1,2-Dibromoethane	116		5.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-130
2037-26-5	Toluene-d8 (Surr)	101		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66426.d
Report Date: 09-Mar-2012 14:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66426.d
Lab Smp Id: 460-37525-B-2MSD
Inj Date : 09-MAR-2012 13:20
Operator : VOA GC/MS3 Inst ID: VOAMS3.i
Smp Info : 460-37525-B-2MSD;5
Misc Info :
Comment :
Method : /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/8260_09.m
Meth Date : 09-Mar-2012 10:24 desais Quant Type: ISTD
Cal Date : 06-MAR-2012 20:26 Cal File: c66270.d
Als bottle: 10 QC Sample: MSD
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.414	1.414	(0.250)	49084	25.1555	120
3 Chloromethane	50	1.602	1.602	(0.283)	73709	27.2322	140
4 Vinyl Chloride	62	1.687	1.687	(0.298)	72940	25.8819	130
6 Bromomethane	94	1.967	1.967	(0.348)	19857	20.3715	100
5 Chloroethane	64	2.064	2.058	(0.365)	47545	26.1184	130
7 Trichlorofluoromethane	101	2.259	2.259	(0.399)	81092	25.7913	130
8 n-Pentane	72	2.302	2.302	(0.407)	11820	33.7065	170(R)
10 Isoprene	67	2.527	2.527	(0.446)	87357	25.8852	130
11 Ethyl Ether	59	2.515	2.515	(0.444)	52325	24.8823	120
13 Acrolein	56	2.697	2.697	(0.477)	25892	40.4634	200
15 1,1-Dichloroethene	96	2.728	2.728	(0.482)	45934	22.6221	110
14 Freon TF	101	2.685	2.691	(0.474)	52024	24.9292	120
16 Acetone	43	2.831	2.831	(0.500)	24566	30.6140	150
18 Carbon Disulfide	76	2.922	2.922	(0.516)	136604	25.5053	130
21 Acetonitrile	39	3.147	3.147	(0.556)	34024	481.264	2400
27 Methyl Acetate	43	3.093	3.093	(0.546)	70621	20.0192	100

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66426.d
Report Date: 09-Mar-2012 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	22 Methylene Chloride	84	3.208	3.208	(0.567)	57860	24.3909	120(R)
	24 TBA	59	3.293	3.293	(0.582)	121507	474.668	2400(R)
	25 trans-1,2-Dichloroethene	96	3.415	3.415	(0.603)	51005	21.2423	110
	26 Acrylonitrile	53	3.506	3.500	(0.620)	27483	22.5423	110
	28 MTBE	73	3.385	3.391	(0.598)	159515	23.4679	120(R)
	29 Hexane	56	3.585	3.579	(0.633)	45170	25.2849	130
	30 1,1-Dichloroethane	63	3.853	3.859	(0.681)	107044	22.1351	110
	31 Vinyl Acetate	43	3.877	3.877	(0.685)	103282	33.0696	160(R)
	32 DIPE	45	3.823	3.823	(0.675)	192751	22.2389	110
	34 n-Propanol	60	3.963	3.963	(0.700)	39702	3616.63	18000
	35 t-Butyl-ethyl-ether	59	4.182	4.182	(0.739)	179348	23.6905	120
	37 2,2-Dichloropropane	77	4.407	4.407	(0.779)	83618	23.0883	120
	36 cis-1,2-Dichloroethene	96	4.443	4.443	(0.785)	62742	23.0142	120
	38 2-Butanone	72	4.480	4.480	(0.791)	8280	22.4770	110
	39 Ethyl Acetate	70	4.480	4.480	(0.791)	13698	41.0444	200
	40 Bromochloromethane	128	4.699	4.699	(0.830)	29977	22.7752	110
	41 Tetrahydrofuran	42	4.705	4.705	(0.831)	20732	21.0567	100
	42 Chloroform	83	4.766	4.760	(0.842)	99168	22.6811	110
	43 1,1,1-Trichloroethane	97	4.918	4.918	(0.869)	79024	22.1837	110
	44 Cyclohexane	56	4.893	4.893	(0.865)	99614	23.7139	120
	45 Carbon Tetrachloride	117	5.052	5.046	(0.892)	66994	22.7498	110
	46 1,1-Dichloropropene	75	5.094	5.088	(0.900)	73731	21.4261	110
$	47 1,2-Dichloroethane-d4 (SUR)	65	5.344	5.344	(0.944)	194114	52.2752	52
	48 Benzene	78	5.319	5.319	(0.617)	234393	22.4022	110
	49 1,2-Dichloroethane	62	5.435	5.435	(0.960)	75372	24.0267	120(R)
	51 n-Heptane	57	5.502	5.502	(0.972)	40242	26.3414	130(R)
	50 t-Amyl-methyl-ether	73	5.404	5.404	(0.955)	153071	24.1385	120
	61 Isopropyl Acetate	43	5.404	5.404	(0.955)	257953	46.3162	230
*	52 Fluorobenzene	96	5.660	5.660	(1.000)	639412	50.0000	
	54 Trichloroethene	95	6.074	6.074	(1.073)	127987	49.5016	250(R)
	53 n-Butanol	41	6.055	6.049	(1.070)	81357	1786.11	8900
	56 Methyl cyclohexane	83	6.201	6.201	(1.096)	91678	24.6422	120
	55 Ethyl Acrylate	55	6.220	6.220	(1.099)	147165	23.3346	120(R)
	57 1,2-Dichloropropane	63	6.390	6.390	(1.129)	65341	22.2218	110
	58 Dibromomethane	93	6.524	6.524	(1.153)	36235	23.3740	120
	60 1,4-Dioxane	88	6.512	6.518	(1.150)	4881	177.655	890
	59 Methyl Methacrylate	100	6.481	6.481	(1.145)	15315	22.9012	110(R)
	75 Propyl Acetate	43	6.542	6.542	(1.156)	155438	43.2741	220
	68 Bromodichloromethane	83	6.676	6.676	(1.180)	73766	23.2736	120
	62 2-Chloroethyl Vinyl Ether	63	6.992	6.992	(1.235)	31615	22.0802	110(R)
	63 Epichlorohydrin	57	7.090	7.090	(0.822)	108206	434.218	2200
	67 cis-1,3-Dichloropropene	75	7.132	7.132	(0.827)	92941	22.7968	110
	70 4-Methyl-2-Pentanone	43	7.278	7.278	(0.844)	54341	22.4266	110
$	65 Toluene-d8 (SUR)	98	7.333	7.333	(0.850)	612065	50.4905	50
	66 Toluene	91	7.400	7.400	(0.858)	247746	22.4227	110
	64 trans-1,3-Dichloropropene	75	7.680	7.680	(0.891)	81588	23.2047	120
	69 1,1,2-Trichloroethane	83	7.838	7.838	(0.909)	45827	23.6567	120

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66426.d
Report Date: 09-Mar-2012 14:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	71 Tetrachloroethene	166	7.868	7.868	(0.912)	64210	23.7678	120
	72 1,3-Dichloropropane	76	7.990	7.990	(0.927)	94716	23.7113	120(R)
	73 2-Hexanone	43	8.032	8.033	(0.932)	35674	21.4277	110
	74 Dibromochloromethane	129	8.154	8.154	(0.946)	55930	24.2058	120(R)
	76 Butyl Acetate	73	8.112	8.112	(0.941)	28506	45.5917	230(R)
	77 1,2-Dibromoethane	107	8.264	8.264	(0.958)	51865	23.1513	120
*	78 Chlorobenzene-d5	117	8.623	8.623	(1.000)	463880	50.0000	
	79 Chlorobenzene	112	8.641	8.641	(1.002)	158188	23.2727	120
	80 1,1,1,2-Tetrachloroethane	131	8.714	8.714	(1.011)	52730	23.4669	120
	81 Ethylbenzene	106	8.702	8.702	(1.009)	82059	23.6296	120
	82 m+p-Xylene	106	8.799	8.799	(1.020)	204453	49.2996	250(R)
	84 o-Xylene	106	9.115	9.115	(1.057)	100524	24.2713	120(R)
	85 Styrene	104	9.134	9.134	(1.059)	171586	24.6890	120(R)
	83 Butyl Acrylate	73	9.085	9.085	(1.054)	37990	23.7031	120(R)
	86 Bromoform	173	9.310	9.310	(1.080)	36702	24.4362	120
	88 Isopropylbenzene	105	9.383	9.383	(1.088)	247264	24.9647	120
$	89 Bromofluorobenzene (SUR)	174	9.541	9.541	(0.919)	206671	48.3678	48
	90 Camphene (total)	41	9.559	9.560	(1.109)	22582	28.7586	140(R)
	91 Bromobenzene	156	9.651	9.657	(0.930)	69150	23.3780	120
	92 1,1,2,2-Tetrachloroethane	83	9.669	9.669	(0.931)	66325	22.0980	110
	93 1,2,3-Trichloropropane	110	9.712	9.712	(0.936)	20434	23.8423	120(R)
	94 trans-1,4-Dichloro-2-butene	53	9.718	9.718	(0.936)	17216	25.1039	120(R)
	95 n-Propylbenzene	91	9.693	9.687	(0.934)	302122	24.5488	120
	96 2-Chlorotoluene	91	9.785	9.785	(0.943)	181212	23.9152	120
	97 1,3,5-Trimethylbenzene	105	9.821	9.821	(0.946)	206625	24.5223	120(R)
	98 4-Chlorotoluene	91	9.870	9.870	(0.951)	192322	24.6012	120
	99 Butyl Methacrylate	87	9.876	9.876	(0.951)	64991	20.2051	100
	100 tert-Butylbenzene	119	10.052	10.052	(0.968)	171317	23.9506	120(R)
	101 1,2,4-Trimethylbenzene	105	10.095	10.095	(0.972)	208593	24.6499	120(R)
	102 2-Octanone	43	10.174	10.174	(0.980)	103664	27.1596	140(R)
	103 sec-Butylbenzene	105	10.210	10.210	(0.984)	258506	24.8228	120(R)
	104 2-Octanol	45	10.198	10.198	(0.982)	26718	27.5584	140(R)
	105 1,3-Dichlorobenzene	146	10.326	10.326	(0.995)	124005	23.9465	120
	107 p-Isopropyltoluene	119	10.308	10.308	(0.993)	217682	25.5120	130
*	108 1,4-Dichlorobenzene-d4	152	10.381	10.381	(1.000)	248151	50.0000	
	109 1,4-Dichlorobenzene	146	10.399	10.399	(1.002)	125744	23.7734	120
	110 Benzyl Chloride	91	10.496	10.496	(1.011)	100389	18.2476	91
	106 n-Butylbenzene	91	10.594	10.594	(1.020)	187115	24.7793	120
	111 1,2-Dichlorobenzene	146	10.667	10.667	(1.028)	118350	24.7384	120(R)
	112 1,2-Dibromo-3-chloropropane	75	11.226	11.220	(1.081)	12039	21.3114	110
	113 Camphor	95	11.762	11.756	(1.133)	36977	104.372	520
	114 1,2,4-Trichlorobenzene	180	11.835	11.835	(1.140)	71607	24.3037	120(R)
	115 Hexachlorobutadiene	225	11.914	11.914	(1.148)	37430	23.0800	120
	116 Naphthalene	128	12.066	12.066	(1.162)	170440	22.5609	110
	117 1,2,3-Trichlorobenzene	180	12.285	12.285	(1.183)	59178	23.2290	120
M	120 1,2-Dichloroethene (Total)	100				113747	44.2565	220
M	121 Xylene (Total)	100				304977	73.5709	370

Data File: /chem/VOAMS3.i/8260_09/03-06-12/09mar12.b/c66426.d
Report Date: 09-Mar-2012 14:24

QC Flag Legend

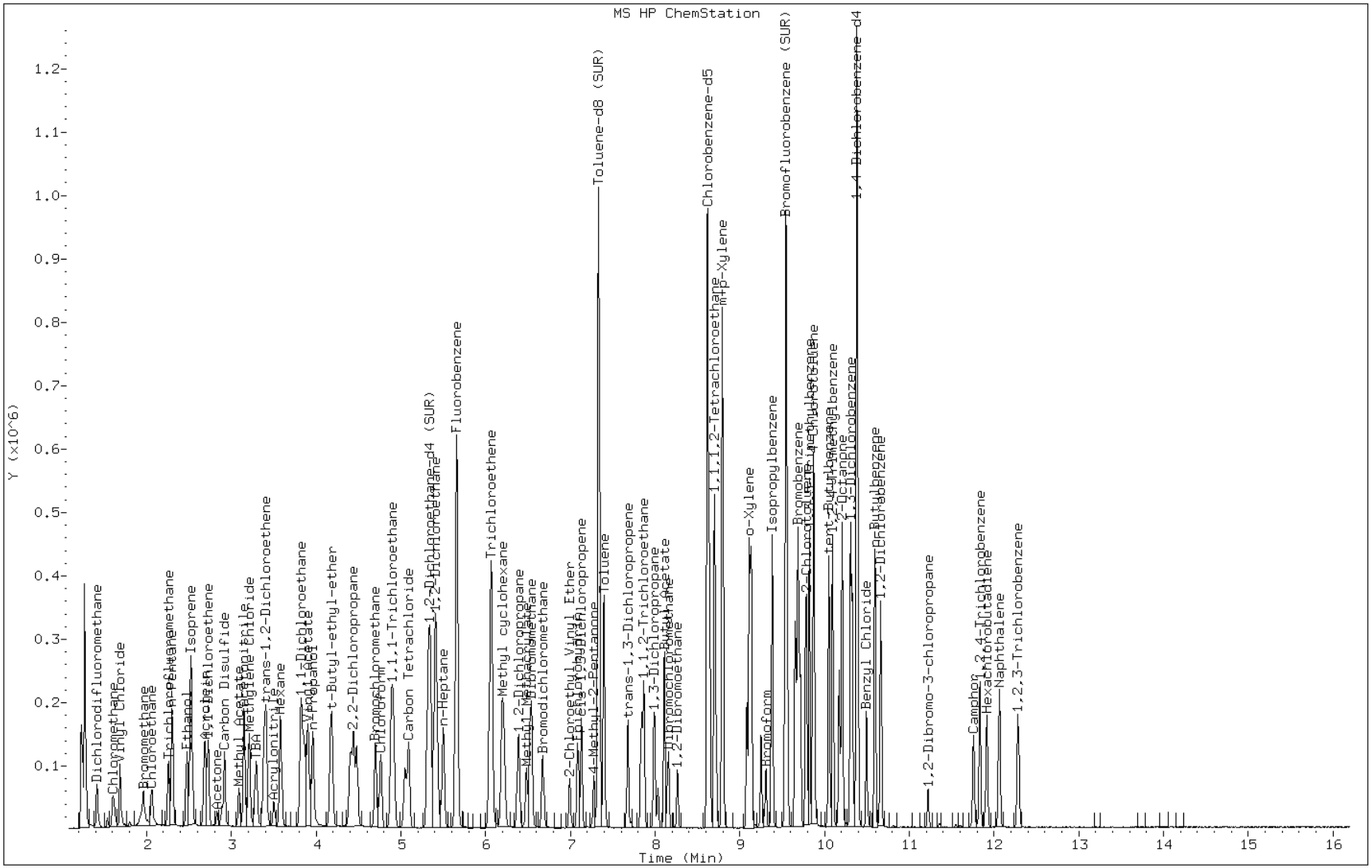
R - Spike/Surrogate failed recovery limits.

Data File: c66426.d

Date: 09-MAR-2012 13:20

Client ID: Instrument: VOAMS3.i

Sample Info: 460-37525-B-2MSD;5 Operator: VOA GC/MS3



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 03/06/2012 14:55

Analysis Batch Number: 104873 End Date: 03/06/2012 20:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-104873/1		03/06/2012 14:55	1	c66257.d	Rtx-624 0.25(mm)
IC 460-104873/2		03/06/2012 15:38	1	c66259.d	Rtx-624 0.25(mm)
ICIS 460-104873/3		03/06/2012 16:01	1	c66260.d	Rtx-624 0.25(mm)
IC 460-104873/4		03/06/2012 16:25	1	c66261.d	Rtx-624 0.25(mm)
IC 460-104873/5		03/06/2012 16:47	1	c66262.d	Rtx-624 0.25(mm)
IC 460-104873/6		03/06/2012 17:10	1	c66263.d	Rtx-624 0.25(mm)
IC 460-104873/7		03/06/2012 20:26	1	c66270.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 03/08/2012 08:23

Analysis Batch Number: 105030 End Date: 03/08/2012 19:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-105030/1		03/08/2012 08:23	1	c66356.d	Rtx-624 0.25(mm)
CCVIS 460-105030/2		03/08/2012 08:35	1	c66357.d	Rtx-624 0.25(mm)
LCS 460-105030/3		03/08/2012 09:02	1	c66358.d	Rtx-624 0.25(mm)
MB 460-105030/4		03/08/2012 10:18	1	c66361.d	Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 10:41	1		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 11:05	2		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 11:28	2		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 11:51	20		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 12:14	10		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 13:00	5		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 13:23	5		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 14:10	1		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 14:33	1		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 14:56	5		Rtx-624 0.25(mm)
460-37525-6	FB-030212	03/08/2012 16:06	1	c66376.d	Rtx-624 0.25(mm)
460-37525-7	Trip Blank	03/08/2012 16:29	1	c66377.d	Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 16:52	1		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 17:15	1		Rtx-624 0.25(mm)
ZZZZZ		03/08/2012 17:38	1		Rtx-624 0.25(mm)
460-37525-1	OW-4	03/08/2012 18:01	5	c66381.d	Rtx-624 0.25(mm)
460-37525-4	MW-35I	03/08/2012 18:48	10	c66383.d	Rtx-624 0.25(mm)
460-37525-5	DUP-030212	03/08/2012 19:11	10	c66384.d	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-37525-1

SDG No.:

Instrument ID: VOAMS3 Start Date: 03/09/2012 09:16

Analysis Batch Number: 105201 End Date: 03/09/2012 21:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-105201/1		03/09/2012 09:16	1	c66416.d	Rtx-624 0.25(mm)
CCVIS 460-105201/2		03/09/2012 10:05	1	c66418.d	Rtx-624 0.25(mm)
LCS 460-105201/3		03/09/2012 10:33	1	c66419.d	Rtx-624 0.25(mm)
MB 460-105201/4		03/09/2012 11:47	1	c66422.d	Rtx-624 0.25(mm)
460-37525-2	OW-5	03/09/2012 12:10	1	c66423.d	Rtx-624 0.25(mm)
460-37525-3	MW-34I	03/09/2012 12:34	10	c66424.d	Rtx-624 0.25(mm)
460-37525-2 MS	OW-5 MS	03/09/2012 12:57	5	c66425.d	Rtx-624 0.25(mm)
460-37525-2 MSD	OW-5 MSD	03/09/2012 13:20	5	c66426.d	Rtx-624 0.25(mm)
ZZZZZ		03/09/2012 15:42	1		Rtx-624 0.25(mm)
ZZZZZ		03/09/2012 20:49	5		Rtx-624 0.25(mm)
ZZZZZ		03/09/2012 21:12	5		Rtx-624 0.25(mm)

Shipping and Receiving Documents

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-37525-1

Login Number: 37525
List Number: 1
Creator: Hall, Alonzo

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	CLIENT C/S
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.6° C IR 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-38556-1

Job Description: 0771.0001Y000 MBA-Manorhaven

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Jeffrey Wills

Approved for release.
Larry Decker
Project Manager I
4/11/2012 10:51 AM

Larry Decker
Project Manager I
larry.decker@testamericainc.com
04/11/2012

cc: Ms. Sarah Kelly

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-38556-1

Job Description: 0771.0001Y000 MBA-Manorhaven

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Larry Decker
Project Manager I
4/11/2012 10:51 AM

Larry Decker

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CASE NARRATIVE

Client: Roux Associates, Inc.

Project: 0771.0001Y000 MBA-Manorhaven

Report Number: 460-38556-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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

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

RECEIPT

The samples were received on 03/31/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.9 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-38556-1 through 460-38556-7 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/05/2012.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 108324 were outside control limits for Acetone. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 108274 were outside control limits for Acetone; MS recoveries were also outside control limits for Carbon Tetrachloride and 2-Butanone. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

Samples 460-38556-1(10X), 460-38556-3(10X), 460-38556-4(10X), 460-38556-4(2X) and 460-38556-5(10X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-38556-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-38556-1	OW-4	Water	03/30/2012 0930	03/31/2012 0905
460-38556-2	OW-5	Water	03/30/2012 1120	03/31/2012 0905
460-38556-3	MW-34I	Water	03/30/2012 1220	03/31/2012 0905
460-38556-4	MW-35I	Water	03/30/2012 1315	03/31/2012 0905
460-38556-5	DUP-033012	Water	03/30/2012 0830	03/31/2012 0905
460-38556-6FB	FB-033012	Water	03/30/2012 1310	03/31/2012 0905
460-38556-7TB	TRIP BLANK	Water	03/30/2012 0930	03/31/2012 0905

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-38556-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-38556-1	**OW-4**					
Vinyl chloride		0.54	J	1.0	ug/L	8260B
1,1-Dichloroethene		6.6		1.0	ug/L	8260B
1,1-Dichloroethane		0.14	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.9		1.0	ug/L	8260B
cis-1,2-Dichloroethene		140		1.0	ug/L	8260B
Chloroform		0.20	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.21	J	1.0	ug/L	8260B
Trichloroethene		1500		10	ug/L	8260B
1,1,2-Trichloroethane		0.25	J	1.0	ug/L	8260B
Tetrachloroethene		0.62	J	1.0	ug/L	8260B
460-38556-2	**OW-5**					
Vinyl chloride		0.58	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.2		1.0	ug/L	8260B
1,1-Dichloroethane		0.23	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.28	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.6		1.0	ug/L	8260B
Chloroform		0.10	J	1.0	ug/L	8260B
Trichloroethene		160		1.0	ug/L	8260B
Dibromochloromethane		0.22	J	1.0	ug/L	8260B
Tetrachloroethene		0.21	J	1.0	ug/L	8260B
Toluene		0.18	J	1.0	ug/L	8260B
460-38556-3	**MW-34I**					
Vinyl chloride		17		1.0	ug/L	8260B
1,1-Dichloroethene		21		1.0	ug/L	8260B
1,1-Dichloroethane		4.3		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		130		1.0	ug/L	8260B
Chloroform		0.26	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.28	J	1.0	ug/L	8260B
Trichloroethene		2900		10	ug/L	8260B
1,1,2-Trichloroethane		1.2		1.0	ug/L	8260B
Tetrachloroethene		1.4		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-38556-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-38556-4	**MW-35I**					
Vinyl chloride		0.36	J	2.0	ug/L	8260B
1,1-Dichloroethene		1.7	J	2.0	ug/L	8260B
1,1-Dichloroethane		1.2	J	2.0	ug/L	8260B
trans-1,2-Dichloroethene		0.71	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		8.8		2.0	ug/L	8260B
1,1,1-Trichloroethane		0.41	J	2.0	ug/L	8260B
Trichloroethene		2600		10	ug/L	8260B
1,1,2-Trichloroethane		0.91	J	2.0	ug/L	8260B
Tetrachloroethene		1.5	J	2.0	ug/L	8260B
460-38556-5	**DUP-033012**					
Vinyl chloride		0.55	J	1.0	ug/L	8260B
1,1-Dichloroethene		6.5		1.0	ug/L	8260B
1,1-Dichloroethane		0.19	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.9		1.0	ug/L	8260B
cis-1,2-Dichloroethene		140		1.0	ug/L	8260B
Chloroform		0.16	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		0.17	J	1.0	ug/L	8260B
Trichloroethene		1700		10	ug/L	8260B
1,1,2-Trichloroethane		0.27	J	1.0	ug/L	8260B
Tetrachloroethene		0.63	J	1.0	ug/L	8260B
460-38556-6FB	**FB-033012**					
Methylene Chloride		2.1		1.0	ug/L	8260B
Chloroform		0.22	J	1.0	ug/L	8260B
460-38556-7TB	**TRIP BLANK**					
Methylene Chloride		2.3		1.0	ug/L	8260B
Chloroform		0.25	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-38556-1

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

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc. Job Number: 460-38556-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **OW-4**

Lab Sample ID: 460-38556-1 Date Sampled: 03/30/2012 0930
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108324	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56479.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 1810			Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 1810				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	0.54	J	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	6.6		0.090	1.0
1,1-Dichloroethane	0.14	J	0.13	1.0
trans-1,2-Dichloroethene	4.9		0.13	1.0
cis-1,2-Dichloroethene	140		0.18	1.0
Chloroform	0.20	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.21	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1800	E	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	0.25	J	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.62	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	99		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **OW-4**

Lab Sample ID: 460-38556-1 Date Sampled: 03/30/2012 0930
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56456.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 0810	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 0810				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1500		0.90	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	91		70 - 130
Bromofluorobenzene	102		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **OW-5**

Lab Sample ID: 460-38556-2 Date Sampled: 03/30/2012 1120
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56452.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 0634			Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 0634				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	0.58	J	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.2		0.090	1.0
1,1-Dichloroethane	0.23	J	0.13	1.0
trans-1,2-Dichloroethene	0.28	J	0.13	1.0
cis-1,2-Dichloroethene	7.6		0.18	1.0
Chloroform	0.10	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	160		0.090	1.0
Dibromochloromethane	0.22	J	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.21	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	0.18	J	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 130
Toluene-d8 (Surr)	82		70 - 130
Bromofluorobenzene	90		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **MW-34I**

Lab Sample ID: 460-38556-3 Date Sampled: 03/30/2012 1220
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108324	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56480.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 1834			Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 1834				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	17		0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	21		0.090	1.0
1,1-Dichloroethane	4.3		0.13	1.0
trans-1,2-Dichloroethene	4.1		0.13	1.0
cis-1,2-Dichloroethene	130		0.18	1.0
Chloroform	0.26	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.28	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	3300	E	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.2		0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.4		0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 130
Toluene-d8 (Surr)	83		70 - 130
Bromofluorobenzene	91		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **MW-34I**

Lab Sample ID: 460-38556-3 Date Sampled: 03/30/2012 1220
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56454.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 0722	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 0722				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	2900		0.90	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	97		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **MW-35I**

Lab Sample ID: 460-38556-4 Date Sampled: 03/30/2012 1315
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108324	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56481.d
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 1858			Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 1858				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	2.0	U	0.20	2.0
Bromomethane	2.0	U	0.36	2.0
Vinyl chloride	0.36	J	0.28	2.0
Chloroethane	2.0	U	0.34	2.0
Methylene Chloride	2.0	U	0.36	2.0
Acetone	10	U	5.4	10
Carbon disulfide	2.0	U	0.26	2.0
1,1-Dichloroethene	1.7	J	0.18	2.0
1,1-Dichloroethane	1.2	J	0.26	2.0
trans-1,2-Dichloroethene	0.71	J	0.26	2.0
cis-1,2-Dichloroethene	8.8		0.36	2.0
Chloroform	2.0	U	0.16	2.0
1,2-Dichloroethane	2.0	U	0.38	2.0
2-Butanone	10	U	4.6	10
1,1,1-Trichloroethane	0.41	J	0.12	2.0
Carbon tetrachloride	2.0	U	0.12	2.0
Bromodichloromethane	2.0	U	0.24	2.0
1,2-Dichloropropane	2.0	U	0.18	2.0
cis-1,3-Dichloropropene	2.0	U	0.36	2.0
Trichloroethene	2600	E	0.18	2.0
Dibromochloromethane	2.0	U	0.40	2.0
1,1,2-Trichloroethane	0.91	J	0.38	2.0
Benzene	2.0	U	0.16	2.0
trans-1,3-Dichloropropene	2.0	U	0.48	2.0
Bromoform	2.0	U	0.38	2.0
4-Methyl-2-pentanone	10	U	2.0	10
2-Hexanone	10	U	1.0	10
Tetrachloroethene	1.5	J	0.20	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.32	2.0
Toluene	2.0	U	0.30	2.0
Chlorobenzene	2.0	U	0.22	2.0
Ethylbenzene	2.0	U	0.20	2.0
Styrene	2.0	U	0.24	2.0
Xylenes, Total	6.0	U	0.72	6.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	101		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **MW-35I**

Lab Sample ID: 460-38556-4 Date Sampled: 03/30/2012 1315
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108324	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56478.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 1746	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 1746				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	2600		0.90	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	101		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **DUP-033012**

Lab Sample ID: 460-38556-5 Date Sampled: 03/30/2012 0830
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56453.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 0658			Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 0658				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	0.55	J	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	6.5		0.090	1.0
1,1-Dichloroethane	0.19	J	0.13	1.0
trans-1,2-Dichloroethene	4.9		0.13	1.0
cis-1,2-Dichloroethene	140		0.18	1.0
Chloroform	0.16	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	0.17	J	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1800	E	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	0.27	J	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	0.63	J	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	98		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **DUP-033012**

Lab Sample ID: 460-38556-5 Date Sampled: 03/30/2012 0830
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108324	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56477.d
Dilution:	10			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 1721	Run Type:	DL	Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 1721				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1700		0.90	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	108		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **FB-033012**

Lab Sample ID: 460-38556-6FB Date Sampled: 03/30/2012 1310
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56439.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 0119			Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 0119				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	2.1		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.22	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 130
Toluene-d8 (Surr)	90		70 - 130
Bromofluorobenzene	98		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 460-38556-7TB Date Sampled: 03/30/2012 0930
Client Matrix: Water Date Received: 03/31/2012 0905

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p56437.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 0030			Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 0030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	2.3		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	0.25	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	100		70 - 130
Bromofluorobenzene	108		70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-38556-1 DL	OW-4 DL	98	91	102
460-38556-1	OW-4	95	91	99
460-38556-2	OW-5	90	82	90
460-38556-3 DL	MW-34I DL	98	90	97
460-38556-3	MW-34I	86	83	91
460-38556-4 DL	MW-35I DL	96	89	101
460-38556-4	MW-35I	97	90	101
460-38556-5	DUP-033012	95	90	98
460-38556-5 DL	DUP-033012 DL	103	97	108
460-38556-6	FB-033012	98	90	98
460-38556-7	TRIP BLANK	111	100	108
MB 460-108274/4		100	91	97
MB 460-108324/4		97	90	100
LCS 460-108274/3		97	91	100
LCS 460-108324/3		96	91	101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Method Blank - Batch: 460-108274

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-108274/4	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p56435.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2012 2342	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/04/2012 2342				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 130
Toluene-d8 (Surr)	91	70 - 130
Bromofluorobenzene	97	70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Lab Control Sample - Batch: 460-108274

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-108274/3	Analysis Batch:	460-108274	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p56432.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/04/2012 2220	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/04/2012 2220				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	24.4	122	58 - 146	
Bromomethane	20.0	16.6	83	55 - 153	
Vinyl chloride	20.0	23.7	118	61 - 144	
Chloroethane	20.0	26.0	130	69 - 145	
Methylene Chloride	20.0	21.0	105	79 - 119	
Acetone	20.0	21.8	109	45 - 156	
Carbon disulfide	20.0	23.7	118	58 - 139	
1,1-Dichloroethene	20.0	18.8	94	56 - 139	
1,1-Dichloroethane	20.0	21.0	105	78 - 122	
trans-1,2-Dichloroethene	20.0	20.7	104	75 - 122	
cis-1,2-Dichloroethene	20.0	21.9	109	80 - 120	
Chloroform	20.0	21.8	109	82 - 123	
1,2-Dichloroethane	20.0	21.9	109	74 - 118	
2-Butanone	20.0	21.7	109	65 - 114	
1,1,1-Trichloroethane	20.0	21.7	109	74 - 128	
Carbon tetrachloride	20.0	23.7	119	73 - 120	
Bromodichloromethane	20.0	22.8	114	79 - 119	
1,2-Dichloropropane	20.0	21.4	107	80 - 120	
cis-1,3-Dichloropropene	20.0	20.6	103	80 - 120	
Trichloroethene	20.0	21.1	106	78 - 119	
Dibromochloromethane	20.0	21.4	107	80 - 120	
1,1,2-Trichloroethane	20.0	19.9	100	79 - 119	
Benzene	20.0	19.8	99	83 - 124	
trans-1,3-Dichloropropene	20.0	20.7	104	78 - 118	
Bromoform	20.0	21.4	107	73 - 123	
4-Methyl-2-pentanone	20.0	18.0	90	53 - 120	
2-Hexanone	20.0	18.5	92	53 - 121	
Tetrachloroethene	20.0	18.7	94	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74 - 126	
Toluene	20.0	19.4	97	80 - 120	
Chlorobenzene	20.0	20.2	101	81 - 121	
Ethylbenzene	20.0	19.1	96	79 - 126	
Styrene	20.0	20.0	100	69 - 112	
Xylenes, Total	60.0	58.7	98	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	91	70 - 130
Bromofluorobenzene	100	70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Method Blank - Batch: 460-108324

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-108324/4	Analysis Batch:	460-108324	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p56463.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 1140	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 1140				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Toluene	1.0	U	0.15	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Styrene	1.0	U	0.12	1.0
Xylenes, Total	3.0	U	0.36	3.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	90	70 - 130
Bromofluorobenzene	100	70 - 130

Client: Roux Associates, Inc. Job Number: 460-38556-1

Lab Control Sample - Batch: 460-108324

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-108324/3	Analysis Batch:	460-108324	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p56461.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/05/2012 1042	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	04/05/2012 1042				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	20.0	21.9	109	58 - 146	
Bromomethane	20.0	14.3	71	55 - 153	
Vinyl chloride	20.0	19.7	99	61 - 144	
Chloroethane	20.0	23.9	119	69 - 145	
Methylene Chloride	20.0	19.8	99	79 - 119	
Acetone	20.0	21.6	108	45 - 156	
Carbon disulfide	20.0	21.6	108	58 - 139	
1,1-Dichloroethene	20.0	19.6	98	56 - 139	
1,1-Dichloroethane	20.0	19.9	100	78 - 122	
trans-1,2-Dichloroethene	20.0	19.6	98	75 - 122	
cis-1,2-Dichloroethene	20.0	21.3	107	80 - 120	
Chloroform	20.0	21.1	106	82 - 123	
1,2-Dichloroethane	20.0	21.1	106	74 - 118	
2-Butanone	20.0	19.1	96	65 - 114	
1,1,1-Trichloroethane	20.0	20.8	104	74 - 128	
Carbon tetrachloride	20.0	23.0	115	73 - 120	
Bromodichloromethane	20.0	21.5	108	79 - 119	
1,2-Dichloropropane	20.0	20.9	104	80 - 120	
cis-1,3-Dichloropropene	20.0	19.2	96	80 - 120	
Trichloroethene	20.0	20.0	100	78 - 119	
Dibromochloromethane	20.0	20.2	101	80 - 120	
1,1,2-Trichloroethane	20.0	18.5	92	79 - 119	
Benzene	20.0	18.7	93	83 - 124	
trans-1,3-Dichloropropene	20.0	19.3	97	78 - 118	
Bromoform	20.0	20.6	103	73 - 123	
4-Methyl-2-pentanone	20.0	16.8	84	53 - 120	
2-Hexanone	20.0	16.9	85	53 - 121	
Tetrachloroethene	20.0	18.4	92	68 - 139	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	74 - 126	
Toluene	20.0	18.2	91	80 - 120	
Chlorobenzene	20.0	19.1	96	81 - 121	
Ethylbenzene	20.0	18.7	94	79 - 126	
Styrene	20.0	19.4	97	69 - 112	
Xylenes, Total	60.0	56.9	95	76 - 121	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
Toluene-d8 (Surr)	91	70 - 130
Bromofluorobenzene	101	70 - 130

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-38556-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
	J	Indicates an estimated value.

Client: Roux Associates, Inc. Job Number: 460-38556-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-108274					
LCS 460-108274/3	Lab Control Sample	T	Water	8260B	
MB 460-108274/4	Method Blank	T	Water	8260B	
460-38556-1DL	OW-4	T	Water	8260B	
460-38556-2	OW-5	T	Water	8260B	
460-38556-3DL	MW-34I	T	Water	8260B	
460-38556-5	DUP-033012	T	Water	8260B	
460-38556-6FB	FB-033012	T	Water	8260B	
460-38556-7TB	TRIP BLANK	T	Water	8260B	
Analysis Batch:460-108324					
LCS 460-108324/3	Lab Control Sample	T	Water	8260B	
MB 460-108324/4	Method Blank	T	Water	8260B	
460-38556-1	OW-4	T	Water	8260B	
460-38556-3	MW-34I	T	Water	8260B	
460-38556-4	MW-35I	T	Water	8260B	
460-38556-4DL	MW-35I	T	Water	8260B	
460-38556-5DL	DUP-033012	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-38556-1

Laboratory Chronicle

Lab ID: 460-38556-1 **Client ID:** OW-4

Sample Date/Time: 03/30/2012 09:30 Received Date/Time: 03/31/2012 09:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-38556-A-1	DL	460-108274		04/05/2012 08:10	10	TAL EDI	KB
A:8260B	460-38556-A-1	DL	460-108274		04/05/2012 08:10	10	TAL EDI	KB
P:5030B	460-38556-B-1		460-108324		04/05/2012 18:10	1	TAL EDI	SD
A:8260B	460-38556-B-1		460-108324		04/05/2012 18:10	1	TAL EDI	SD

Lab ID: 460-38556-2 **Client ID:** OW-5

Sample Date/Time: 03/30/2012 11:20 Received Date/Time: 03/31/2012 09:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-38556-A-2		460-108274		04/05/2012 06:34	1	TAL EDI	KB
A:8260B	460-38556-A-2		460-108274		04/05/2012 06:34	1	TAL EDI	KB

Lab ID: 460-38556-3 **Client ID:** MW-34I

Sample Date/Time: 03/30/2012 12:20 Received Date/Time: 03/31/2012 09:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-38556-A-3	DL	460-108274		04/05/2012 07:22	10	TAL EDI	KB
A:8260B	460-38556-A-3	DL	460-108274		04/05/2012 07:22	10	TAL EDI	KB
P:5030B	460-38556-B-3		460-108324		04/05/2012 18:34	1	TAL EDI	SD
A:8260B	460-38556-B-3		460-108324		04/05/2012 18:34	1	TAL EDI	SD

Lab ID: 460-38556-4 **Client ID:** MW-35I

Sample Date/Time: 03/30/2012 13:15 Received Date/Time: 03/31/2012 09:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-38556-B-4	DL	460-108324		04/05/2012 17:46	10	TAL EDI	SD
A:8260B	460-38556-B-4	DL	460-108324		04/05/2012 17:46	10	TAL EDI	SD
P:5030B	460-38556-B-4		460-108324		04/05/2012 18:58	2	TAL EDI	SD
A:8260B	460-38556-B-4		460-108324		04/05/2012 18:58	2	TAL EDI	SD

Lab ID: 460-38556-5 **Client ID:** DUP-033012

Sample Date/Time: 03/30/2012 08:30 Received Date/Time: 03/31/2012 09:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-38556-A-5		460-108274		04/05/2012 06:58	1	TAL EDI	KB
A:8260B	460-38556-A-5		460-108274		04/05/2012 06:58	1	TAL EDI	KB
P:5030B	460-38556-B-5	DL	460-108324		04/05/2012 17:21	10	TAL EDI	SD
A:8260B	460-38556-B-5	DL	460-108324		04/05/2012 17:21	10	TAL EDI	SD

Client: Roux Associates, Inc. Job Number: 460-38556-1

Laboratory Chronicle

Lab ID: 460-38556-6 **Client ID:** FB-033012

Sample Date/Time: 03/30/2012 13:10 Received Date/Time: 03/31/2012 09:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-38556-A-6		460-108274		04/05/2012 01:19	1	TAL EDI	KB
A:8260B	460-38556-A-6		460-108274		04/05/2012 01:19	1	TAL EDI	KB

Lab ID: 460-38556-7 **Client ID:** TRIP BLANK

Sample Date/Time: 03/30/2012 09:30 Received Date/Time: 03/31/2012 09:05

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-38556-A-7		460-108274		04/05/2012 00:30	1	TAL EDI	KB
A:8260B	460-38556-A-7		460-108274		04/05/2012 00:30	1	TAL EDI	KB

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-108274/4		460-108274		04/04/2012 23:42	1	TAL EDI	KB
A:8260B	MB 460-108274/4		460-108274		04/04/2012 23:42	1	TAL EDI	KB
P:5030B	MB 460-108324/4		460-108324		04/05/2012 11:40	1	TAL EDI	SD
A:8260B	MB 460-108324/4		460-108324		04/05/2012 11:40	1	TAL EDI	SD

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-108274/3		460-108274		04/04/2012 22:20	1	TAL EDI	KB
A:8260B	LCS 460-108274/3		460-108274		04/04/2012 22:20	1	TAL EDI	KB
P:5030B	LCS 460-108324/3		460-108324		04/05/2012 10:42	1	TAL EDI	SD
A:8260B	LCS 460-108324/3		460-108324		04/05/2012 10:42	1	TAL EDI	SD

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
OW-4	460-38556-1	95	91	99
OW-4 DL	460-38556-1 DL	98	91	102
OW-5	460-38556-2	90	82	90
MW-34I	460-38556-3	86	83	91
MW-34I DL	460-38556-3 DL	98	90	97
MW-35I	460-38556-4	97	90	101
MW-35I DL	460-38556-4 DL	96	89	101
DUP-033012	460-38556-5	95	90	98
DUP-033012 DL	460-38556-5 DL	103	97	108
FB-033012	460-38556-6	98	90	98
TRIP BLANK	460-38556-7	111	100	108
	MB 460-108274/4	100	91	97
	MB 460-108324/4	97	90	100
	LCS 460-108274/3	97	91	100
	LCS 460-108324/3	96	91	101

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p56432.d

Lab ID: LCS 460-108274/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	24.4	122	58-146	
Bromomethane	20.0	16.6	83	55-153	
Vinyl chloride	20.0	23.7	118	61-144	
Chloroethane	20.0	26.0	130	69-145	
Methylene Chloride	20.0	21.0	105	79-119	
Acetone	20.0	21.8	109	45-156	
Carbon disulfide	20.0	23.7	118	58-139	
1,1-Dichloroethene	20.0	18.8	94	56-139	
1,1-Dichloroethane	20.0	21.0	105	78-122	
trans-1,2-Dichloroethene	20.0	20.7	104	75-122	
cis-1,2-Dichloroethene	20.0	21.9	109	80-120	
Chloroform	20.0	21.8	109	82-123	
1,2-Dichloroethane	20.0	21.9	109	74-118	
2-Butanone	20.0	21.7	109	65-114	
1,1,1-Trichloroethane	20.0	21.7	109	74-128	
Carbon tetrachloride	20.0	23.7	119	73-120	
Bromodichloromethane	20.0	22.8	114	79-119	
1,2-Dichloropropane	20.0	21.4	107	80-120	
cis-1,3-Dichloropropene	20.0	20.6	103	80-120	
Trichloroethene	20.0	21.1	106	78-119	
Dibromochloromethane	20.0	21.4	107	80-120	
1,1,2-Trichloroethane	20.0	19.9	100	79-119	
Benzene	20.0	19.8	99	83-124	
trans-1,3-Dichloropropene	20.0	20.7	104	78-118	
Bromoform	20.0	21.4	107	73-123	
4-Methyl-2-pentanone	20.0	18.0	90	53-120	
2-Hexanone	20.0	18.5	92	53-121	
Tetrachloroethene	20.0	18.7	94	68-139	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74-126	
Toluene	20.0	19.4	97	80-120	
Chlorobenzene	20.0	20.2	101	81-121	
Ethylbenzene	20.0	19.1	96	79-126	
Styrene	20.0	20.0	100	69-112	
Xylenes, Total	60.0	58.7	98	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p56461.d

Lab ID: LCS 460-108324/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	21.9	109	58-146	
Bromomethane	20.0	14.3	71	55-153	
Vinyl chloride	20.0	19.7	99	61-144	
Chloroethane	20.0	23.9	119	69-145	
Methylene Chloride	20.0	19.8	99	79-119	
Acetone	20.0	21.6	108	45-156	
Carbon disulfide	20.0	21.6	108	58-139	
1,1-Dichloroethene	20.0	19.6	98	56-139	
1,1-Dichloroethane	20.0	19.9	100	78-122	
trans-1,2-Dichloroethene	20.0	19.6	98	75-122	
cis-1,2-Dichloroethene	20.0	21.3	107	80-120	
Chloroform	20.0	21.1	106	82-123	
1,2-Dichloroethane	20.0	21.1	106	74-118	
2-Butanone	20.0	19.1	96	65-114	
1,1,1-Trichloroethane	20.0	20.8	104	74-128	
Carbon tetrachloride	20.0	23.0	115	73-120	
Bromodichloromethane	20.0	21.5	108	79-119	
1,2-Dichloropropane	20.0	20.9	104	80-120	
cis-1,3-Dichloropropene	20.0	19.2	96	80-120	
Trichloroethene	20.0	20.0	100	78-119	
Dibromochloromethane	20.0	20.2	101	80-120	
1,1,2-Trichloroethane	20.0	18.5	92	79-119	
Benzene	20.0	18.7	93	83-124	
trans-1,3-Dichloropropene	20.0	19.3	97	78-118	
Bromoform	20.0	20.6	103	73-123	
4-Methyl-2-pentanone	20.0	16.8	84	53-120	
2-Hexanone	20.0	16.9	85	53-121	
Tetrachloroethene	20.0	18.4	92	68-139	
1,1,2,2-Tetrachloroethane	20.0	18.4	92	74-126	
Toluene	20.0	18.2	91	80-120	
Chlorobenzene	20.0	19.1	96	81-121	
Ethylbenzene	20.0	18.7	94	79-126	
Styrene	20.0	19.4	97	69-112	
Xylenes, Total	60.0	56.9	95	76-121	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab File ID: p56435.d Lab Sample ID: MB 460-108274/4

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

Instrument ID: VOAMS13 Date Analyzed: 04/04/2012 23:42

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-108274/3	p56432.d	04/04/2012 22:20
TRIP BLANK	460-38556-7	p56437.d	04/05/2012 00:30
FB-033012	460-38556-6	p56439.d	04/05/2012 01:19
OW-5	460-38556-2	p56452.d	04/05/2012 06:34
DUP-033012	460-38556-5	p56453.d	04/05/2012 06:58
MW-34I DL	460-38556-3 DL	p56454.d	04/05/2012 07:22
OW-4 DL	460-38556-1 DL	p56456.d	04/05/2012 08:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab File ID: p56463.d Lab Sample ID: MB 460-108324/4

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

Instrument ID: VOAMS13 Date Analyzed: 04/05/2012 11:40

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-108324/3	p56461.d	04/05/2012 10:42
DUP-033012 DL	460-38556-5 DL	p56477.d	04/05/2012 17:21
MW-35I DL	460-38556-4 DL	p56478.d	04/05/2012 17:46
OW-4	460-38556-1	p56479.d	04/05/2012 18:10
MW-34I	460-38556-3	p56480.d	04/05/2012 18:34
MW-35I	460-38556-4	p56481.d	04/05/2012 18:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab File ID: p54965.d BFB Injection Date: 02/28/2012

Instrument ID: VOAMS13 BFB Injection Time: 01:00

Analysis Batch No.: 103920

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	47.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.4	(0.6)1
174	50.0 - 120.00 % of mass 95	75.1	
175	5.0 - 9.0 % of mass 174	5.8	(7.7)1
176	95.0 - 101.0 % of mass 174	73.5	(97.8)1
177	5.0 - 9.0 % of mass 176	4.7	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-103920/2	p54969.d	02/28/2012	02:37
	IC 460-103920/3	p54970.d	02/28/2012	03:01
	ICIS 460-103920/4	p54971.d	02/28/2012	03:25
	IC 460-103920/5	p54972.d	02/28/2012	03:49
	IC 460-103920/6	p54973.d	02/28/2012	04:14
	IC 460-103920/7	p54974.d	02/28/2012	04:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab File ID: p56430.d BFB Injection Date: 04/04/2012

Instrument ID: VOAMS13 BFB Injection Time: 21:33

Analysis Batch No.: 108274

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	44.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	79.3	
175	5.0 - 9.0 % of mass 174	6.4	(8.1)1
176	95.0 - 101.0 % of mass 174	76.6	(96.6)1
177	5.0 - 9.0 % of mass 176	4.9	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-108274/2	p56431.d	04/04/2012	21:56
	LCS 460-108274/3	p56432.d	04/04/2012	22:20
	MB 460-108274/4	p56435.d	04/04/2012	23:42
TRIP BLANK	460-38556-7	p56437.d	04/05/2012	00:30
FB-033012	460-38556-6	p56439.d	04/05/2012	01:19
OW-5	460-38556-2	p56452.d	04/05/2012	06:34
DUP-033012	460-38556-5	p56453.d	04/05/2012	06:58
MW-34I DL	460-38556-3 DL	p56454.d	04/05/2012	07:22
OW-4 DL	460-38556-1 DL	p56456.d	04/05/2012	08:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab File ID: p56458.d BFB Injection Date: 04/05/2012

Instrument ID: VOAMS13 BFB Injection Time: 08:53

Analysis Batch No.: 108324

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.2	(0.3)1
174	50.0 - 120.00 % of mass 95	77.1	
175	5.0 - 9.0 % of mass 174	6.4	(8.3)1
176	95.0 - 101.0 % of mass 174	75.9	(98.6)1
177	5.0 - 9.0 % of mass 176	4.9	(6.4)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-108324/2	p56460.d	04/05/2012	10:10
	LCS 460-108324/3	p56461.d	04/05/2012	10:42
	MB 460-108324/4	p56463.d	04/05/2012	11:40
DUP-033012 DL	460-38556-5 DL	p56477.d	04/05/2012	17:21
MW-35I DL	460-38556-4 DL	p56478.d	04/05/2012	17:46
OW-4	460-38556-1	p56479.d	04/05/2012	18:10
MW-34I	460-38556-3	p56480.d	04/05/2012	18:34
MW-35I	460-38556-4	p56481.d	04/05/2012	18:58

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Sample No.: CCVIS 460-108274/2 Date Analyzed: 04/04/2012 21:56

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p56431.d Heated Purge: (Y/N) N

Calibration ID: 14503

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		875467	4.18	713193	7.76	390621	11.35
UPPER LIMIT		1750934	4.68	1426386	8.26	781242	11.85
LOWER LIMIT		437734	3.68	356597	7.26	195311	10.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-108274/3		873980	4.18	714977	7.76	386057	11.35
MB 460-108274/4		864108	4.19	705125	7.76	380305	11.35
460-38556-7	TRIP BLANK	795872	4.19	641170	7.76	345022	11.35
460-38556-6	FB-033012	862687	4.18	696842	7.76	370614	11.35
460-38556-2	OW-5	862885	4.19	701651	7.76	377863	11.35
460-38556-5	DUP-033012	869609	4.19	701474	7.76	374185	11.35
460-38556-3 DL	MW-34I DL	854604	4.19	698618	7.76	378954	11.35
460-38556-1 DL	OW-4 DL	846701	4.19	702525	7.76	373681	11.35

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Sample No.: CCVIS 460-108324/2 Date Analyzed: 04/05/2012 10:10

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p56460.d Heated Purge: (Y/N) N

Calibration ID: 14503

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		848163	4.18	691401	7.76	376640	11.35
UPPER LIMIT		1696326	4.68	1382802	8.26	753280	11.85
LOWER LIMIT		424082	3.68	345701	7.26	188320	10.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-108324/3		830385	4.19	696290	7.76	376519	11.35
MB 460-108324/4		770799	4.18	635056	7.76	344350	11.35
460-38556-5 DL	DUP-033012 DL	678357	4.18	561726	7.76	314768	11.35
460-38556-4 DL	MW-35I DL	751653	4.18	621229	7.76	338500	11.35
460-38556-1	OW-4	769182	4.19	621790	7.76	343722	11.35
460-38556-3	MW-34I	762806	4.19	616820	7.76	337250	11.35
460-38556-4	MW-35I	751801	4.19	623019	7.76	336567	11.35

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: OW-4 | Lab Sample ID: 460-38556-1

Matrix: Water | Lab File ID: p56479.d

Analysis Method: 8260B | Date Collected: 03/30/2012 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 04/05/2012 18:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108324 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	0.54	J	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	6.6		1.0	0.090
75-34-3	1,1-Dichloroethane	0.14	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	4.9		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	140		1.0	0.18
67-66-3	Chloroform	0.20	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.21	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	*Trichloroethene*	*1800*	*E*	*1.0*	*0.090*
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	0.25	J	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.62	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: OW-4 Lab Sample ID: 460-38556-1

Matrix: Water Lab File ID: p56479.d

Analysis Method: 8260B Date Collected: 03/30/2012 09:30

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 18:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	99		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56479.d
Report Date: 06-Apr-2012 14:32

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56479.d
Lab Smp Id: 460-38556-B-1 Client Smp ID: OW-4
Inj Date : 05-APR-2012 18:10
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-B-1
Misc Info : 460-38556-B-1
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.189	1.189	(0.284)	1960	0.54324	0.54(a)
	15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	17387	6.60126	6.6
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	15345	4.87673	4.9
	28 MTBE	73	2.396	2.396	(0.572)	2115	0.22477	0.22(a)
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	787	0.13764	0.14(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	493491	142.314	140
	42 Chloroform	83	3.341	3.341	(0.798)	1121	0.20438	0.20(a)
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.836)	952	0.21015	0.21(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	162637	47.5367	48
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	769182	50.0000	
	54 Trichloroethene	95	4.347	4.341	(1.038)	6534006	1829.48	1800(A)
$	65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	594696	45.5623	46
	71 Tetrachloroethene	166	6.310	6.316	(0.813)	2294	0.61821	0.62(a)
	69 1,1,2-Trichloroethane	83	6.572	6.572	(0.847)	736	0.25307	0.25(a)
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	621790	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	222319	49.5561	50

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56479.d
Report Date: 06-Apr-2012 14:32

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	343722	50.0000	
M 120 1,2-Dichloroethene (Total)	100				508837	147.191	150

QC Flag Legend

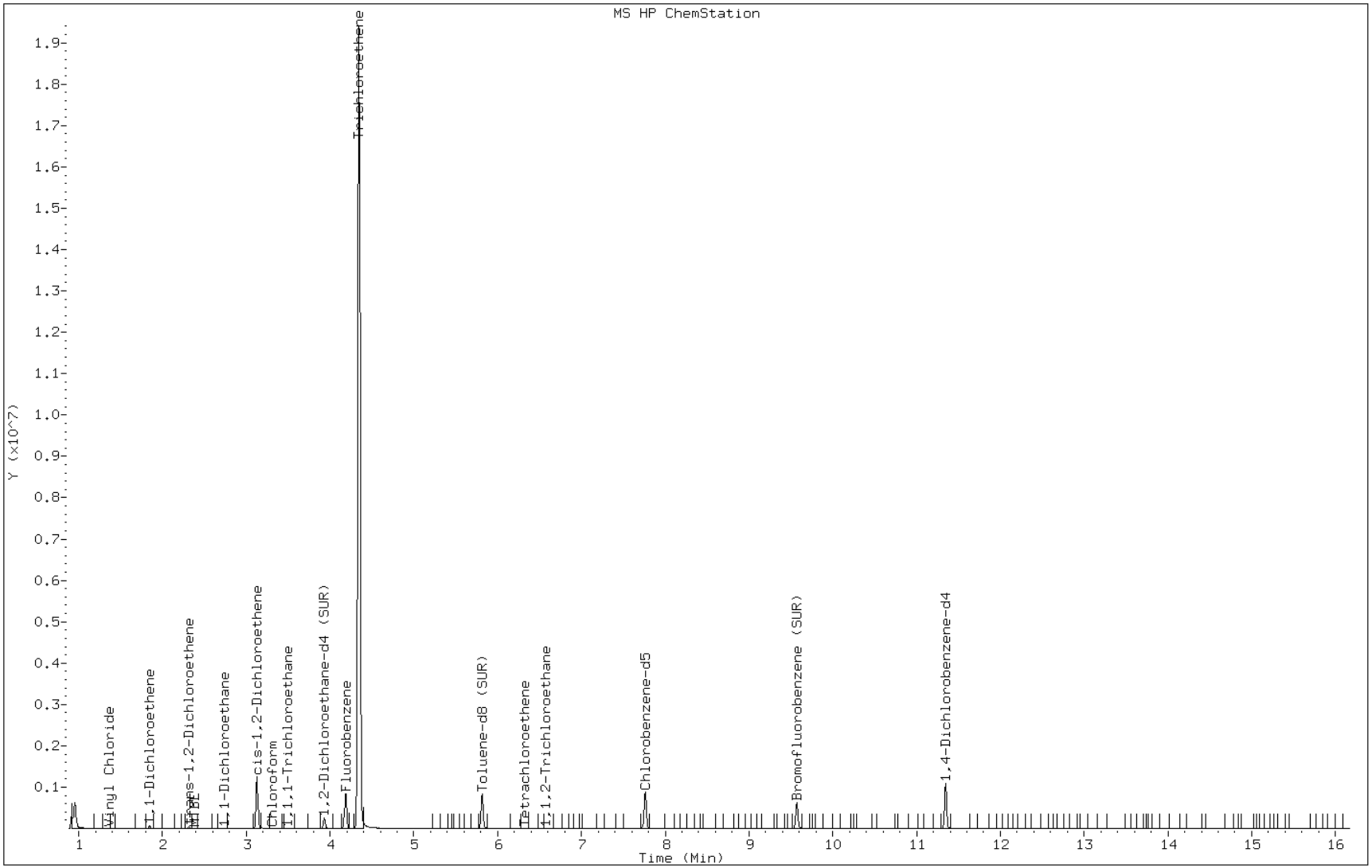
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:



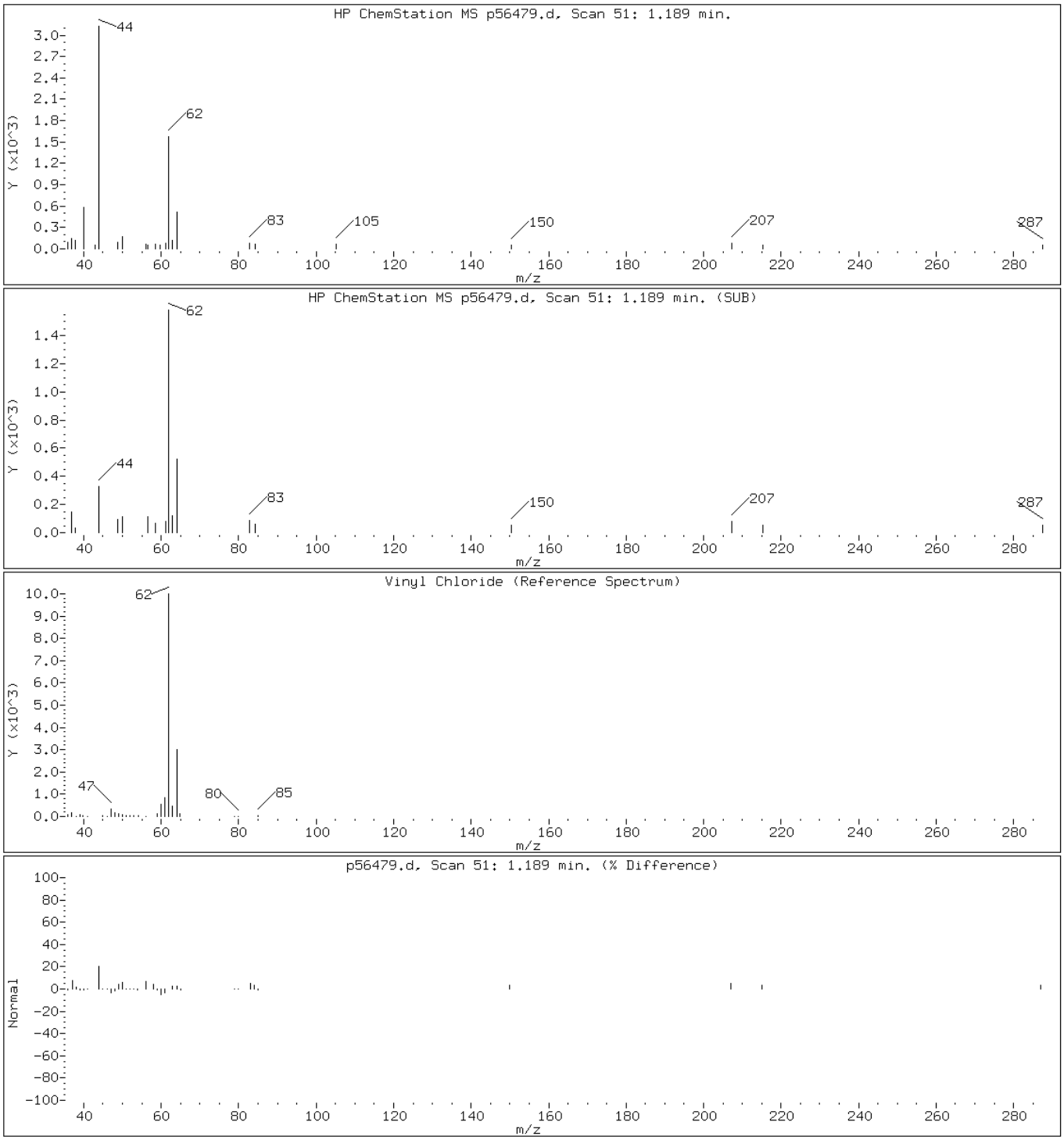
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

4 Vinyl Chloride



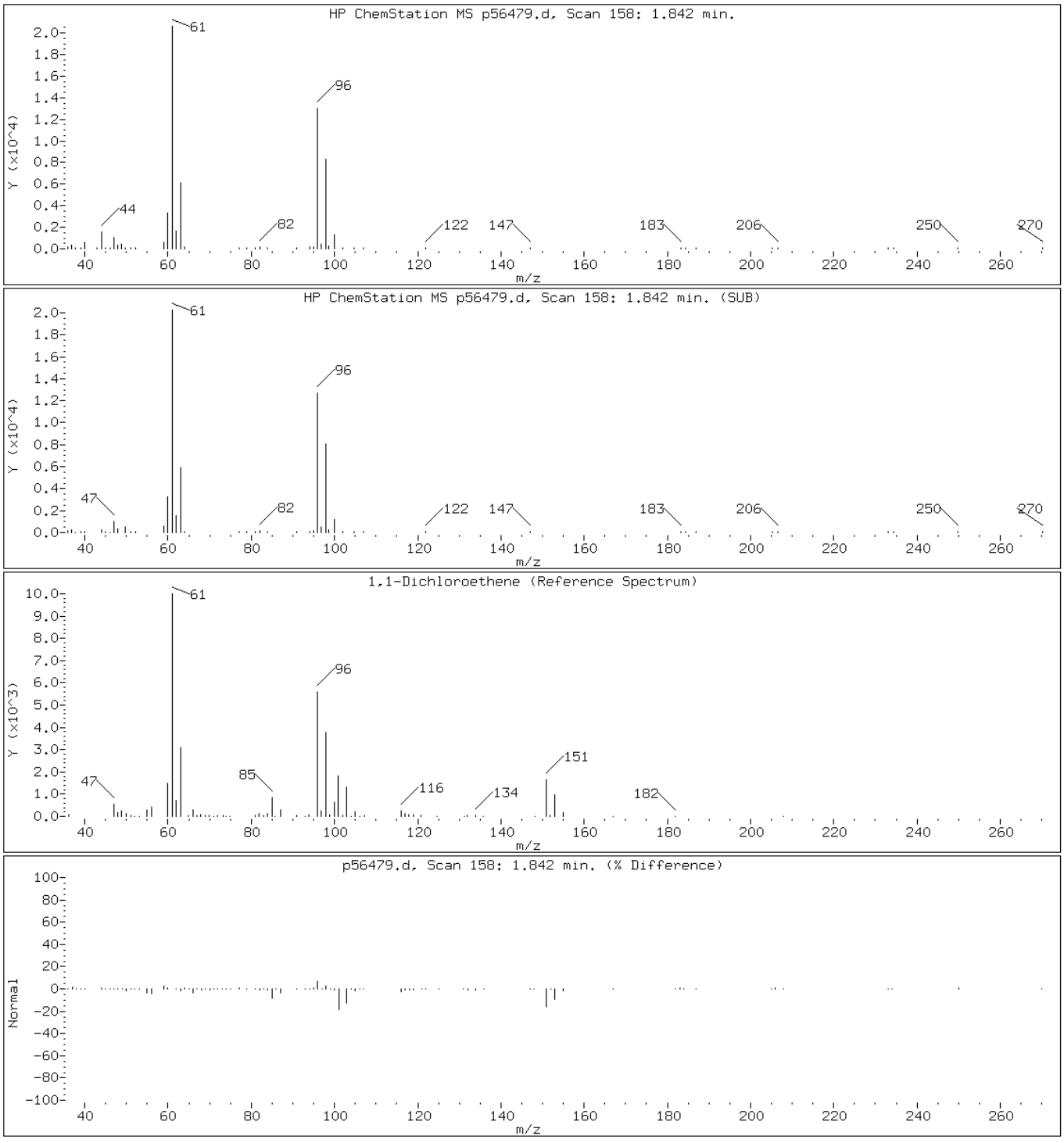
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

15 1,1-Dichloroethene



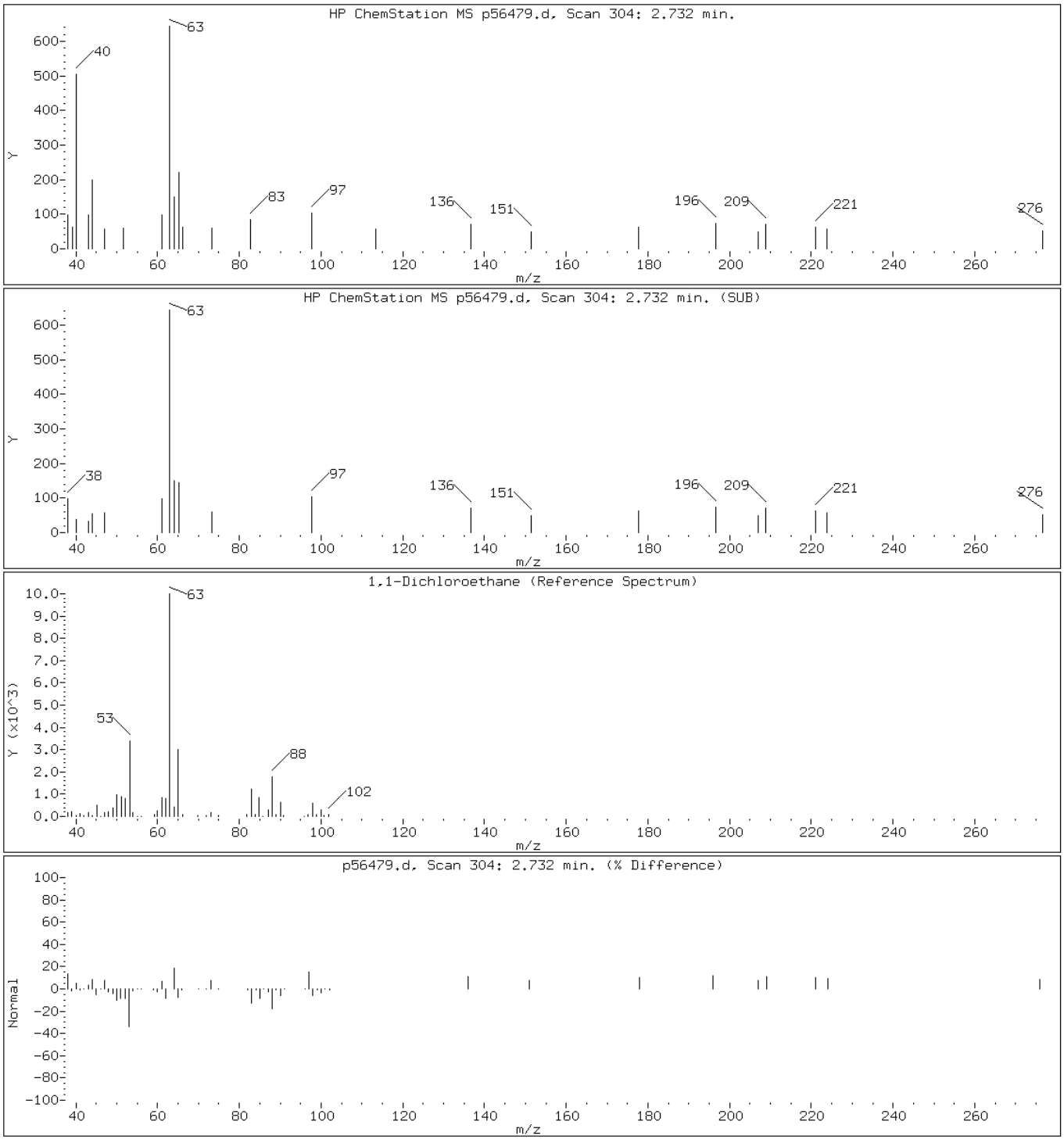
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

30 1,1-Dichloroethane



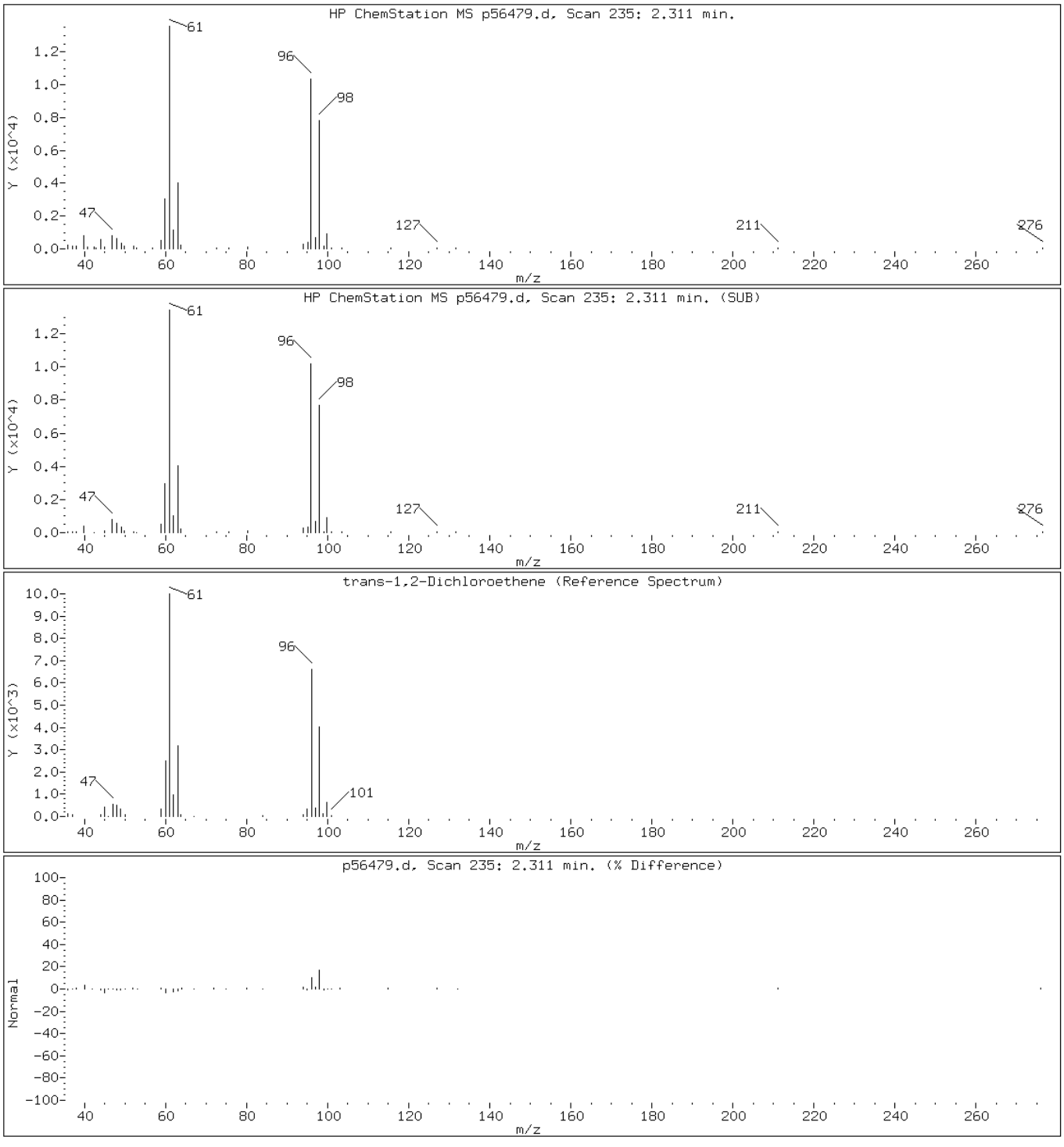
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

25 trans-1,2-Dichloroethene



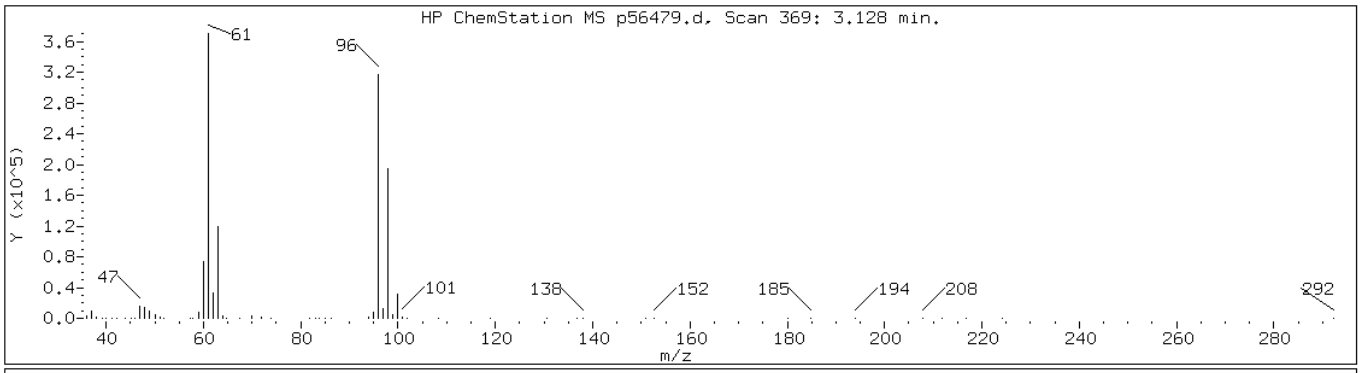
Data File: p56479.d

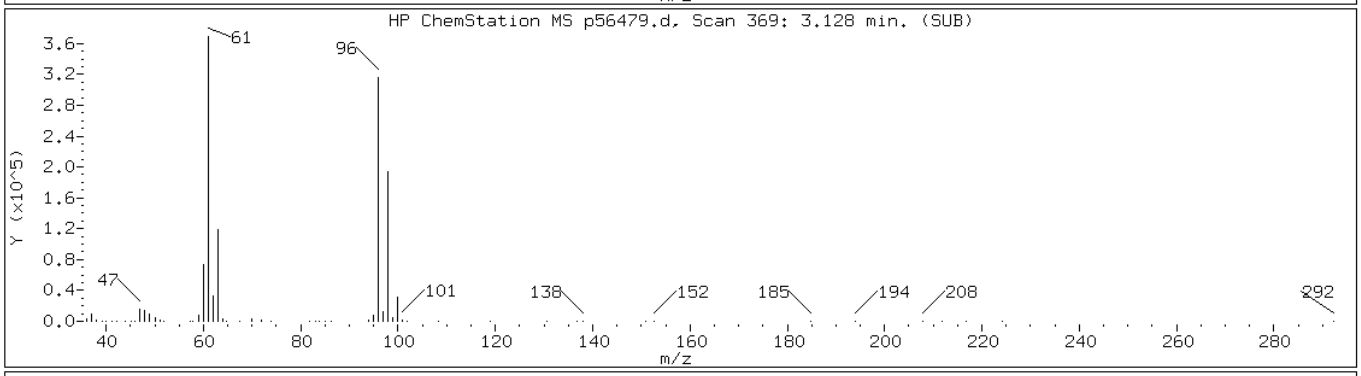
Date: 05-APR-2012 18:10

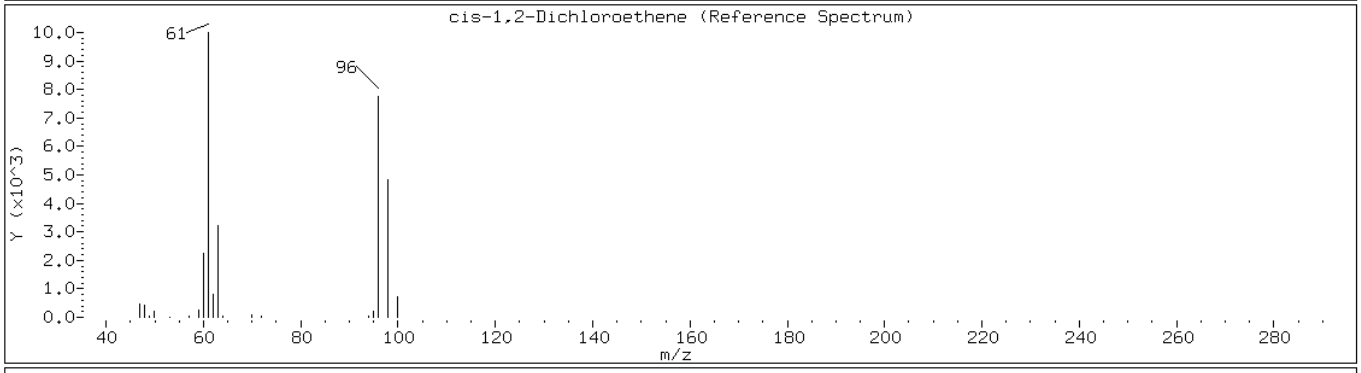
Client ID: OW-4 Instrument: VOAMS13.i

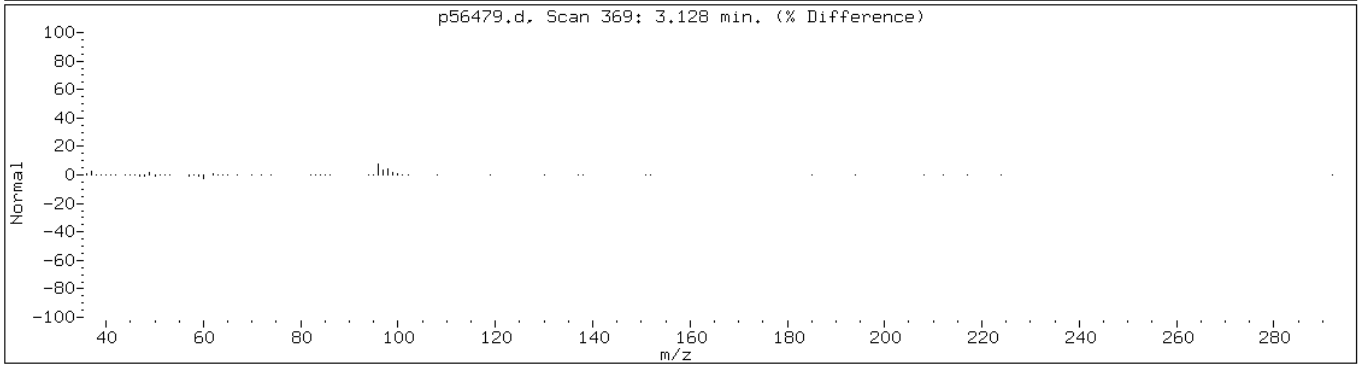
Sample Info: 460-38556-B-1 Operator:

36 cis-1,2-Dichloroethene









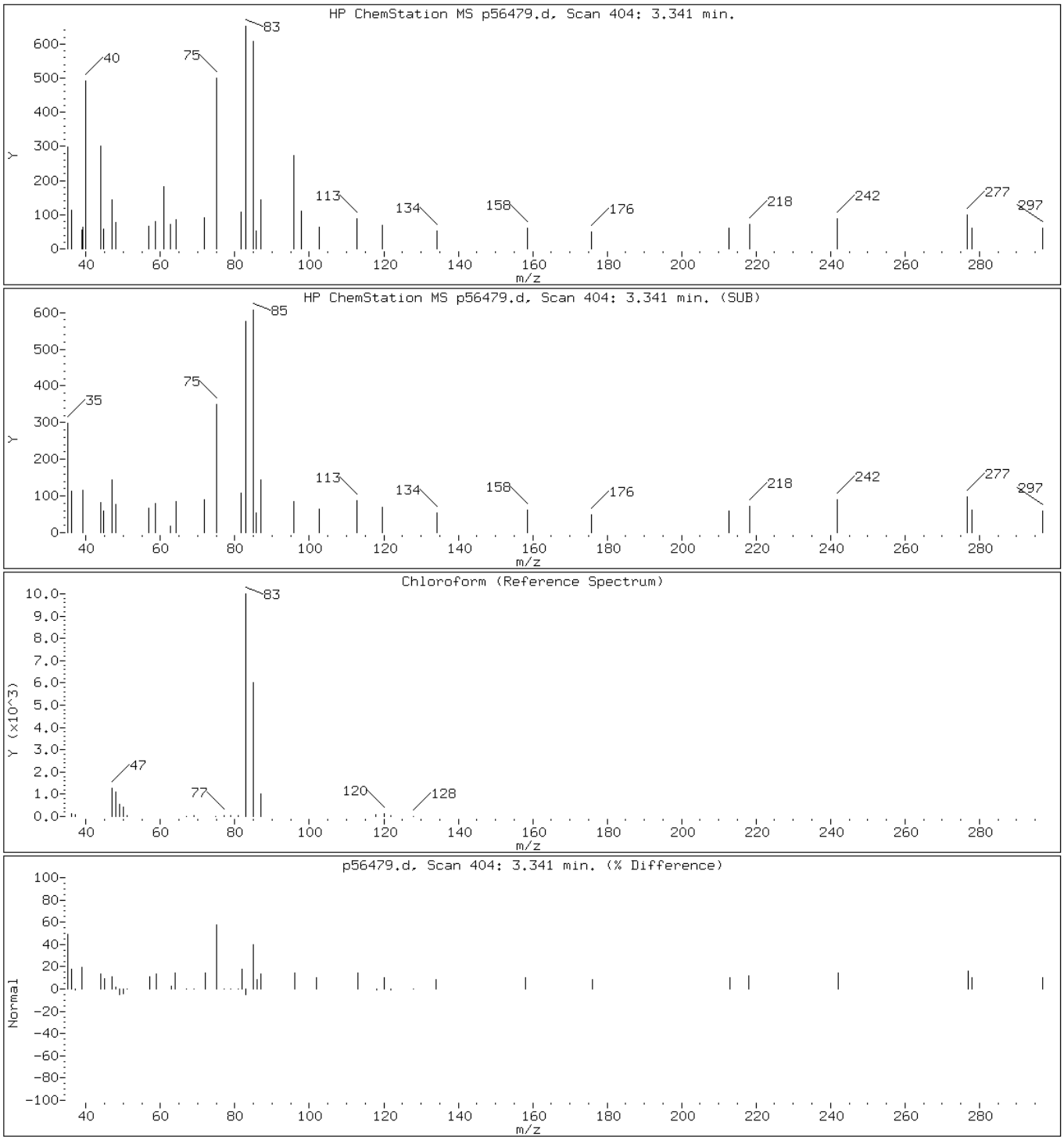
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

42 Chloroform



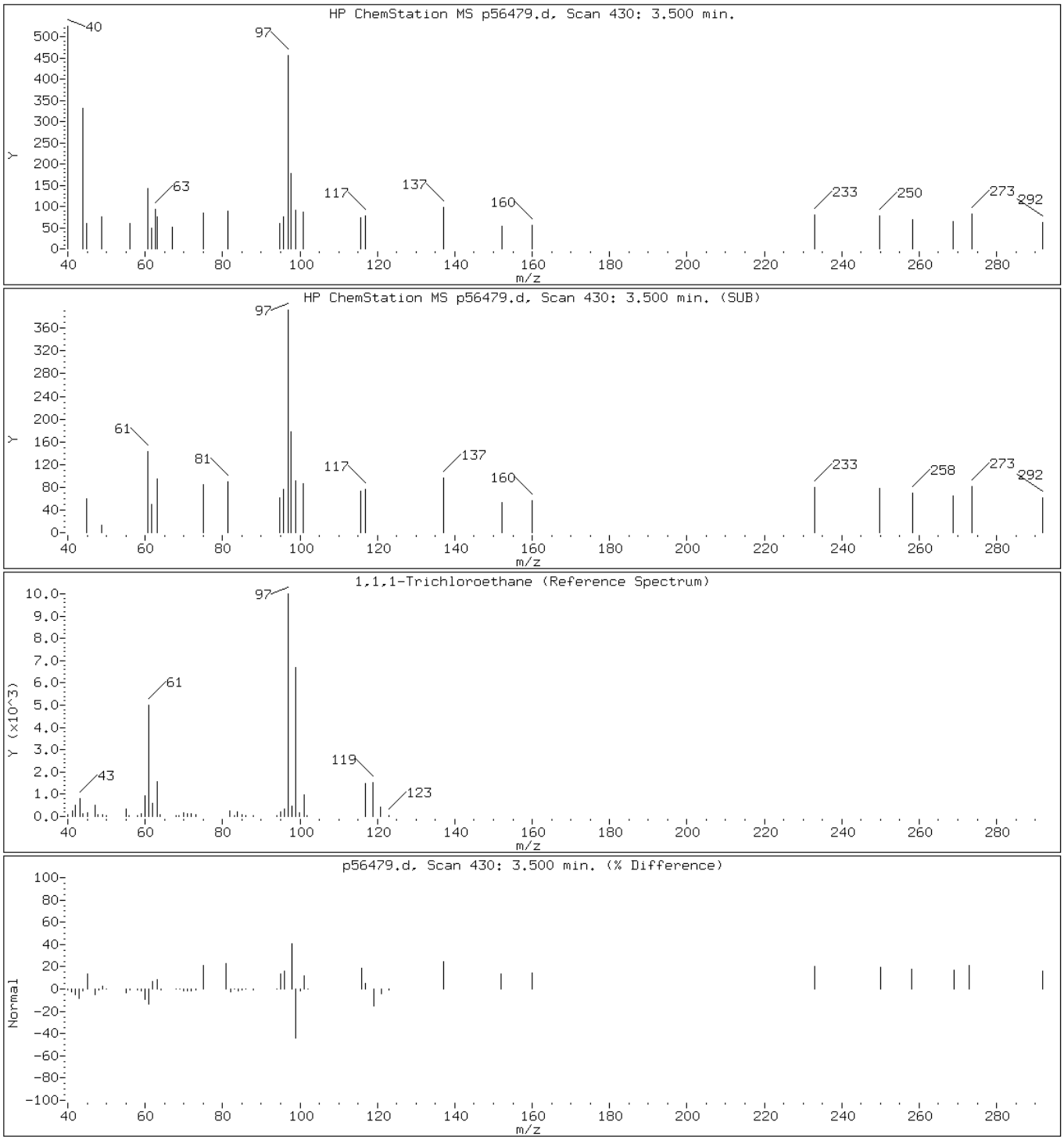
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

43 1,1,1-Trichloroethane



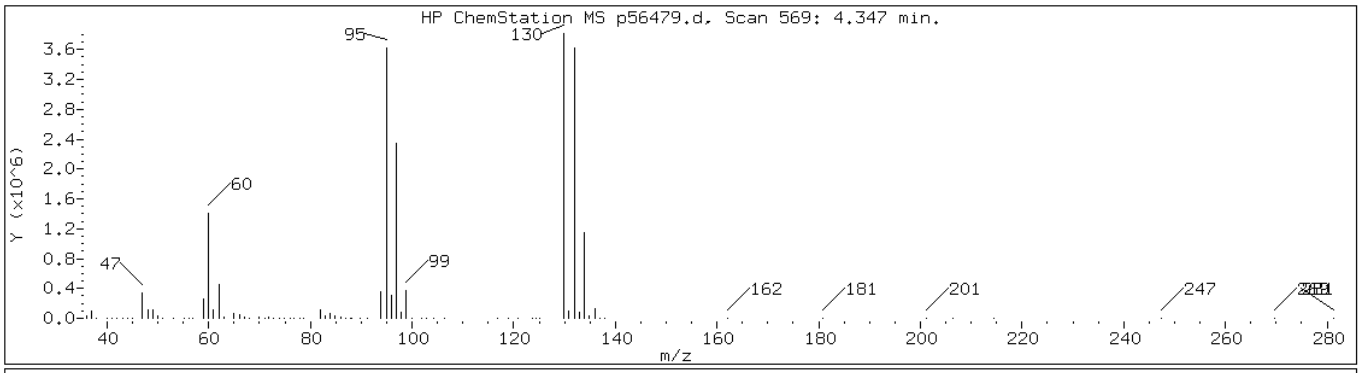
Data File: p56479.d

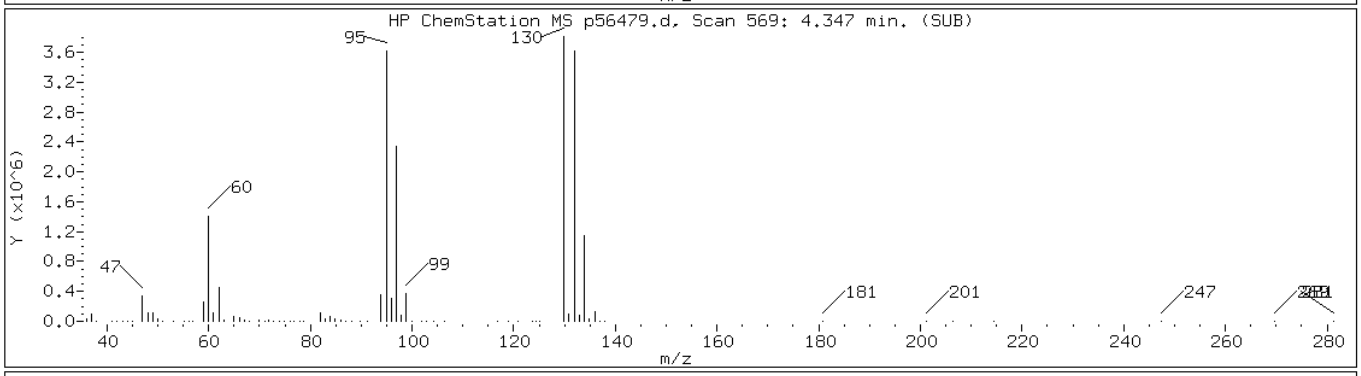
Date: 05-APR-2012 18:10

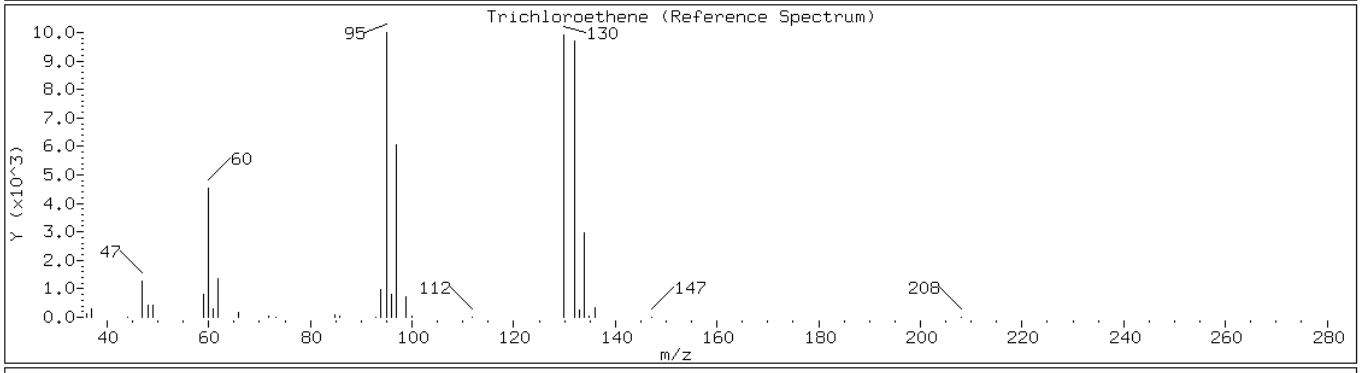
Client ID: OW-4 Instrument: VOAMS13.i

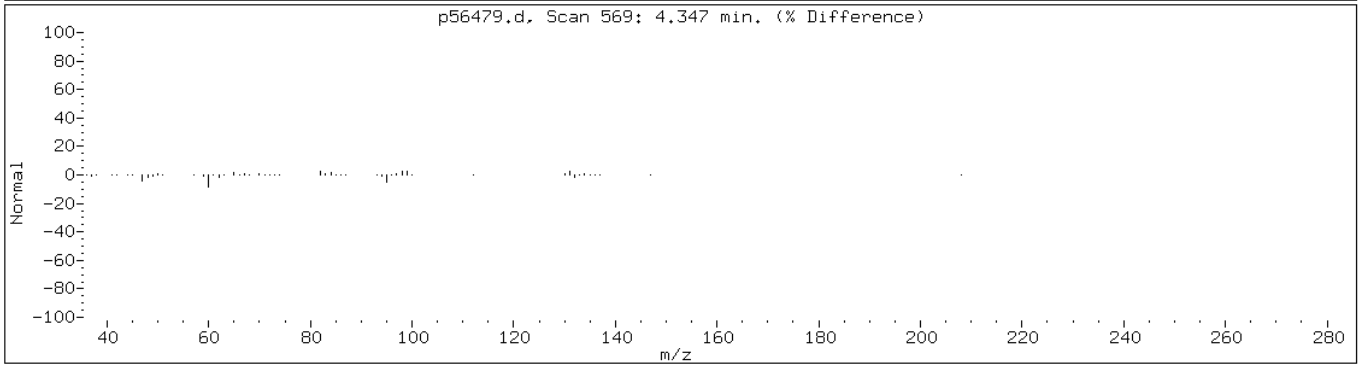
Sample Info: 460-38556-B-1 Operator:

54 Trichloroethene









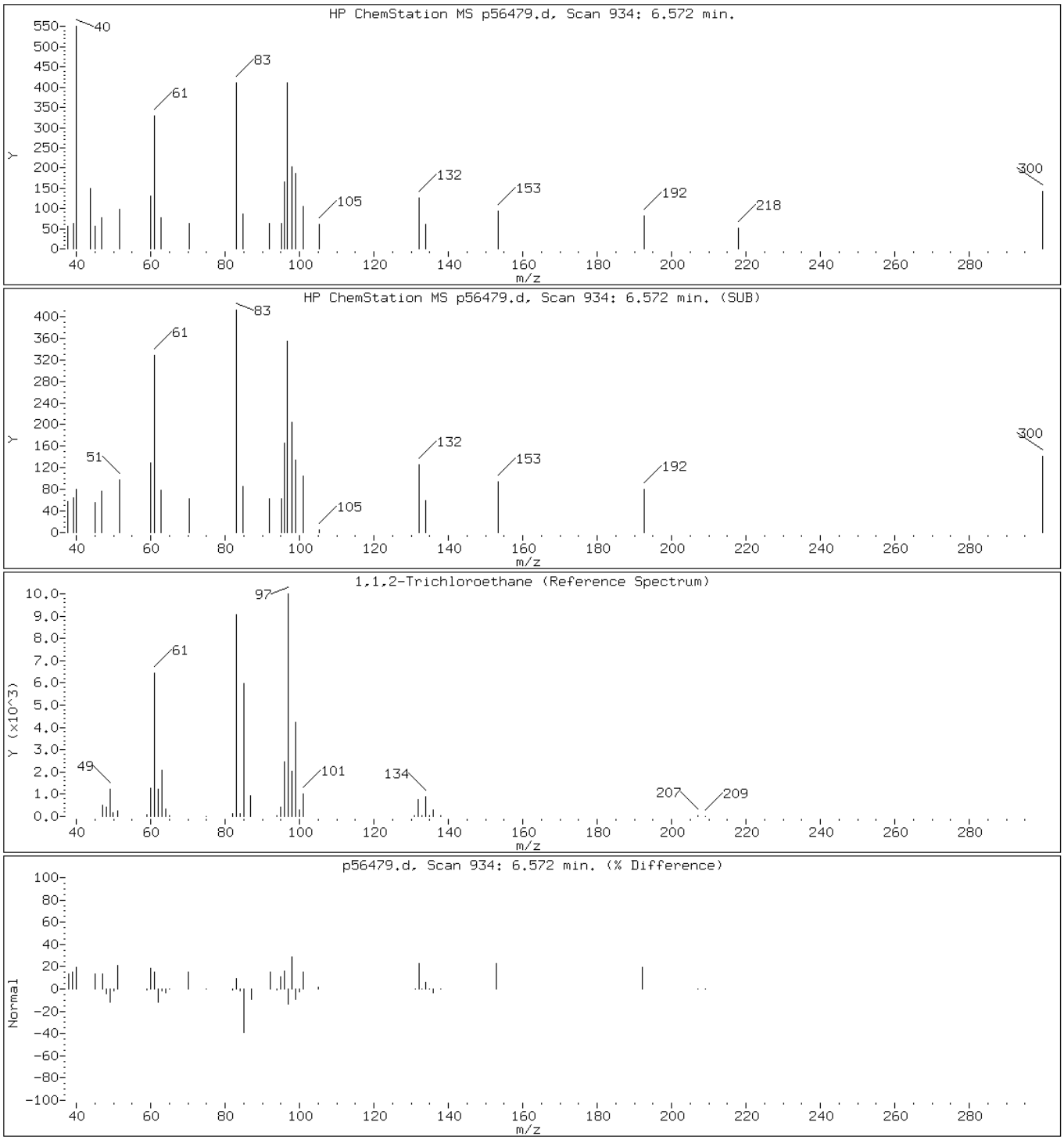
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

69 1,1,2-Trichloroethane



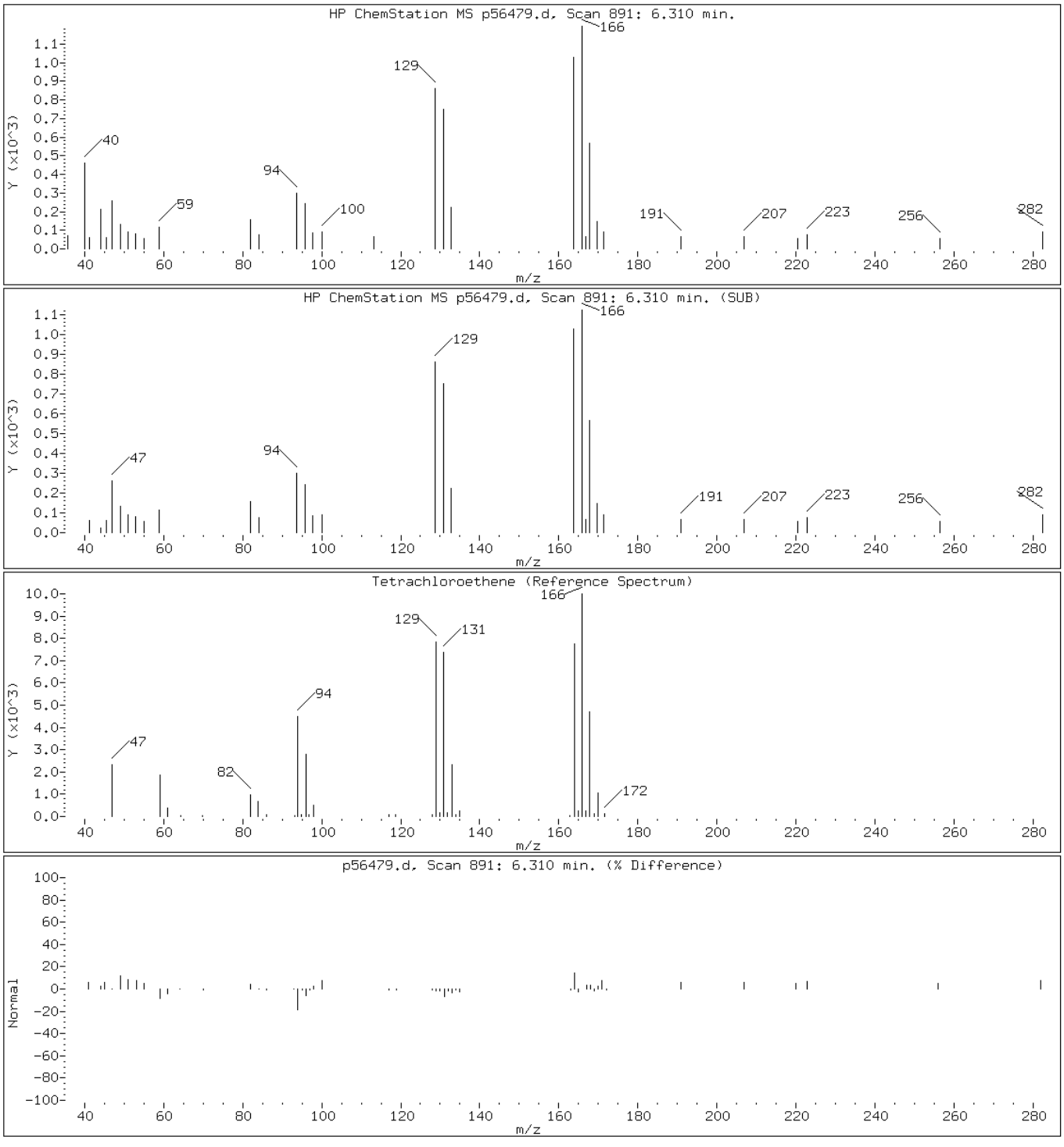
Data File: p56479.d

Date: 05-APR-2012 18:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-B-1 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: OW-4 DL Lab Sample ID: 460-38556-1 DL

Matrix: Water Lab File ID: p56456.d

Analysis Method: 8260B Date Collected: 03/30/2012 09:30

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 08:10

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1500		10	0.90

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	102		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56456.d
Report Date: 06-Apr-2012 14:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56456.d
Lab Smp Id: 460-38556-A-1 Client Smp ID: OW-4
Inj Date : 05-APR-2012 08:10
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-A-1;10
Misc Info : 460-38556-A-1
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 27
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	1693	0.58390	5.8(a)
	25 trans-1,2-Dichloroethene	96	2.317	2.311	(0.553)	1621	0.46797	4.7(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	45537	11.9297	120
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	184383	48.9586	49
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	846701	50.0000	
	54 Trichloroethene	95	4.341	4.341	(1.036)	584709	148.726	1500
$	65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	668862	45.3553	45
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	702525	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	248060	50.8609	51
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	373681	50.0000	
M	120 1,2-Dichloroethene (Total)	100				47158	12.3977	120

QC Flag Legend

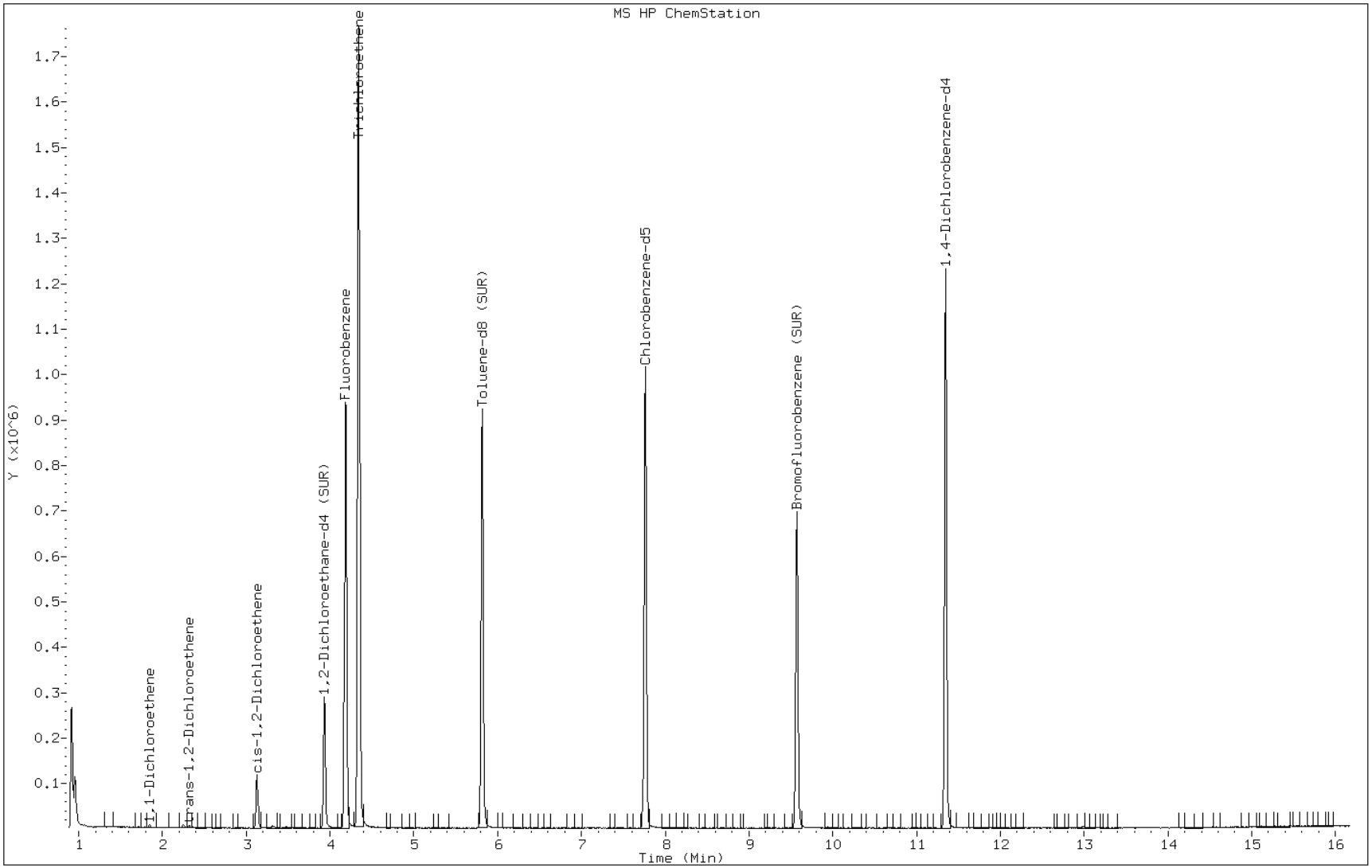
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p56456.d

Date: 05-APR-2012 08:10

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-38556-A-1;10 Operator:



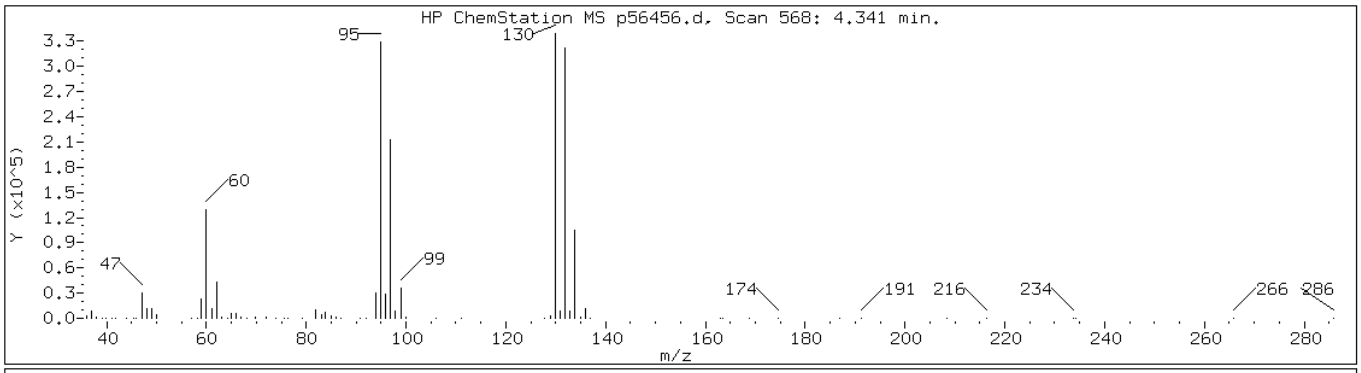
Data File: p56456.d

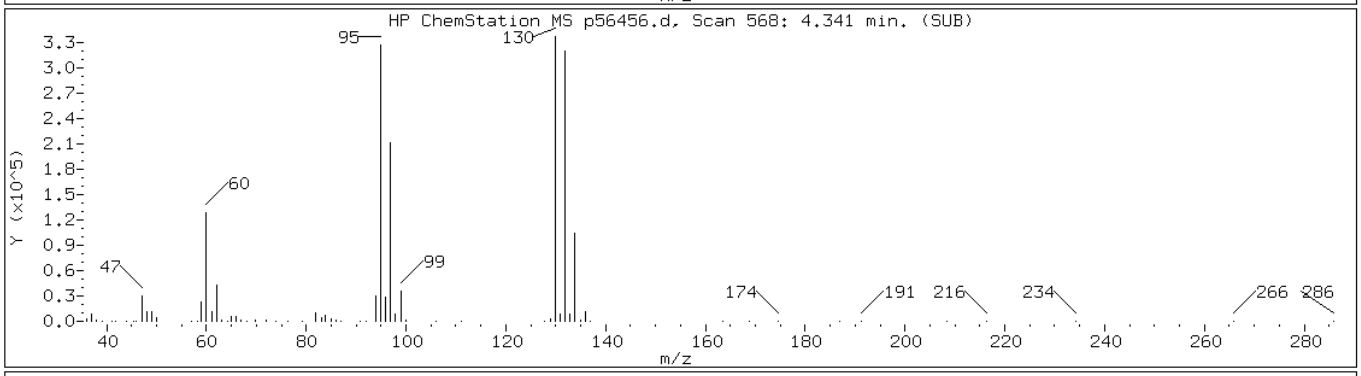
Date: 05-APR-2012 08:10

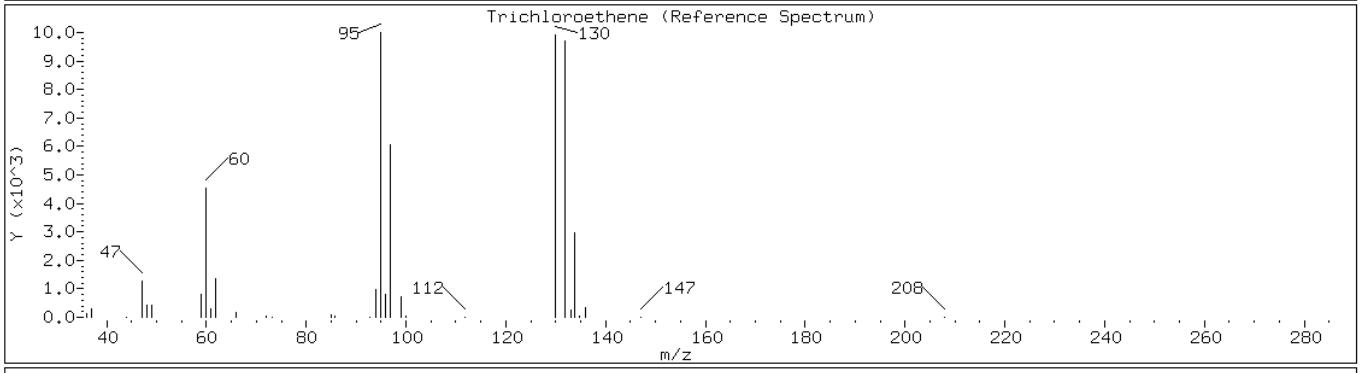
Client ID: OW-4 Instrument: VOAMS13.i

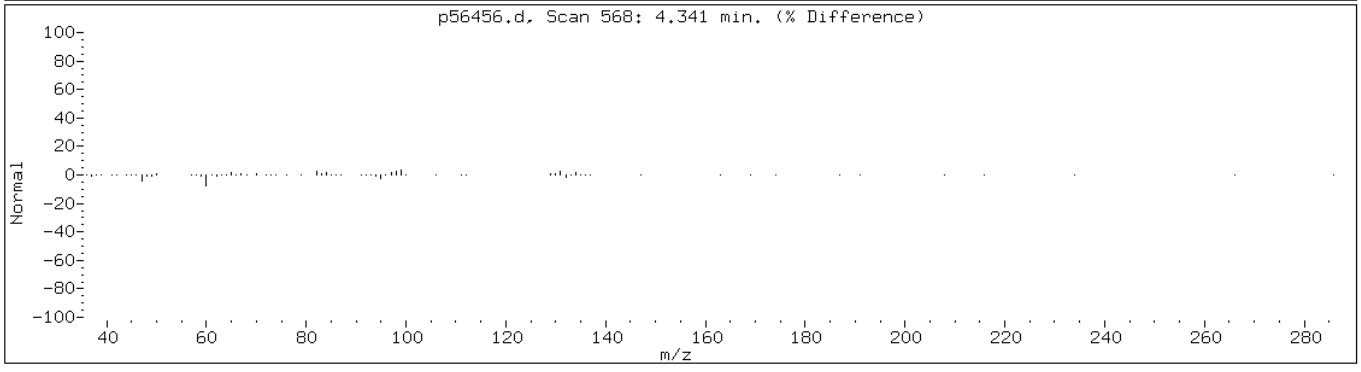
Sample Info: 460-38556-A-1;10 Operator:

54 Trichloroethene









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: OW-5 Lab Sample ID: 460-38556-2

Matrix: Water Lab File ID: p56452.d

Analysis Method: 8260B Date Collected: 03/30/2012 11:20

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 06:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	0.58	J	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.2		1.0	0.090
75-34-3	1,1-Dichloroethane	0.23	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	0.28	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	7.6		1.0	0.18
67-66-3	Chloroform	0.10	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	160		1.0	0.090
124-48-1	Dibromochloromethane	0.22	J	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.21	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	0.18	J	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: OW-5 Lab Sample ID: 460-38556-2

Matrix: Water Lab File ID: p56452.d

Analysis Method: 8260B Date Collected: 03/30/2012 11:20

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 06:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-130
2037-26-5	Toluene-d8 (Surr)	82		70-130
460-00-4	Bromofluorobenzene	90		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56452.d
Report Date: 09-Apr-2012 10:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56452.d
Lab Smp Id: 460-38556-A-2 Client Smp ID: OW-5
Inj Date : 05-APR-2012 06:34
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-A-2
Misc Info : 460-38556-A-2
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.189	1.189	(0.284)	2345	0.57924	0.58(aH)
	15 1,1-Dichloroethene	96	1.848	1.842	(0.441)	3533	1.19565	1.2
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	1001	0.28356	0.28(a)
	30 1,1-Dichloroethane	63	2.738	2.732	(0.654)	1454	0.22647	0.23(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	29561	7.59911	7.6
	42 Chloroform	83	3.341	3.341	(0.798)	625	0.10153	0.10(aH)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	173393	45.1770	45
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	862885	50.0000	
	54 Trichloroethene	95	4.341	4.341	(1.036)	654835	163.439	160
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	606912	41.2058	41
	66 Toluene	91	5.877	5.871	(0.757)	3417	0.17972	0.18(a)
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	883	0.21086	0.21(a)
	74 Dibromochloromethane	129	6.780	6.780	(0.874)	828	0.21814	0.22(a)
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	701651	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	220777	44.7659	45
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	377863	50.0000	

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56452.d
Report Date: 09-Apr-2012 10:27

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 120 1,2-Dichloroethene (Total)	100				30562	7.88267	7.9

QC Flag Legend

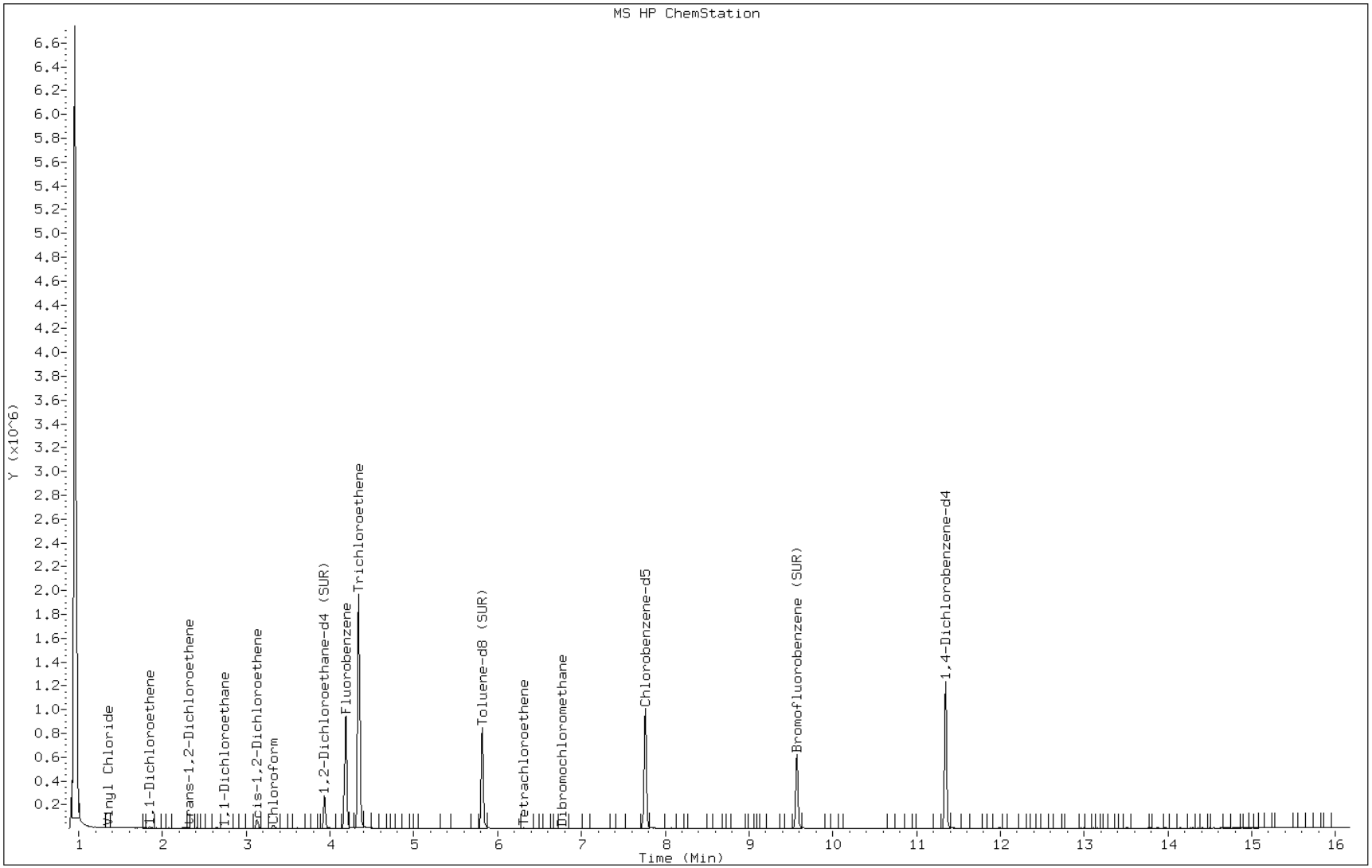
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:



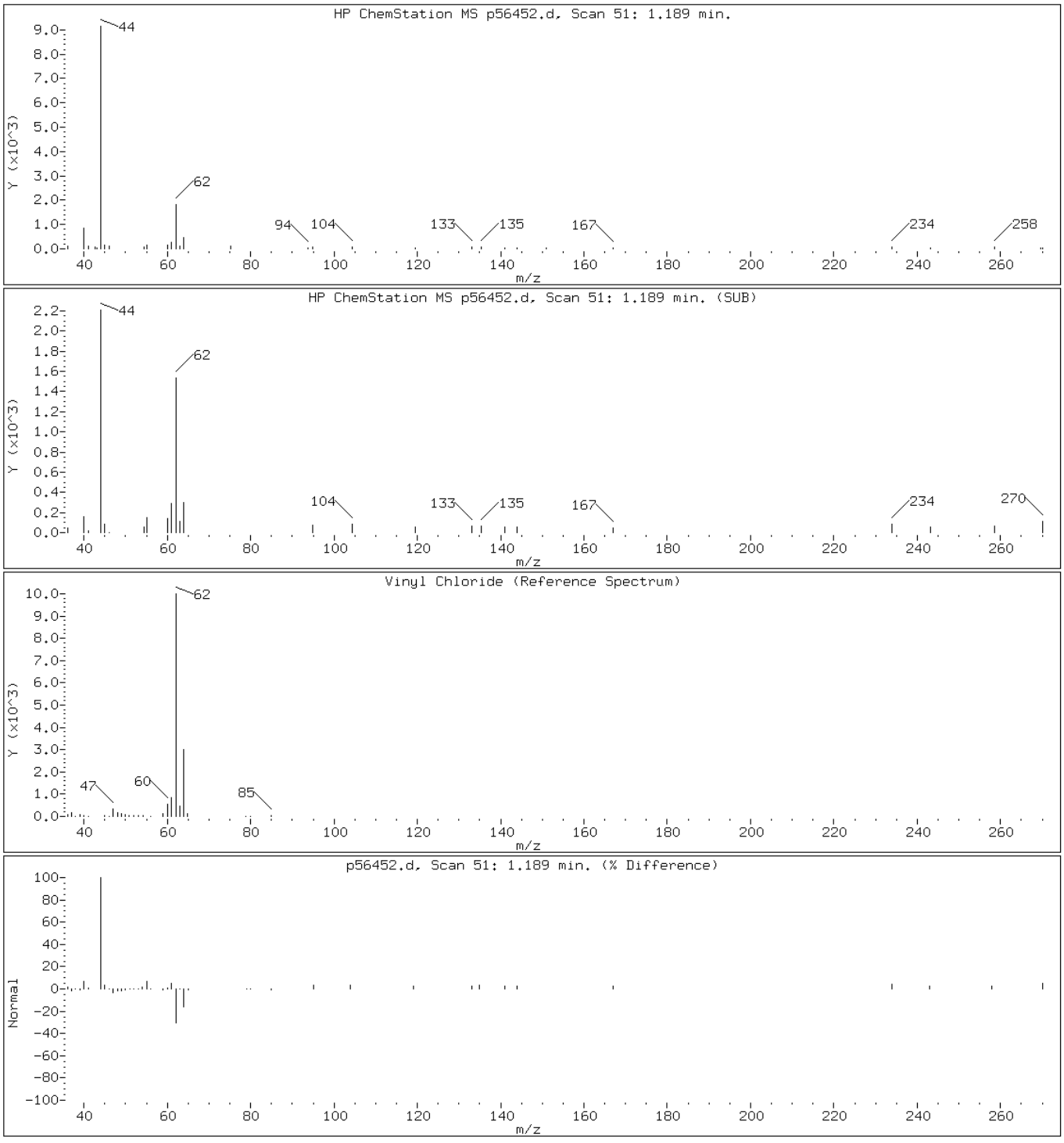
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

4 Vinyl Chloride



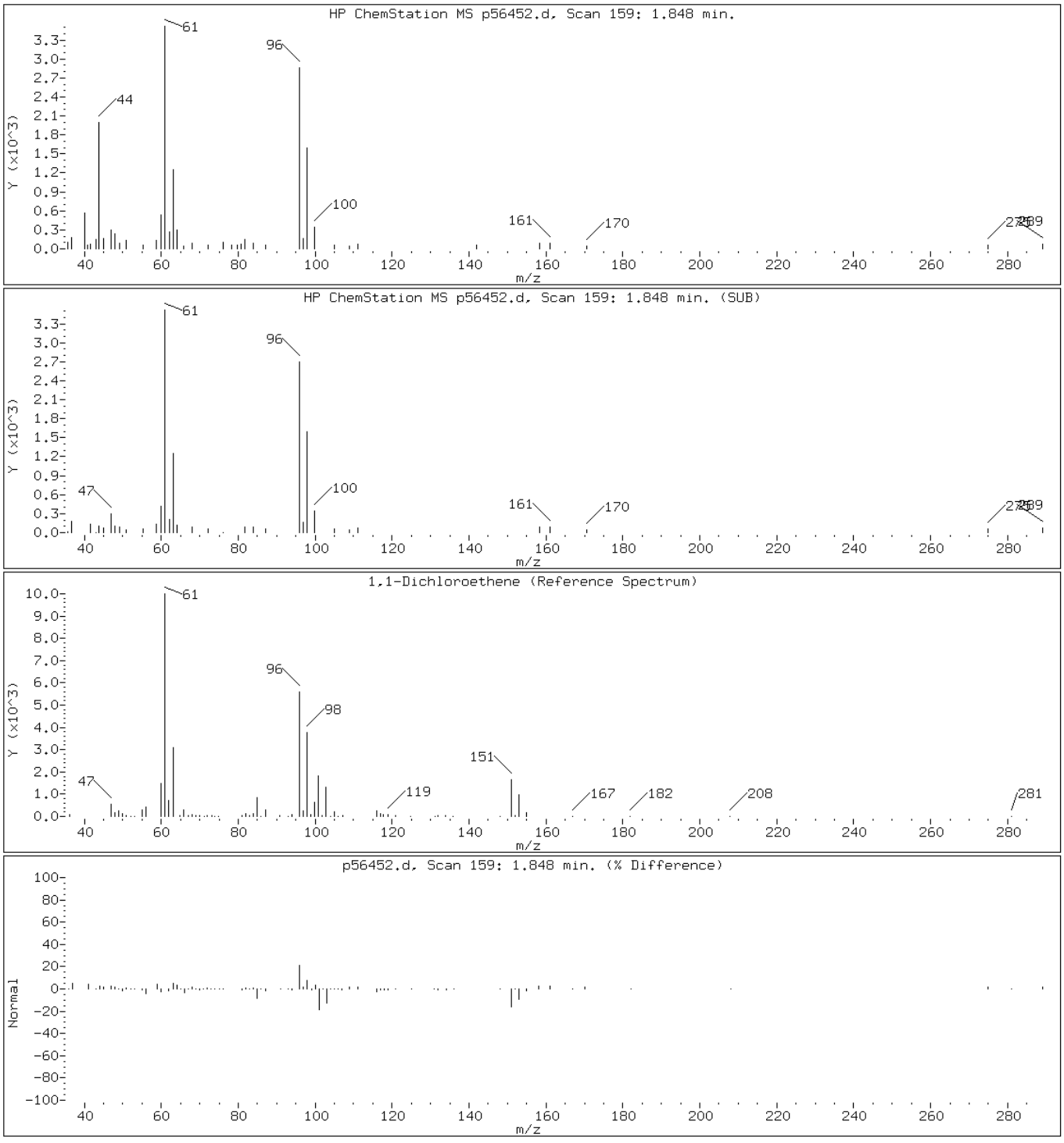
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

15 1,1-Dichloroethene



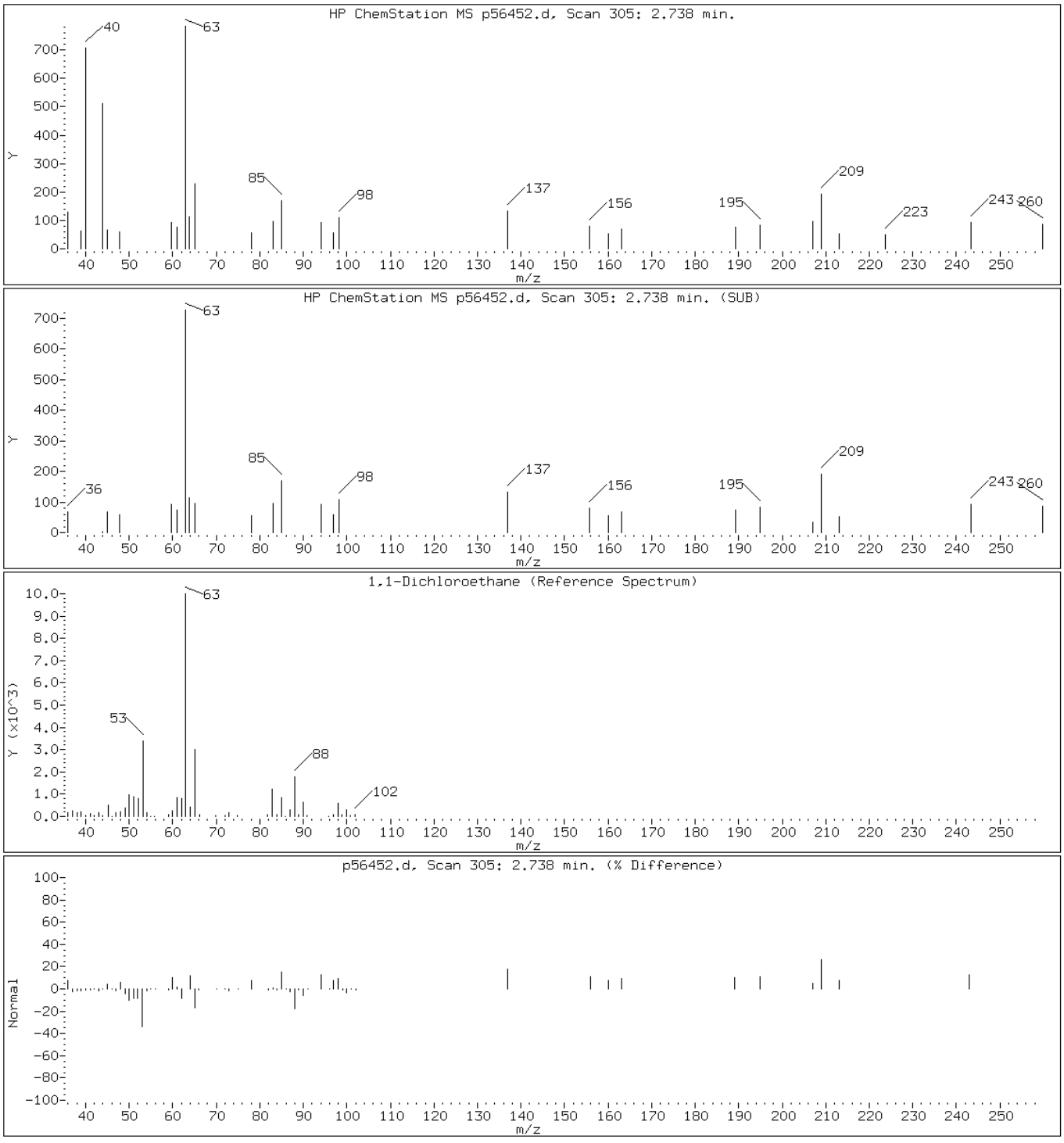
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

30 1,1-Dichloroethane



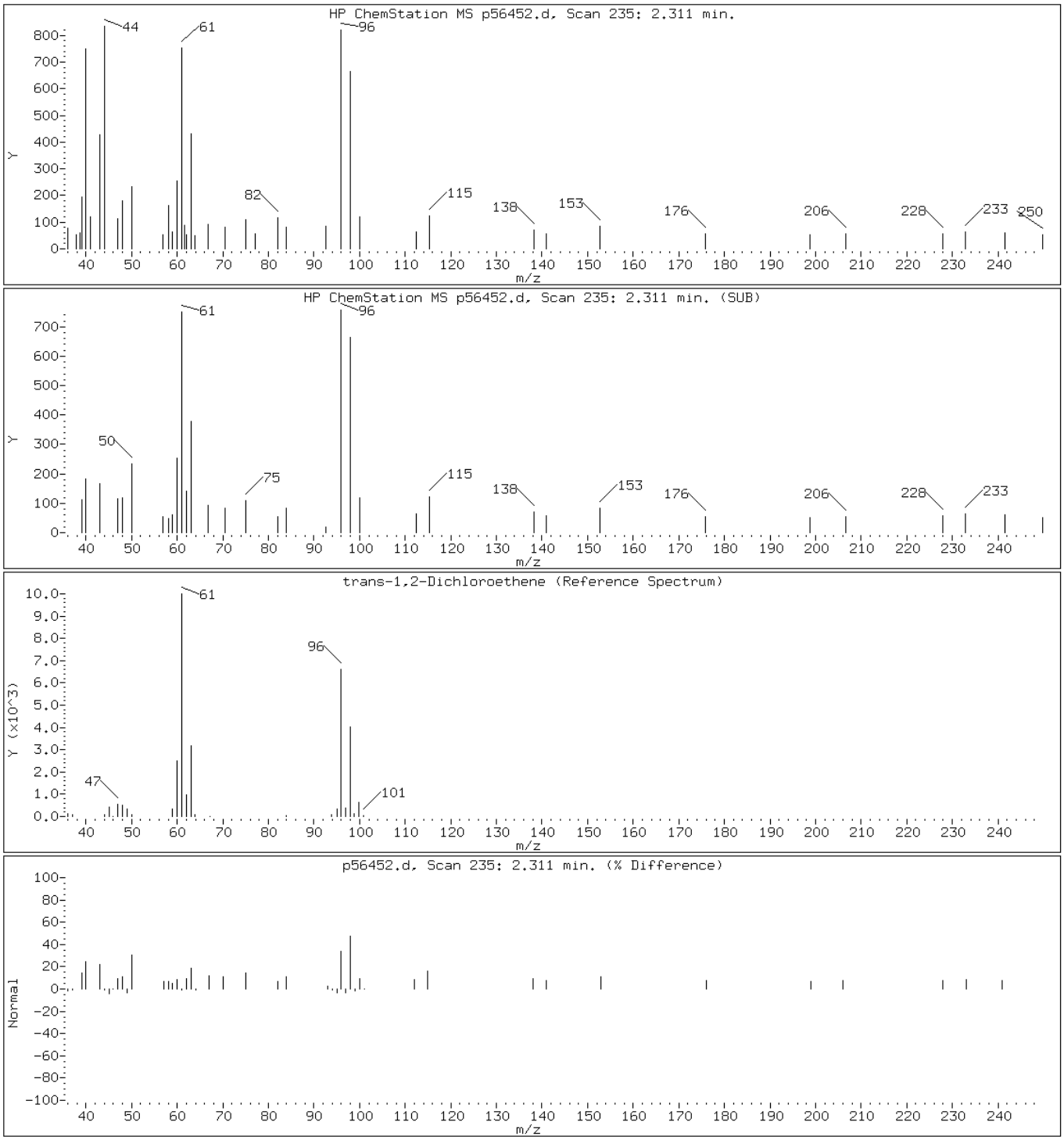
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

25 trans-1,2-Dichloroethene



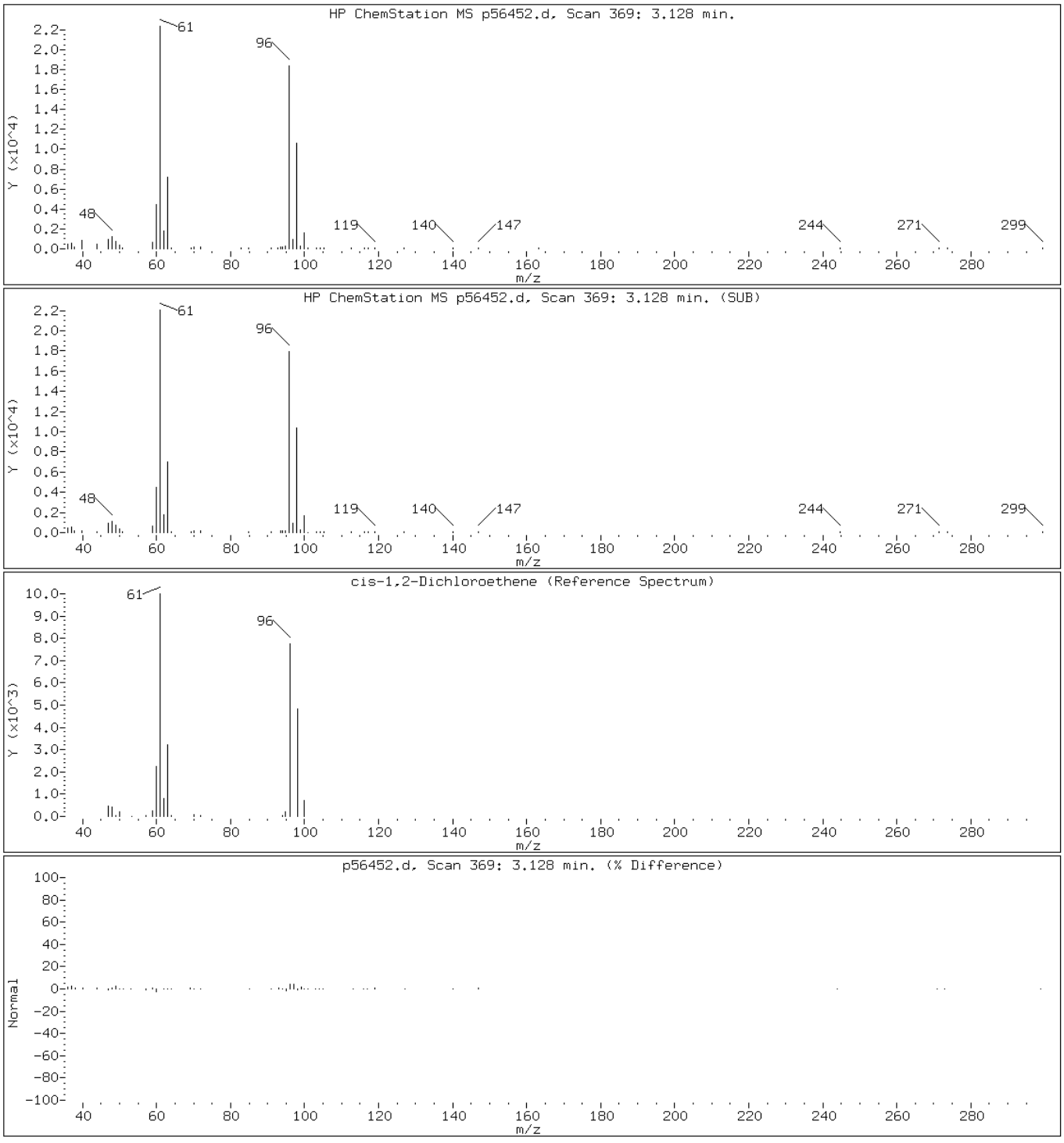
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

36 cis-1,2-Dichloroethene



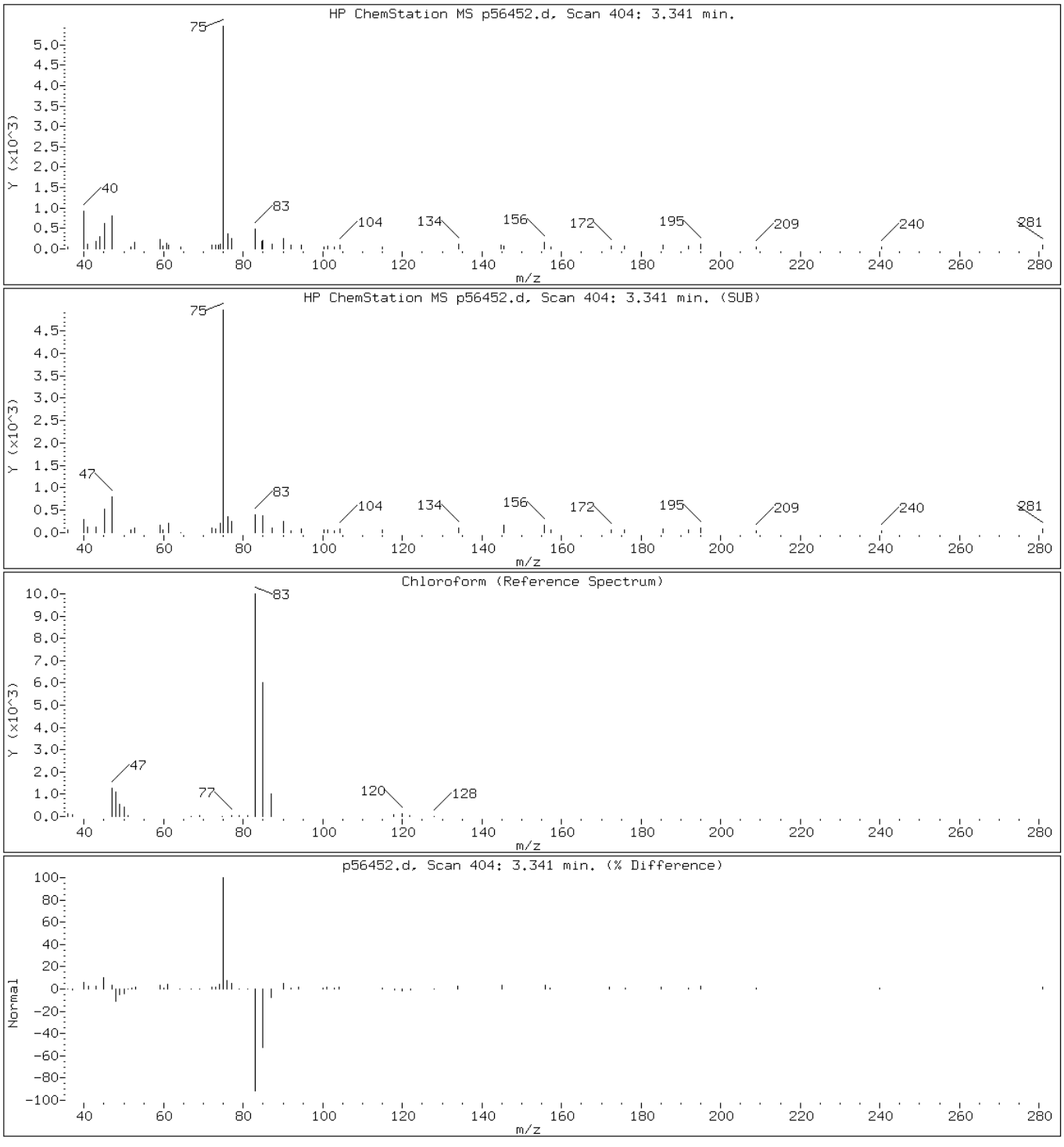
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

42 Chloroform



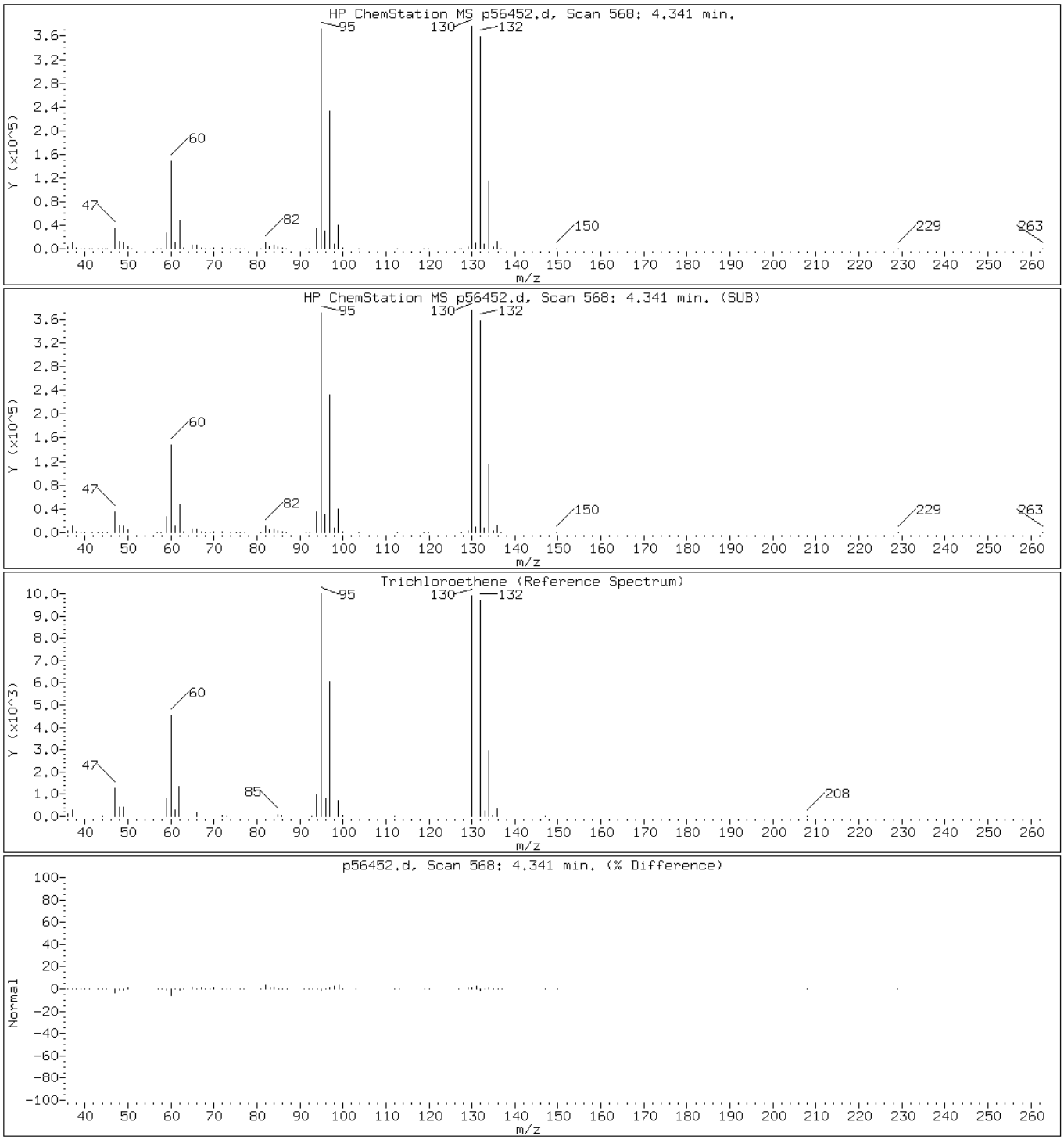
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

54 Trichloroethene



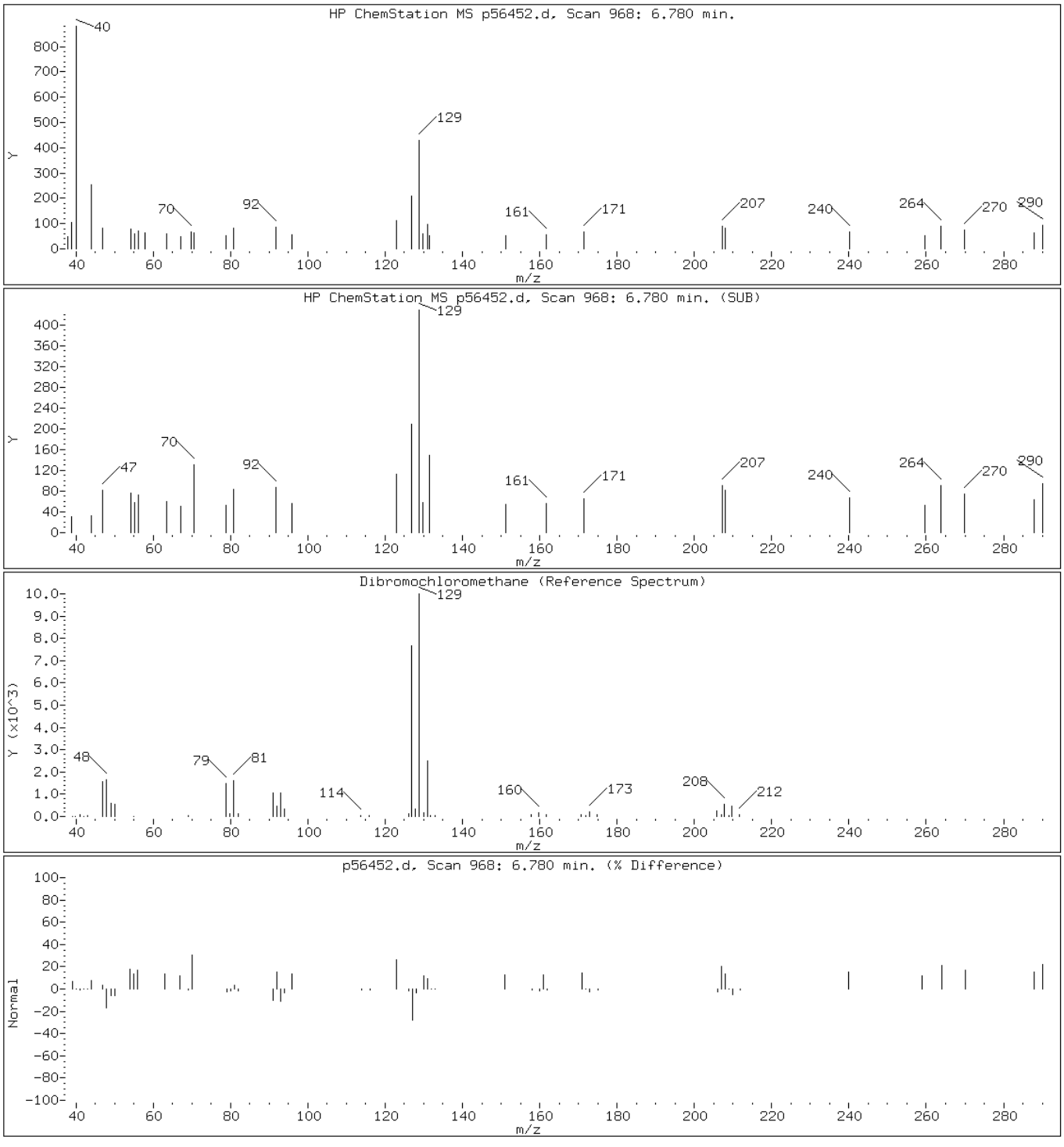
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

74 Dibromochloromethane



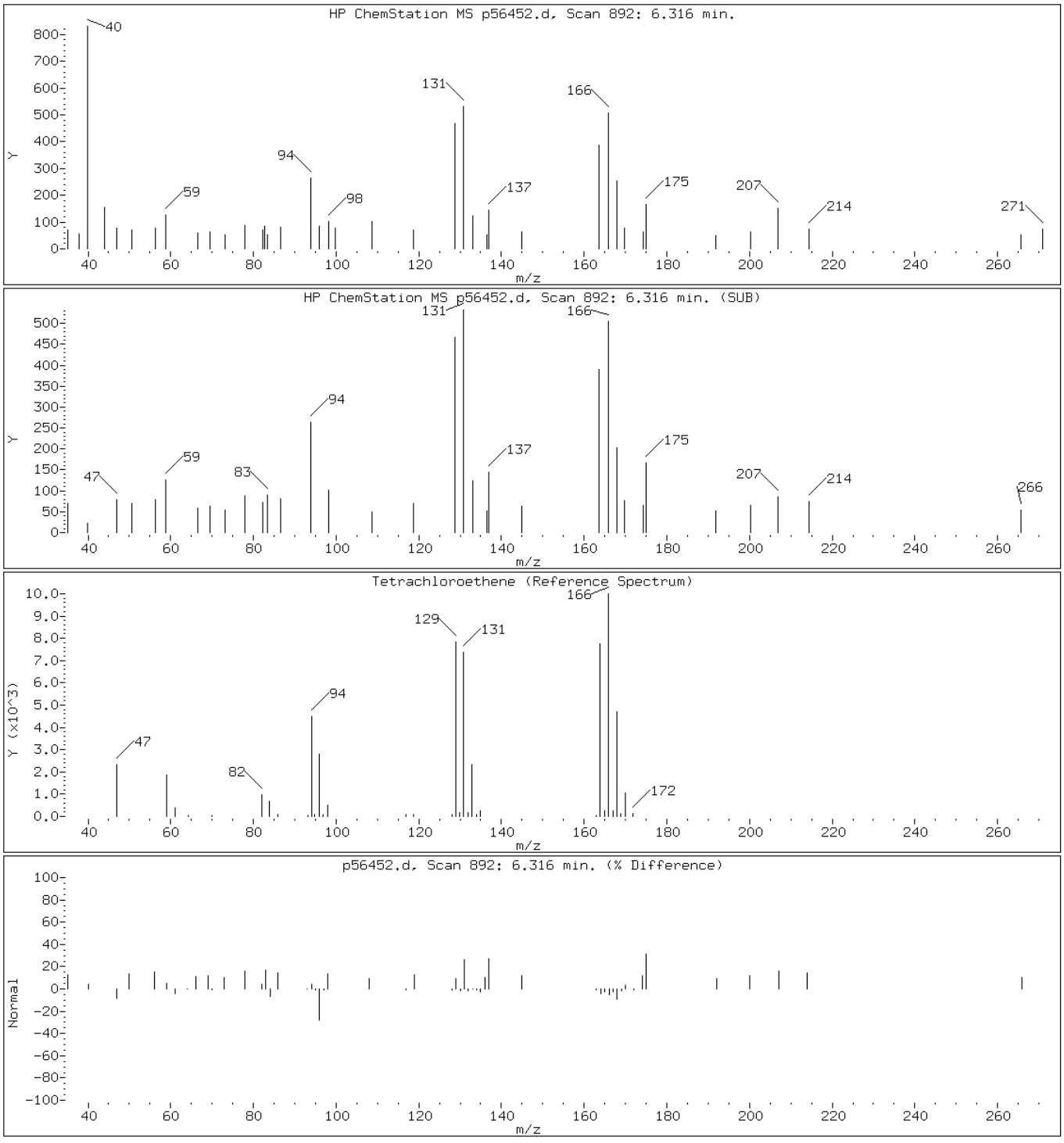
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

71 Tetrachloroethene



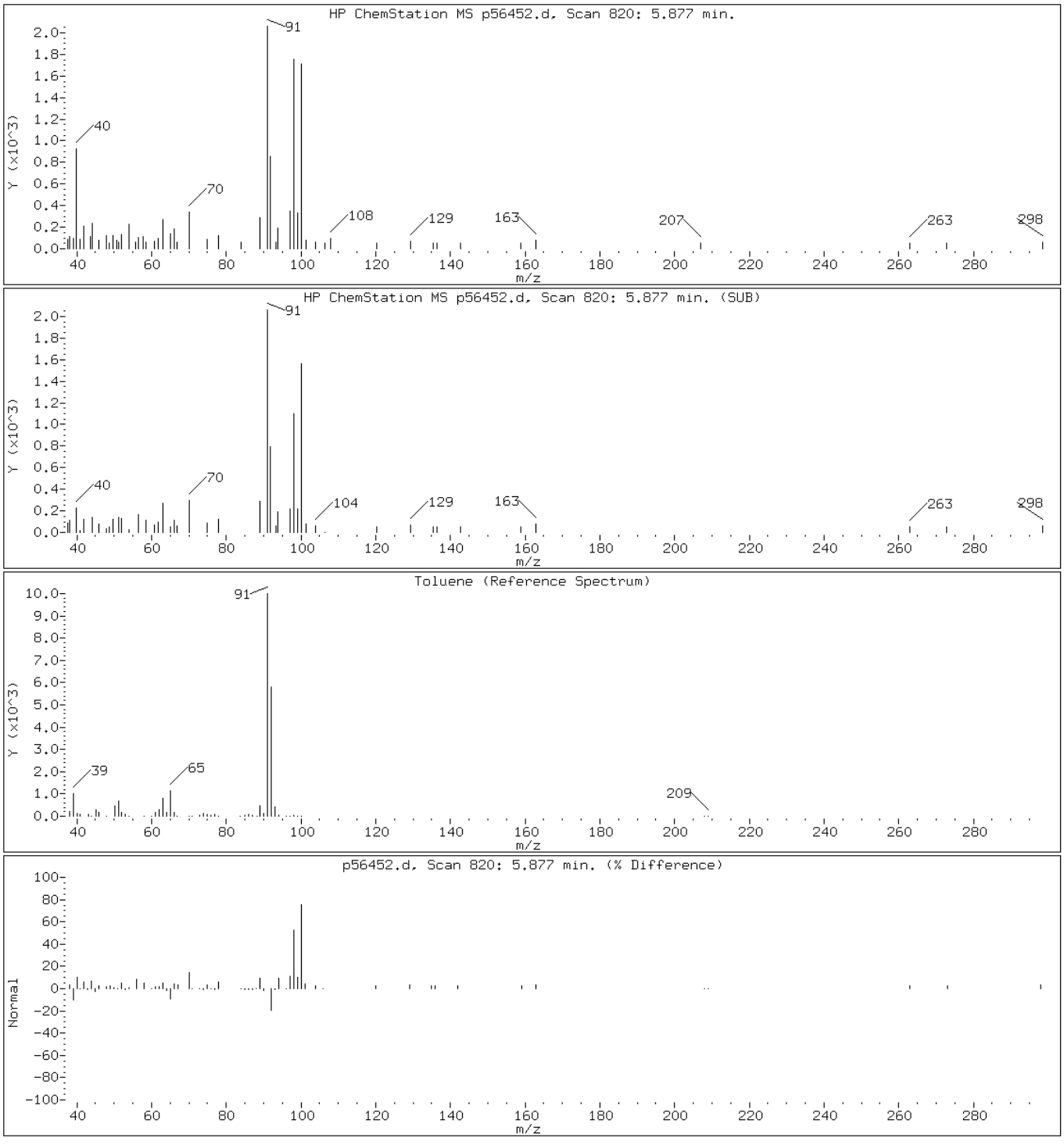
Data File: p56452.d

Date: 05-APR-2012 06:34

Client ID: OW-5 Instrument: VOAMS13.i

Sample Info: 460-38556-A-2 Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: MW-34I | Lab Sample ID: 460-38556-3

Matrix: Water | Lab File ID: p56480.d

Analysis Method: 8260B | Date Collected: 03/30/2012 12:20

Sample wt/vol: 5(mL) | Date Analyzed: 04/05/2012 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108324 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	17		1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	21		1.0	0.090
75-34-3	1,1-Dichloroethane	4.3		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	4.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	130		1.0	0.18
67-66-3	Chloroform	0.26	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.28	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	*Trichloroethene*	*3300*	*E*	*1.0*	*0.090*
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.2		1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.4		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: MW-34I Lab Sample ID: 460-38556-3

Matrix: Water Lab File ID: p56480.d

Analysis Method: 8260B Date Collected: 03/30/2012 12:20

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 18:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		70-130
2037-26-5	Toluene-d8 (Surr)	83		70-130
460-00-4	Bromofluorobenzene	91		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56480.d
Report Date: 06-Apr-2012 04:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56480.d
Lab Smp Id: 460-38556-B-3 Client Smp ID: MW-34I
Inj Date : 05-APR-2012 18:34
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-B-3
Misc Info : 460-38556-B-3
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.189	1.189	(0.284)	61328	17.1362	17
	15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	55959	21.4224	21
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	12694	4.06769	4.1
	28 MTBE	73	2.390	2.396	(0.571)	3094	0.33145	0.33(a)
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	24439	4.30593	4.3
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	450237	130.925	130
	42 Chloroform	83	3.341	3.341	(0.798)	1400	0.25728	0.26(a)
	43 1,1,1-Trichloroethane	97	3.506	3.500	(0.837)	1262	0.28068	0.28(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	146523	43.1847	43
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	762806	50.0000	
	54 Trichloroethene	95	4.347	4.341	(1.038)	11735389	3313.30	3300(A)
$	65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	535921	41.3901	41
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	5092	1.38317	1.4
	69 1,1,2-Trichloroethane	83	6.579	6.572	(0.848)	3336	1.15582	1.2
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	616820	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	200458	45.5407	46

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56480.d
Report Date: 06-Apr-2012 04:20

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	337250	50.0000	
109 1,4-Dichlorobenzene	146	11.364	11.370	(1.002)	10590	1.10367	1.1
111 1,2-Dichlorobenzene	146	11.919	11.919	(1.050)	4404	0.48705	0.49(a)
M 120 1,2-Dichloroethene (Total)	100				462931	134.993	130

QC Flag Legend

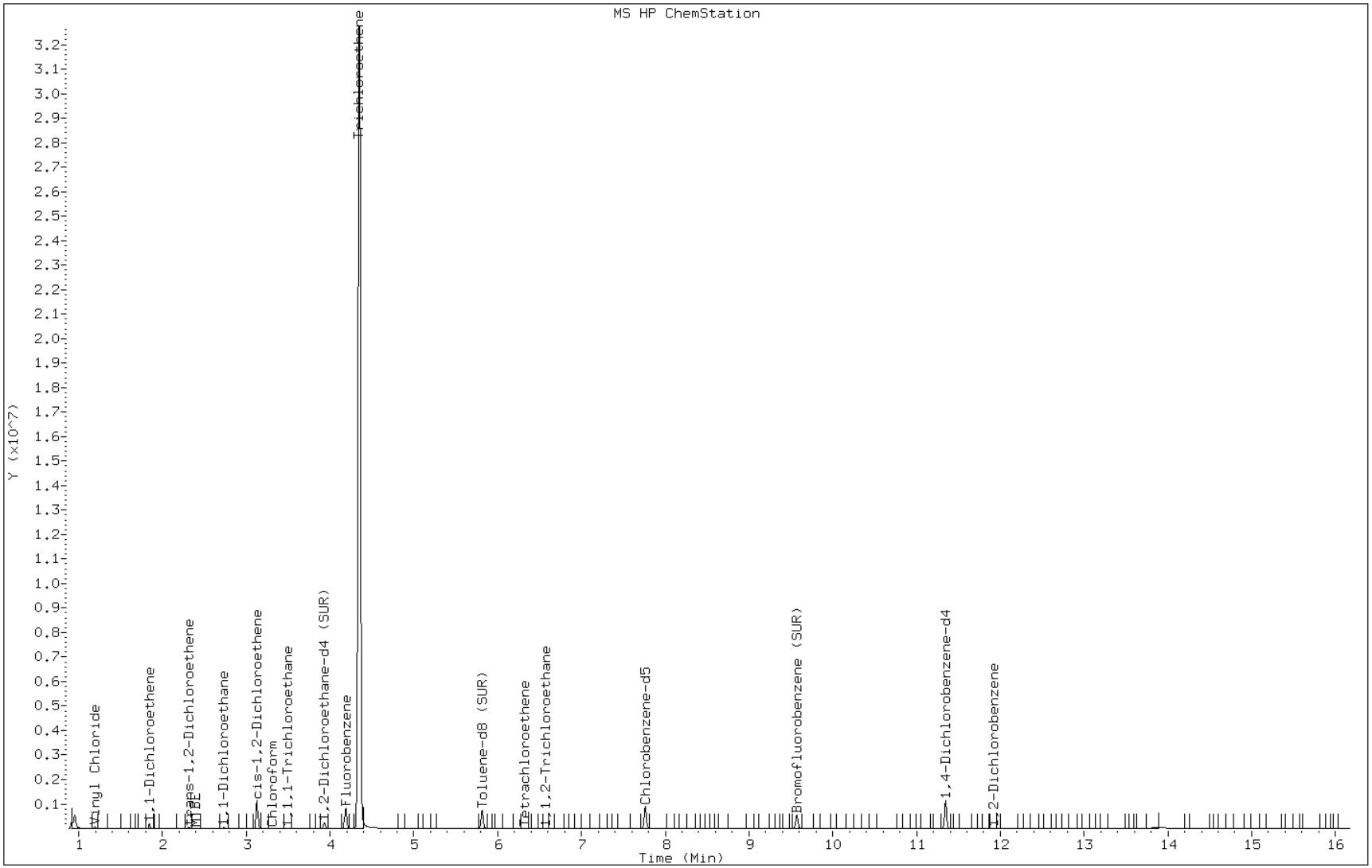
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: p56480.d

Date: 05-APR-2012 18:34

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-B-3 Operator:



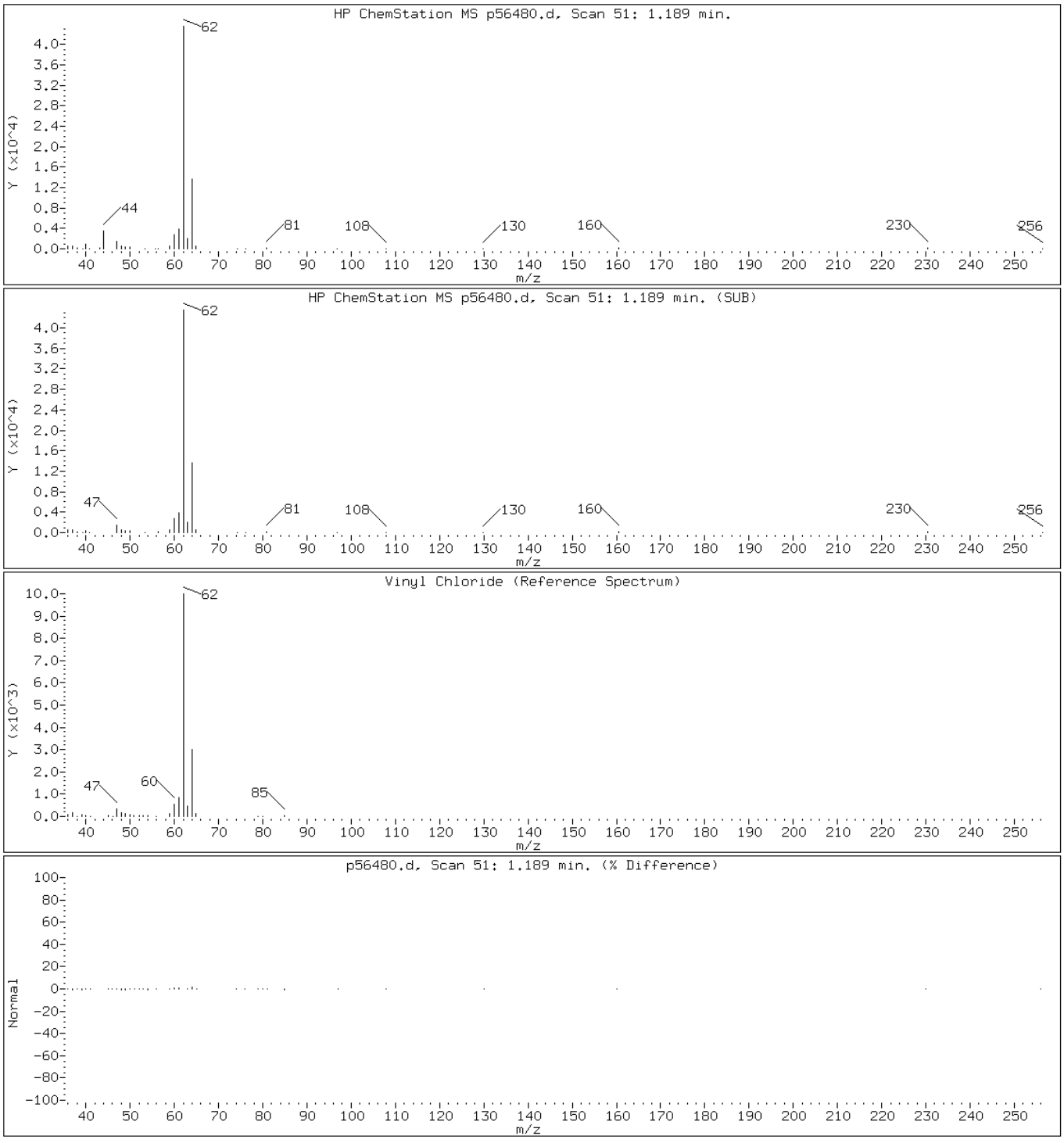
Data File: p56480.d

Date: 05-APR-2012 18:34

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-B-3 Operator:

4 Vinyl Chloride



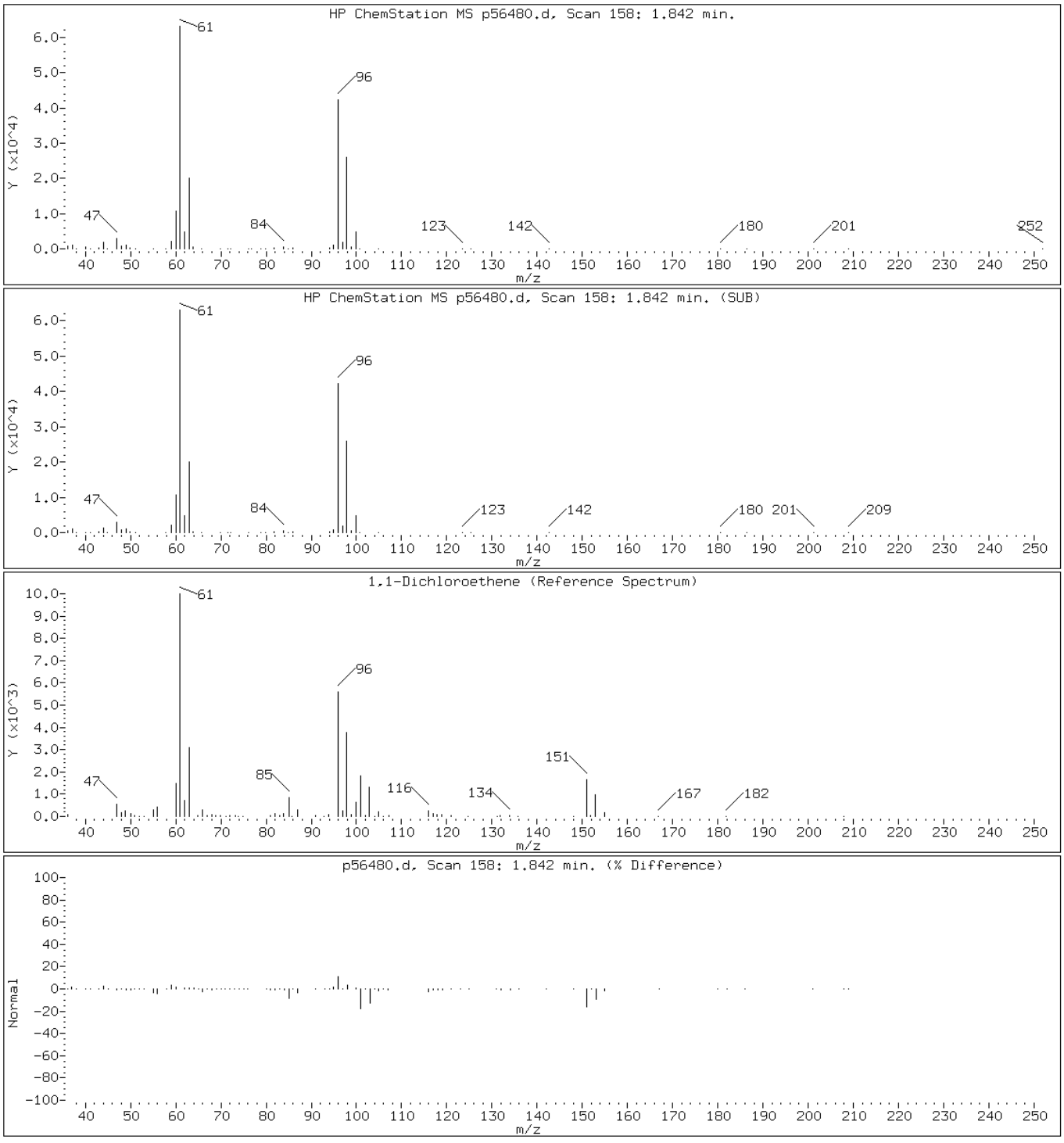
Data File: p56480.d

Date: 05-APR-2012 18:34

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-B-3 Operator:

15 1,1-Dichloroethene



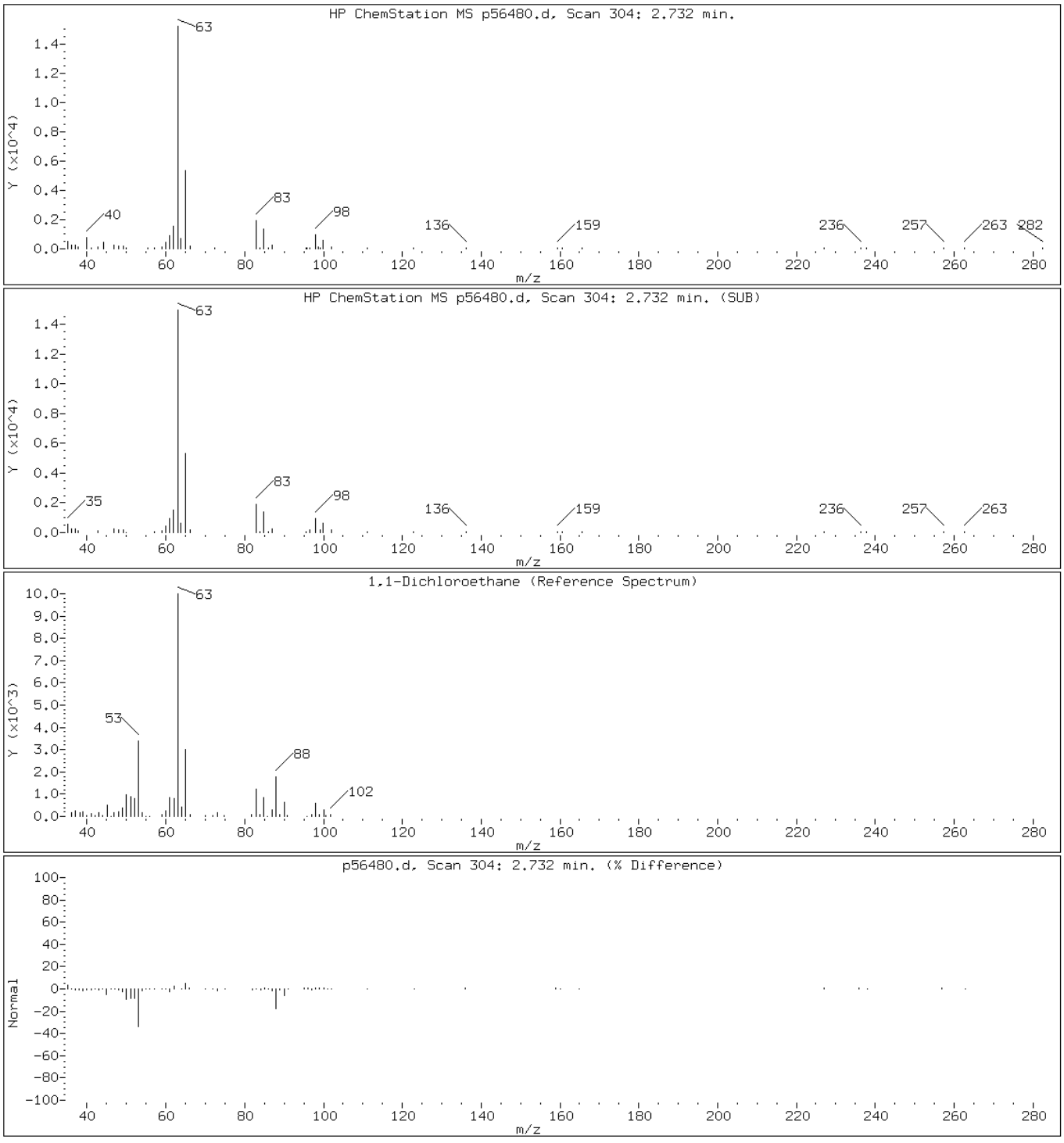
Data File: p56480.d

Date: 05-APR-2012 18:34

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-B-3 Operator:

30 1,1-Dichloroethane



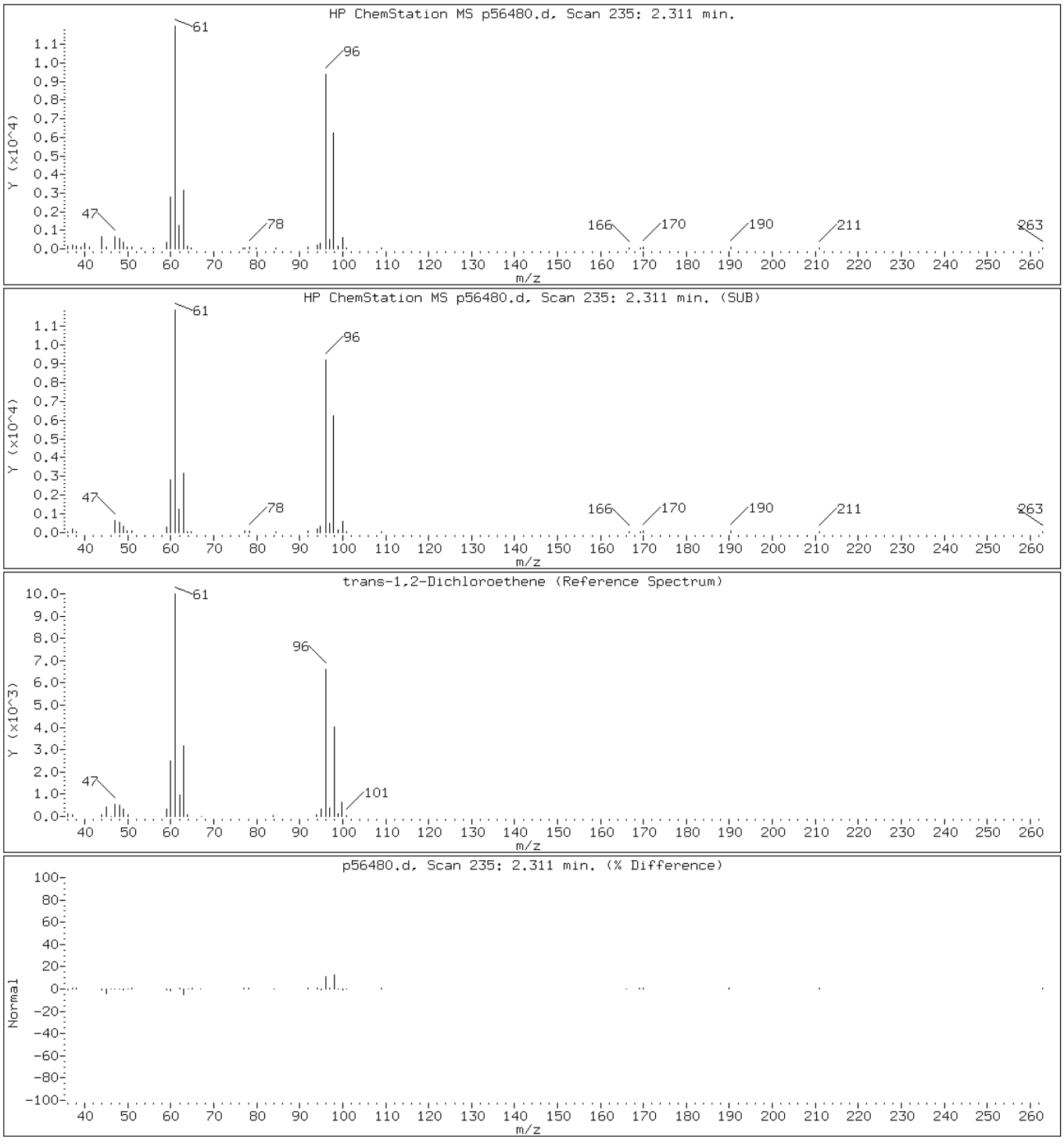
Data File: p56480.d

Date: 05-APR-2012 18:34

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-B-3 Operator:

25 trans-1,2-Dichloroethene



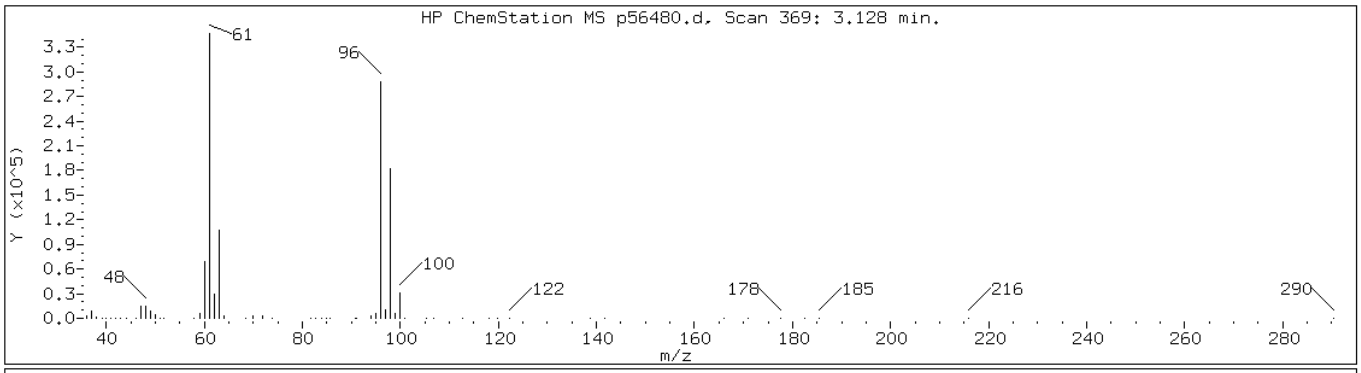
Data File: p56480.d

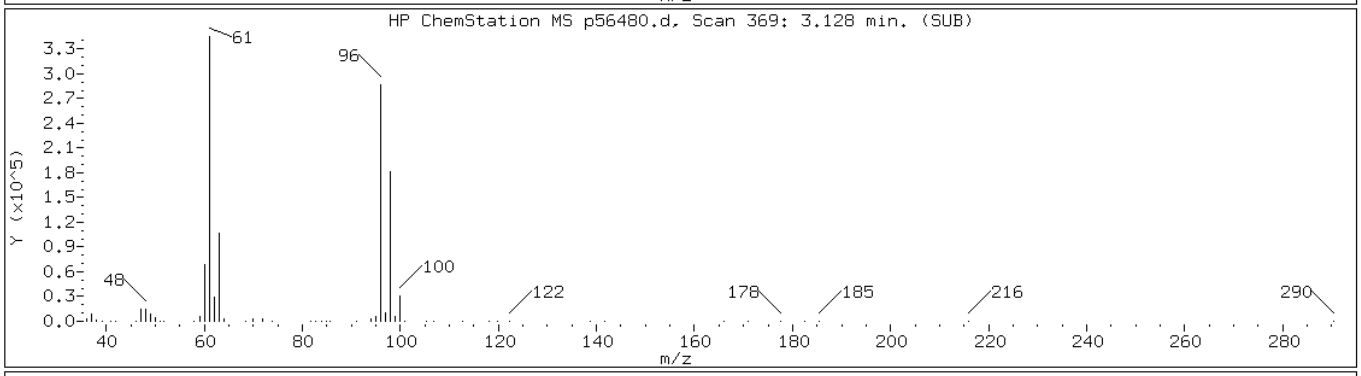
Date: 05-APR-2012 18:34

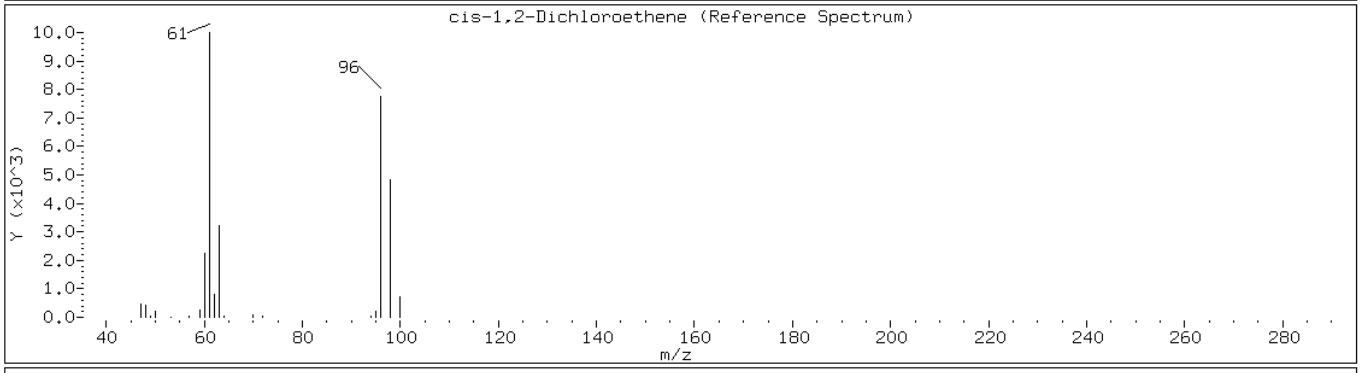
Client ID: MW-34I Instrument: VOAMS13.i

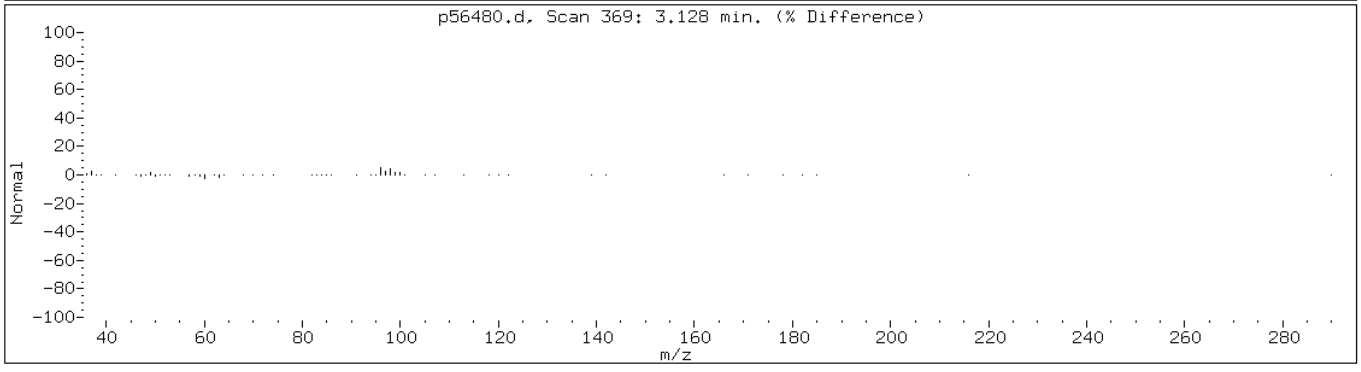
Sample Info: 460-38556-B-3 Operator:

36 cis-1,2-Dichloroethene









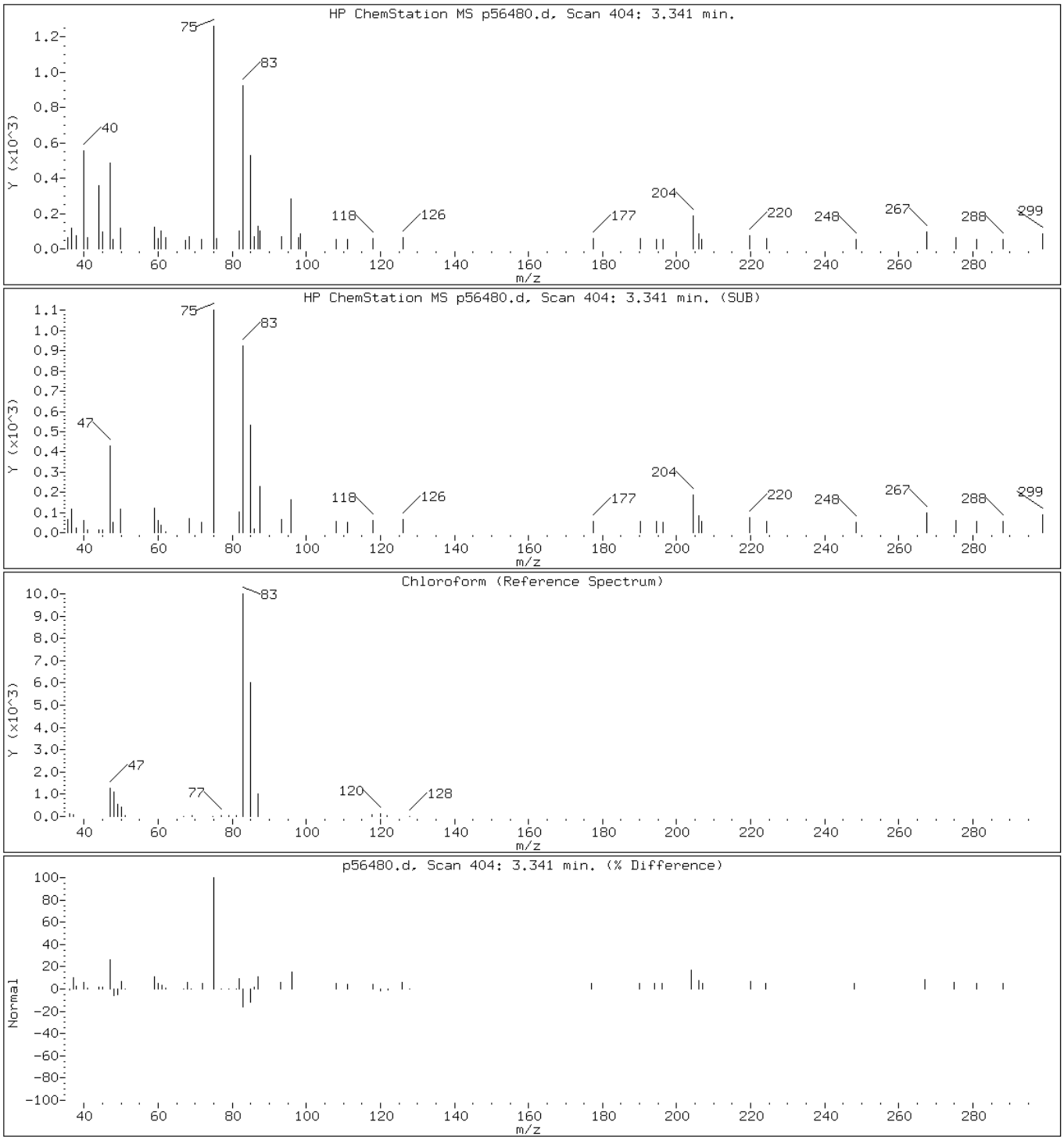
Data File: p56480.d

Date: 05-APR-2012 18:34

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-B-3 Operator:

42 Chloroform



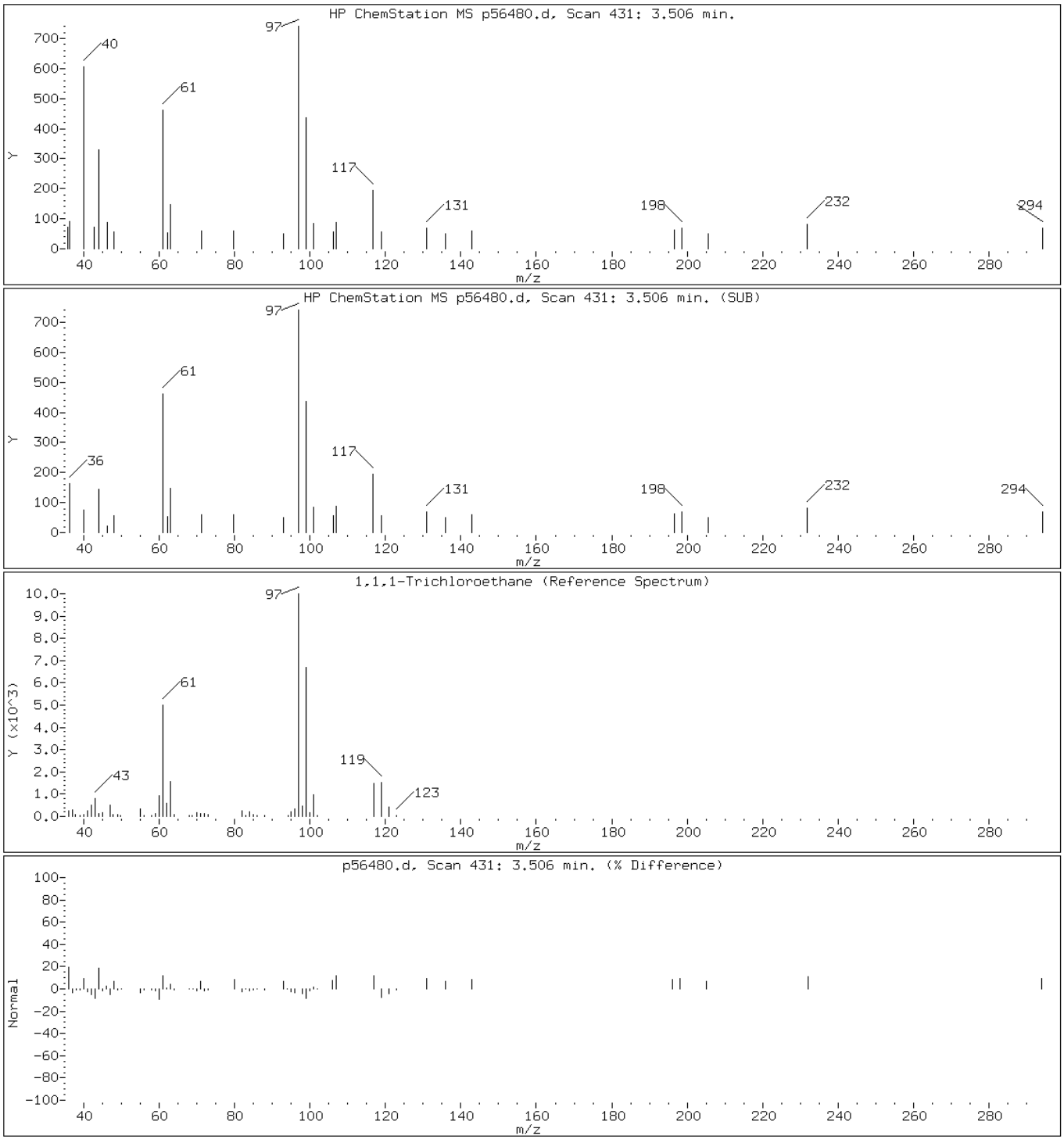
Data File: p56480.d

Date: 05-APR-2012 18:34

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-B-3 Operator:

43 1,1,1-Trichloroethane



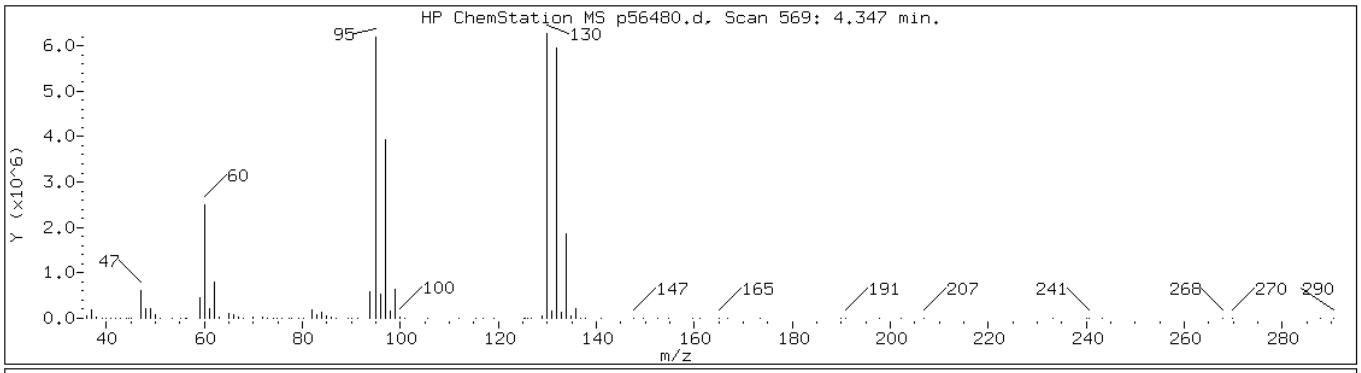
Data File: p56480.d

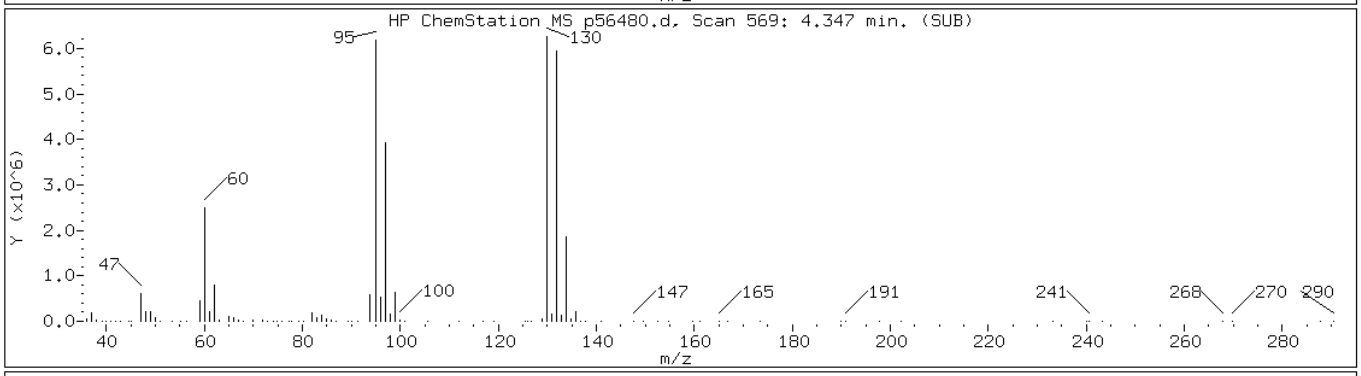
Date: 05-APR-2012 18:34

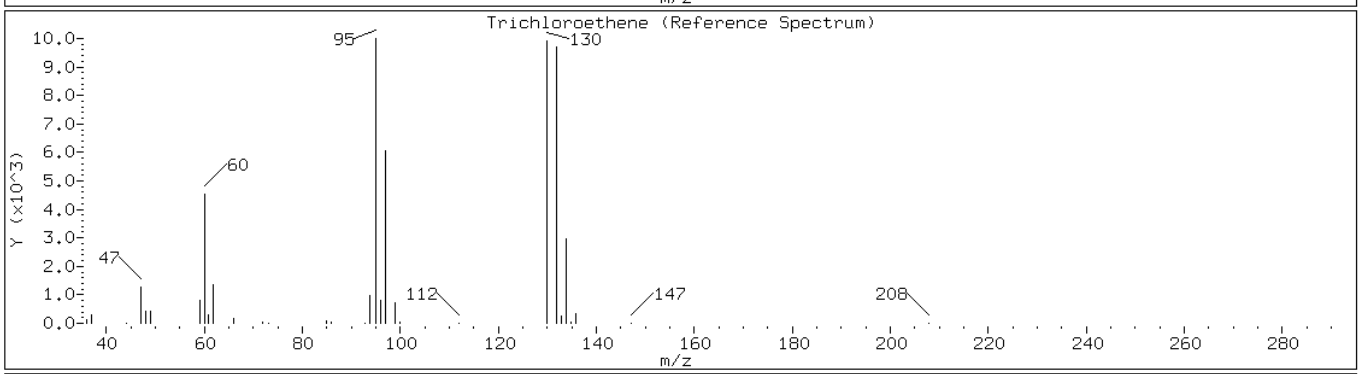
Client ID: MW-34I Instrument: VOAMS13.i

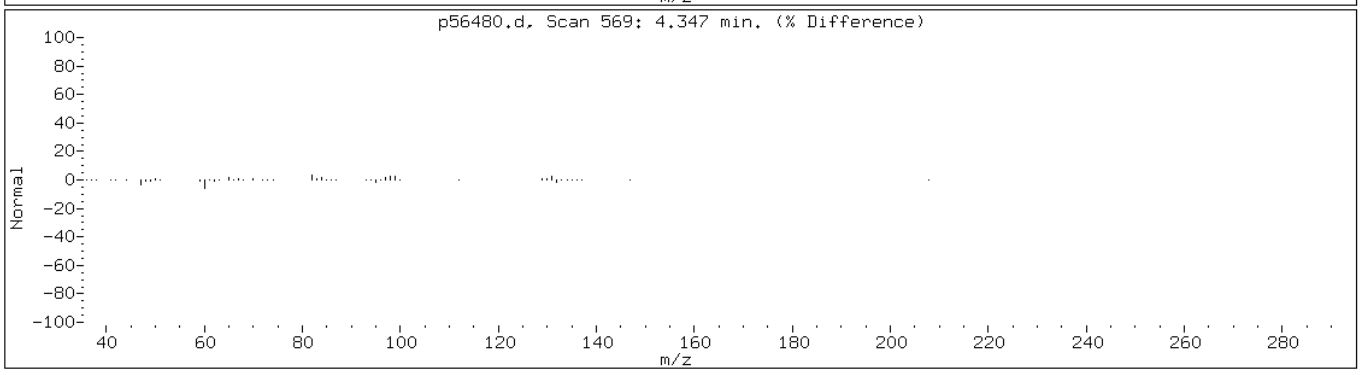
Sample Info: 460-38556-B-3 Operator:

54 Trichloroethene









Data File: p56480.d

Date: 05-APR-2012 18:34

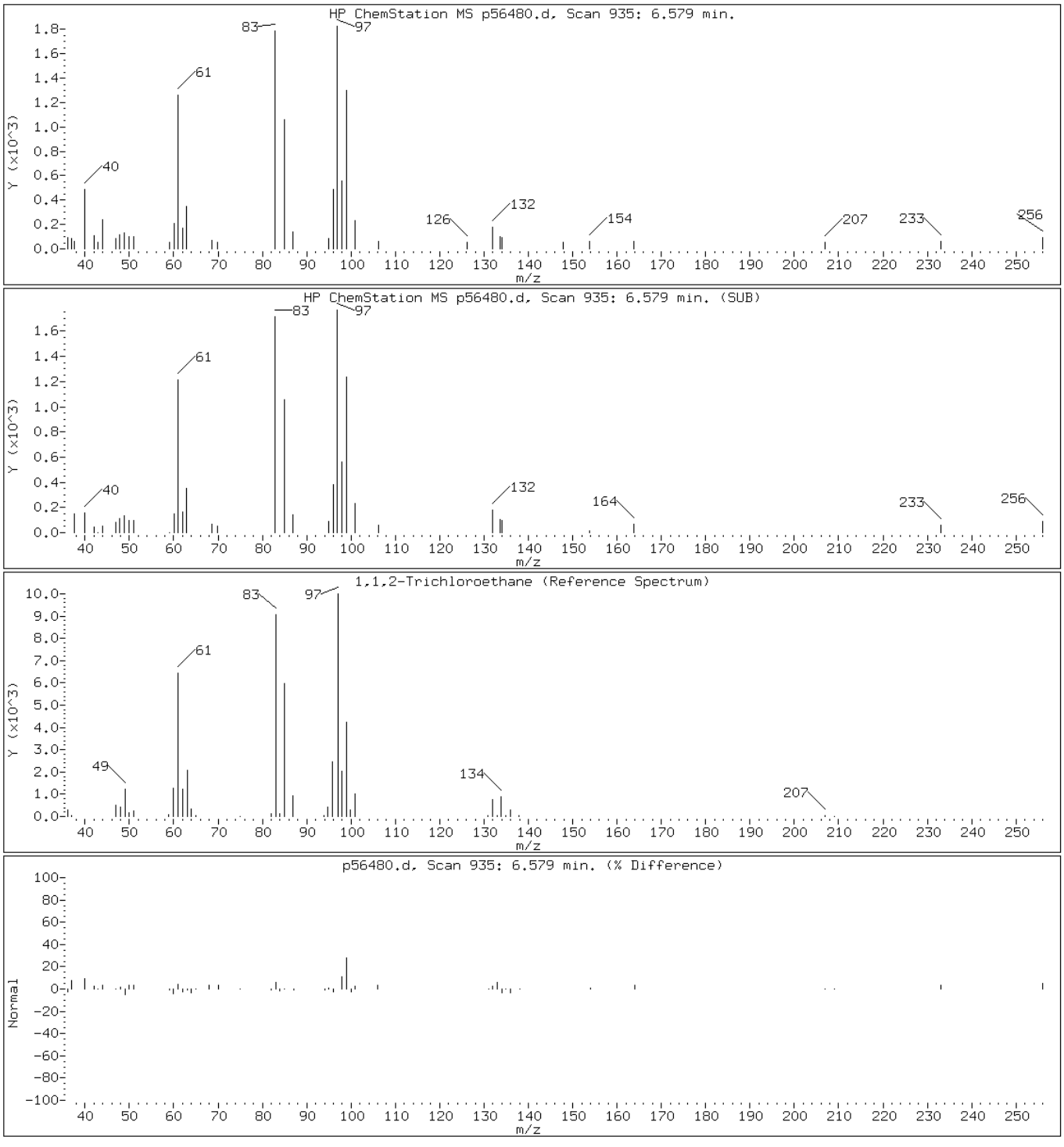
Client ID: MW-34I

Instrument: VOAMS13.i

Sample Info: 460-38556-B-3

Operator:

69 1,1,2-Trichloroethane



Data File: p56480.d

Date: 05-APR-2012 18:34

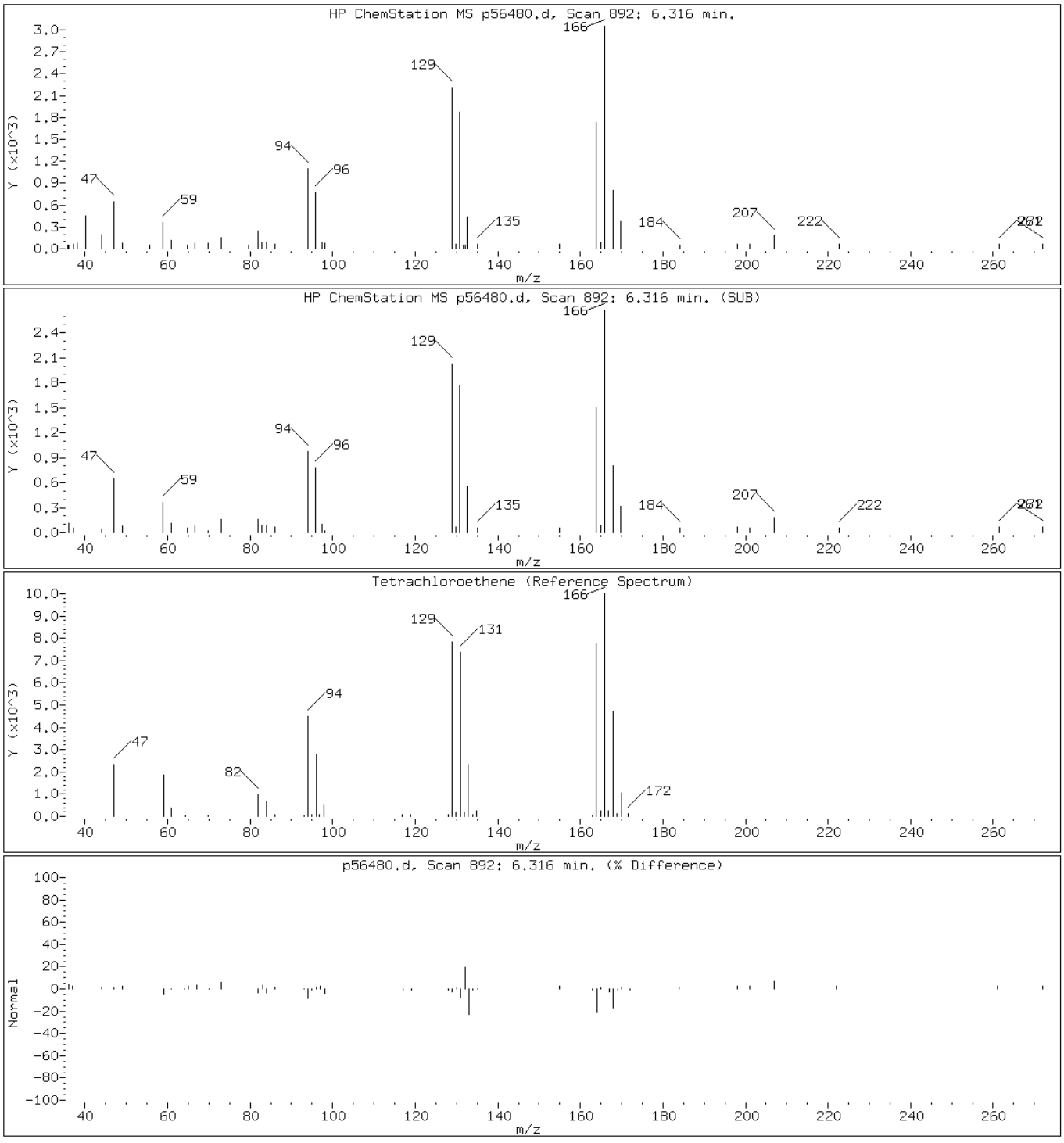
Client ID: MW-34I

Instrument: VOAMS13.i

Sample Info: 460-38556-B-3

Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: MW-34I DL Lab Sample ID: 460-38556-3 DL

Matrix: Water Lab File ID: p56454.d

Analysis Method: 8260B Date Collected: 03/30/2012 12:20

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 07:22

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	2900		10	0.90

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56454.d
Report Date: 06-Apr-2012 14:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56454.d
Lab Smp Id: 460-38556-A-3 Client Smp ID: MW-34I
Inj Date : 05-APR-2012 07:22
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-A-3;10
Misc Info : 460-38556-A-3
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 25
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.189	1.189	(0.284)	5077	1.26623	13
	15 1,1-Dichloroethene	96	1.841	1.842	(0.440)	5032	1.71944	17
	25 trans-1,2-Dichloroethene	96	2.317	2.311	(0.553)	1435	0.41044	4.1(a)
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	2763	0.43452	4.3(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	44342	11.5093	120
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	186395	49.0352	49
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	854604	50.0000	
	54 Trichloroethene	95	4.341	4.341	(1.036)	1163593	293.233	2900
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	662134	45.1502	45
	71 Tetrachloroethene	166	6.310	6.316	(0.813)	578	0.13862	1.4(a)
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	698618	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	240655	48.6560	49
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	378954	50.0000	
M	120 1,2-Dichloroethene (Total)	100				45777	11.9197	120

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56454.d
Report Date: 06-Apr-2012 14:19

QC Flag Legend

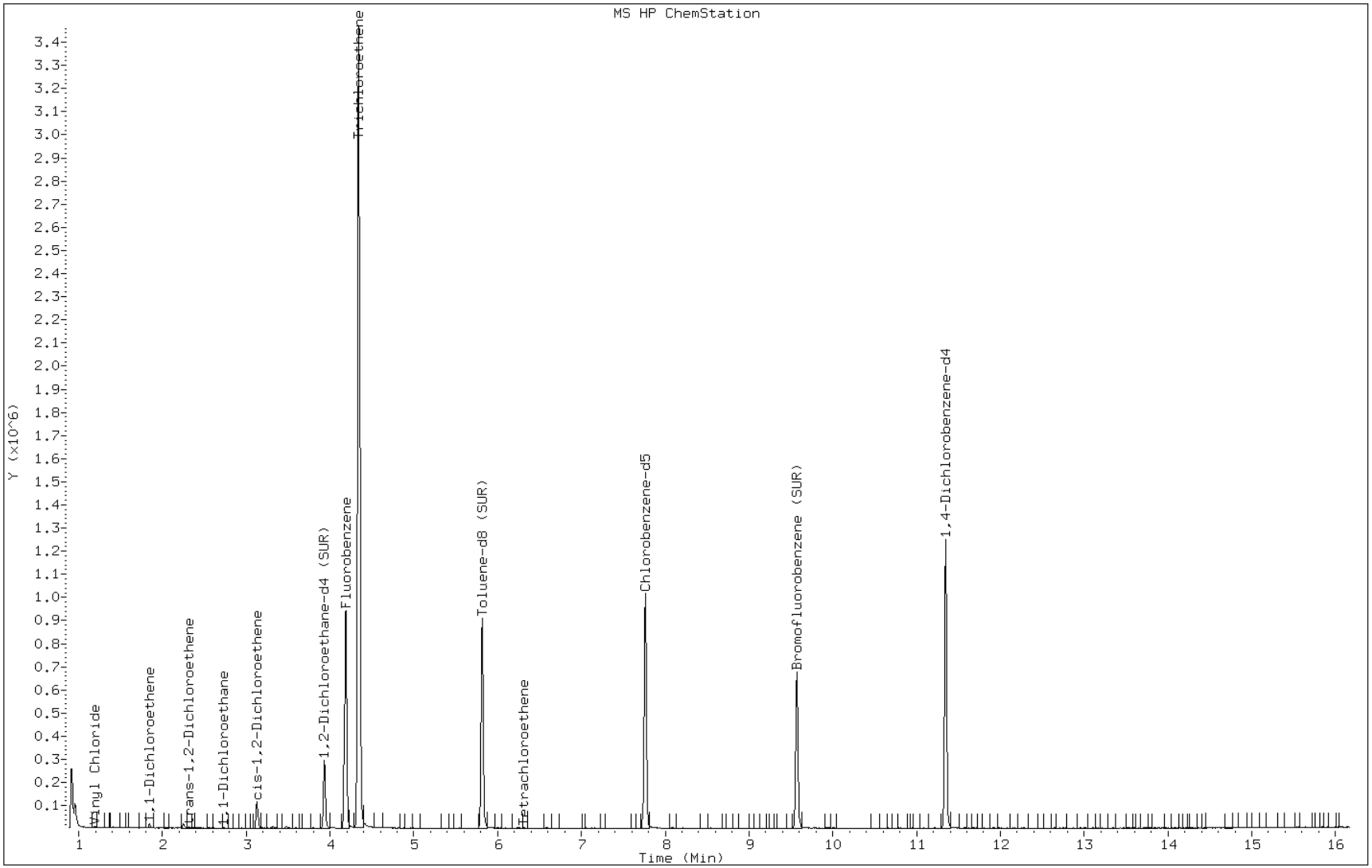
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p56454.d

Date: 05-APR-2012 07:22

Client ID: MW-34I Instrument: VOAMS13.i

Sample Info: 460-38556-A-3;10 Operator:



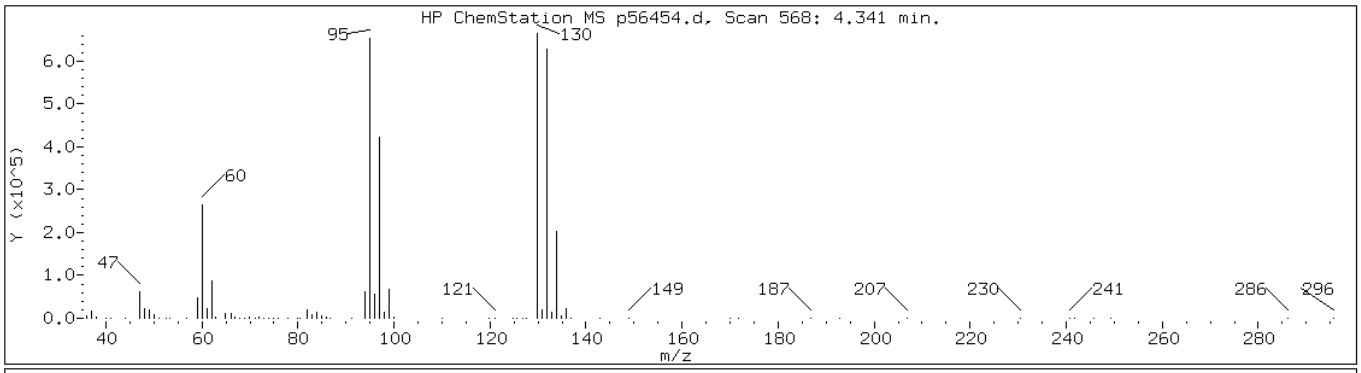
Data File: p56454.d

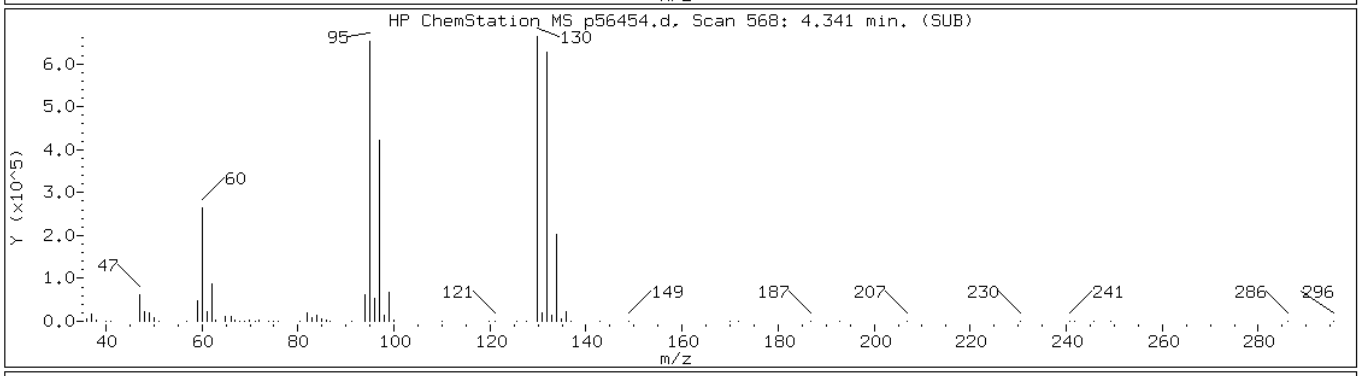
Date: 05-APR-2012 07:22

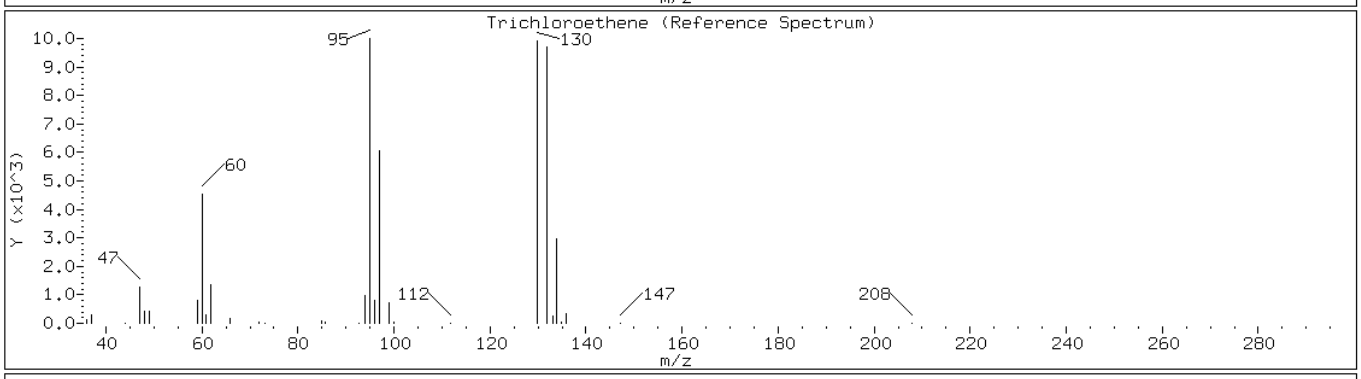
Client ID: MW-34I Instrument: VOAMS13.i

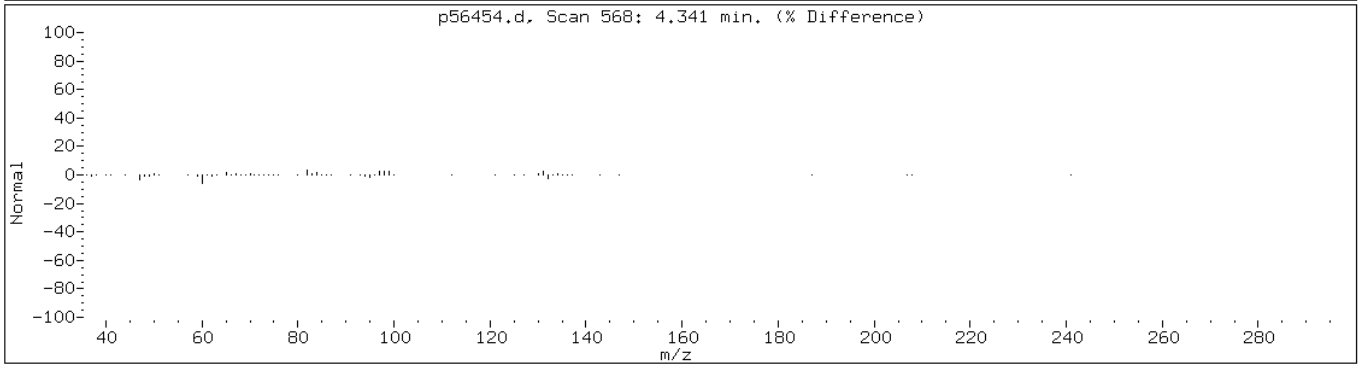
Sample Info: 460-38556-A-3;10 Operator:

54 Trichloroethene









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: MW-35I | Lab Sample ID: 460-38556-4

Matrix: Water | Lab File ID: p56481.d

Analysis Method: 8260B | Date Collected: 03/30/2012 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 04/05/2012 18:58

Soil Aliquot Vol: | Dilution Factor: 2

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108324 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	2.0	U	2.0	0.20
74-83-9	Bromomethane	2.0	U	2.0	0.36
75-01-4	Vinyl chloride	0.36	J	2.0	0.28
75-00-3	Chloroethane	2.0	U	2.0	0.34
75-09-2	Methylene Chloride	2.0	U	2.0	0.36
67-64-1	Acetone	10	U	10	5.4
75-15-0	Carbon disulfide	2.0	U	2.0	0.26
75-35-4	1,1-Dichloroethene	1.7	J	2.0	0.18
75-34-3	1,1-Dichloroethane	1.2	J	2.0	0.26
156-60-5	trans-1,2-Dichloroethene	0.71	J	2.0	0.26
156-59-2	cis-1,2-Dichloroethene	8.8		2.0	0.36
67-66-3	Chloroform	2.0	U	2.0	0.16
107-06-2	1,2-Dichloroethane	2.0	U	2.0	0.38
78-93-3	2-Butanone	10	U	10	4.6
71-55-6	1,1,1-Trichloroethane	0.41	J	2.0	0.12
56-23-5	Carbon tetrachloride	2.0	U	2.0	0.12
75-27-4	Bromodichloromethane	2.0	U	2.0	0.24
78-87-5	1,2-Dichloropropane	2.0	U	2.0	0.18
10061-01-5	cis-1,3-Dichloropropene	2.0	U	2.0	0.36
79-01-6	*Trichloroethene*	*2600*	*E*	*2.0*	*0.18*
124-48-1	Dibromochloromethane	2.0	U	2.0	0.40
79-00-5	1,1,2-Trichloroethane	0.91	J	2.0	0.38
71-43-2	Benzene	2.0	U	2.0	0.16
10061-02-6	trans-1,3-Dichloropropene	2.0	U	2.0	0.48
75-25-2	Bromoform	2.0	U	2.0	0.38
108-10-1	4-Methyl-2-pentanone	10	U	10	2.0
591-78-6	2-Hexanone	10	U	10	1.0
127-18-4	Tetrachloroethene	1.5	J	2.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.32
108-88-3	Toluene	2.0	U	2.0	0.30
108-90-7	Chlorobenzene	2.0	U	2.0	0.22
100-41-4	Ethylbenzene	2.0	U	2.0	0.20
100-42-5	Styrene	2.0	U	2.0	0.24
1330-20-7	Xylenes, Total	6.0	U	6.0	0.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: MW-35I Lab Sample ID: 460-38556-4

Matrix: Water Lab File ID: p56481.d

Analysis Method: 8260B Date Collected: 03/30/2012 13:15

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 18:58

Soil Aliquot Vol: Dilution Factor: 2

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56481.d
Report Date: 06-Apr-2012 14:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56481.d
Lab Smp Id: 460-38556-B-4 Client Smp ID: MW-35I
Inj Date : 05-APR-2012 18:58
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-B-4;2
Misc Info : 460-38556-B-4
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 23
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.196	1.189	(0.285)	633	0.17946	0.36(a)
	15 1,1-Dichloroethene	96	1.848	1.842	(0.441)	2133	0.82851	1.6(a)
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	1090	0.35439	0.71(a)
	28 MTBE	73	2.390	2.396	(0.571)	5836	0.63434	1.3(a)
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	3413	0.61014	1.2(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	14899	4.39593	8.8
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.836)	907	0.20468	0.41(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	162117	48.4802	48
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	751801	50.0000	
	54 Trichloroethene	95	4.341	4.341	(1.036)	4471764	1281.01	2600(A)
$	65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	586285	44.8292	45
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	2821	0.75866	1.5(a)
	69 1,1,2-Trichloroethane	83	6.573	6.572	(0.847)	1326	0.45485	0.91(a)
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	623019	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	220794	50.2625	50
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	336567	50.0000	

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56481.d
Report Date: 06-Apr-2012 14:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
M 120 1,2-Dichloroethene (Total)	100				15989	4.75033	9.5

QC Flag Legend

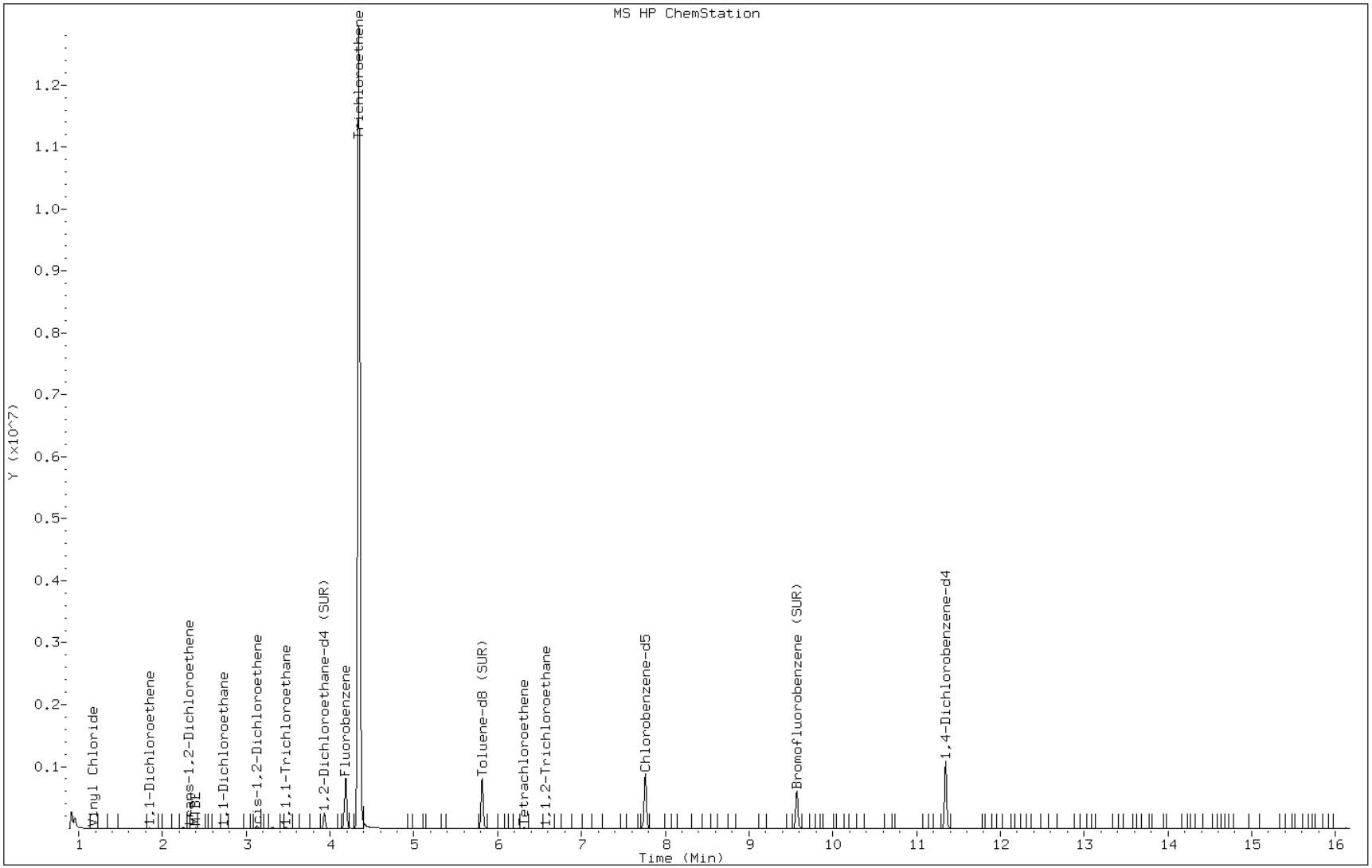
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:



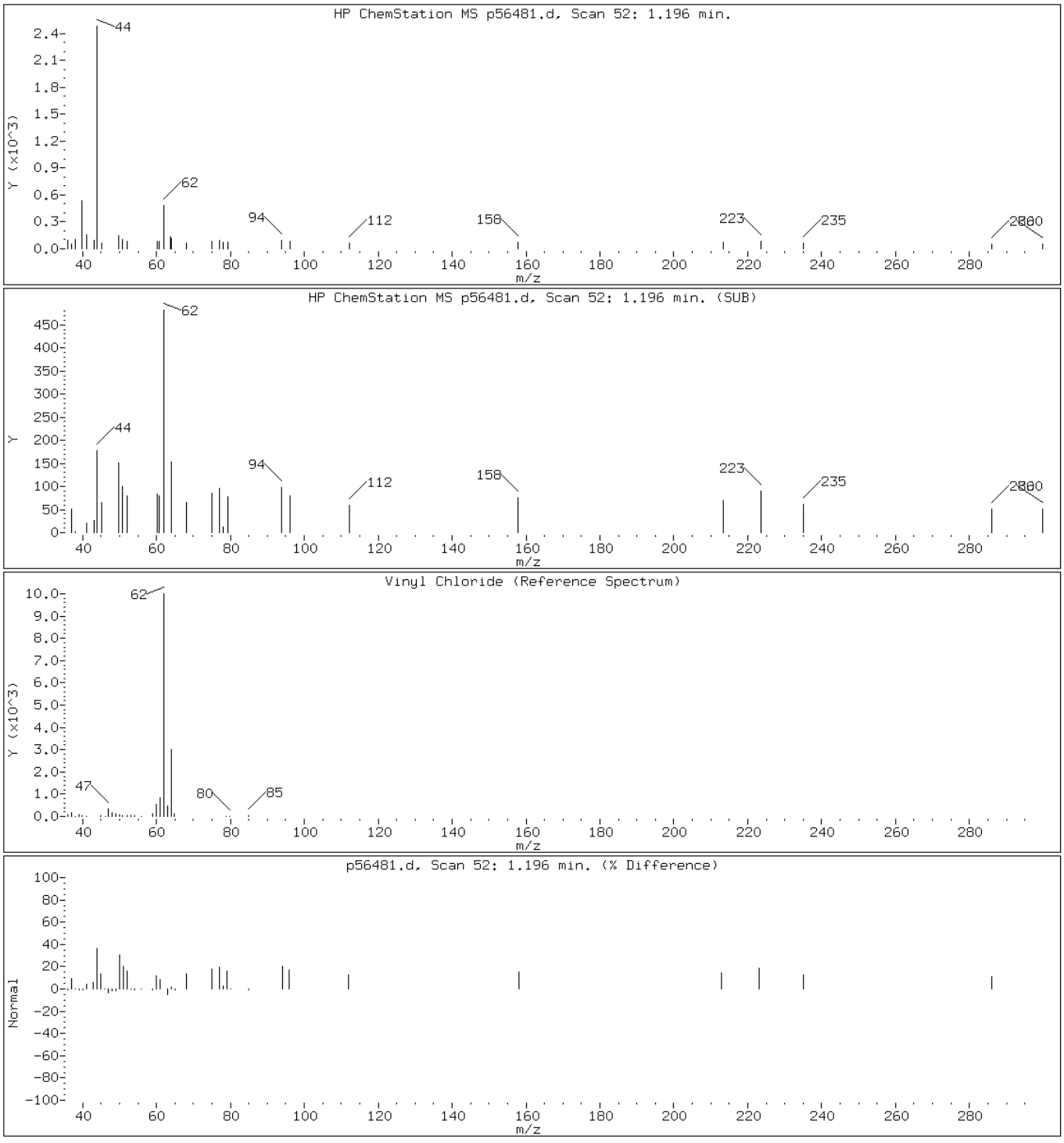
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

4 Vinyl Chloride



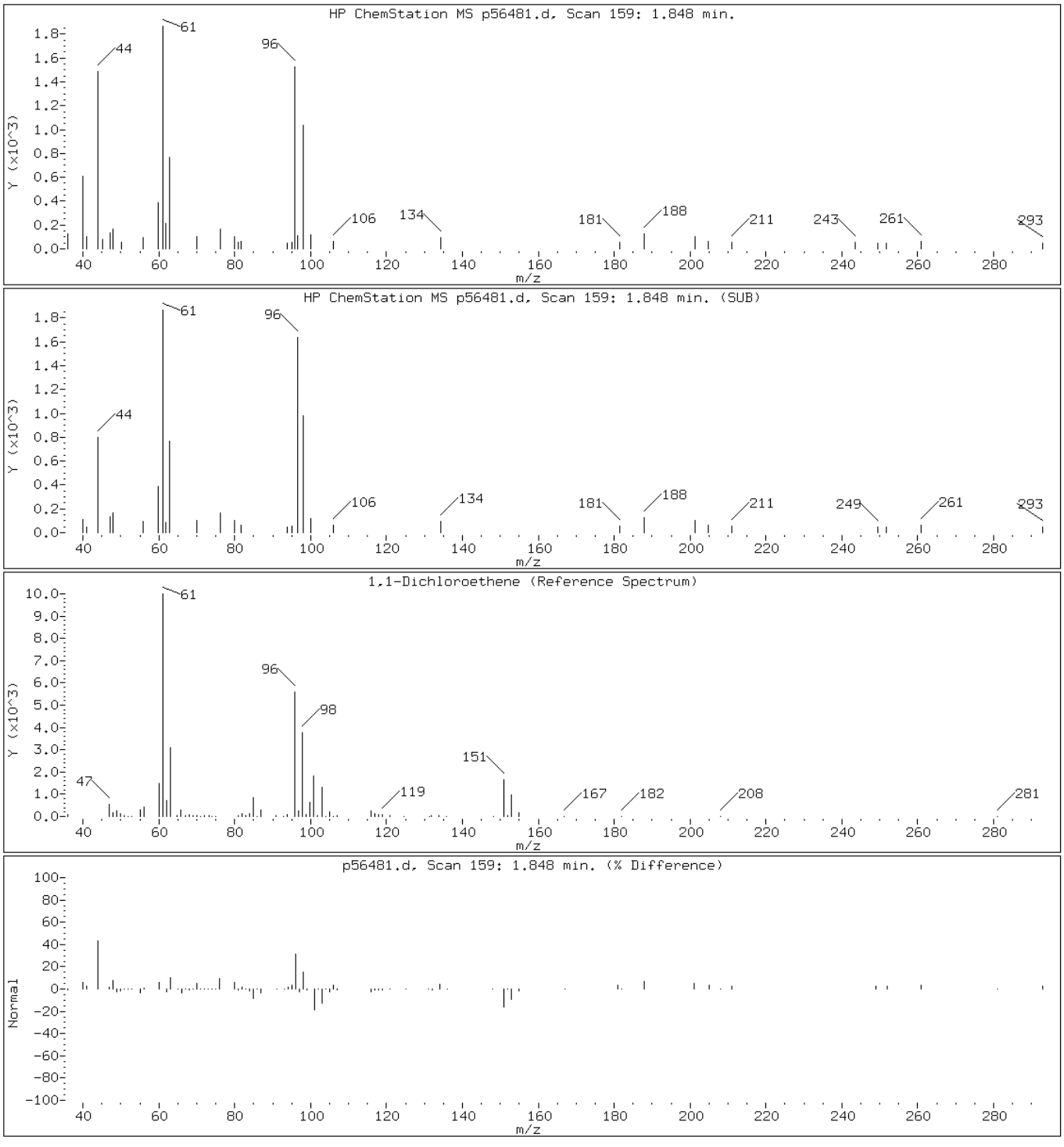
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

15 1,1-Dichloroethene



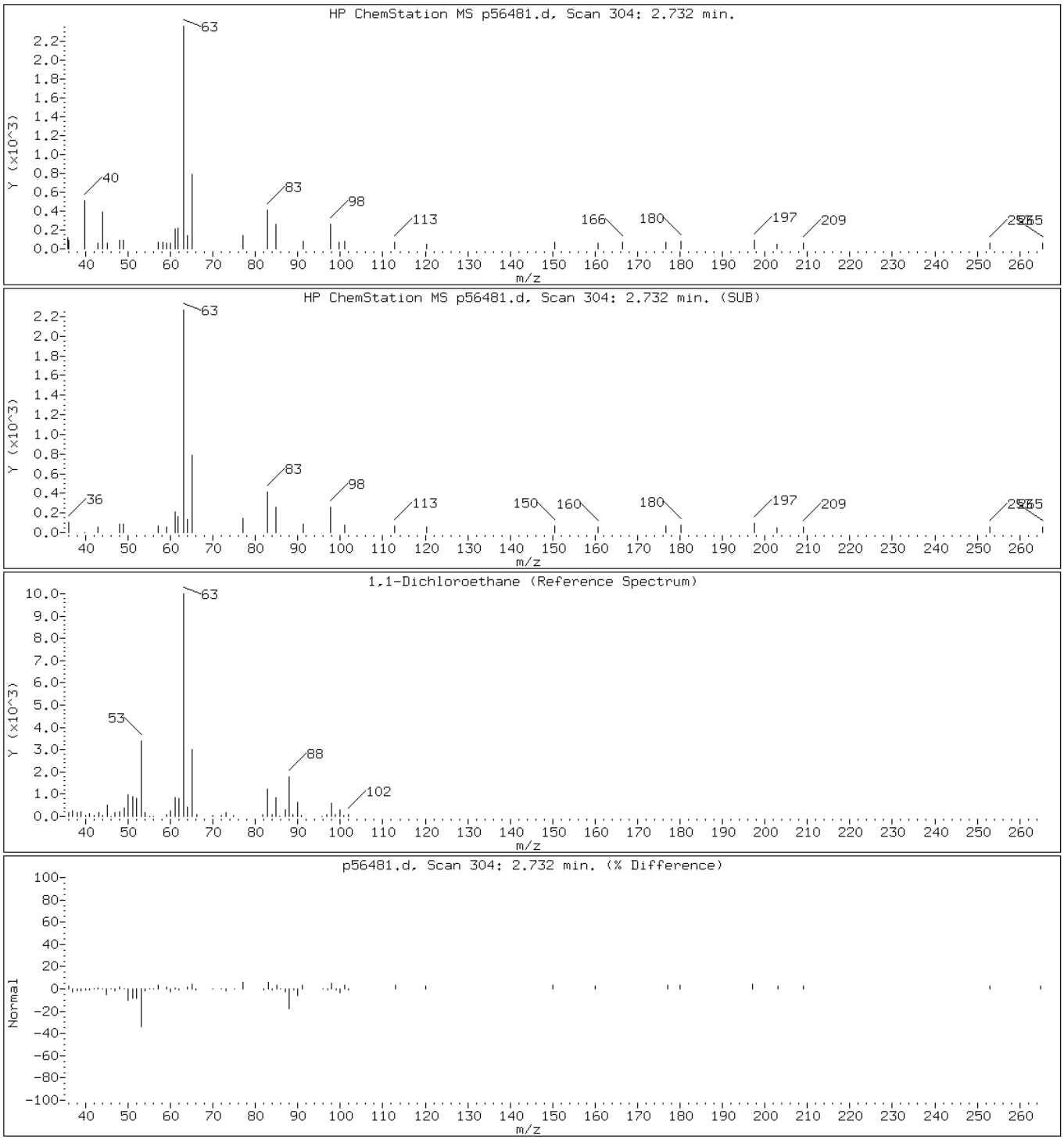
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

30 1,1-Dichloroethane



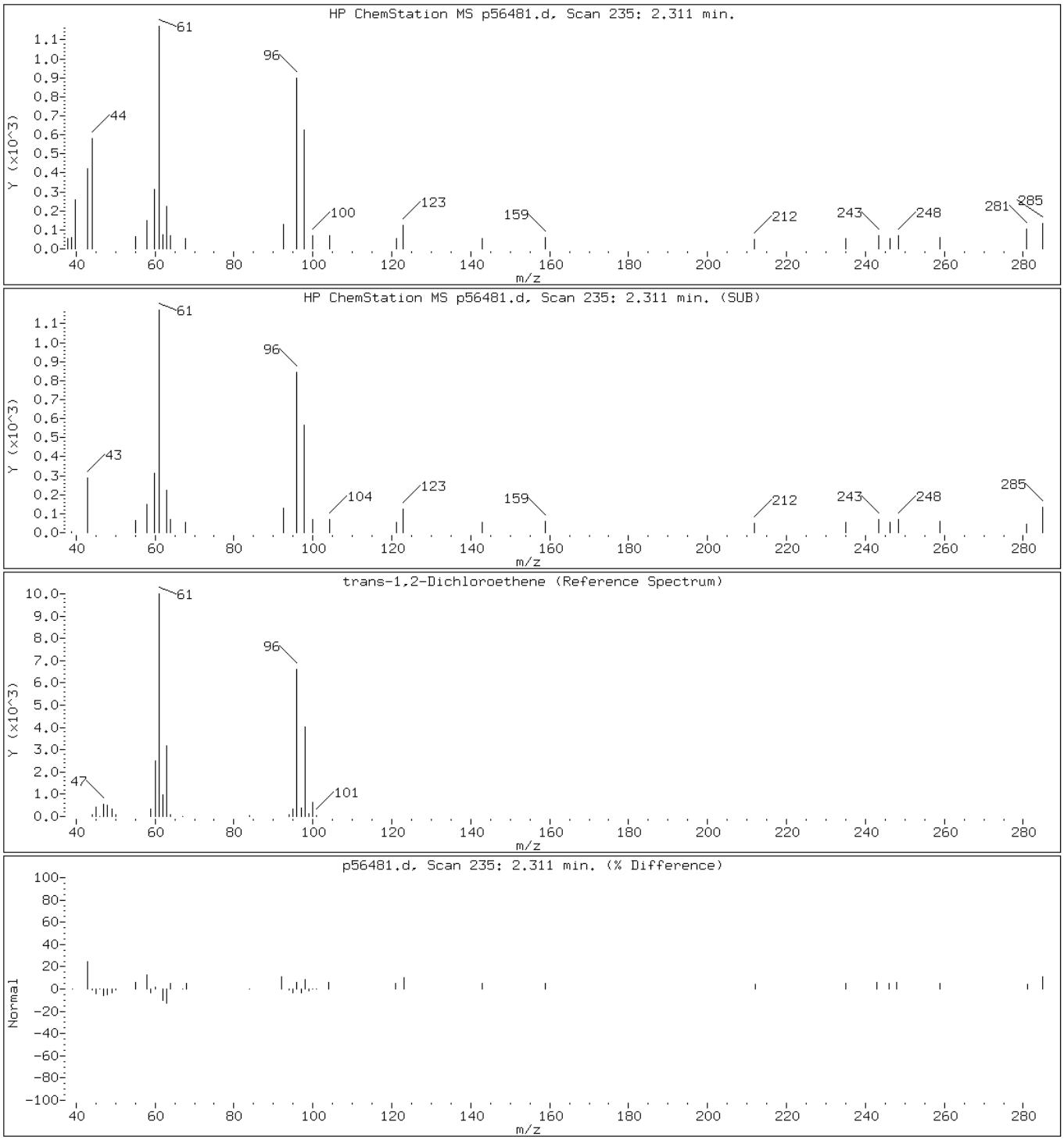
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

25 trans-1,2-Dichloroethene



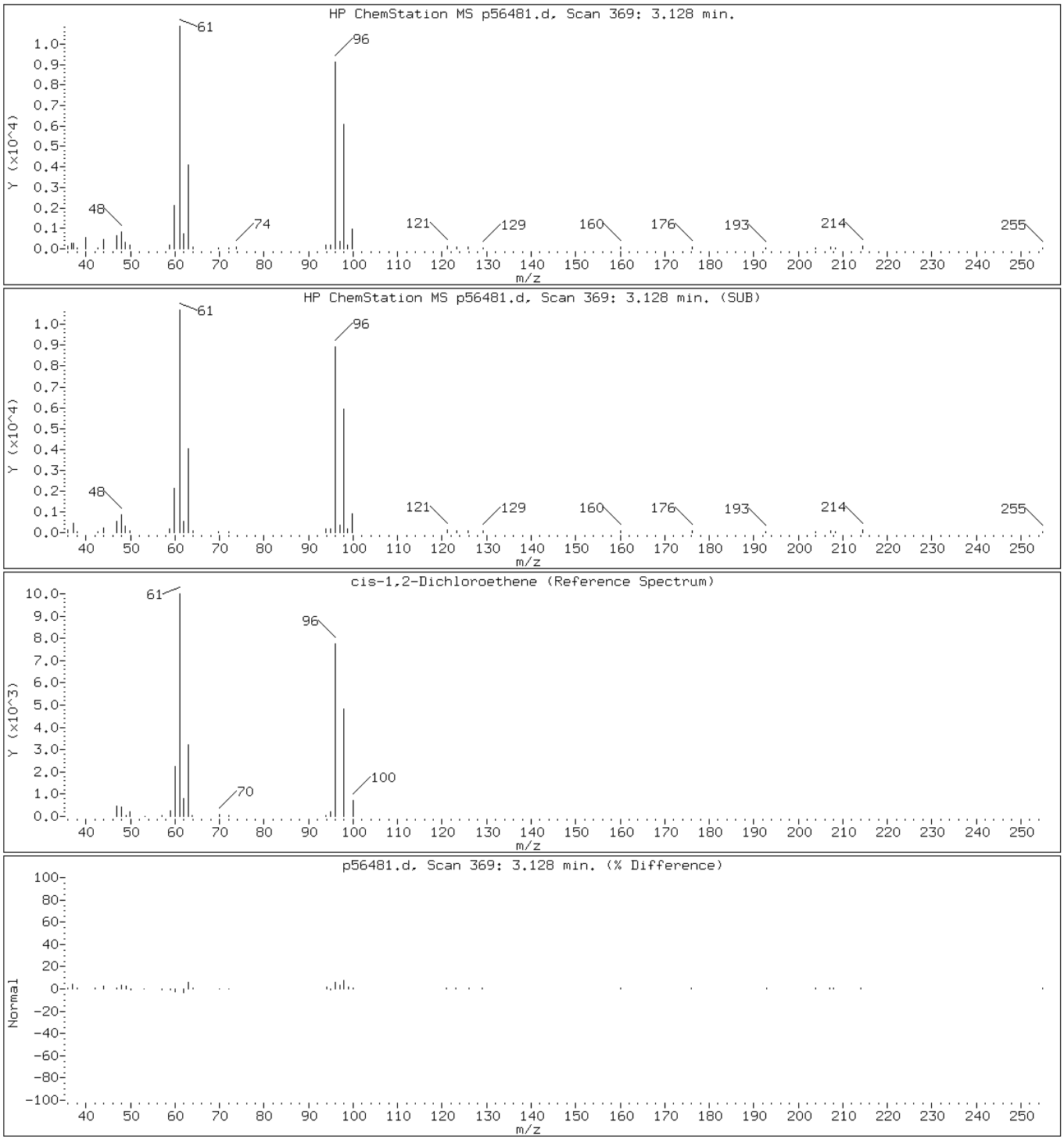
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

36 cis-1,2-Dichloroethene



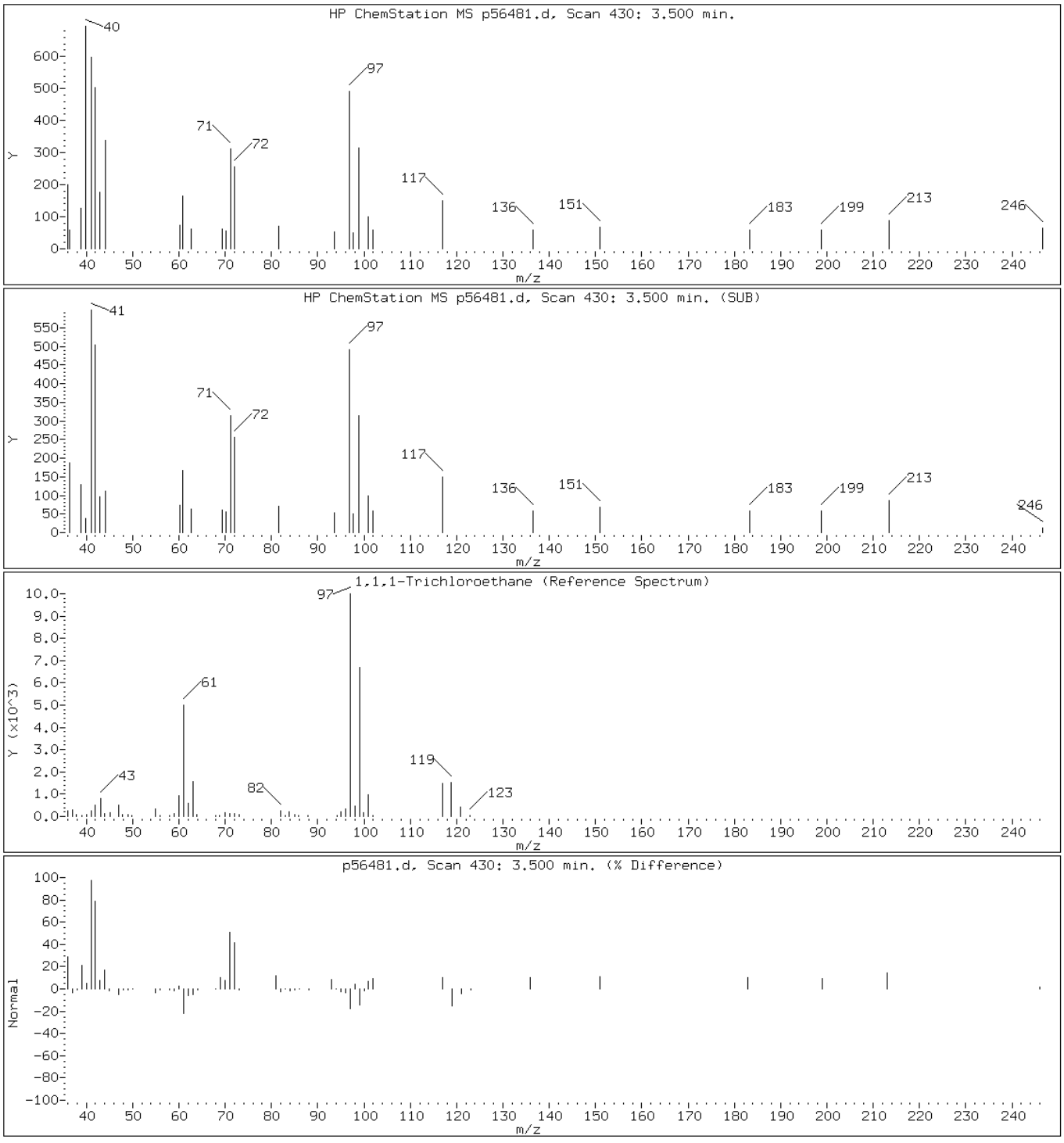
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

43 1,1,1-Trichloroethane



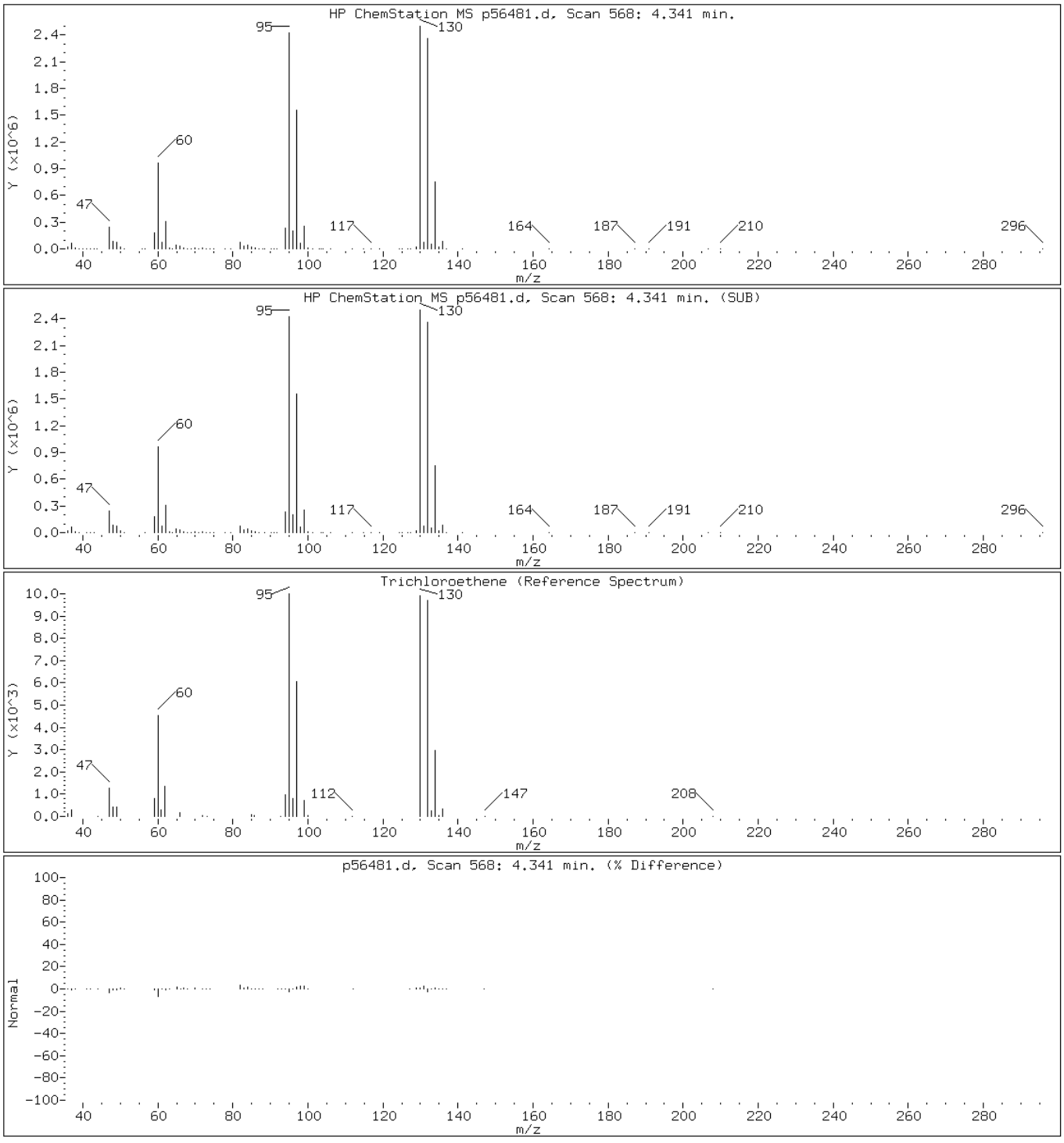
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

54 Trichloroethene



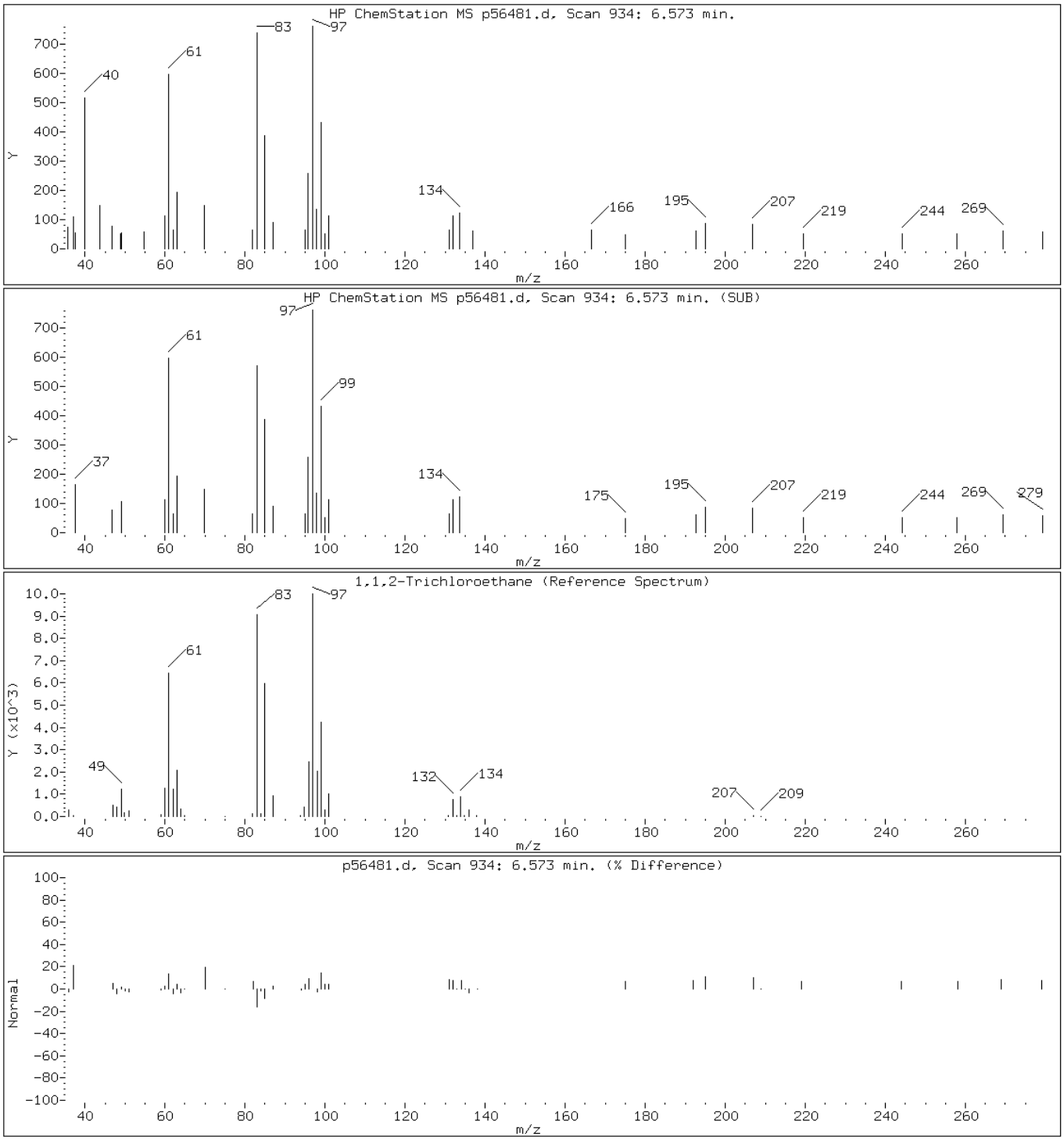
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

69 1,1,2-Trichloroethane



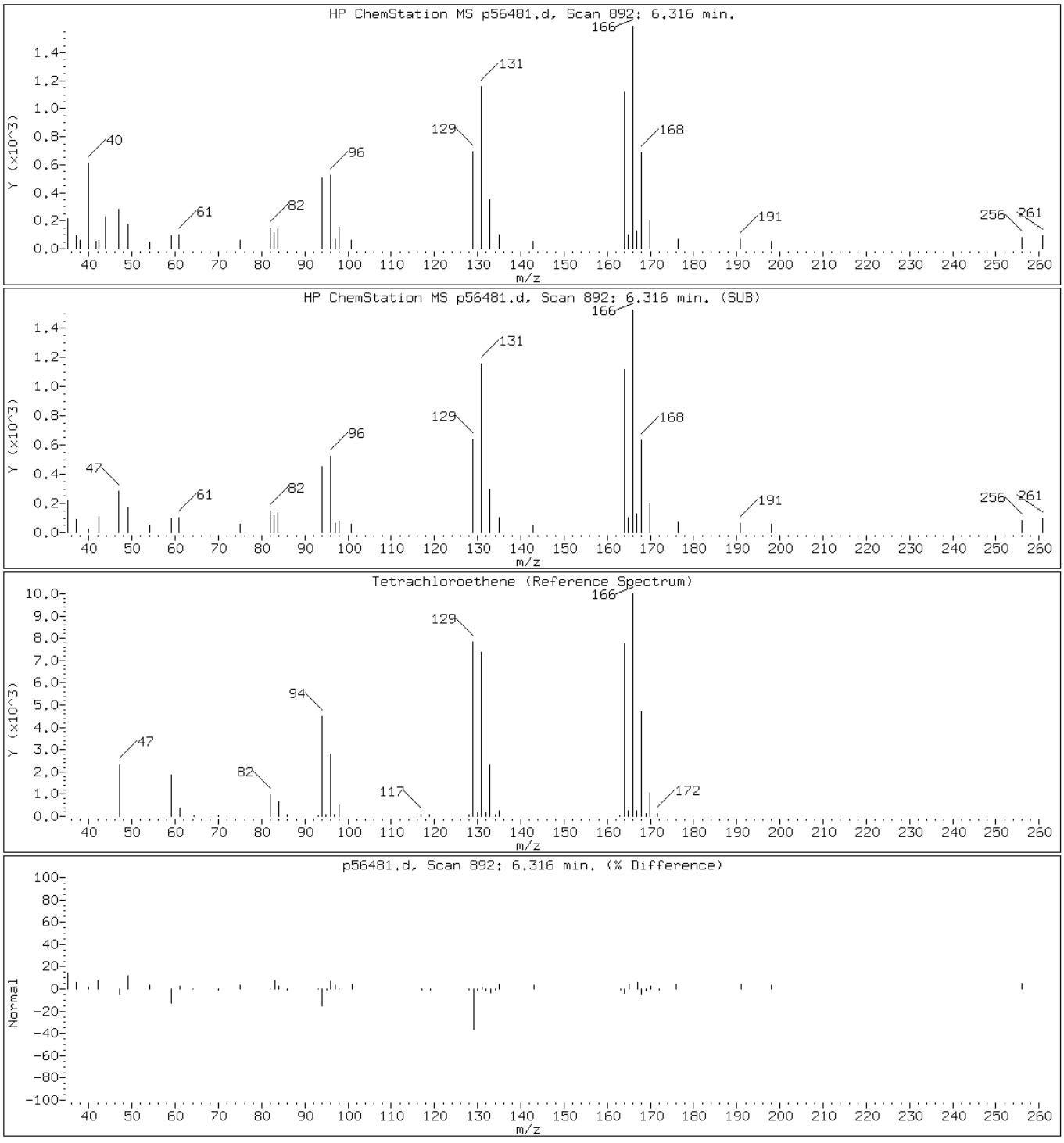
Data File: p56481.d

Date: 05-APR-2012 18:58

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;2 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: MW-35I DL | Lab Sample ID: 460-38556-4 DL

Matrix: Water | Lab File ID: p56478.d

Analysis Method: 8260B | Date Collected: 03/30/2012 13:15

Sample wt/vol: 5(mL) | Date Analyzed: 04/05/2012 17:46

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108324 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	2600		10	0.90

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56478.d
Report Date: 06-Apr-2012 14:17

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56478.d
Lab Smp Id: 460-38556-B-4 Client Smp ID: MW-35I
Inj Date : 05-APR-2012 17:46
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-B-4;10
Misc Info : 460-38556-B-4
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 20
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	291	0.11305	1.1(aH)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.748)	3464	1.02225	10
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	160734	48.0761	48
*	52 Fluorobenzene	96	4.183	4.183	(1.000)	751653	50.0000	
	54 Trichloroethene	95	4.341	4.341	(1.038)	922746	264.388	2600
$	65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	580099	44.4840	44
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	374	0.10087	1.0(a)
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	621229	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	222030	50.2552	50
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	338500	50.0000	
M	120 1,2-Dichloroethene (Total)	100				3464	1.02225	10(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56478.d
Report Date: 06-Apr-2012 14:17

QC Flag Legend

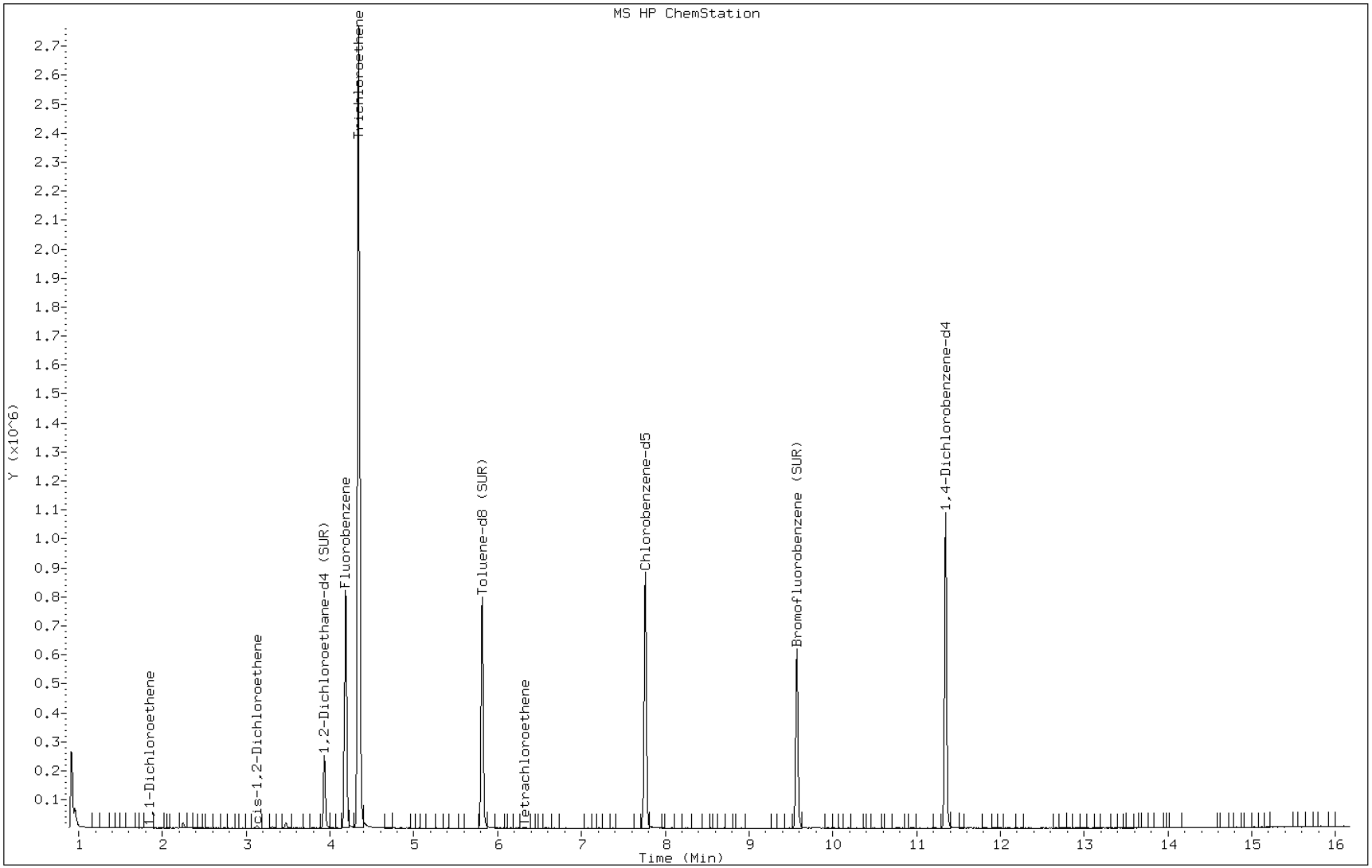
H - Operator selected an alternate compound hit.

Data File: p56478.d

Date: 05-APR-2012 17:46

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;10 Operator:



Data File: p56478.d

Date: 05-APR-2012 17:46

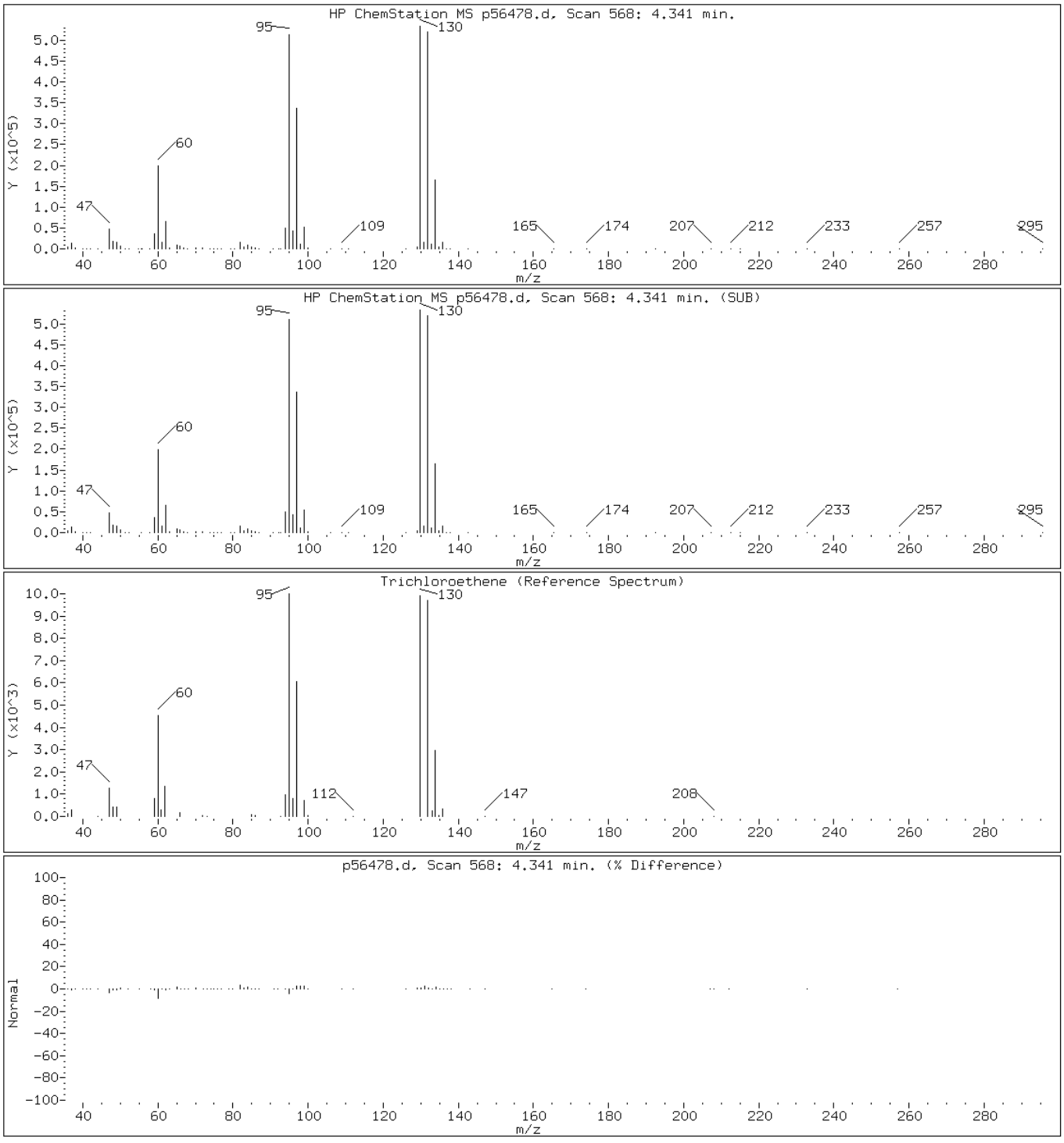
Client ID: MW-35I

Instrument: VOAMS13.i

Sample Info: 460-38556-B-4;10

Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: DUP-033012 | Lab Sample ID: 460-38556-5

Matrix: Water | Lab File ID: p56453.d

Analysis Method: 8260B | Date Collected: 03/30/2012 08:30

Sample wt/vol: 5(mL) | Date Analyzed: 04/05/2012 06:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108274 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	0.55	J	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	6.5		1.0	0.090
75-34-3	1,1-Dichloroethane	0.19	J	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	4.9		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	140		1.0	0.18
67-66-3	Chloroform	0.16	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	0.17	J	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	*Trichloroethene*	*1800*	*E*	*1.0*	*0.090*
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	0.27	J	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	0.63	J	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: DUP-033012 Lab Sample ID: 460-38556-5

Matrix: Water Lab File ID: p56453.d

Analysis Method: 8260B Date Collected: 03/30/2012 08:30

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 06:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56453.d
Report Date: 06-Apr-2012 14:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56453.d
Lab Smp Id: 460-38556-A-5 Client Smp ID: DUP-033012
Inj Date : 05-APR-2012 06:58
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-A-5
Misc Info : 460-38556-A-5
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.189	1.189	(0.284)	2227	0.54584	0.54(a)
	15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	19249	6.46393	6.5
	25 trans-1,2-Dichloroethene	96	2.317	2.311	(0.553)	17305	4.86419	4.9
	28 MTBE	73	2.403	2.396	(0.574)	2530	0.23774	0.24(a)
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	1204	0.18608	0.19(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	543344	138.595	140
	42 Chloroform	83	3.335	3.341	(0.796)	1016	0.16378	0.16(a)
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.836)	854	0.16661	0.17(aH)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	184178	47.6159	48
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	869609	50.0000	
	54 Trichloroethene	95	4.347	4.341	(1.038)	7450411	1845.16	1800(A)
$	65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	663061	45.0293	45
	71 Tetrachloroethene	166	6.310	6.316	(0.813)	2642	0.63106	0.63(a)
	69 1,1,2-Trichloroethane	83	6.579	6.578	(0.848)	874	0.26627	0.27(aH)
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	701474	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	239085	48.9546	49

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56453.d
Report Date: 06-Apr-2012 14:19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	374185	50.0000	
M 120 1,2-Dichloroethene (Total)	100				560649	143.459	140

QC Flag Legend

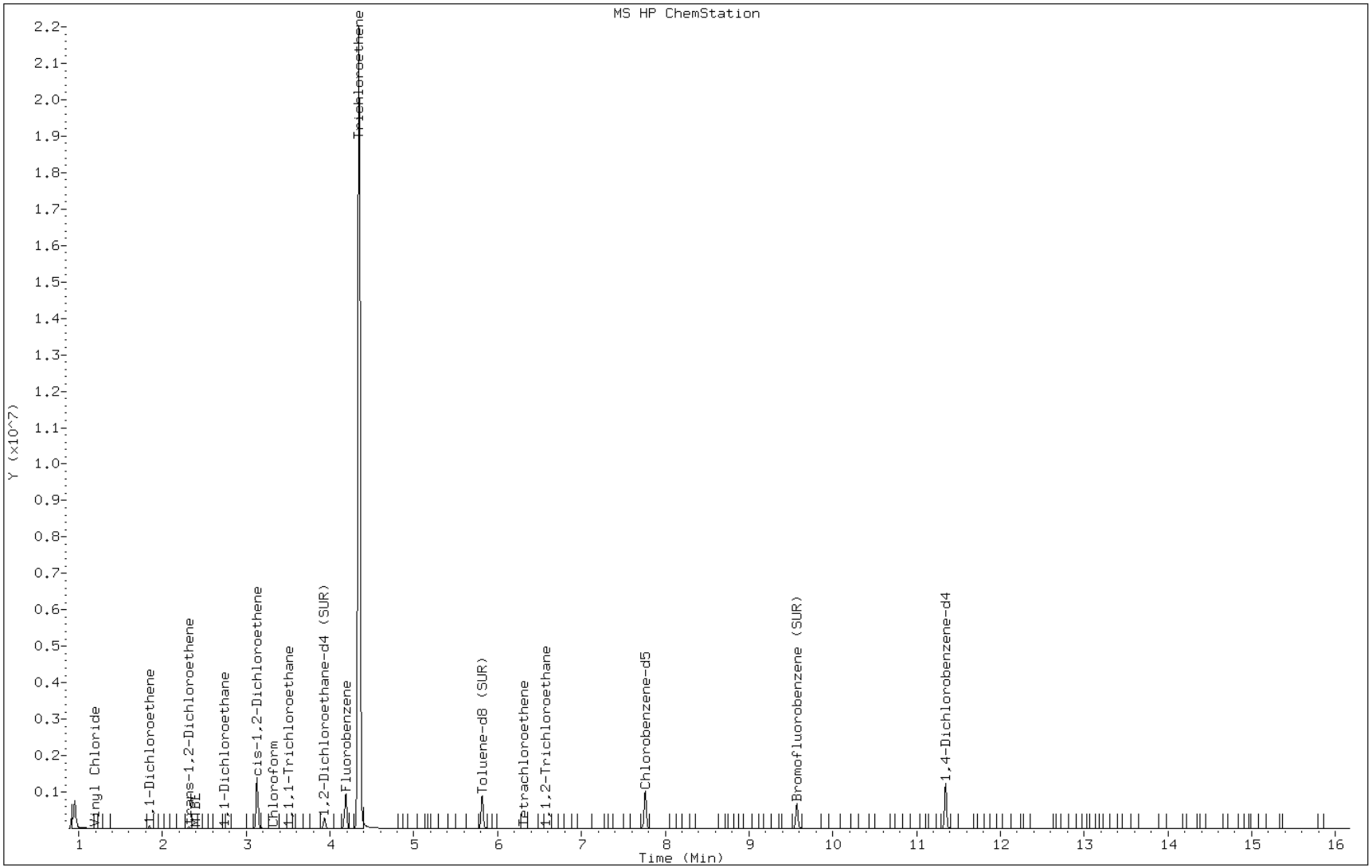
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:



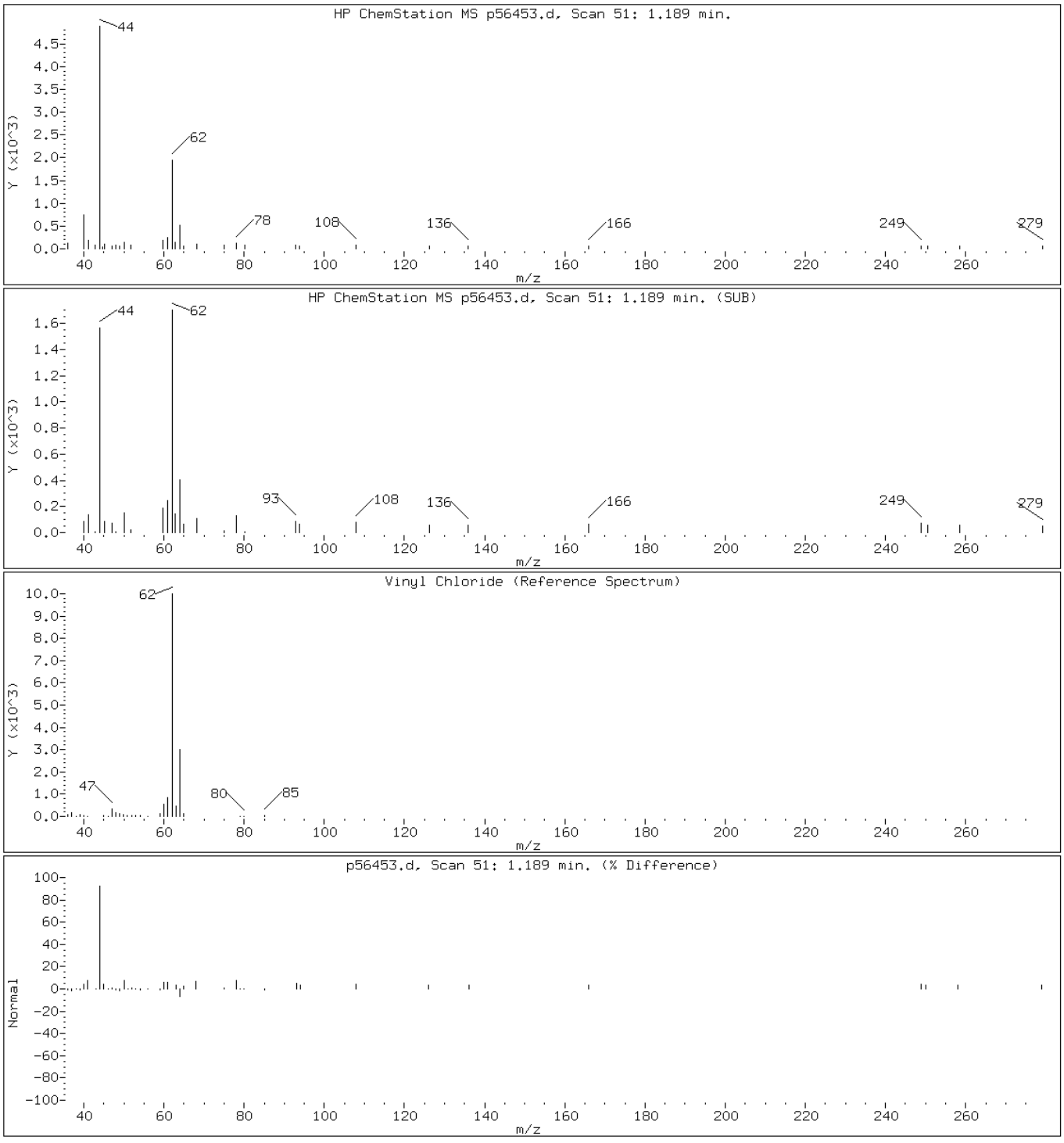
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

4 Vinyl Chloride



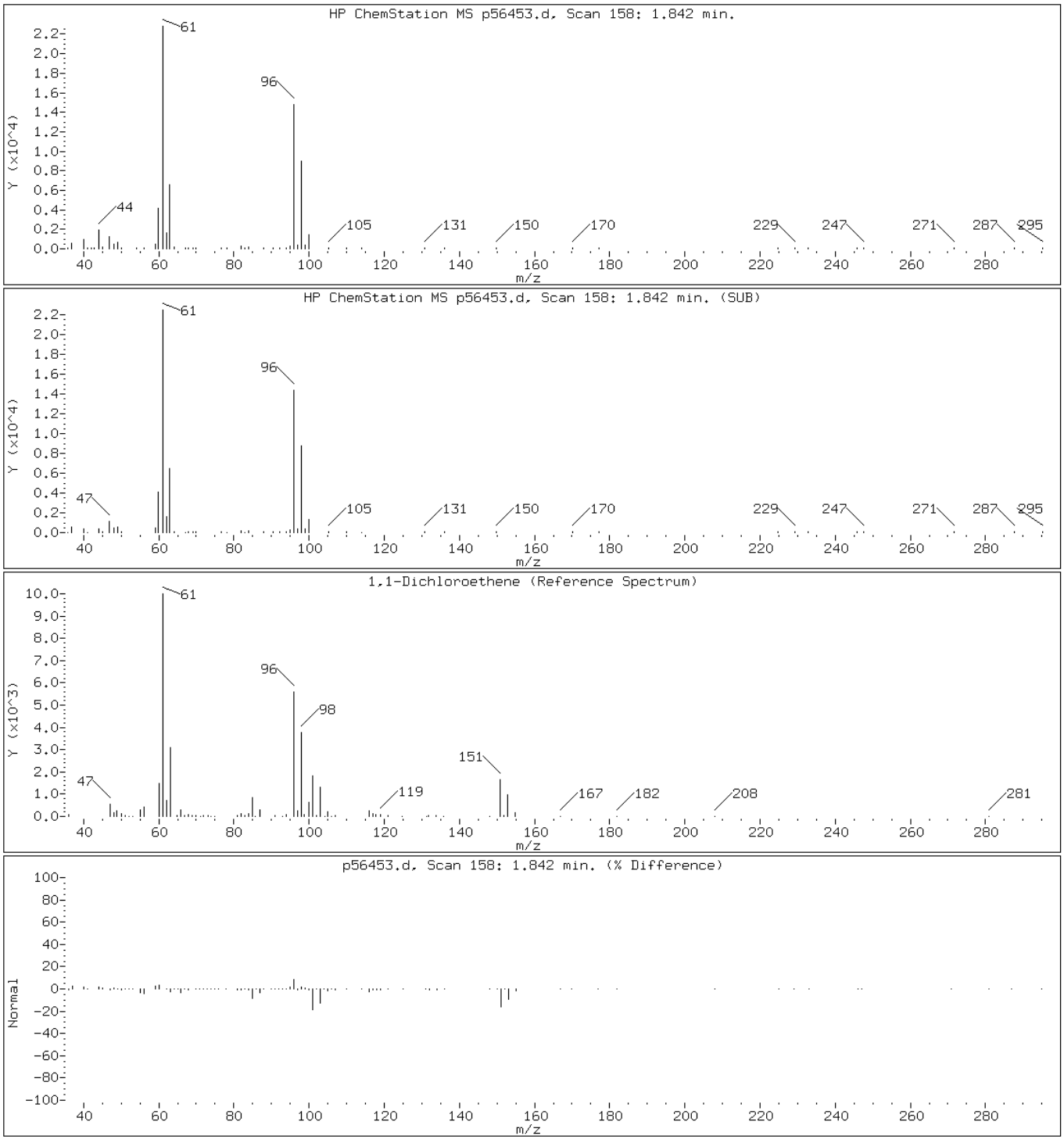
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

15 1,1-Dichloroethene



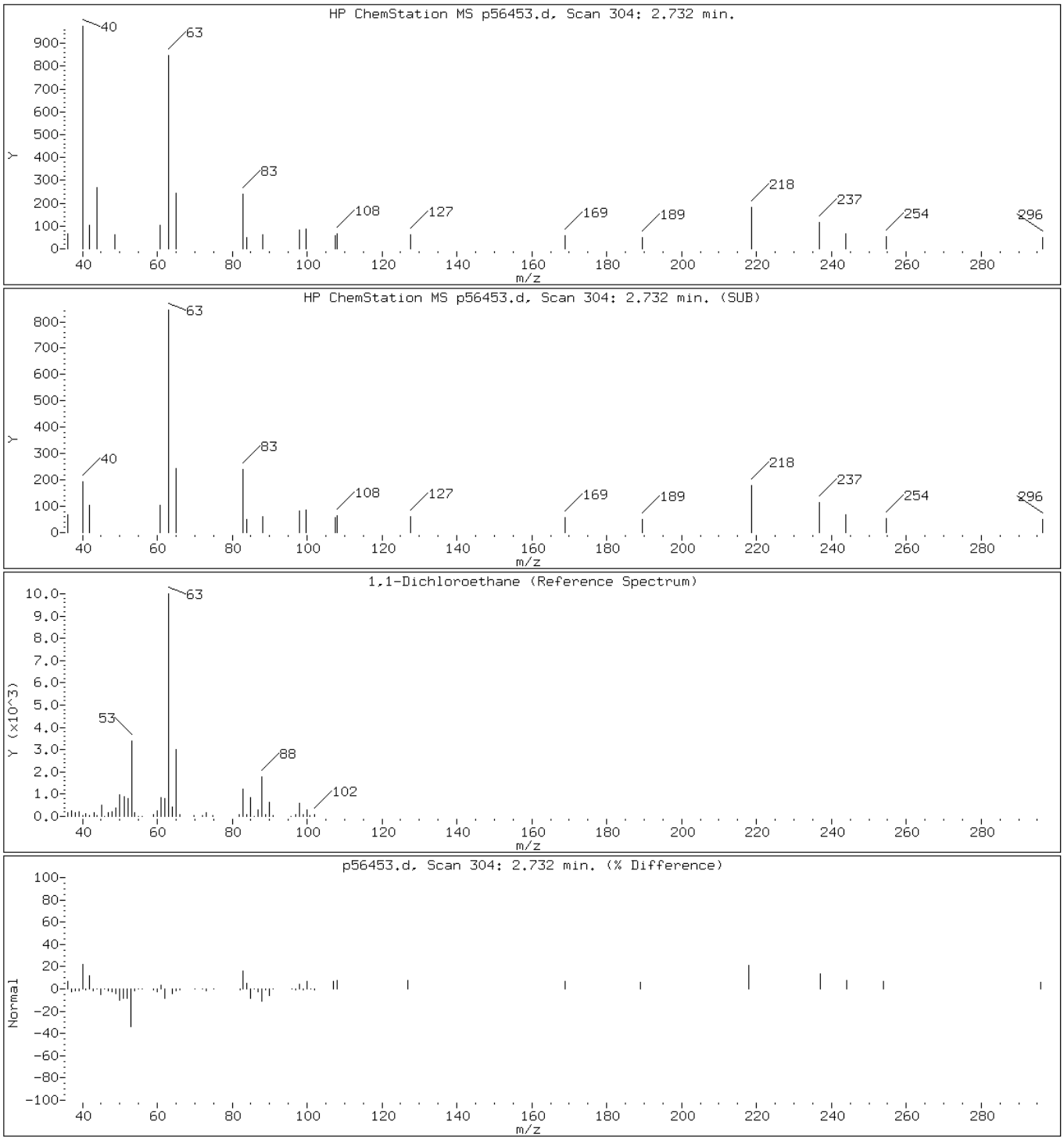
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

30 1,1-Dichloroethane



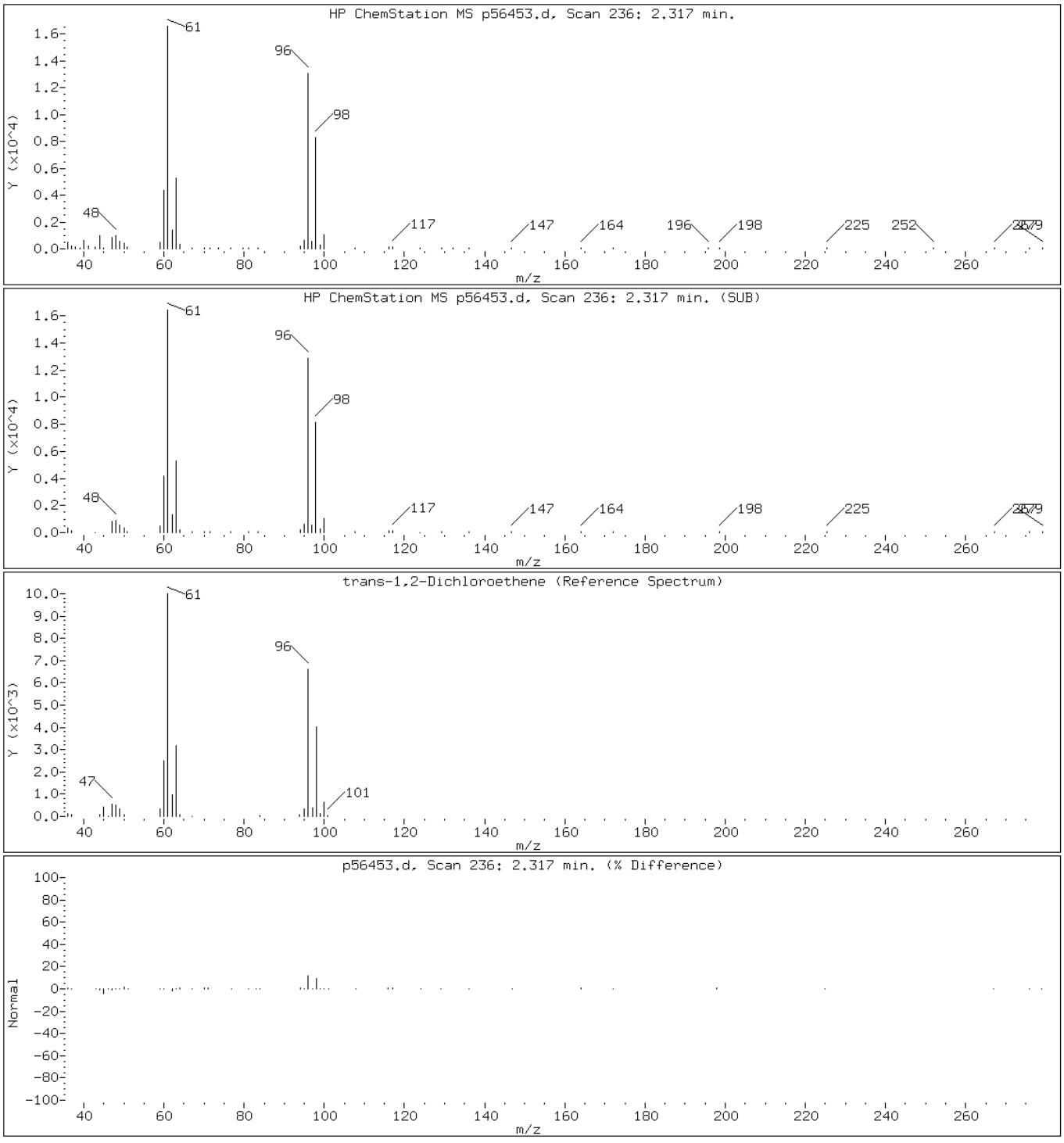
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

25 trans-1,2-Dichloroethene



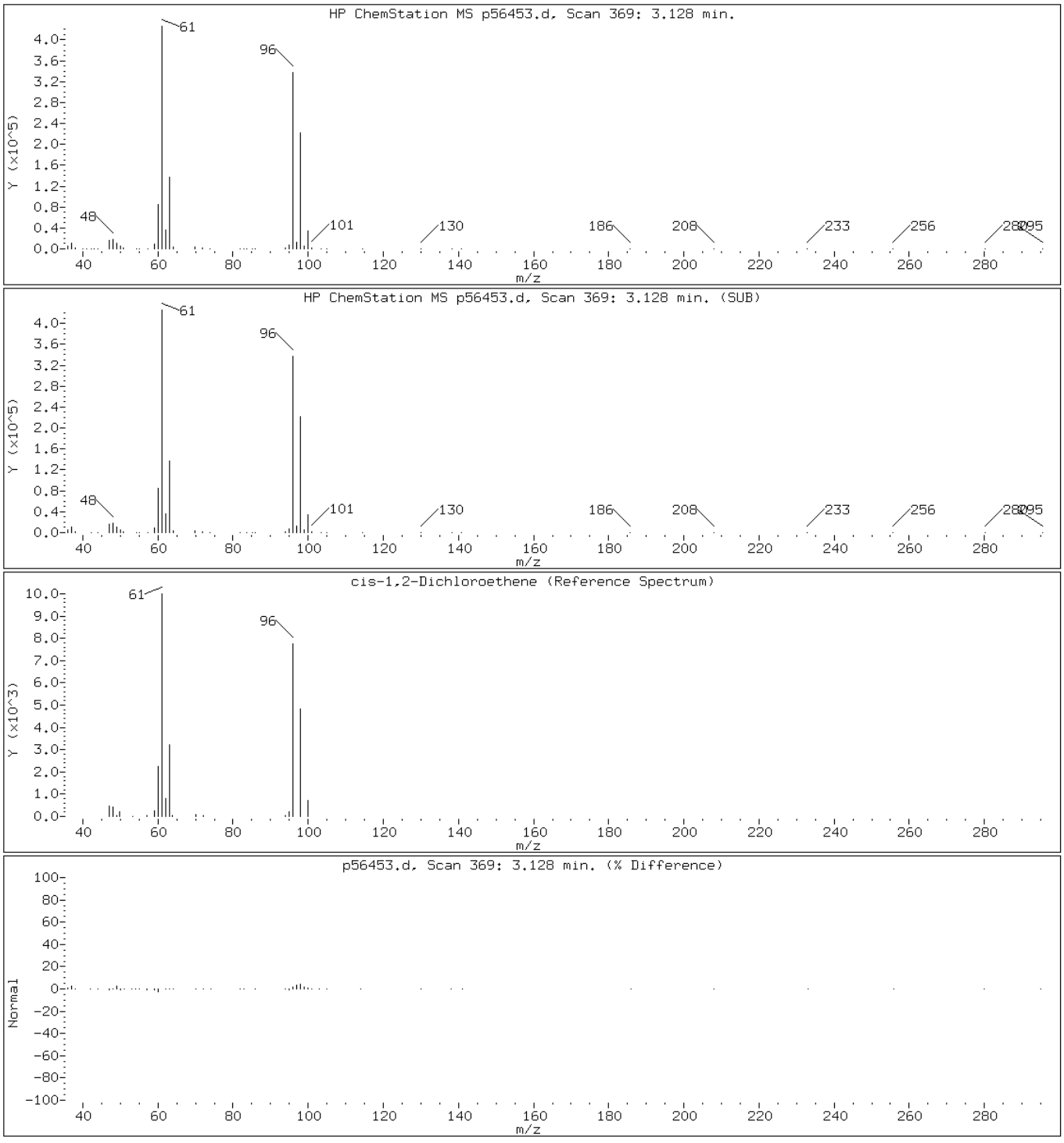
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

36 cis-1,2-Dichloroethene



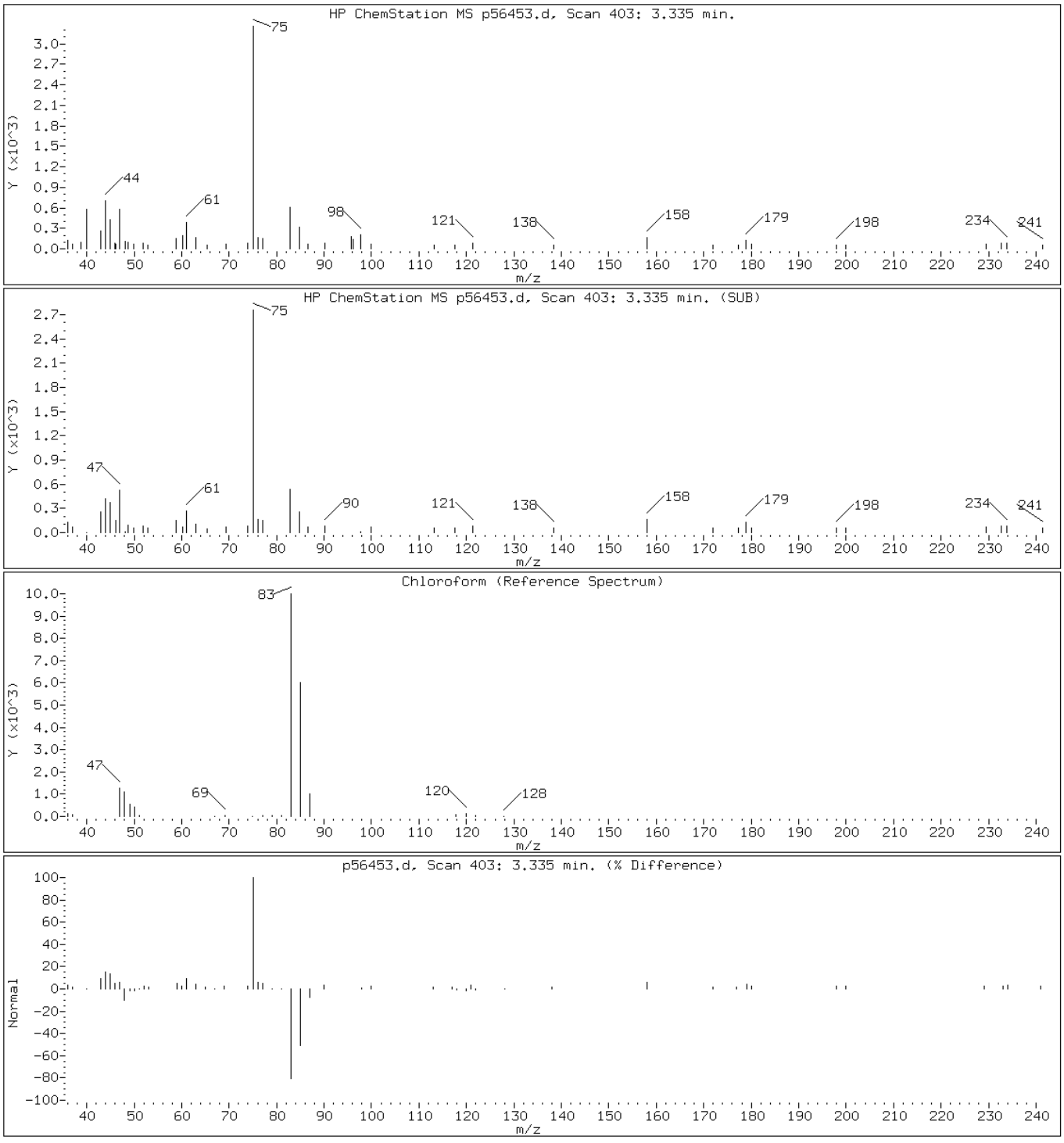
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

42 Chloroform



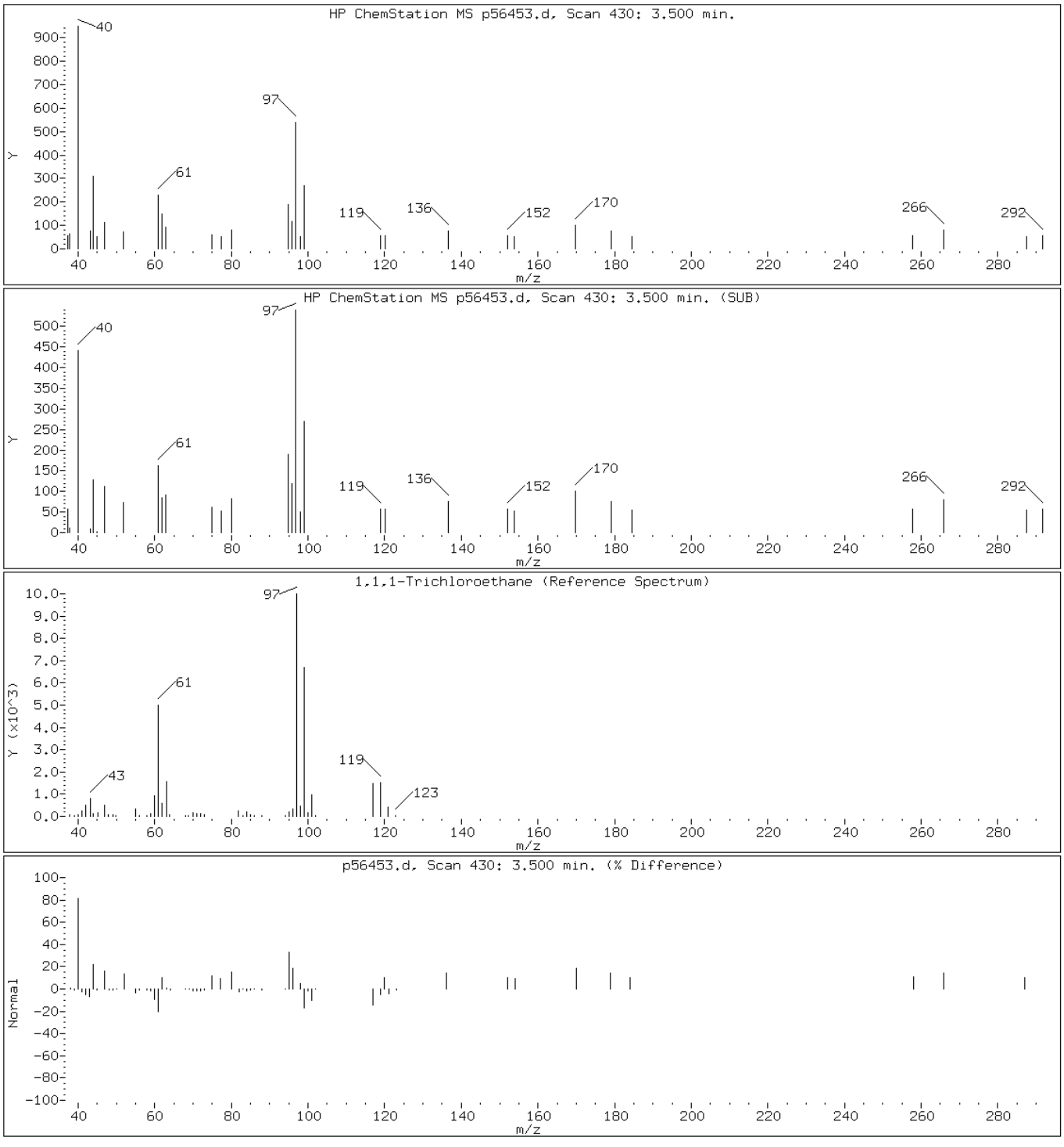
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

43 1,1,1-Trichloroethane



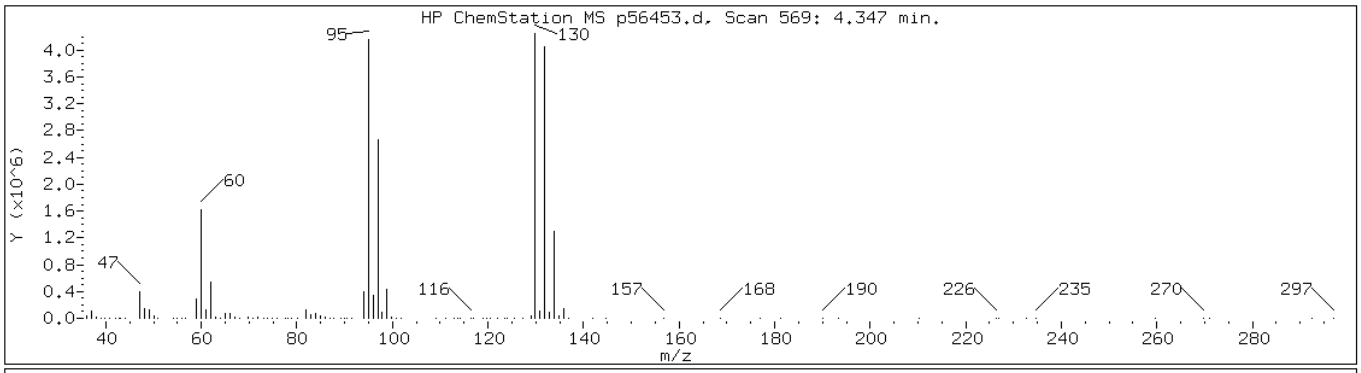
Data File: p56453.d

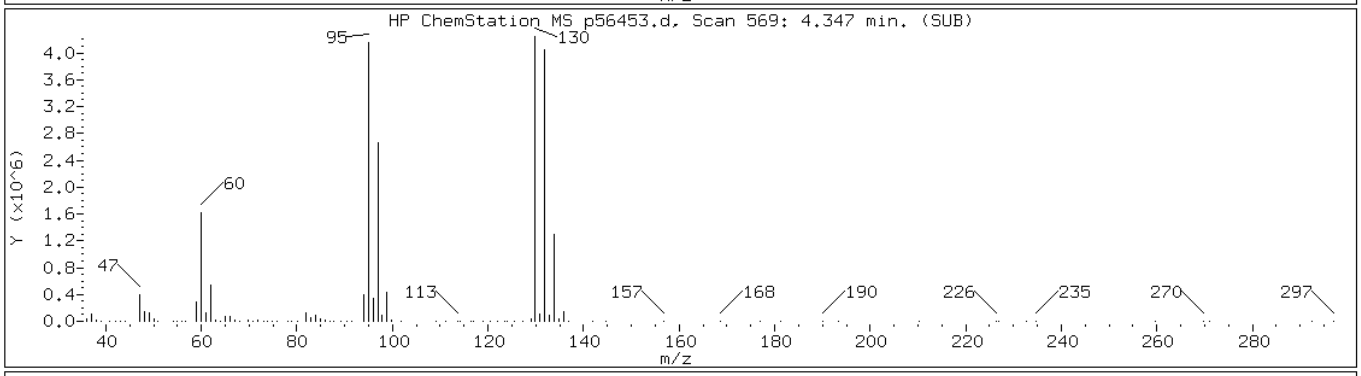
Date: 05-APR-2012 06:58

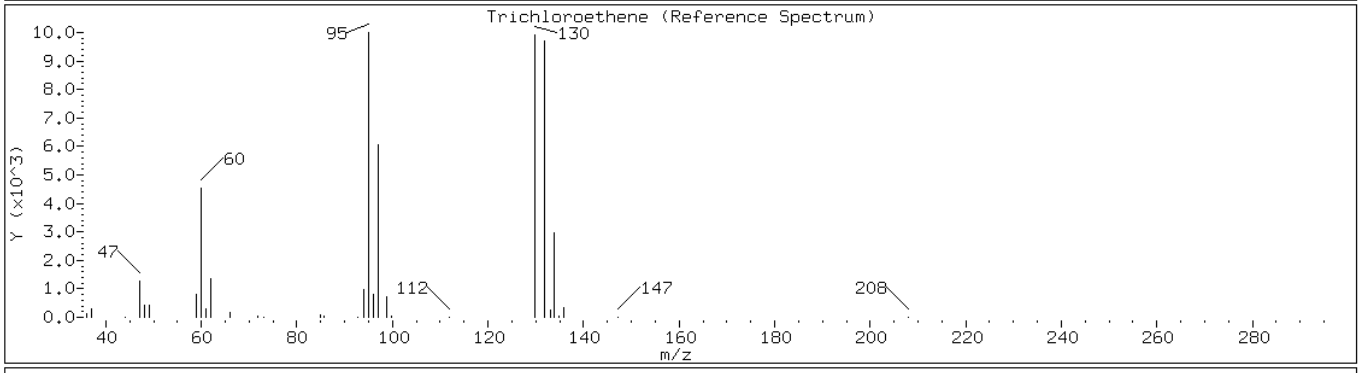
Client ID: DUP-033012 Instrument: VOAMS13.i

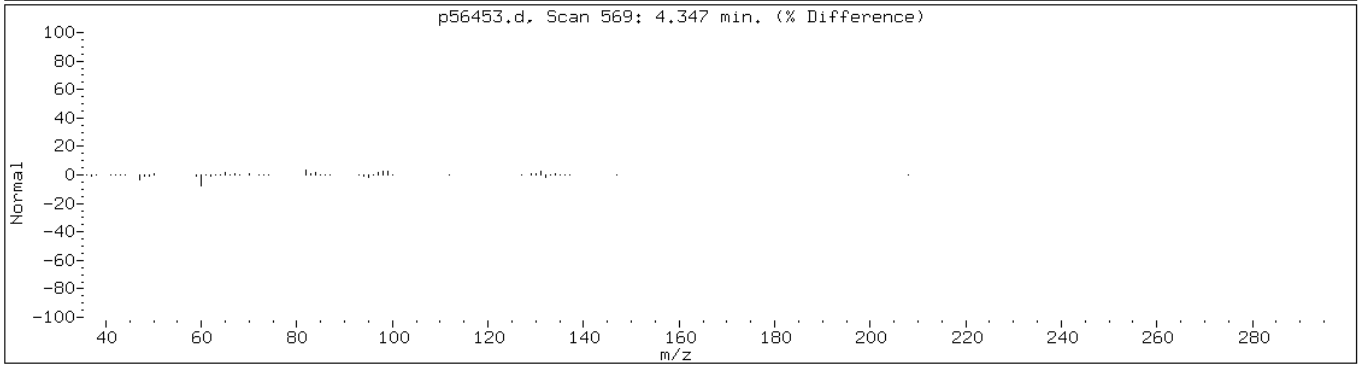
Sample Info: 460-38556-A-5 Operator:

54 Trichloroethene









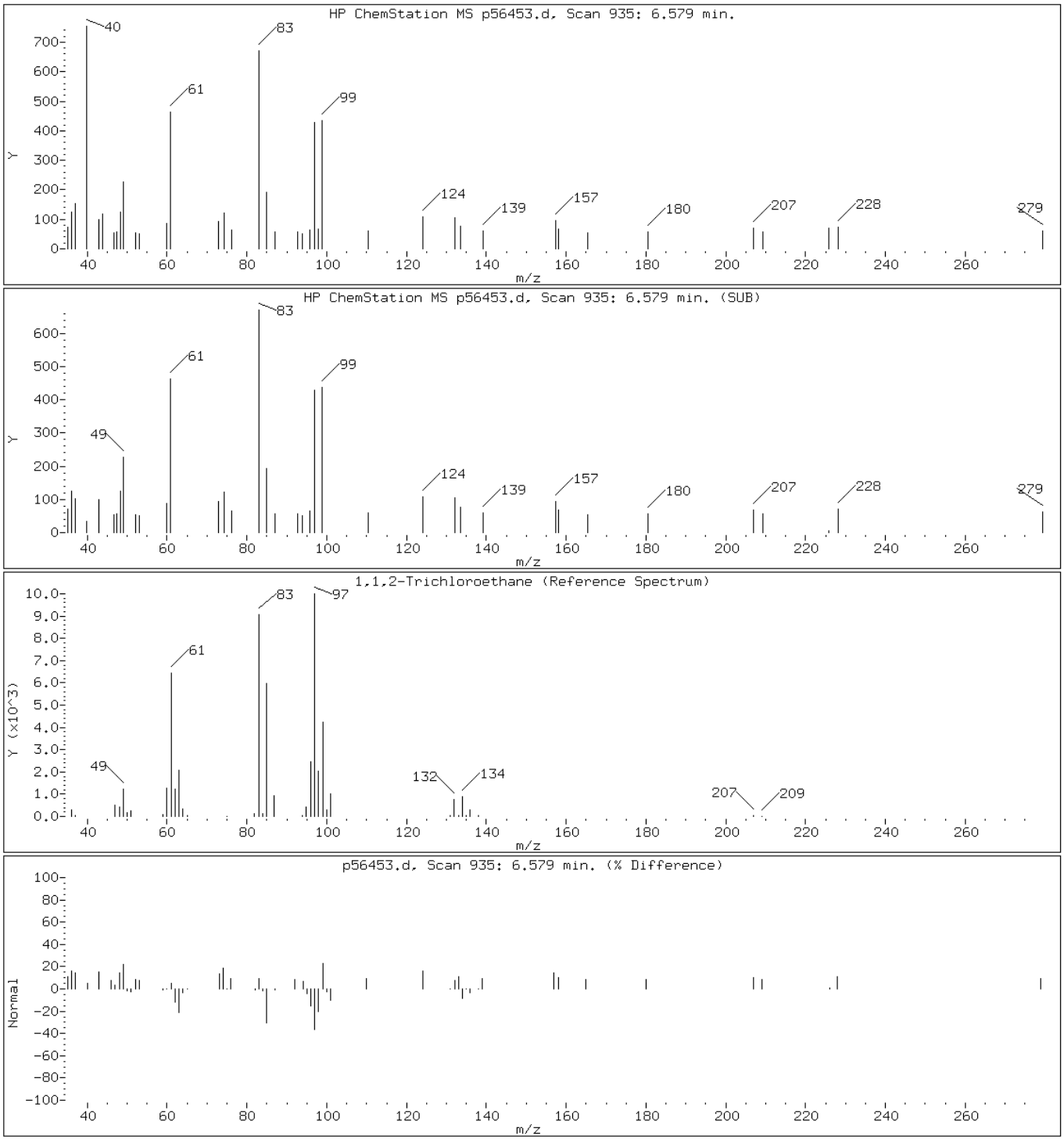
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

69 1,1,2-Trichloroethane



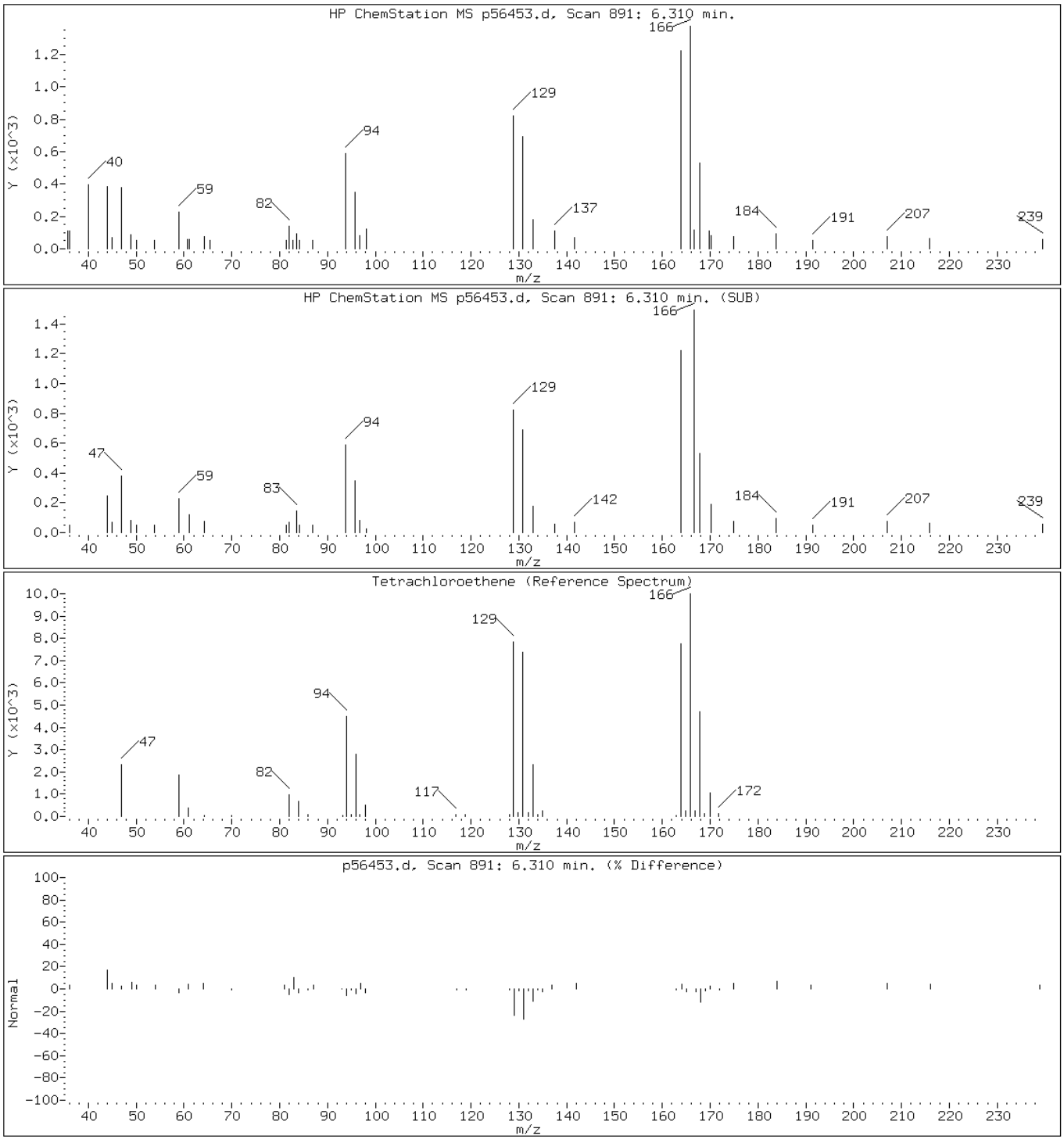
Data File: p56453.d

Date: 05-APR-2012 06:58

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-5 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: DUP-033012 DL Lab Sample ID: 460-38556-5 DL

Matrix: Water Lab File ID: p56477.d

Analysis Method: 8260B Date Collected: 03/30/2012 08:30

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 17:21

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	1700		10	0.90

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56477.d
Report Date: 06-Apr-2012 14:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56477.d
Lab Smp Id: 460-38556-B-5 Client Smp ID: DUP-033012
Inj Date : 05-APR-2012 17:21
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-B-5;10
Misc Info : 460-38556-B-5
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 19
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	15 1,1-Dichloroethene	96	1.848	1.842	(0.442)	1357	0.58416	5.8(aH)
	25 trans-1,2-Dichloroethene	96	2.317	2.311	(0.554)	1409	0.50771	5.1(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.748)	42034	13.7448	140
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	156163	51.7557	52
*	52 Fluorobenzene	96	4.183	4.183	(1.000)	678357	50.0000	
	54 Trichloroethene	95	4.341	4.341	(1.038)	534930	169.830	1700
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	574387	48.7118	49
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	561726	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	220887	53.7660	54
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	314768	50.0000	
M	120 1,2-Dichloroethene (Total)	100				43443	14.2525	140

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56477.d
Report Date: 06-Apr-2012 14:24

QC Flag Legend

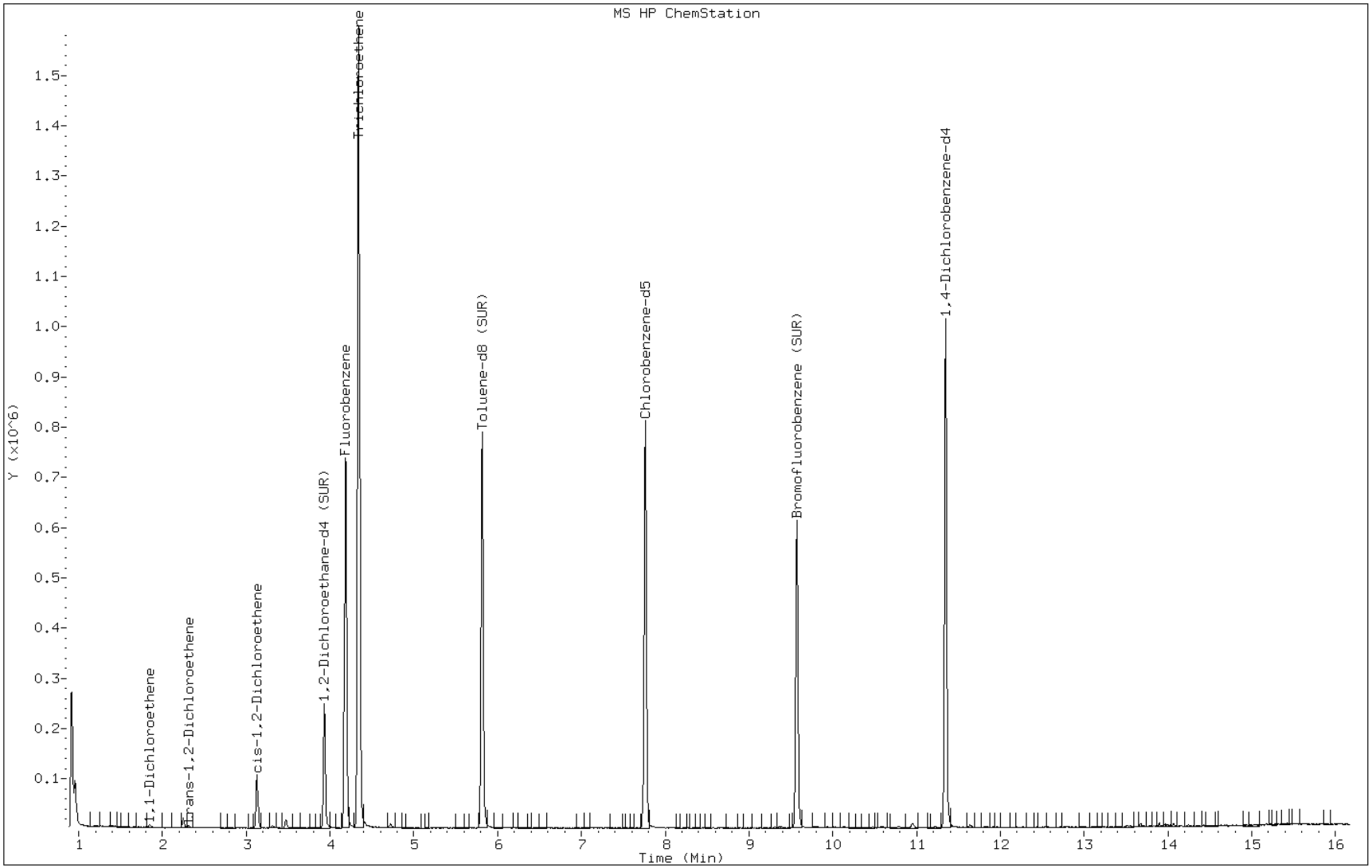
H - Operator selected an alternate compound hit.

Data File: p56477.d

Date: 05-APR-2012 17:21

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-B-5;10 Operator:



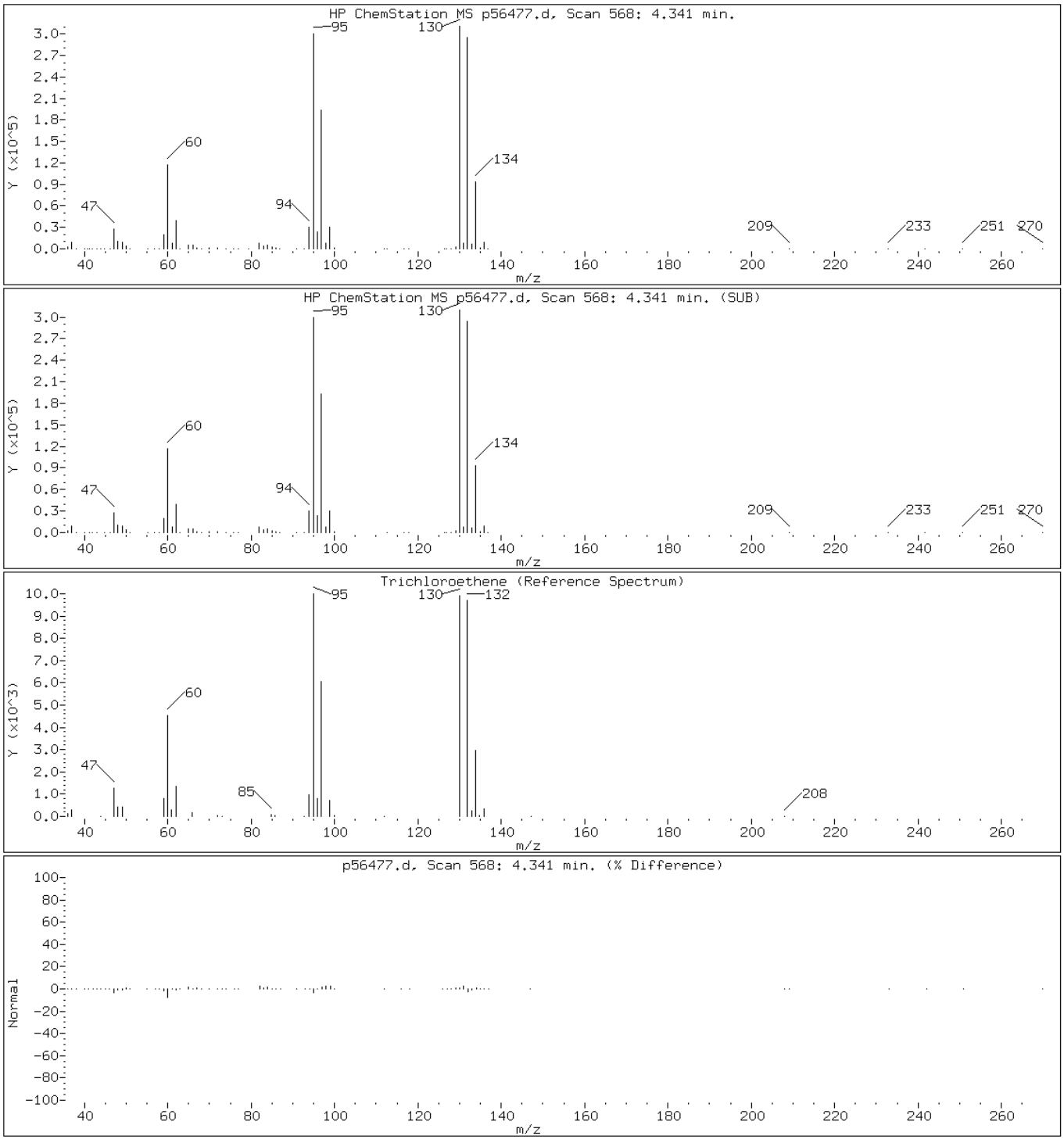
Data File: p56477.d

Date: 05-APR-2012 17:21

Client ID: DUP-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-B-5;10 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: FB-033012 | Lab Sample ID: 460-38556-6

Matrix: Water | Lab File ID: p56439.d

Analysis Method: 8260B | Date Collected: 03/30/2012 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 04/05/2012 01:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108274 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	2.1		1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.22	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: FB-033012 Lab Sample ID: 460-38556-6

Matrix: Water Lab File ID: p56439.d

Analysis Method: 8260B Date Collected: 03/30/2012 13:10

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 01:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	98		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56439.d
Report Date: 05-Apr-2012 03:16

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56439.d
Lab Smp Id: 460-38556-A-6 Client Smp ID: FB-033012
Inj Date : 05-APR-2012 01:19
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-A-6
Misc Info : 460-38556-A-6
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	2.214	2.207	(0.529)	8118	2.14453	2.1
42 Chloroform	83	3.335	3.341	(0.797)	1324	0.21517	0.22(aH)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	188098	49.0197	49
* 52 Fluorobenzene	96	4.183	4.183	(1.000)	862687	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	661787	45.2416	45
* 78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	696842	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	236678	48.9289	49
* 108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	370614	50.0000	

QC Flag Legend

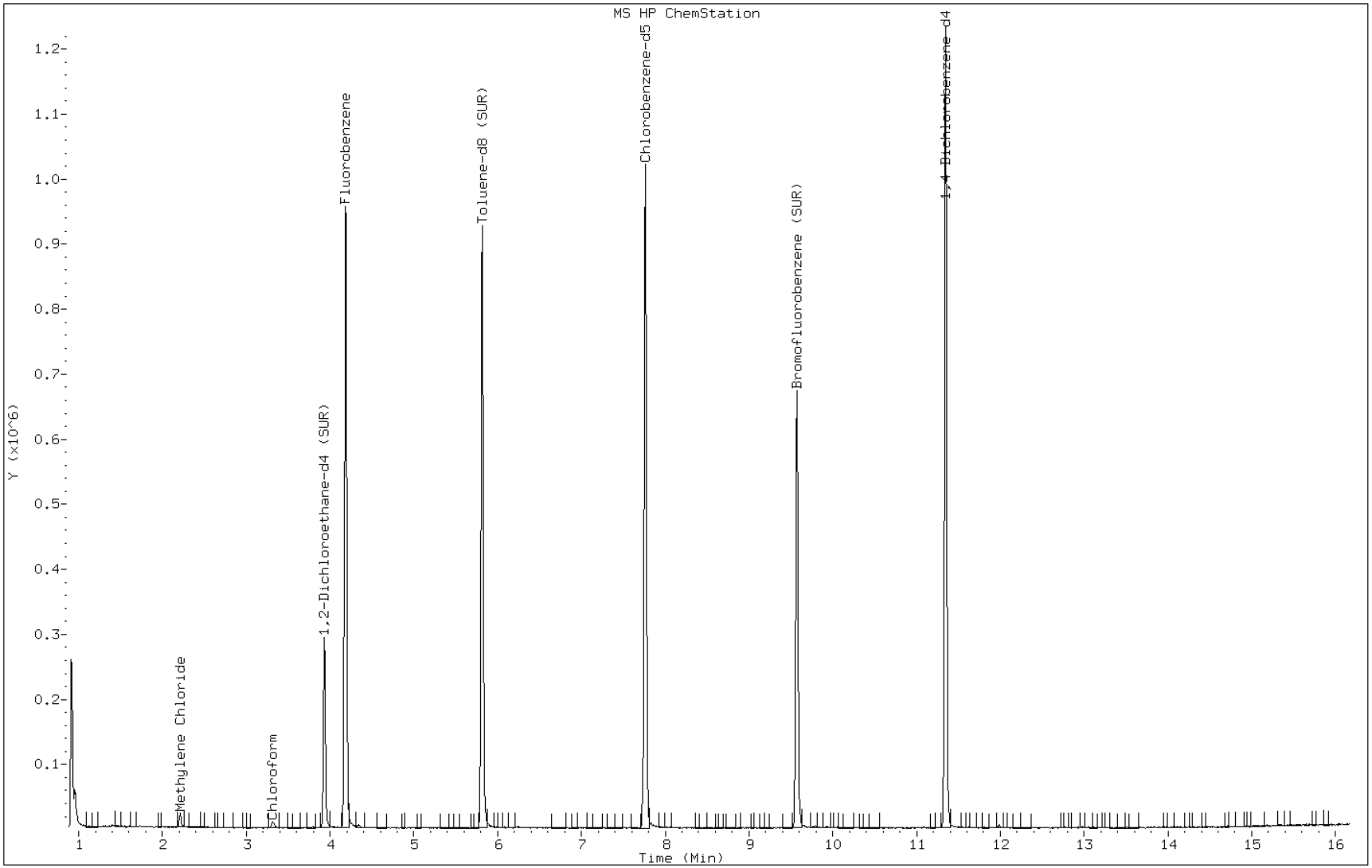
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p56439.d

Date: 05-APR-2012 01:19

Client ID: FB-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-6 Operator:



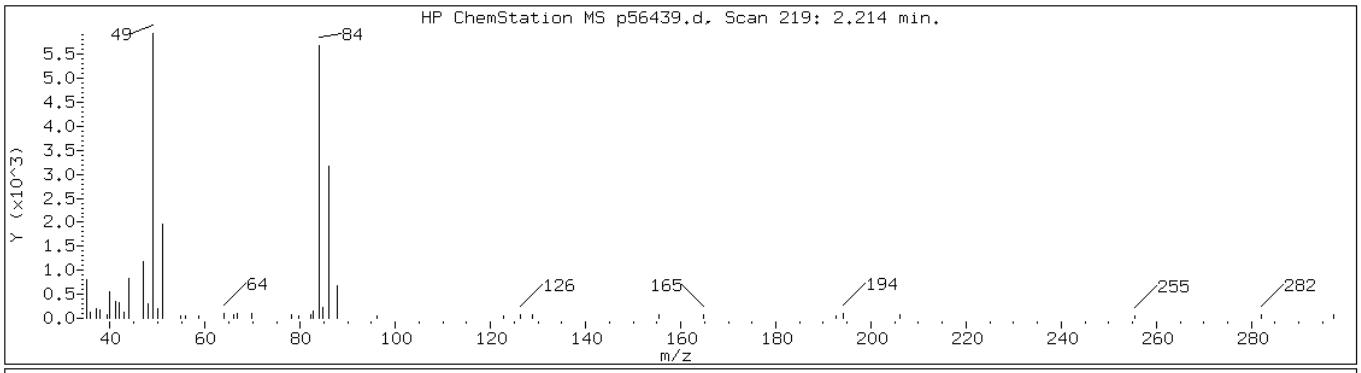
Data File: p56439.d

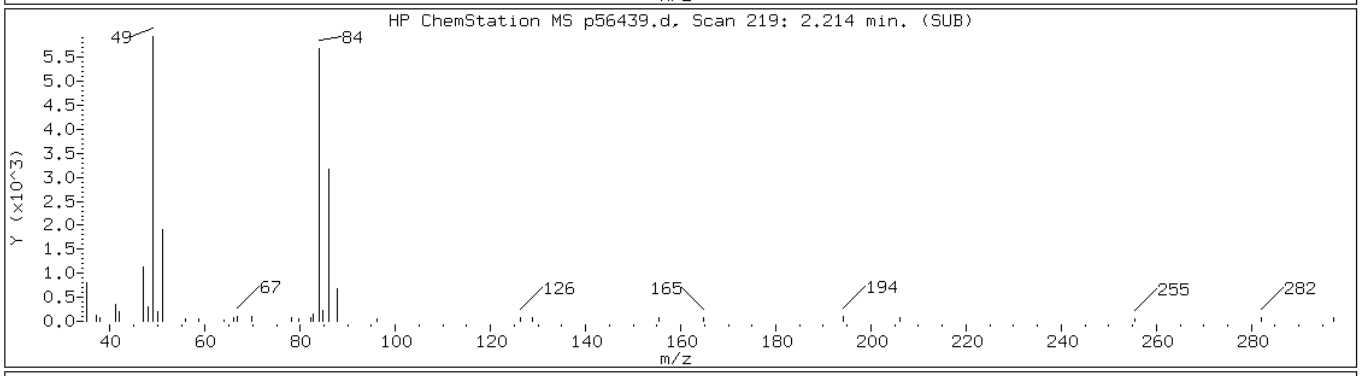
Date: 05-APR-2012 01:19

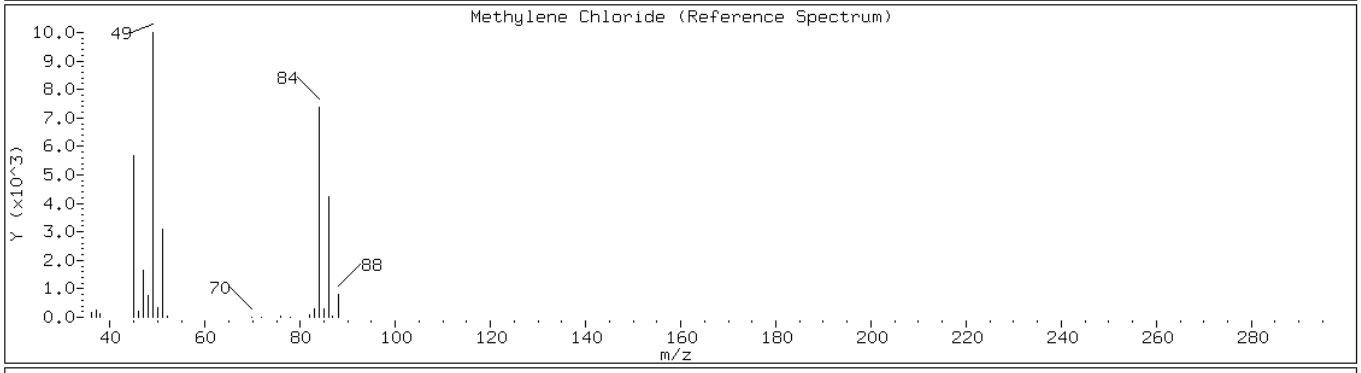
Client ID: FB-033012 Instrument: VOAMS13.i

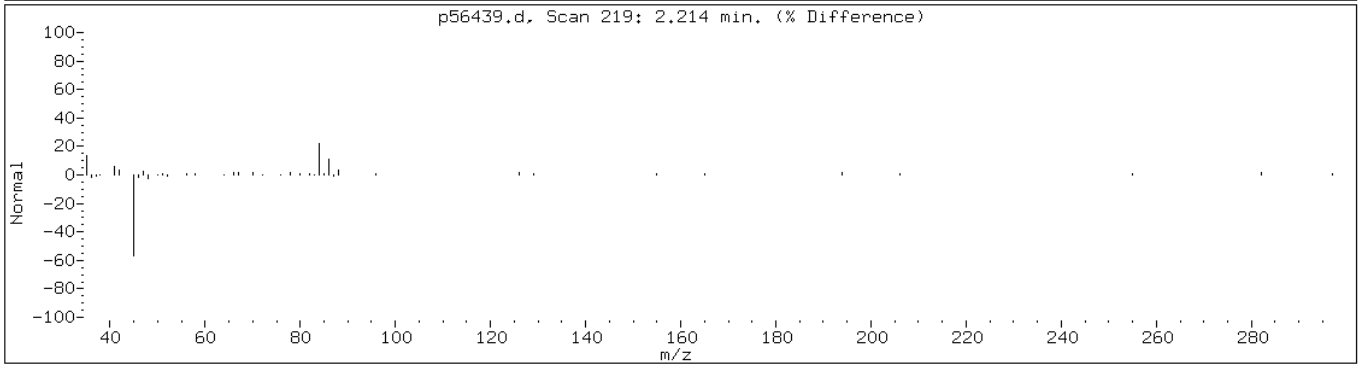
Sample Info: 460-38556-A-6 Operator:

22 Methylene Chloride









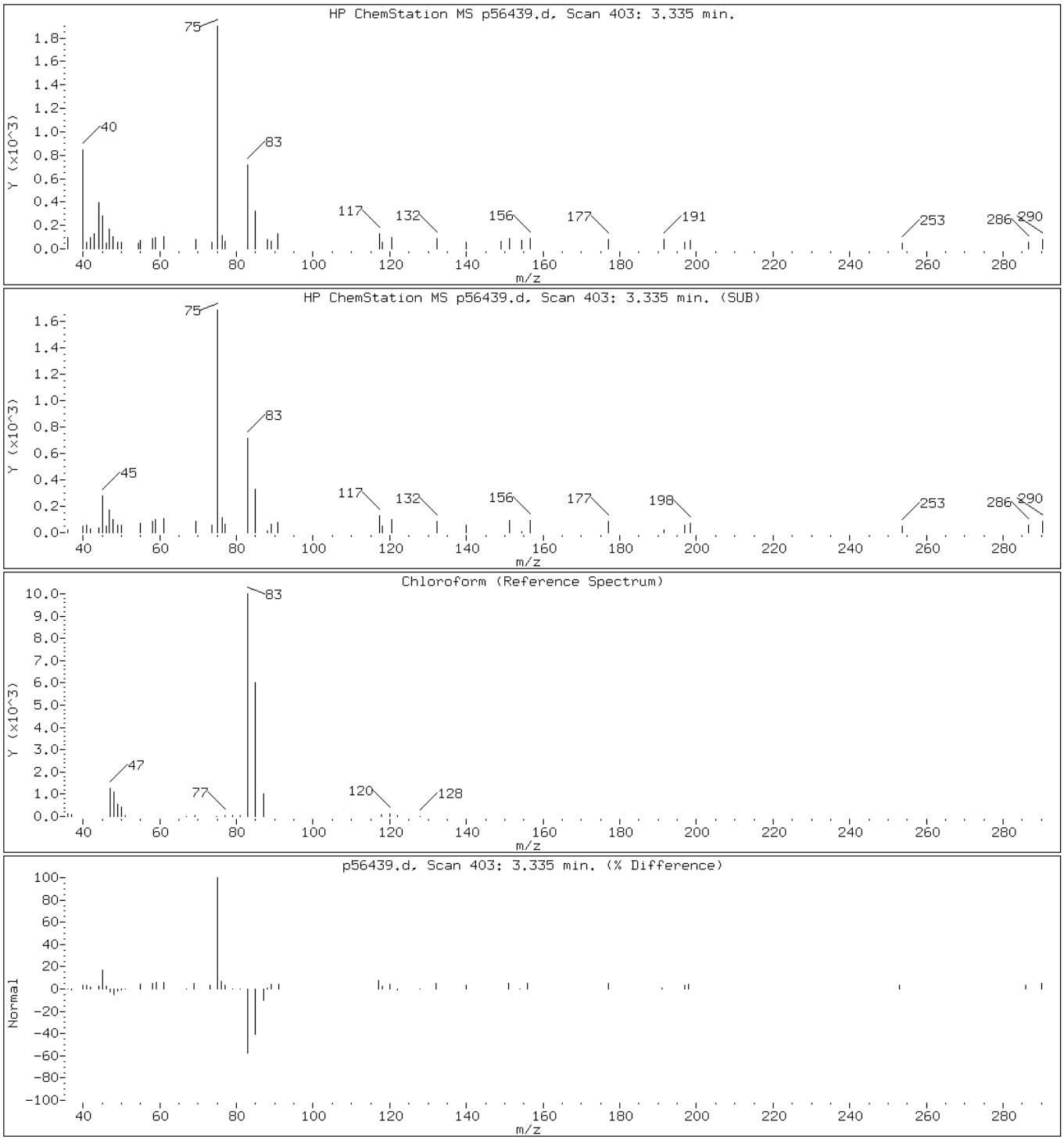
Data File: p56439.d

Date: 05-APR-2012 01:19

Client ID: FB-033012 Instrument: VOAMS13.i

Sample Info: 460-38556-A-6 Operator:

42 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 460-38556-7

Matrix: Water | Lab File ID: p56437.d

Analysis Method: 8260B | Date Collected: 03/30/2012 09:30

Sample wt/vol: 5(mL) | Date Analyzed: 04/05/2012 00:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108274 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	2.3		1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	0.25	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 460-38556-7

Matrix: Water Lab File ID: p56437.d

Analysis Method: 8260B Date Collected: 03/30/2012 09:30

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 00:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	108		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56437.d
Report Date: 05-Apr-2012 03:14

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56437.d
Lab Smp Id: 460-38556-A-7 Client Smp ID: TRIP BLANK
Inj Date : 05-APR-2012 00:30
Operator : Inst ID: VOAMS13.i
Smp Info : 460-38556-A-7
Misc Info : 460-38556-A-7
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	2.214	2.207	(0.528)	8077	2.31290	2.3
42 Chloroform	83	3.341	3.341	(0.798)	1403	0.24715	0.25(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	197233	55.7153	56
* 52 Fluorobenzene	96	4.189	4.183	(1.000)	795872	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	676107	50.2338	50
* 78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	641170	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	242323	53.8116	54
* 108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	345022	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p56437.d

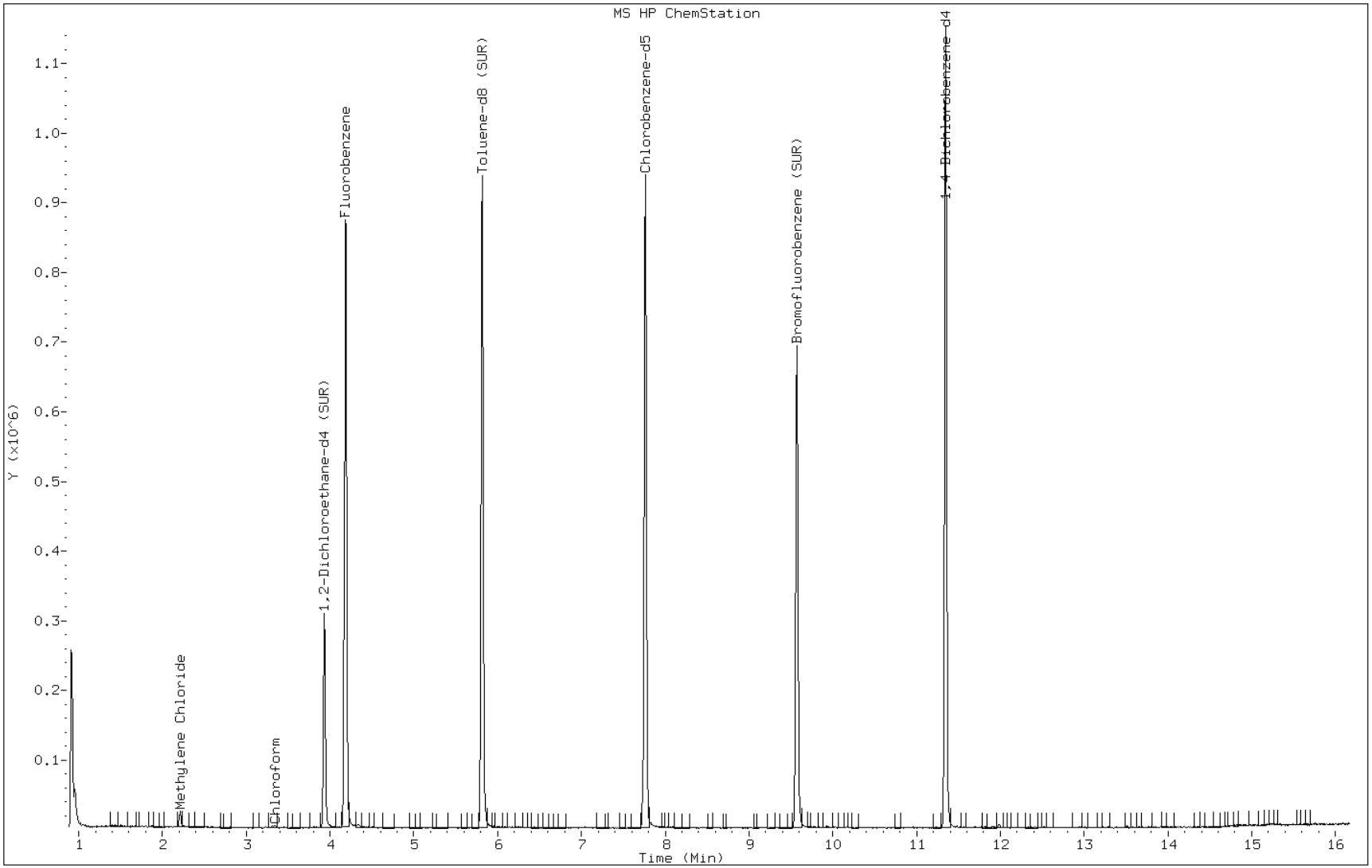
Date: 05-APR-2012 00:30

Client ID: TRIP BLANK

Instrument: VOAMS13.i

Sample Info: 460-38556-A-7

Operator:



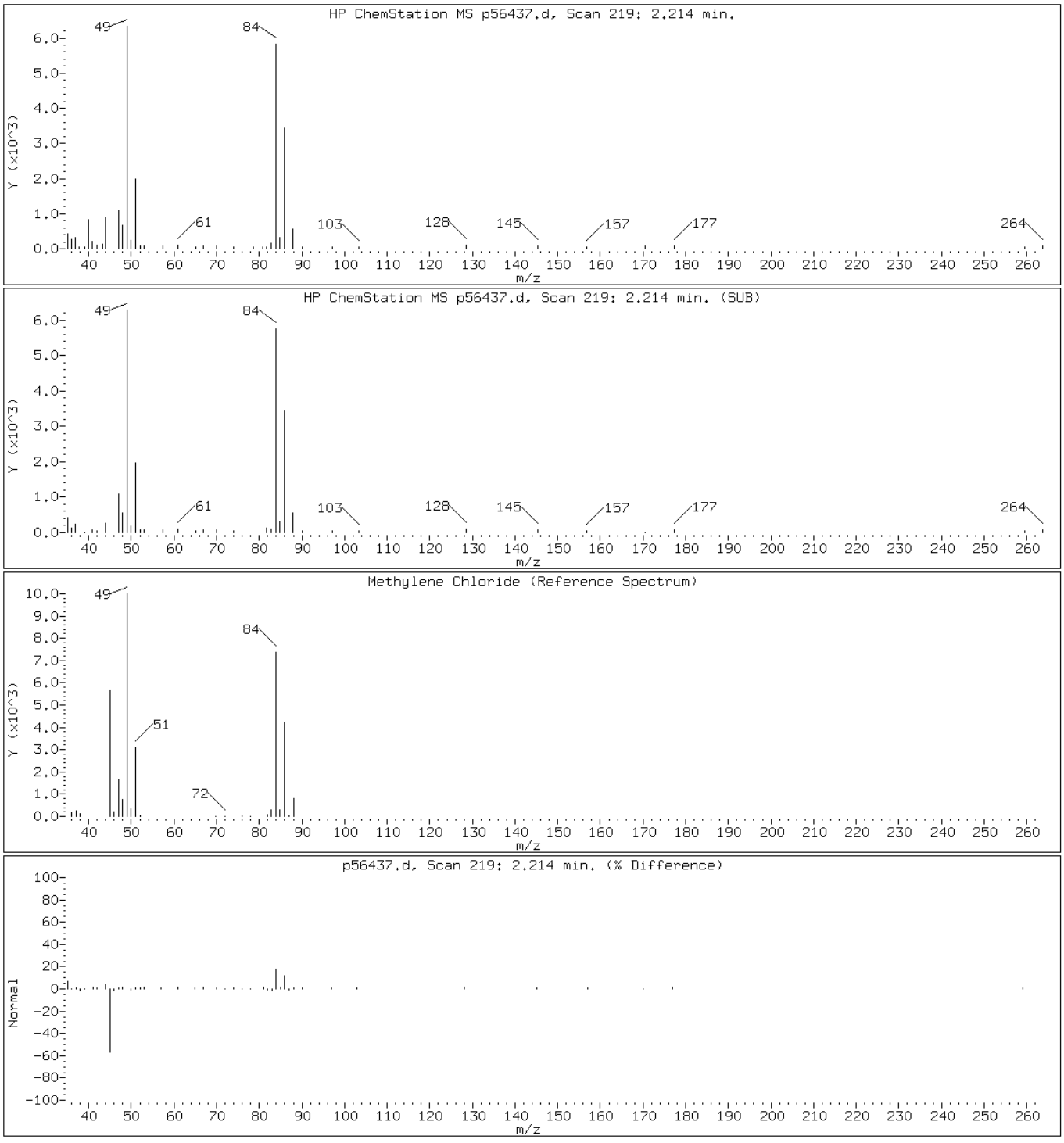
Data File: p56437.d

Date: 05-APR-2012 00:30

Client ID: TRIP BLANK Instrument: VOAMS13.i

Sample Info: 460-38556-A-7 Operator:

22 Methylene Chloride



Data File: p56437.d

Date: 05-APR-2012 00:30

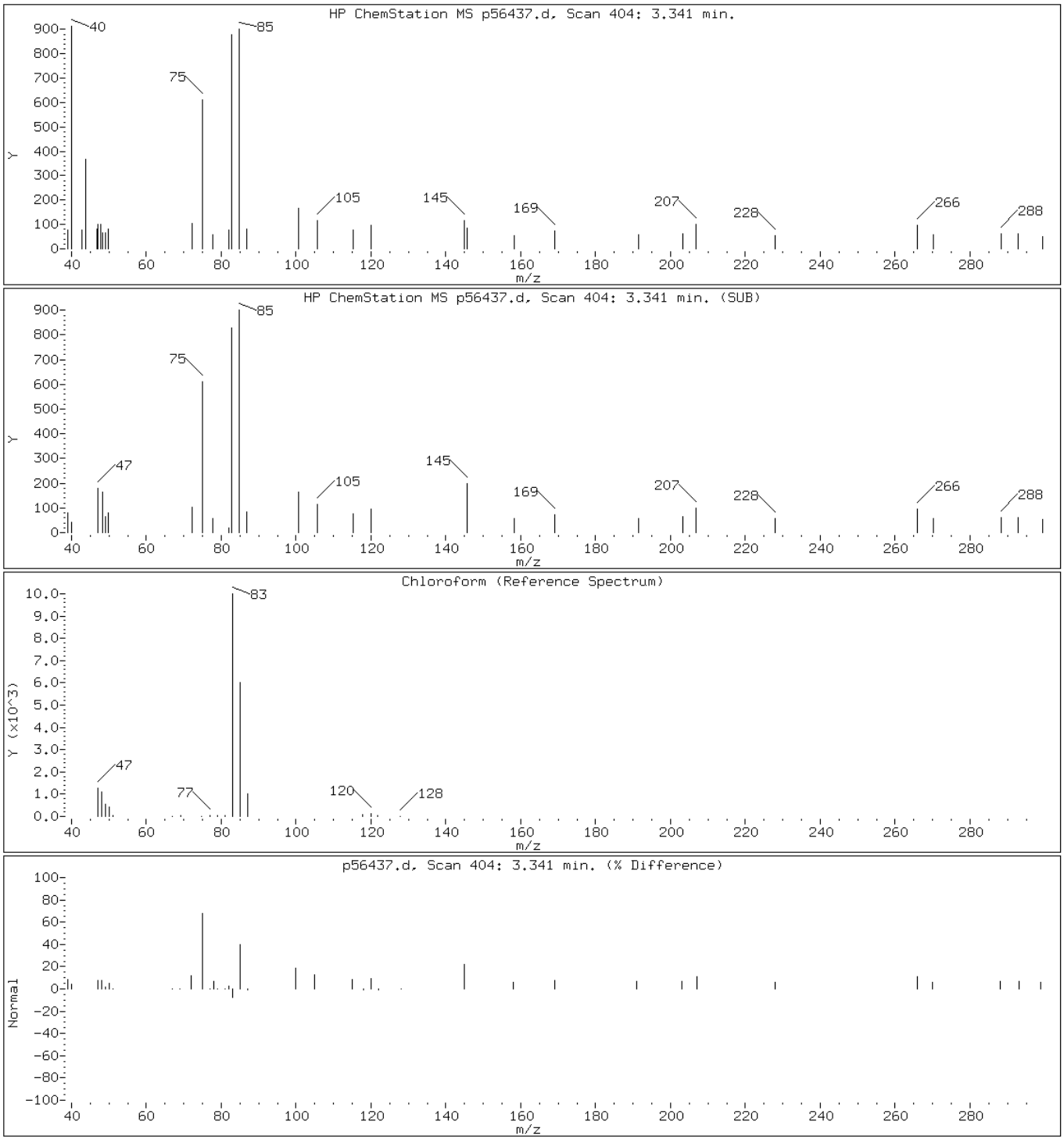
Client ID: TRIP BLANK

Instrument: VOAMS13.i

Sample Info: 460-38556-A-7

Operator:

42 Chloroform



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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-103920/2	p54969.d
Level 2	IC 460-103920/3	p54970.d
Level 3	ICIS 460-103920/4	p54971.d
Level 4	IC 460-103920/5	p54972.d
Level 5	IC 460-103920/6	p54973.d
Level 6	IC 460-103920/7	p54974.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1631 0.1597	0.1720	0.1621	0.1598	0.1578	Ave		0.1624				3.1		15.0			
Chloromethane	0.2168 0.2168	0.2129	0.2095	0.2114	0.2047	Ave		0.2120			0.1000	2.2		15.0			
Vinyl chloride	0.2310 0.2431	0.2271	0.2301	0.2369	0.2394	Ave		0.2346				2.6		30.0			
Bromomethane	0.1523 0.1171	0.0997	0.0845	0.0839	0.0973	LinF		0.1145							0.9936		0.9900
Chloroethane	0.1165 0.1035	0.1002	0.0979	0.1003	0.1027	Ave		0.1035				6.4		15.0			
n-Pentane	0.0261 +++++	0.0285	0.0211	0.0215	0.0212	Ave		0.0237				14.5		15.0			
Trichlorofluoromethane	0.2339 0.2718	0.2514	0.2566	0.2603	0.2662	Ave		0.2567				5.2		15.0			
Isopropene	0.2832 0.2643	0.2669	0.2392	0.2546	0.2606	Ave		0.2615				5.6		15.0			
Ethyl ether	0.1914 0.1695	0.1721	0.1616	0.1673	0.1680	Ave		0.1717				6.0		15.0			
1,1-Dichloroethene	0.1678 0.1764	0.1773	0.1561	0.1743	0.1754	Ave		0.1712				4.8		30.0			
Ethanol	0.0017 0.0020	0.0017	0.0016	0.0018	0.0019	Ave		0.0018				7.5		15.0			
Carbon disulfide	0.4973 0.5630	0.5077	0.4439	0.5044	0.5395	Ave		0.5093				8.0		15.0			
Freon TF	0.1750 0.1794	0.1691	0.1679	0.1759	0.1760	Ave		0.1739				2.6		15.0			
Iodomethane	0.0776 0.2119	0.0688	0.1024	0.1477	0.2012	LinF		0.2100							0.9978		0.9900
Acrolein	0.0639 0.0426	0.0482	0.0427	0.0413	0.0420	LinF		0.0424							0.9998		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Methylene Chloride	0.2352 0.2137	0.2256	0.2060	0.2196	0.2164	Ave		0.2194				4.6		15.0			
Acetone	0.1140 0.0772	0.0867	0.0783	0.0780	0.0778	LinF		0.0773							0.9999		0.9900
trans-1,2-Dichloroethene	0.2099 0.2076	0.2093	0.1866	0.2070	0.2070	Ave		0.2046				4.3		15.0			
Methyl acetate	0.0633 0.0689	0.0622	0.0633	0.0667	0.0688	Ave		0.0655				4.6		15.0			
Hexane	0.0417 0.0510	0.0479	0.0439	0.0479	0.0490	Ave		0.0469				7.3		15.0			
MTBE	0.5970 0.6438	0.5983	0.5867	0.6129	0.6324	Ave		0.6119				3.6		15.0			
TBA	0.0280 0.0348	0.0299	0.0297	0.0314	0.0340	Ave		0.0313				8.4		15.0			
Acetonitrile	0.0071 0.0068	0.0064	0.0066	0.0066	0.0066	Ave		0.0067				3.4		15.0			
DIPE	0.6499 0.7150	0.6604	0.6487	0.6902	0.7046	Ave		0.6781				4.3		15.0			
Vinyl acetate	0.3466 0.3251	0.3135	0.3067	0.3205	0.3221	Ave		0.3224				4.2		15.0			
1,1-Dichloroethane	0.3767 0.3835	0.3679	0.3432	0.3814	0.3795	Ave		0.3720			0.1000	4.1		15.0			
Acrylonitrile	0.1139 0.1047	0.0983	0.1016	0.1032	0.1052	Ave		0.1045				5.0		15.0			
Tert-butyl ethyl ether	0.5999 0.6643	0.6026	0.5740	0.6169	0.6416	Ave		0.6165				5.2		15.0			
cis-1,2-Dichloroethene	0.2267 0.2296	0.2244	0.2130	0.2286	0.2301	Ave		0.2254				2.9		15.0			
2,2-Dichloropropane	0.2787 0.2677	0.2664	0.2378	0.2611	0.2665	Ave		0.2630				5.2		15.0			
Cyclohexane	0.3544 0.3703	0.3463	0.3355	0.3572	0.3648	Ave		0.3547				3.5		15.0			
Bromochloromethane	0.1013 0.1062	0.1080	0.1038	0.1094	0.1082	Ave		0.1062				2.9		15.0			
Chloroform	0.3551 0.3624	0.3547	0.3418	0.3634	0.3626	Ave		0.3567				2.3		30.0			
Carbon tetrachloride	0.1887 0.2498	0.2011	0.1965	0.2284	0.2462	Ave		0.2185				12.1		15.0			
Ethyl acetate	0.0247 0.0328	0.0288	0.0290	0.0302	0.0324	Ave		0.0296				10.0		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	0.1308 0.1222	0.1197	0.1102	0.1183	0.1222	Ave		0.1206				5.5		15.0			
1,1,1-Trichloroethane	0.2839 0.3088	0.2917	0.2699	0.3046	0.3093	Ave		0.2947				5.4		15.0			
1,1-Dichloropropene	0.2763 0.3016	0.2855	0.2655	0.2980	0.3016	Ave		0.2881				5.2		15.0			
2-Butanone	0.0482 0.0462	0.0376	0.0432	0.0434	0.0458	Ave		0.0441				8.3		15.0			
n-Heptane	0.1373 0.1517	0.1377	0.1296	0.1397	0.1456	Ave		0.1403				5.4		15.0			
Benzene	1.1624 1.1816	1.2139	1.1489	1.2284	1.2215	Ave		1.1928				2.8		15.0			
Tert-amyl methyl ether	0.5273 0.6358	0.5558	0.5342	0.5813	0.6157	Ave		0.5750				7.7		15.0			
1,2-Dichloroethane	0.2753 0.2593	0.2629	0.2524	0.2663	0.2629	Ave		0.2632				2.9		15.0			
Isopropyl acetate	0.3849 0.4780	0.4027	0.4099	0.4409	0.4706	Ave		0.4312				8.8		15.0			
Methylcyclohexane	0.3353 0.3860	0.3450	0.3437	0.3668	0.3748	Ave		0.3586				5.6		15.0			
Trichloroethene	0.2530 0.2328	0.2234	0.2187	0.2315	0.2335	Ave		0.2322				5.1		15.0			
n-Butanol	0.0077 0.0103	0.0083	0.0083	0.0097	0.0101	Ave		0.0091				12.3		15.0			
Dibromomethane	0.1278 0.1341	0.1317	0.1304	0.1391	0.1387	Ave		0.1336				3.4		15.0			
1,2-Dichloropropane	0.2270 0.2371	0.2226	0.2207	0.2339	0.2359	Ave		0.2295				3.1		30.0			
Ethyl acrylate	0.2900 0.3531	0.3088	0.2957	0.3288	0.3473	Ave		0.3206				8.3		15.0			
Bromodichloromethane	0.2580 0.2830	0.2601	0.2465	0.2727	0.2786	Ave		0.2665				5.2		15.0			
Methyl methacrylate	0.0609 0.0766	0.0610	0.0640	0.0697	0.0756	Ave		0.0680				10.4		15.0			
1,4-Dioxane	0.0037 0.0044	0.0037	0.0042	0.0048	0.0045	Ave		0.0042				10.5		15.0			
Propyl acetate	0.3133 0.3973	0.3343	0.3448	0.3709	0.3950	Ave		0.3593				9.5		15.0			
2-Chloroethyl vinyl ether	0.0768 +++++	0.1121	0.1136	0.1321	0.1455	LinF		0.1445							0.9986		0.9900

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

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	0.4152 0.4900	0.4385	0.4325	0.4775	0.4890	Ave		0.4571				7.1		15.0			
Toluene	1.5342 1.2995	1.3655	1.2686	1.3353	1.3263	Ave		1.3549				6.9		30.0			
Epichlorohydrin	0.0336 0.0393	0.0347	0.0369	0.0385	0.0397	Ave		0.0371				6.8		15.0			
Tetrachloroethene	0.3195 0.2962	0.3056	0.2740	0.2971	0.2981	Ave		0.2984				5.0		15.0			
4-Methyl-2-pentanone	0.3172 0.3514	0.3146	0.3150	0.3332	0.3545	Ave		0.3310				5.6		15.0			
trans-1,3-Dichloropropene	0.3782 0.4607	0.3784	0.3959	0.4344	0.4545	Ave		0.4170				9.0		15.0			
1,1,2-Trichloroethane	0.2223 0.2389	0.2307	0.2275	0.2414	0.2430	Ave		0.2340				3.6		15.0			
Dibromochloromethane	0.2275 0.3056	0.2522	0.2553	0.2824	0.2999	Ave		0.2705				11.3		15.0			
1,3-Dichloropropane	0.4461 0.4957	0.4548	0.4685	0.4981	0.4993	Ave		0.4771				5.0		15.0			
1,2-Dibromoethane	0.2665 0.2957	0.2815	0.2727	0.2933	0.2982	Ave		0.2847				4.6		15.0			
Butyl acetate	0.0752 0.1028	0.0796	0.0859	0.0931	0.1008	Ave		0.0896				12.6		15.0			
2-Hexanone	0.2556 0.2649	0.2404	0.2524	0.2666	0.2715	Ave		0.2586				4.4		15.0			
Chlorobenzene	0.8344 0.8544	0.8510	0.8011	0.8512	0.8546	Ave		0.8411			0.3000	2.5		15.0			
Ethylbenzene	0.4133 0.4658	0.4500	0.4221	0.4581	0.4646	Ave		0.4457				5.1		30.0			
1,1,1,2-Tetrachloroethane	0.2396 0.2896	0.2574	0.2563	0.2752	0.2830	Ave		0.2669				7.1		15.0			
m&p-Xylene	0.5189 0.5677	0.5305	0.5163	0.5628	0.5681	Ave		0.5441				4.6		15.0			
o-Xylene	0.4561 0.5565	0.5089	0.4980	0.5418	0.5528	Ave		0.5190				7.5		15.0			
Bromoform	0.1611 0.2169	0.1615	0.1728	0.1920	0.2083	Ave		0.1854			0.1000	13.0		15.0			
Styrene	0.7831 0.9597	0.8408	0.8691	0.9396	0.9486	Ave		0.8902				8.0		15.0			
Amly acetate	0.3341 0.3746	0.2890	0.3066	0.3284	0.3592	Ave		0.3320				9.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl acrylate	0.2216 0.2566	0.1932	0.2062	0.2312	0.2508	Ave		0.2266				10.9		15.0			
Isopropylbenzene	1.1816 1.4663	1.3318	1.3372	1.4412	1.4457	Ave		1.3673				7.9		15.0			
Camphene, Total	0.0910 0.1033	0.0987	0.0914	0.0977	0.1011	Ave		0.0972				5.2		15.0			
Monobromobenzene	0.6934 0.7051	0.6857	0.6509	0.6897	0.7045	Ave		0.6882				2.9		15.0			
N-Propylbenzene	2.9628 3.4549	3.1894	3.0868	3.3605	3.4448	Ave		3.2499				6.2		15.0			
1,1,2,2-Tetrachloroethane	0.7438 0.7953	0.7662	0.7512	0.7838	0.7995	Ave		0.7733			0.3000	3.0		15.0			
2-Chlorotoluene	1.8591 2.0015	1.9084	1.8530	1.9634	2.0044	Ave		1.9316				3.5		15.0			
1,2,3-Trichloropropane	0.2476 0.2380	0.2267	0.2244	0.2346	0.2428	Ave		0.2357				3.8		15.0			
1,3,5-Trimethylbenzene	1.9839 2.4450	2.1144	2.1793	2.3427	2.4299	Ave		2.2492				8.3		15.0			
trans-1,4-Dichloro-2-butene	0.1985 0.2083	0.1932	0.1852	0.1870	0.2045	Ave		0.1961				4.8		15.0			
4-Chlorotoluene	1.9511 2.1269	2.0329	1.9548	2.1000	2.1333	Ave		2.0498				4.1		15.0			
tert-Butylbenzene	1.6542 2.0767	1.7943	1.8462	1.9949	2.0723	Ave		1.9064				8.9		15.0			
Butyl Methacrylate	0.5749 0.8942	0.6405	0.6836	0.7660	0.8654	QuaF		1.1977	-0.009						0.9999		0.9900
1,2,4-Trimethylbenzene	2.0014 2.4940	2.2764	2.2858	2.4573	2.4855	Ave		2.3334				8.1		15.0			
sec-Butylbenzene	2.5630 3.1212	2.8285	2.8516	3.0585	3.1180	Ave		2.9235				7.5		15.0			
1,3-Dichlorobenzene	1.5775 1.3757	1.3569	1.2943	1.3621	1.3771	Ave		1.3906				6.9		15.0			
p-Isopropyltoluene	2.0960 2.6821	2.3168	2.3937	2.5843	2.6736	Ave		2.4578				9.4		15.0			
1,4-Dichlorobenzene	1.6517 1.3858	1.4084	1.3231	1.3769	1.3895	Ave		1.4226				8.1		15.0			
2-Octanol	0.1862 +++++	0.0876	0.0907	0.1147	0.1399	LinF		0.1384							0.9953		0.9900
2-Octanone	0.7628 0.9645	0.7397	0.8294	0.9214	0.9585	Ave		0.8627				11.5		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzyl chloride	1.1325 1.4710	1.0983	1.1593	1.2786	1.4365	Ave		1.2627				12.7		15.0			
n-Butylbenzene	2.1870 2.4367	2.1856	2.3049	2.4682	2.4896	Ave		2.3453				5.9		15.0			
1,2-Dichlorobenzene	1.4621 1.3195	1.3105	1.2939	1.3279	1.3296	Ave		1.3406				4.5		15.0			
1,2-Dibromo-3-Chloropropane	0.1535 0.1633	0.1254	0.1345	0.1511	0.1631	Ave		0.1485				10.4		15.0			
1,2,4-Trichlorobenzene	0.8804 0.9619	0.8205	0.8408	0.9304	0.9719	Ave		0.9010				7.0		15.0			
Hexachlorobutadiene	0.3691 0.3764	0.3403	0.3454	0.3782	0.3879	Ave		0.3662				5.2		15.0			
Camphor	0.0581 0.0877	0.0508	0.0542	0.0683	0.0811	QuaF		13.115	-0.391						0.9998		0.9900
Naphthalene	1.9478 2.5612	1.8381	2.1827	2.4829	2.5780	Ave		2.2651				14.3		15.0			
1,2,3-Trichlorobenzene	0.8248 0.8269	0.7349	0.7596	0.8203	0.8409	Ave		0.8012				5.4		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2242 0.2276	0.2227	0.2202	0.2188	0.2209	Ave		0.2224				1.4		15.0			
Toluene-d8 (Surr)	1.0362 1.0552	1.0473	1.0625	1.0513	1.0451	Ave		1.0496				0.9		15.0			
Bromofluorobenzene	0.6407 0.6694	0.6432	0.6504	0.6480	0.6638	Ave		0.6526				1.8		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-103920/2	p54969.d
Level 2	IC 460-103920/3	p54970.d
Level 3	ICIS 460-103920/4	p54971.d
Level 4	IC 460-103920/5	p54972.d
Level 5	IC 460-103920/6	p54973.d
Level 6	IC 460-103920/7	p54974.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	2887 1444860	15301	58429	142247	574654	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3838 1961927	18936	75537	188210	745428	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4089 2199542	20201	82936	210893	872039	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	2696 1059586	8866	30463	74721	354557	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2062 936770	8911	35288	89266	373941	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	462 +++++	2538	7619	19104	77134	1.00 +++++	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	4140 2459827	22363	92497	231718	969379	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	5013 2391437	23745	86218	226693	949218	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3389 1533672	15312	58271	148981	612042	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	2970 1595901	15776	56282	155166	638985	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	30585 218532	61104	88438	131643	169911	1000 6000	2000	3000	4000	5000
Carbon disulfide	FB	Ave	8804 5094493	45158	160023	449039	1964900	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	3098 1623882	15045	60523	156626	640927	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	LinF	1373 1917190	6118	36918	131515	732761	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	4526 308365	17154	30814	73556	152827	4.00 400	20.0	40.0	100	200
Methylene Chloride	FB	Ave	4163 1933990	20069	74266	195482	788032	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acetone	FB	LinF	10090 698250	23126	28212	69429	283209	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3715 1878395	18621	67269	184299	753747	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	1120 623913	5533	22834	59336	250528	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	738 461478	4259	15827	42683	178405	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	10569 5826311	53224	211527	545615	2303273	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	9928 6305895	53196	214376	559803	2476615	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	2505 1224755	11377	47795	117708	481470	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	11505 6470592	58748	233854	614420	2566389	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	6136 2941580	27890	110585	285338	1173145	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6668 3470212	32728	123718	339562	1382185	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	4032 378915	17488	36614	91918	191582	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	10619 6011226	53605	206949	549165	2336796	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4014 2077801	19964	76774	203529	838065	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	4934 2422303	23695	85724	232431	970762	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6273 3350944	30806	120968	317965	1328561	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1794 960699	9605	37430	97430	394160	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6287 3279317	31554	123218	323563	1320768	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3341 2260756	17891	70853	203346	896582	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	873 594137	5118	20884	53749	235908	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	2315 1105921	10644	39720	105336	444969	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5026 2794572	25950	97300	271176	1126587	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloropropene	FB	Ave	4892 2728983	25397	95707	265335	1098537	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	4270 418428	10046	15561	38675	166701	5.00 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	2431 1372631	12251	46721	124335	530226	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	15153 8139238	79884	303761	810433	3320303	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	9334 5753615	49439	192596	517539	2242405	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4873 2346301	23389	90980	237110	957686	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	13627 8652024	71642	295561	785107	3428052	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	5936 3492776	30691	123894	326505	1365205	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4479 2106771	19873	78852	206132	850390	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	67791 560623	147827	224161	344560	461511	500 3000	1000	1500	2000	2500
Dibromomethane	FB	Ave	2263 1213308	11711	47027	123804	505114	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	4018 2145601	19798	79557	208193	859151	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5134 3195102	27467	106616	292677	1265057	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	4568 2560524	23139	88876	242735	1014711	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1078 693341	5429	23057	62090	275387	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3285 23691	6501	11353	16979	20408	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	11094 7189856	59470	248625	660363	2877205	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	LinF	1360 +++++	9972	40946	117620	529867	1.00 +++++	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	5413 3375348	28860	114342	315020	1329130	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	20000 8951395	89861	335399	880995	3605236	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	8749 5411547	45702	195082	508340	2158973	20.0 10000	100	400	1000	4000

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	4165 2040318	20112	72455	195999	810216	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	20674 2420873	62112	83273	219821	963568	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	4930 3173126	24901	104671	286622	1235539	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	2898 1645643	15180	60150	159260	660558	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2965 2105124	16597	67509	186341	815161	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	5815 3414597	29931	123868	328658	1357207	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3474 2036947	18528	72100	193525	810515	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	1960 1416410	10477	45412	122892	548088	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	16658 1824541	47456	66728	175892	738024	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	10877 5885445	56002	211803	561628	2322915	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	5388 3208764	29614	111596	302239	1262909	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3124 1994791	16942	67752	181565	769222	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	13529 7821008	69826	273017	742587	3088661	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	5946 3833532	33493	131656	357431	1502693	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2100 1494241	10626	45692	126644	566303	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	10208 6610979	55336	229780	619936	2578416	1.00 500	5.00	20.0	50.0	200
Amly acetate	DCB	Ave	2252 1308043	9804	42192	112446	495158	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	2889 1767413	12717	54530	152529	681786	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	15403 10100419	87643	353544	950831	3929587	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	1186 711318	6496	24171	64490	274743	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4674 2462424	23259	89571	236136	971158	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Propylbenzene	DCB	Ave	19972 12064868	108184	424762	1150646	4748669	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5014 2777102	25990	103366	268358	1102129	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	12532 6989546	64733	254988	672265	2763076	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1669 831252	7690	30877	80340	334642	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	13373 8537997	71719	299890	802124	3349595	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1338 727307	6552	25491	64022	281936	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	13152 7427486	68956	268989	719054	2940841	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	11151 7251944	60864	254047	683056	2856731	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	QuaF	3875 3122646	21726	94074	262294	1192951	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	13491 8709112	77214	314533	841360	3426270	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	17277 10899434	95944	392396	1047213	4298242	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	10634 4804047	46025	178097	466373	1898346	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	14129 9366247	78587	329383	884876	3685558	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	11134 4839395	47773	182071	471454	1915408	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	LinF	1255 +++++	2973	12483	39267	192868	1.00 +++++	5.00	20.0	50.0	200
2-Octanone	DCB	Ave	5142 3368227	25091	114132	315493	1321277	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	7634 5136944	37253	159520	437802	1980248	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	14742 8509081	74134	317165	845106	3432018	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	9856 4607856	44452	178050	454674	1832812	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1035 570095	4253	18503	51722	224799	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	5935 3359157	27830	115695	318580	1339787	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-38556-1 Analy Batch No.: 103920

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/28/2012 02:37 Calibration End Date: 02/28/2012 04:38 Calibration ID: 14503

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Ave	2488 1314543	11542	47524	129491	534669	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	QuaF	1959 1530556	8616	37306	116892	558858	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	13130 8943838	62349	300358	850141	3553783	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	5560 2887467	24928	104532	280877	1159250	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	198468 205943	198086	198494	194756	201144	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	675358 726837	689220	702295	693606	710181	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	215951 233754	218190	223751	221877	228760	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54969.d
Report Date: 06-Mar-2012 16:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54969.d
Lab Smp Id: IC-VMCAL1
Inj Date : 28-FEB-2012 02:37
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/8260_09.m
Meth Date : 06-Mar-2012 16:51 vibha Quant Type: ISTD
Cal Date : 28-FEB-2012 02:37 Cal File: p54969.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.031	1.031	(0.246)	2887	1.00000	1.0
3 Chloromethane	50	1.165	1.165	(0.278)	3838	1.00000	1.0
4 Vinyl Chloride	62	1.189	1.189	(0.284)	4089	1.00000	0.98(a)
6 Bromomethane	94	1.378	1.378	(0.329)	2696	1.00000	1.3
5 Chloroethane	64	1.452	1.452	(0.347)	2062	1.00000	1.1
8 n-Pentane	72	1.519	1.519	(0.363)	462	1.00000	1.1(a)
7 Trichlorofluoromethane	101	1.525	1.525	(0.364)	4140	1.00000	0.91(a)
10 Isoprene	67	1.708	1.708	(0.408)	5013	1.00000	1.1
11 Ethyl Ether	59	1.726	1.726	(0.412)	3389	1.00000	1.1
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	2970	1.00000	0.98(a)
9 Ethanol	46	1.848	1.848	(0.441)	30585	1000.00	960(a)
18 Carbon Disulfide	76	1.854	1.854	(0.443)	8804	1.00000	0.98(a)
14 Freon TF	101	1.860	1.860	(0.444)	3098	1.00000	1.0
17 Iodomethane	142	1.933	1.933	(0.462)	1373	1.00000	0.37(a)
13 Acrolein	56	2.061	2.061	(0.492)	4526	4.00000	6.0
22 Methylene Chloride	84	2.214	2.214	(0.528)	4163	1.00000	1.1

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54969.d
Report Date: 06-Mar-2012 16:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.262	2.262	(0.540)	10090	5.00000	7.4
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	3715	1.00000	1.0
	27 Methyl Acetate	74	2.336	2.336	(0.558)	1120	1.00000	0.96(a)
	29 Hexane	86	2.354	2.354	(0.562)	738	1.00000	0.89(a)
	28 MTBE	73	2.390	2.390	(0.571)	10569	1.00000	0.98(a)
	24 TBA	59	2.482	2.482	(0.592)	9928	20.0000	18(a)
	21 Acetonitrile	39	2.567	2.567	(0.613)	2505	20.0000	21
	32 DIPE	45	2.659	2.659	(0.635)	11505	1.00000	0.96(a)
	31 Vinyl Acetate	43	2.659	2.659	(0.635)	6136	1.00000	1.1
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	6668	1.00000	1.0
	26 Acrylonitrile	53	2.781	2.781	(0.664)	4032	2.00000	2.2
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.697)	10619	1.00000	0.97(a)
	34 n-Propanol	42	2.976	2.976	(0.710)	34082	1000.00	930(a)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	4014	1.00000	1.0
	37 2,2-Dichloropropane	77	3.207	3.207	(0.766)	4934	1.00000	1.0
	44 Cyclohexane	56	3.274	3.274	(0.782)	6273	1.00000	1.00
	40 Bromochloromethane	128	3.280	3.280	(0.783)	1794	1.00000	0.95(a)
	42 Chloroform	83	3.341	3.341	(0.798)	6287	1.00000	1.00
	45 Carbon Tetrachloride	117	3.451	3.451	(0.824)	3341	1.00000	0.86(a)
	39 Ethyl Acetate	70	3.463	3.463	(0.827)	873	2.00000	1.7(a)
	41 Tetrahydrofuran	42	3.476	3.476	(0.830)	2315	1.00000	1.1
	43 1,1,1-Trichloroethane	97	3.506	3.506	(0.837)	5026	1.00000	0.96(a)
	46 1,1-Dichloropropene	75	3.604	3.604	(0.860)	4892	1.00000	0.96(a)
	38 2-Butanone	72	3.610	3.610	(0.862)	4270	5.00000	5.5
	51 n-Heptane	57	3.799	3.799	(0.907)	2431	1.00000	0.98(a)
	48 Benzene	78	3.811	3.811	(0.491)	15153	1.00000	0.97(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	198468	50.0000	50
	50 t-Amyl-methyl-ether	73	3.933	3.933	(0.939)	9334	1.00000	0.92(a)
	49 1,2-Dichloroethane	62	3.994	3.994	(0.953)	4873	1.00000	1.0
*	52 Fluorobenzene	96	4.189	4.189	(1.000)	885133	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.016)	13627	2.00000	1.8(a)
	56 Methyl cyclohexane	83	4.329	4.329	(1.033)	5936	1.00000	0.94(a)
	54 Trichloroethene	95	4.341	4.341	(1.036)	4479	1.00000	1.1
	53 n-Butanol	56	4.731	4.731	(1.130)	67791	500.000	420(a)
	58 Dibromomethane	93	4.750	4.750	(1.134)	2263	1.00000	0.96(a)
	57 1,2-Dichloropropane	63	4.847	4.847	(1.157)	4018	1.00000	0.99(a)
	55 Ethyl Acrylate	55	4.914	4.914	(1.173)	5134	1.00000	0.90(a)
	68 Bromodichloromethane	83	4.920	4.920	(1.175)	4568	1.00000	0.97(a)
	59 Methyl Methacrylate	100	5.122	5.122	(1.223)	1078	1.00000	0.90(a)
	60 1,4-Dioxane	88	5.164	5.164	(1.233)	3285	50.0000	44(a)
	75 Propyl Acetate	43	5.286	5.286	(1.262)	11094	2.00000	1.7(a)
	62 2-Chloroethyl Vinyl Ether	63	5.573	5.573	(1.330)	1360	1.00000	0.53(a)
	67 cis-1,3-Dichloropropene	75	5.609	5.609	(0.723)	5413	1.00000	0.91(a)
$	65 Toluene-d8 (SUR)	98	5.817	5.817	(0.749)	675358	50.0000	49
	66 Toluene	91	5.871	5.871	(0.756)	20000	1.00000	1.1
	63 Epichlorohydrin	57	5.908	5.908	(0.761)	8749	20.0000	18
	71 Tetrachloroethene	166	6.310	6.310	(0.813)	4165	1.00000	1.1

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54969.d
Report Date: 06-Mar-2012 16:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
70	4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	20674	5.00000	4.8(a)
64	trans-1,3-Dichloropropene	75	6.390	6.390	(0.823)	4930	1.00000	0.91(a)
69	1,1,2-Trichloroethane	83	6.579	6.579	(0.848)	2898	1.00000	0.95(a)
74	Dibromochloromethane	129	6.780	6.780	(0.874)	2965	1.00000	0.84(a)
72	1,3-Dichloropropane	76	6.914	6.914	(0.891)	5815	1.00000	0.94(a)
77	1,2-Dibromoethane	107	7.060	7.060	(0.910)	3474	1.00000	0.94(a)
76	Butyl Acetate	73	7.383	7.383	(0.951)	1960	2.00000	1.7(a)
73	2-Hexanone	43	7.463	7.463	(0.962)	16658	5.00000	4.9(a)
* 78	Chlorobenzene-d5	117	7.761	7.761	(1.000)	651788	50.0000	
79	Chlorobenzene	112	7.780	7.780	(1.002)	10877	1.00000	0.99(a)
81	Ethylbenzene	106	7.865	7.865	(1.013)	5388	1.00000	0.93(a)
80	1,1,1,2-Tetrachloroethane	131	7.889	7.889	(1.016)	3124	1.00000	0.90(a)
82	m+p-Xylene	106	8.084	8.084	(1.042)	13529	2.00000	1.9
84	o-Xylene	106	8.688	8.688	(1.119)	5946	1.00000	0.88(a)
86	Bromoform	173	8.761	8.761	(1.129)	2100	1.00000	0.87(a)
85	Styrene	104	8.779	8.779	(1.131)	10208	1.00000	0.88(a)
87	Amyl Acetate	43	8.804	8.804	(0.776)	2252	1.00000	1.0
83	Butyl Acrylate	73	9.096	9.096	(1.172)	2889	1.00000	0.98(a)
88	Isopropylbenzene	105	9.188	9.188	(1.184)	15403	1.00000	0.86(a)
90	Camphene (total)	41	9.316	9.316	(1.200)	1186	1.00000	0.94(a)
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	215951	50.0000	49
91	Bromobenzene	156	9.694	9.694	(0.854)	4674	1.00000	1.0
95	n-Propylbenzene	91	9.834	9.834	(0.867)	19972	1.00000	0.91(a)
92	1,1,2,2-Tetrachloroethane	83	9.968	9.968	(0.879)	5014	1.00000	0.96(a)
96	2-Chlorotoluene	91	10.017	10.017	(0.883)	12532	1.00000	0.96(a)
93	1,2,3-Trichloropropane	110	10.127	10.127	(0.893)	1669	1.00000	1.0
97	1,3,5-Trimethylbenzene	105	10.182	10.182	(0.897)	13373	1.00000	0.88(a)
94	trans-1,4-Dichloro-2-butene	53	10.243	10.243	(0.903)	1338	1.00000	1.0
98	4-Chlorotoluene	91	10.285	10.285	(0.906)	13152	1.00000	0.95(a)
100	tert-Butylbenzene	119	10.669	10.669	(0.940)	11151	1.00000	0.87(a)
99	Butyl Methacrylate	87	10.779	10.779	(0.950)	3875	1.00000	0.69(a)
101	1,2,4-Trimethylbenzene	105	10.797	10.797	(0.952)	13491	1.00000	0.86(a)
103	sec-Butylbenzene	105	10.962	10.962	(0.966)	17277	1.00000	0.88(a)
105	1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	10634	1.00000	1.1
107	p-Isopropyltoluene	119	11.224	11.224	(0.989)	14129	1.00000	0.85(a)
* 108	1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	337044	50.0000	
109	1,4-Dichlorobenzene	146	11.364	11.364	(1.002)	11134	1.00000	1.2
104	2-Octanol	45	11.474	11.474	(1.011)	1255	1.00000	1.3(a)
102	2-Octanone	43	11.663	11.663	(1.028)	5142	1.00000	0.88(a)
110	Benzyl Chloride	91	11.742	11.742	(1.035)	7634	1.00000	0.90(a)
106	n-Butylbenzene	91	11.822	11.822	(1.042)	14742	1.00000	0.93(a)
111	1,2-Dichlorobenzene	146	11.919	11.919	(1.050)	9856	1.00000	1.1
112	1,2-Dibromo-3-chloropropane	75	12.840	12.840	(1.132)	1035	1.00000	1.0
114	1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	5935	1.00000	0.98(a)
115	Hexachlorobutadiene	225	13.516	13.516	(1.191)	2488	1.00000	1.0
113	Camphor	95	13.766	13.766	(1.213)	1959	5.00000	3.8(a)
116	Naphthalene	128	13.803	13.803	(1.217)	13130	1.00000	0.86(a)

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54969.d
Report Date: 06-Mar-2012 16:51

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	5560	1.00000	1.0
M 120 1,2-Dichloroethene (Total)	100				7729	2.00000	2.0
M 121 Xylene (Total)	100				19475	3.00000	2.8(a)

QC Flag Legend

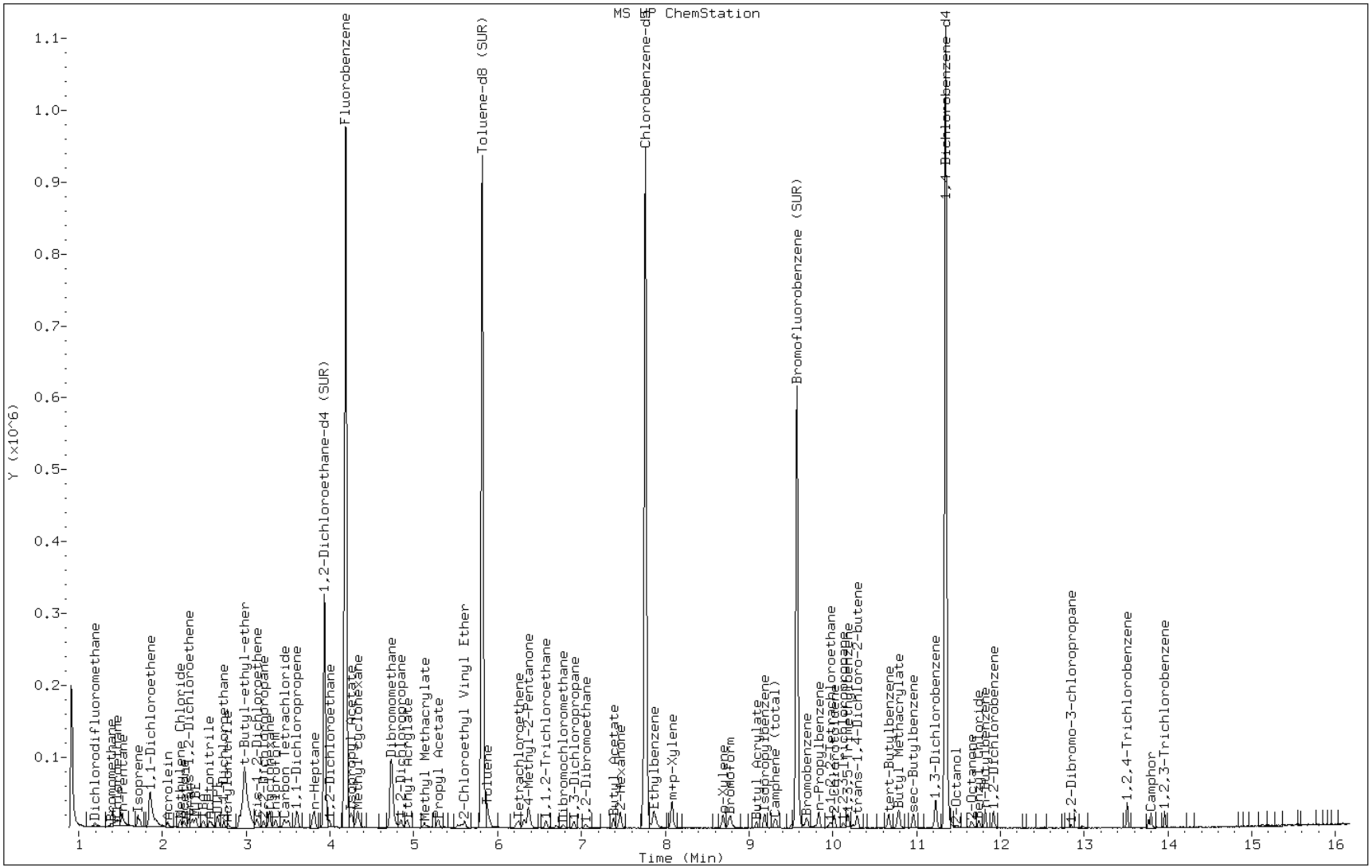
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p54969.d

Date: 28-FEB-2012 02:37

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL1 Operator:



Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54970.d
Report Date: 06-Mar-2012 16:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54970.d
Lab Smp Id: IC-VMCAL2
Inj Date : 28-FEB-2012 03:01
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/8260_09.m
Meth Date : 06-Mar-2012 16:51 vibha Quant Type: ISTD
Cal Date : 28-FEB-2012 03:01 Cal File: p54970.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	15301	5.00000	5.3
3 Chloromethane	50	1.183	1.183	(0.283)	18936	5.00000	5.0
4 Vinyl Chloride	62	1.195	1.195	(0.286)	20201	5.00000	4.8
6 Bromomethane	94	1.384	1.384	(0.331)	8866	5.00000	4.4
5 Chloroethane	64	1.452	1.452	(0.347)	8911	5.00000	4.8
8 n-Pentane	72	1.519	1.519	(0.363)	2538	5.00000	6.0
7 Trichlorofluoromethane	101	1.525	1.525	(0.365)	22363	5.00000	4.9
10 Isoprene	67	1.708	1.708	(0.408)	23745	5.00000	5.1
11 Ethyl Ether	59	1.732	1.732	(0.414)	15312	5.00000	5.0
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	15776	5.00000	5.2
9 Ethanol	46	1.848	1.848	(0.442)	61104	2000.00	1900
18 Carbon Disulfide	76	1.854	1.854	(0.443)	45158	5.00000	5.0
14 Freon TF	101	1.866	1.866	(0.446)	15045	5.00000	4.9
17 Iodomethane	142	1.927	1.927	(0.461)	6118	5.00000	1.6
13 Acrolein	56	2.061	2.061	(0.493)	17154	20.0000	23
22 Methylene Chloride	84	2.207	2.207	(0.528)	20069	5.00000	5.1

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54970.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.256	2.256	(0.539)	23126	15.0000	17
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.553)	18621	5.00000	5.1
	27 Methyl Acetate	74	2.336	2.336	(0.558)	5533	5.00000	4.7
	29 Hexane	86	2.360	2.360	(0.564)	4259	5.00000	5.1
	28 MTBE	73	2.396	2.396	(0.573)	53224	5.00000	4.9
	24 TBA	59	2.488	2.488	(0.595)	53196	100.000	95
	21 Acetonitrile	39	2.567	2.567	(0.614)	11377	100.000	96
	32 DIPE	45	2.659	2.659	(0.636)	58748	5.00000	4.9
	31 Vinyl Acetate	43	2.659	2.659	(0.636)	27890	5.00000	4.9
	30 1,1-Dichloroethane	63	2.732	2.732	(0.653)	32728	5.00000	4.9
	26 Acrylonitrile	53	2.781	2.781	(0.665)	17488	10.0000	9.4
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.698)	53605	5.00000	4.9
	34 n-Propanol	42	2.982	2.982	(0.713)	70660	2000.00	1900
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.748)	19964	5.00000	5.0
	37 2,2-Dichloropropane	77	3.207	3.207	(0.767)	23695	5.00000	5.1
	44 Cyclohexane	56	3.274	3.274	(0.783)	30806	5.00000	4.9
	40 Bromochloromethane	128	3.280	3.280	(0.784)	9605	5.00000	5.1
	42 Chloroform	83	3.348	3.348	(0.800)	31554	5.00000	5.0
	45 Carbon Tetrachloride	117	3.439	3.439	(0.822)	17891	5.00000	4.6
	39 Ethyl Acetate	70	3.457	3.457	(0.827)	5118	10.0000	9.7
	41 Tetrahydrofuran	42	3.482	3.482	(0.832)	10644	5.00000	5.0
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.837)	25950	5.00000	4.9
	46 1,1-Dichloropropene	75	3.604	3.604	(0.862)	25397	5.00000	5.0
	38 2-Butanone	72	3.610	3.610	(0.863)	10046	15.0000	13
	51 n-Heptane	57	3.793	3.793	(0.907)	12251	5.00000	4.9(a)
	48 Benzene	78	3.811	3.811	(0.491)	79884	5.00000	5.1
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	198086	50.0000	50
	50 t-Amyl-methyl-ether	73	3.933	3.933	(0.940)	49439	5.00000	4.8
	49 1,2-Dichloroethane	62	3.994	3.994	(0.955)	23389	5.00000	5.0
*	52 Fluorobenzene	96	4.183	4.183	(1.000)	889547	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.017)	71642	10.0000	9.3
	56 Methyl cyclohexane	83	4.323	4.323	(1.034)	30691	5.00000	4.8
	54 Trichloroethene	95	4.341	4.341	(1.038)	19873	5.00000	4.8
	53 n-Butanol	56	4.731	4.731	(1.131)	147827	1000.00	920
	58 Dibromomethane	93	4.744	4.744	(1.134)	11711	5.00000	4.9
	57 1,2-Dichloropropane	63	4.847	4.847	(1.159)	19798	5.00000	4.8
	55 Ethyl Acrylate	55	4.914	4.914	(1.175)	27467	5.00000	4.8
	68 Bromodichloromethane	83	4.920	4.920	(1.176)	23139	5.00000	4.9
	59 Methyl Methacrylate	100	5.128	5.128	(1.226)	5429	5.00000	4.5
	60 1,4-Dioxane	88	5.164	5.164	(1.235)	6501	100.000	87
	75 Propyl Acetate	43	5.292	5.292	(1.265)	59470	10.0000	9.3
	62 2-Chloroethyl Vinyl Ether	63	5.573	5.573	(1.332)	9972	5.00000	3.9
	67 cis-1,3-Dichloropropene	75	5.609	5.609	(0.723)	28860	5.00000	4.8
$	65 Toluene-d8 (SUR)	98	5.817	5.817	(0.749)	689220	50.0000	50
	66 Toluene	91	5.871	5.871	(0.756)	89861	5.00000	5.0
	63 Epichlorohydrin	57	5.902	5.902	(0.760)	45702	100.000	94
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	20112	5.00000	5.1

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54970.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
70	4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	62112	15.0000	14
64	trans-1,3-Dichloropropene	75	6.390	6.390	(0.823)	24901	5.00000	4.5
69	1,1,2-Trichloroethane	83	6.572	6.572	(0.847)	15180	5.00000	4.9
74	Dibromochloromethane	129	6.780	6.780	(0.874)	16597	5.00000	4.7
72	1,3-Dichloropropane	76	6.908	6.908	(0.890)	29931	5.00000	4.8
77	1,2-Dibromoethane	107	7.048	7.048	(0.908)	18528	5.00000	4.9
76	Butyl Acetate	73	7.383	7.383	(0.951)	10477	10.0000	8.9
73	2-Hexanone	43	7.463	7.463	(0.962)	47456	15.0000	14
* 78	Chlorobenzene-d5	117	7.761	7.761	(1.000)	658102	50.0000	
79	Chlorobenzene	112	7.786	7.786	(1.003)	56002	5.00000	5.0
81	Ethylbenzene	106	7.865	7.865	(1.013)	29614	5.00000	5.0
80	1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.017)	16942	5.00000	4.8
82	m+p-Xylene	106	8.084	8.084	(1.042)	69826	10.0000	9.8
84	o-Xylene	106	8.688	8.688	(1.119)	33493	5.00000	4.9
86	Bromoform	173	8.755	8.755	(1.128)	10626	5.00000	4.4
85	Styrene	104	8.773	8.773	(1.130)	55336	5.00000	4.7
87	Amyl Acetate	43	8.810	8.810	(0.776)	9804	5.00000	4.4
83	Butyl Acrylate	73	9.096	9.096	(1.172)	12717	5.00000	4.3
88	Isopropylbenzene	105	9.188	9.188	(1.184)	87643	5.00000	4.9
90	Camphene (total)	41	9.322	9.322	(1.201)	6496	5.00000	5.1
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	218190	50.0000	49
91	Bromobenzene	156	9.694	9.694	(0.854)	23259	5.00000	5.0
95	n-Propylbenzene	91	9.834	9.834	(0.867)	108184	5.00000	4.9
92	1,1,2,2-Tetrachloroethane	83	9.968	9.968	(0.879)	25990	5.00000	5.0
96	2-Chlorotoluene	91	10.017	10.017	(0.883)	64733	5.00000	4.9
93	1,2,3-Trichloropropane	110	10.121	10.121	(0.892)	7690	5.00000	4.8
97	1,3,5-Trimethylbenzene	105	10.182	10.182	(0.897)	71719	5.00000	4.7
94	trans-1,4-Dichloro-2-butene	53	10.249	10.249	(0.903)	6552	5.00000	4.9
98	4-Chlorotoluene	91	10.291	10.291	(0.907)	68956	5.00000	5.0
100	tert-Butylbenzene	119	10.663	10.663	(0.940)	60864	5.00000	4.7
99	Butyl Methacrylate	87	10.779	10.779	(0.950)	21726	5.00000	3.8
101	1,2,4-Trimethylbenzene	105	10.797	10.797	(0.952)	77214	5.00000	4.9
103	sec-Butylbenzene	105	10.962	10.962	(0.966)	95944	5.00000	4.8
105	1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	46025	5.00000	4.9
107	p-Isopropyltoluene	119	11.230	11.230	(0.990)	78587	5.00000	4.7
* 108	1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	339200	50.0000	
109	1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	47773	5.00000	5.0
104	2-Octanol	45	11.474	11.474	(1.011)	2973	5.00000	3.2(a)
102	2-Octanone	43	11.657	11.657	(1.027)	25091	5.00000	4.3
110	Benzyl Chloride	91	11.748	11.748	(1.035)	37253	5.00000	4.3
106	n-Butylbenzene	91	11.821	11.821	(1.042)	74134	5.00000	4.6
111	1,2-Dichlorobenzene	146	11.919	11.919	(1.050)	44452	5.00000	4.9
112	1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	4253	5.00000	4.2
114	1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	27830	5.00000	4.6
115	Hexachlorobutadiene	225	13.522	13.522	(1.192)	11542	5.00000	4.6
113	Camphor	95	13.772	13.772	(1.214)	8616	25.0000	17
116	Naphthalene	128	13.803	13.803	(1.217)	62349	5.00000	4.0

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54970.d
Report Date: 06-Mar-2012 16:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	24928	5.00000	4.6
M 120 1,2-Dichloroethene (Total)	100				38585	10.0000	10
M 121 Xylene (Total)	100				103319	15.0000	15

QC Flag Legend

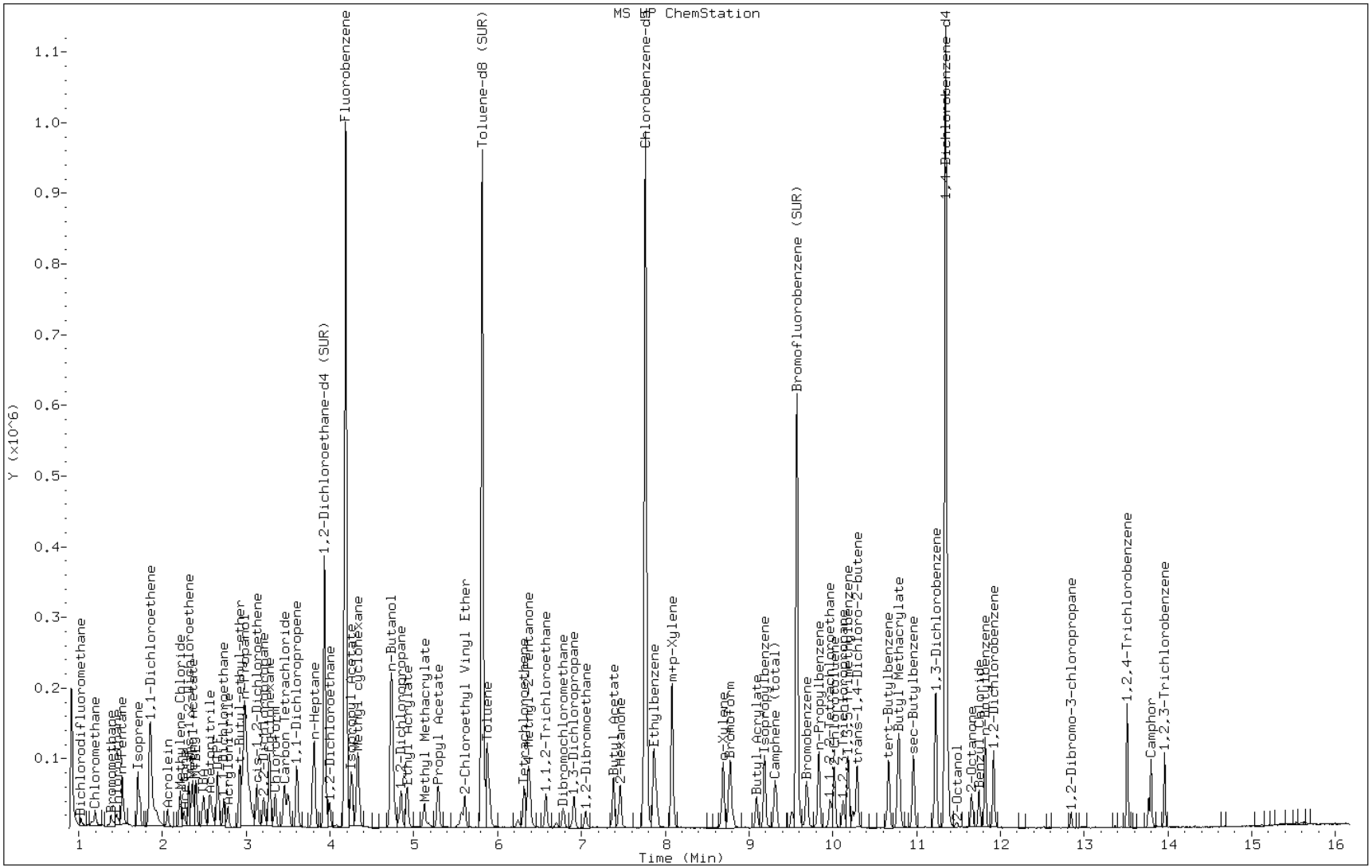
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p54970.d

Date: 28-FEB-2012 03:01

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL2 Operator:



Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54971.d
Report Date: 06-Mar-2012 16:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54971.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 28-FEB-2012 03:25
Operator : Inst ID: VOAMS13.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/8260_09.m
Meth Date : 06-Mar-2012 16:52 vibha Quant Type: ISTD
Cal Date : 28-FEB-2012 03:25 Cal File: p54971.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	58429	20.0000	20
3 Chloromethane	50	1.165	1.165	(0.279)	75537	20.0000	20
4 Vinyl Chloride	62	1.195	1.195	(0.286)	82936	20.0000	20
6 Bromomethane	94	1.378	1.378	(0.330)	30463	20.0000	15
5 Chloroethane	64	1.452	1.452	(0.347)	35288	20.0000	19
8 n-Pentane	72	1.525	1.525	(0.365)	7619	20.0000	18
7 Trichlorofluoromethane	101	1.525	1.525	(0.365)	92497	20.0000	20
10 Isoprene	67	1.708	1.708	(0.408)	86218	20.0000	18
11 Ethyl Ether	59	1.732	1.732	(0.414)	58271	20.0000	19
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	56282	20.0000	18
9 Ethanol	46	1.848	1.848	(0.442)	88438	3000.00	2700
18 Carbon Disulfide	76	1.854	1.854	(0.443)	160023	20.0000	17
14 Freon TF	101	1.866	1.866	(0.446)	60523	20.0000	19
17 Iodomethane	142	1.933	1.933	(0.462)	36918	20.0000	9.8
13 Acrolein	56	2.061	2.061	(0.493)	30814	40.0000	40
22 Methylene Chloride	84	2.214	2.214	(0.529)	74266	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54971.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.256	2.256	(0.539)	28212	20.0000	20
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.553)	67269	20.0000	18
	27 Methyl Acetate	74	2.335	2.335	(0.558)	22834	20.0000	19
	29 Hexane	86	2.366	2.366	(0.566)	15827	20.0000	19
	28 MTBE	73	2.396	2.396	(0.573)	211527	20.0000	19
	24 TBA	59	2.488	2.488	(0.595)	214376	400.000	380
	21 Acetonitrile	39	2.567	2.567	(0.614)	47795	400.000	400
	32 DIPE	45	2.659	2.659	(0.636)	233854	20.0000	19
	31 Vinyl Acetate	43	2.659	2.659	(0.636)	110585	20.0000	19
	30 1,1-Dichloroethane	63	2.732	2.732	(0.653)	123718	20.0000	18
	26 Acrylonitrile	53	2.781	2.781	(0.665)	36614	20.0000	19
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.698)	206949	20.0000	19
	34 n-Propanol	42	2.982	2.982	(0.713)	104157	3000.00	2800
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.748)	76774	20.0000	19
	37 2,2-Dichloropropane	77	3.213	3.213	(0.768)	85724	20.0000	18
	44 Cyclohexane	56	3.274	3.274	(0.783)	120968	20.0000	19
	40 Bromochloromethane	128	3.280	3.280	(0.784)	37430	20.0000	20
	42 Chloroform	83	3.347	3.347	(0.800)	123218	20.0000	19
	45 Carbon Tetrachloride	117	3.445	3.445	(0.824)	70853	20.0000	18
	39 Ethyl Acetate	70	3.457	3.457	(0.827)	20884	40.0000	39
	41 Tetrahydrofuran	42	3.476	3.476	(0.831)	39720	20.0000	18
	43 1,1,1-Trichloroethane	97	3.506	3.506	(0.838)	97300	20.0000	18
	46 1,1-Dichloropropene	75	3.604	3.604	(0.862)	95707	20.0000	18
	38 2-Butanone	72	3.604	3.604	(0.862)	15561	20.0000	20
	51 n-Heptane	57	3.793	3.793	(0.907)	46721	20.0000	18
	48 Benzene	78	3.811	3.811	(0.491)	303761	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	198494	50.0000	50
	50 t-Amyl-methyl-ether	73	3.939	3.939	(0.942)	192596	20.0000	18
	49 1,2-Dichloroethane	62	3.994	3.994	(0.955)	90980	20.0000	19
*	52 Fluorobenzene	96	4.183	4.183	(1.000)	901271	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.017)	295561	40.0000	38
	56 Methyl cyclohexane	83	4.323	4.323	(1.034)	123894	20.0000	19
	54 Trichloroethene	95	4.341	4.341	(1.038)	78852	20.0000	19
	53 n-Butanol	56	4.731	4.731	(1.131)	224161	1500.00	1400
	58 Dibromomethane	93	4.744	4.744	(1.134)	47027	20.0000	20
	57 1,2-Dichloropropane	63	4.847	4.847	(1.159)	79557	20.0000	19
	55 Ethyl Acrylate	55	4.914	4.914	(1.175)	106616	20.0000	18
	68 Bromodichloromethane	83	4.920	4.920	(1.176)	88876	20.0000	18
	59 Methyl Methacrylate	100	5.128	5.128	(1.226)	23057	20.0000	19
	60 1,4-Dioxane	88	5.158	5.158	(1.233)	11353	150.000	150
	75 Propyl Acetate	43	5.286	5.286	(1.264)	248625	40.0000	38
	62 2-Chloroethyl Vinyl Ether	63	5.573	5.573	(1.332)	40946	20.0000	16
	67 cis-1,3-Dichloropropene	75	5.609	5.609	(0.723)	114342	20.0000	19
$	65 Toluene-d8 (SUR)	98	5.817	5.817	(0.749)	702295	50.0000	51
	66 Toluene	91	5.871	5.871	(0.756)	335399	20.0000	19
	63 Epichlorohydrin	57	5.902	5.902	(0.760)	195082	400.000	400
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	72455	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54971.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
70	4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	83273	20.0000	19
64	trans-1,3-Dichloropropene	75	6.390	6.390	(0.823)	104671	20.0000	19
69	1,1,2-Trichloroethane	83	6.579	6.579	(0.848)	60150	20.0000	19
74	Dibromochloromethane	129	6.786	6.786	(0.874)	67509	20.0000	19
72	1,3-Dichloropropane	76	6.908	6.908	(0.890)	123868	20.0000	20
77	1,2-Dibromoethane	107	7.054	7.054	(0.909)	72100	20.0000	19
76	Butyl Acetate	73	7.377	7.377	(0.950)	45412	40.0000	38
73	2-Hexanone	43	7.463	7.463	(0.962)	66728	20.0000	20
* 78	Chlorobenzene-d5	117	7.761	7.761	(1.000)	660983	50.0000	
79	Chlorobenzene	112	7.786	7.786	(1.003)	211803	20.0000	19
81	Ethylbenzene	106	7.865	7.865	(1.013)	111596	20.0000	19
80	1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.017)	67752	20.0000	19
82	m+p-Xylene	106	8.084	8.084	(1.042)	273017	40.0000	38
84	o-Xylene	106	8.688	8.688	(1.119)	131656	20.0000	19
86	Bromoform	173	8.755	8.755	(1.128)	45692	20.0000	19
85	Styrene	104	8.779	8.779	(1.131)	229780	20.0000	20
87	Amyl Acetate	43	8.816	8.816	(0.777)	42192	20.0000	18
83	Butyl Acrylate	73	9.090	9.090	(1.171)	54530	20.0000	18
88	Isopropylbenzene	105	9.188	9.188	(1.184)	353544	20.0000	20
90	Camphene (total)	41	9.310	9.310	(1.200)	24171	20.0000	19
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	223751	50.0000	50
91	Bromobenzene	156	9.694	9.694	(0.854)	89571	20.0000	19
95	n-Propylbenzene	91	9.834	9.834	(0.867)	424762	20.0000	19
92	1,1,2,2-Tetrachloroethane	83	9.968	9.968	(0.879)	103366	20.0000	19
96	2-Chlorotoluene	91	10.017	10.017	(0.883)	254988	20.0000	19
93	1,2,3-Trichloropropane	110	10.127	10.127	(0.893)	30877	20.0000	19
97	1,3,5-Trimethylbenzene	105	10.182	10.182	(0.897)	299890	20.0000	19
94	trans-1,4-Dichloro-2-butene	53	10.242	10.242	(0.903)	25491	20.0000	19
98	4-Chlorotoluene	91	10.291	10.291	(0.907)	268989	20.0000	19
100	tert-Butylbenzene	119	10.669	10.669	(0.940)	254047	20.0000	19
99	Butyl Methacrylate	87	10.779	10.779	(0.950)	94074	20.0000	16
101	1,2,4-Trimethylbenzene	105	10.791	10.791	(0.951)	314533	20.0000	20
103	sec-Butylbenzene	105	10.962	10.962	(0.966)	392396	20.0000	20
105	1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	178097	20.0000	19
107	p-Isopropyltoluene	119	11.230	11.230	(0.990)	329383	20.0000	19
* 108	1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	344015	50.0000	
109	1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	182071	20.0000	19
104	2-Octanol	45	11.474	11.474	(1.011)	12483	20.0000	13
102	2-Octanone	43	11.657	11.657	(1.027)	114132	20.0000	19
110	Benzyl Chloride	91	11.748	11.748	(1.035)	159520	20.0000	18
106	n-Butylbenzene	91	11.821	11.821	(1.042)	317165	20.0000	20
111	1,2-Dichlorobenzene	146	11.919	11.919	(1.050)	178050	20.0000	19
112	1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	18503	20.0000	18
114	1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	115695	20.0000	19
115	Hexachlorobutadiene	225	13.522	13.522	(1.192)	47524	20.0000	19
113	Camphor	95	13.766	13.766	(1.213)	37306	100.000	71
116	Naphthalene	128	13.803	13.803	(1.217)	300358	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54971.d
Report Date: 06-Mar-2012 16:52

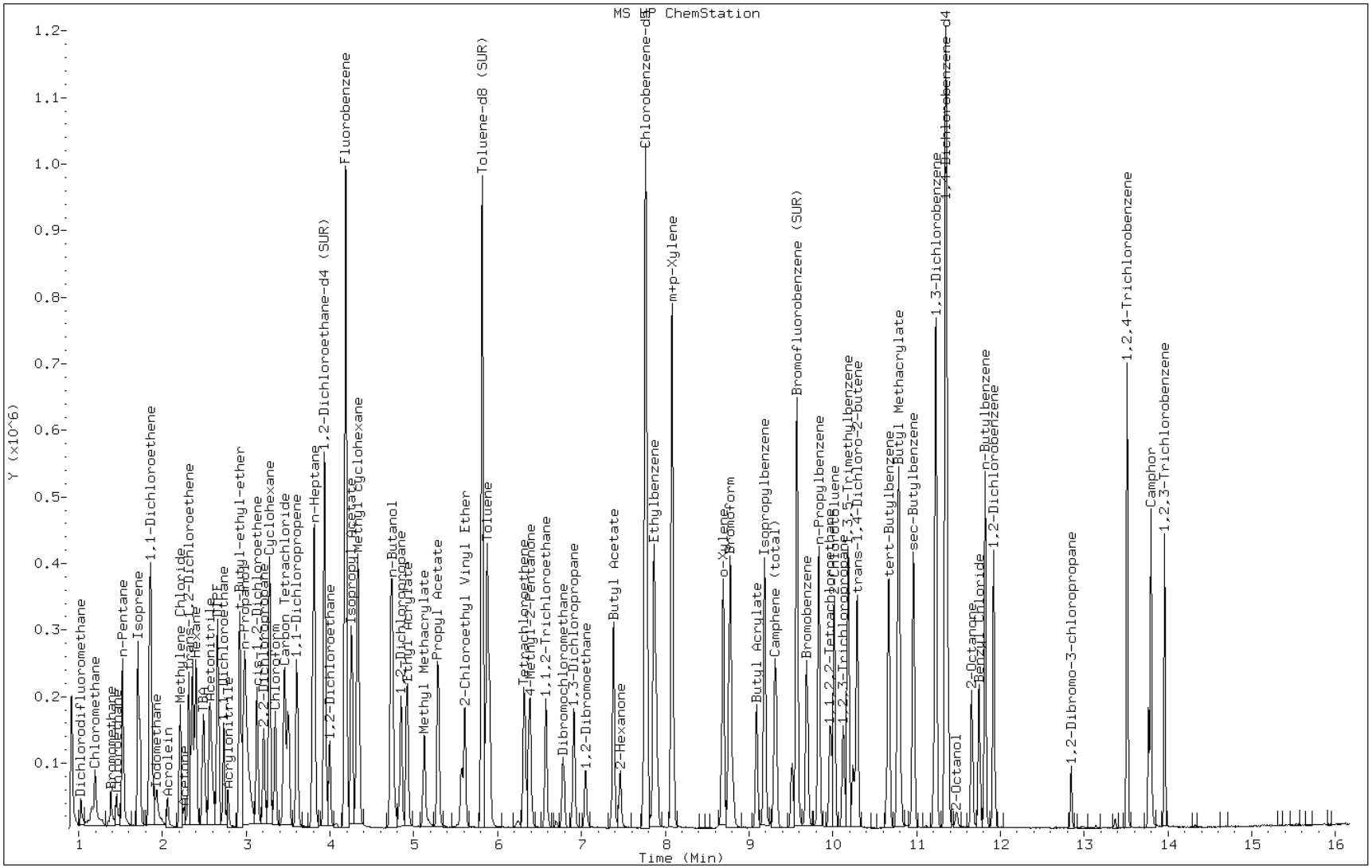
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	104532	20.0000	19
M 120 1,2-Dichloroethene (Total)	100				144043	40.0000	37
M 121 Xylene (Total)	100				404673	60.0000	57

Data File: p54971.d

Date: 28-FEB-2012 03:25

Client ID: Instrument: VOAMS13.i

Sample Info: ICIS-VMCAL3 Operator:



Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54972.d
Report Date: 06-Mar-2012 16:52

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54972.d
Lab Smp Id: IC-VMCAL4
Inj Date : 28-FEB-2012 03:49
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/8260_09.m
Meth Date : 06-Mar-2012 16:52 vibha Quant Type: ISTD
Cal Date : 28-FEB-2012 03:49 Cal File: p54972.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	142247	50.0000	49
3 Chloromethane	50	1.195	1.195	(0.285)	188210	50.0000	50
4 Vinyl Chloride	62	1.195	1.195	(0.285)	210893	50.0000	50
6 Bromomethane	94	1.384	1.384	(0.330)	74721	50.0000	37
5 Chloroethane	64	1.451	1.451	(0.346)	89266	50.0000	48
8 n-Pentane	72	1.525	1.525	(0.364)	19104	50.0000	45
7 Trichlorofluoromethane	101	1.525	1.525	(0.364)	231718	50.0000	51
10 Isoprene	67	1.707	1.707	(0.408)	226693	50.0000	49
11 Ethyl Ether	59	1.732	1.732	(0.413)	148981	50.0000	49
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	155166	50.0000	51
9 Ethanol	46	1.848	1.848	(0.441)	131643	4000.00	4100
18 Carbon Disulfide	76	1.854	1.854	(0.443)	449039	50.0000	50
14 Freon TF	101	1.866	1.866	(0.445)	156626	50.0000	50
17 Iodomethane	142	1.933	1.933	(0.461)	131515	50.0000	35
13 Acrolein	56	2.061	2.061	(0.492)	73556	100.000	97
22 Methylene Chloride	84	2.207	2.207	(0.527)	195482	50.0000	50

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54972.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.256	2.256	(0.539)	69429	50.0000	50
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	184299	50.0000	51
	27 Methyl Acetate	74	2.335	2.335	(0.558)	59336	50.0000	51
	29 Hexane	86	2.360	2.360	(0.563)	42683	50.0000	51
	28 MTBE	73	2.396	2.396	(0.572)	545615	50.0000	50
	24 TBA	59	2.488	2.488	(0.594)	559803	1000.00	1000
	21 Acetonitrile	39	2.567	2.567	(0.613)	117708	1000.00	990
	32 DIPE	45	2.659	2.659	(0.635)	614420	50.0000	51
	31 Vinyl Acetate	43	2.659	2.659	(0.635)	285338	50.0000	50
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	339562	50.0000	51
	26 Acrylonitrile	53	2.780	2.780	(0.664)	91918	50.0000	49
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.697)	549165	50.0000	50
	34 n-Propanol	42	2.982	2.982	(0.712)	154656	4000.00	4200
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	203529	50.0000	51
	37 2,2-Dichloropropane	77	3.213	3.213	(0.767)	232431	50.0000	50
	44 Cyclohexane	56	3.274	3.274	(0.782)	317965	50.0000	50
	40 Bromochloromethane	128	3.280	3.280	(0.783)	97430	50.0000	52
	42 Chloroform	83	3.347	3.347	(0.799)	323563	50.0000	51
	45 Carbon Tetrachloride	117	3.445	3.445	(0.822)	203346	50.0000	52
	39 Ethyl Acetate	70	3.463	3.463	(0.827)	53749	100.000	100
	41 Tetrahydrofuran	42	3.475	3.475	(0.830)	105336	50.0000	49
	43 1,1,1-Trichloroethane	97	3.506	3.506	(0.837)	271176	50.0000	52
	46 1,1-Dichloropropene	75	3.603	3.603	(0.860)	265335	50.0000	52
	38 2-Butanone	72	3.603	3.603	(0.860)	38675	50.0000	49
	51 n-Heptane	57	3.799	3.799	(0.907)	124335	50.0000	50
	48 Benzene	78	3.811	3.811	(0.491)	810433	50.0000	51
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	194756	50.0000	49
	50 t-Amyl-methyl-ether	73	3.939	3.939	(0.940)	517539	50.0000	50
	49 1,2-Dichloroethane	62	3.994	3.994	(0.953)	237110	50.0000	50
*	52 Fluorobenzene	96	4.189	4.189	(1.000)	890258	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.016)	785107	100.000	100
	56 Methyl cyclohexane	83	4.323	4.323	(1.032)	326505	50.0000	51
	54 Trichloroethene	95	4.341	4.341	(1.036)	206132	50.0000	50
	53 n-Butanol	56	4.731	4.731	(1.130)	344560	2000.00	2100
	58 Dibromomethane	93	4.743	4.743	(1.132)	123804	50.0000	52
	57 1,2-Dichloropropane	63	4.847	4.847	(1.157)	208193	50.0000	51
	55 Ethyl Acrylate	55	4.914	4.914	(1.173)	292677	50.0000	51
	68 Bromodichloromethane	83	4.926	4.926	(1.176)	242735	50.0000	51
	59 Methyl Methacrylate	100	5.128	5.128	(1.224)	62090	50.0000	51
	60 1,4-Dioxane	88	5.158	5.158	(1.231)	16979	200.000	230
	75 Propyl Acetate	43	5.286	5.286	(1.262)	660363	100.000	100
	62 2-Chloroethyl Vinyl Ether	63	5.573	5.573	(1.330)	117620	50.0000	46
	67 cis-1,3-Dichloropropene	75	5.609	5.609	(0.723)	315020	50.0000	52
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	693606	50.0000	50
	66 Toluene	91	5.871	5.871	(0.756)	880995	50.0000	49
	63 Epichlorohydrin	57	5.902	5.902	(0.760)	508340	1000.00	1000
	71 Tetrachloroethene	166	6.322	6.322	(0.815)	195999	50.0000	50

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54972.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
70	4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	219821	50.0000	50
64	trans-1,3-Dichloropropene	75	6.389	6.389	(0.823)	286622	50.0000	52
69	1,1,2-Trichloroethane	83	6.578	6.578	(0.848)	159260	50.0000	52
74	Dibromochloromethane	129	6.786	6.786	(0.874)	186341	50.0000	52
72	1,3-Dichloropropane	76	6.914	6.914	(0.891)	328658	50.0000	52
77	1,2-Dibromoethane	107	7.054	7.054	(0.909)	193525	50.0000	52
76	Butyl Acetate	73	7.383	7.383	(0.951)	122892	100.000	100
73	2-Hexanone	43	7.462	7.462	(0.962)	175892	50.0000	52
* 78	Chlorobenzene-d5	117	7.761	7.761	(1.000)	659770	50.0000	
79	Chlorobenzene	112	7.786	7.786	(1.003)	561628	50.0000	51
81	Ethylbenzene	106	7.865	7.865	(1.013)	302239	50.0000	51
80	1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.017)	181565	50.0000	52
82	m+p-Xylene	106	8.084	8.084	(1.042)	742587	100.000	100
84	o-Xylene	106	8.694	8.694	(1.120)	357431	50.0000	52
86	Bromoform	173	8.755	8.755	(1.128)	126644	50.0000	52
85	Styrene	104	8.779	8.779	(1.131)	619936	50.0000	53
87	Amyl Acetate	43	8.810	8.810	(0.776)	112446	50.0000	49
83	Butyl Acrylate	73	9.090	9.090	(1.171)	152529	50.0000	51
88	Isopropylbenzene	105	9.188	9.188	(1.184)	950831	50.0000	53
90	Camphene (total)	41	9.316	9.316	(1.200)	64490	50.0000	50
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	221877	50.0000	50
91	Bromobenzene	156	9.694	9.694	(0.854)	236136	50.0000	50
95	n-Propylbenzene	91	9.834	9.834	(0.867)	1150646	50.0000	52
92	1,1,2,2-Tetrachloroethane	83	9.968	9.968	(0.879)	268358	50.0000	51
96	2-Chlorotoluene	91	10.017	10.017	(0.883)	672265	50.0000	51
93	1,2,3-Trichloropropane	110	10.127	10.127	(0.893)	80340	50.0000	50
97	1,3,5-Trimethylbenzene	105	10.181	10.181	(0.897)	802124	50.0000	52
94	trans-1,4-Dichloro-2-butene	53	10.248	10.248	(0.903)	64022	50.0000	48
98	4-Chlorotoluene	91	10.291	10.291	(0.907)	719054	50.0000	51
100	tert-Butylbenzene	119	10.669	10.669	(0.940)	683056	50.0000	52
99	Butyl Methacrylate	87	10.779	10.779	(0.950)	262294	50.0000	46
101	1,2,4-Trimethylbenzene	105	10.791	10.791	(0.951)	841360	50.0000	53
103	sec-Butylbenzene	105	10.962	10.962	(0.966)	1047213	50.0000	52
105	1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	466373	50.0000	49
107	p-Isopropyltoluene	119	11.230	11.230	(0.990)	884876	50.0000	52
* 108	1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	342399	50.0000	
109	1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	471454	50.0000	48
104	2-Octanol	45	11.474	11.474	(1.011)	39267	50.0000	41
102	2-Octanone	43	11.657	11.657	(1.027)	315493	50.0000	53
110	Benzyl Chloride	91	11.748	11.748	(1.035)	437802	50.0000	51
106	n-Butylbenzene	91	11.821	11.821	(1.042)	845106	50.0000	53
111	1,2-Dichlorobenzene	146	11.925	11.925	(1.051)	454674	50.0000	50
112	1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	51722	50.0000	51
114	1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	318580	50.0000	52
115	Hexachlorobutadiene	225	13.522	13.522	(1.192)	129491	50.0000	52
113	Camphor	95	13.766	13.766	(1.213)	116892	250.000	220
116	Naphthalene	128	13.797	13.797	(1.216)	850141	50.0000	55

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54972.d
Report Date: 06-Mar-2012 16:52

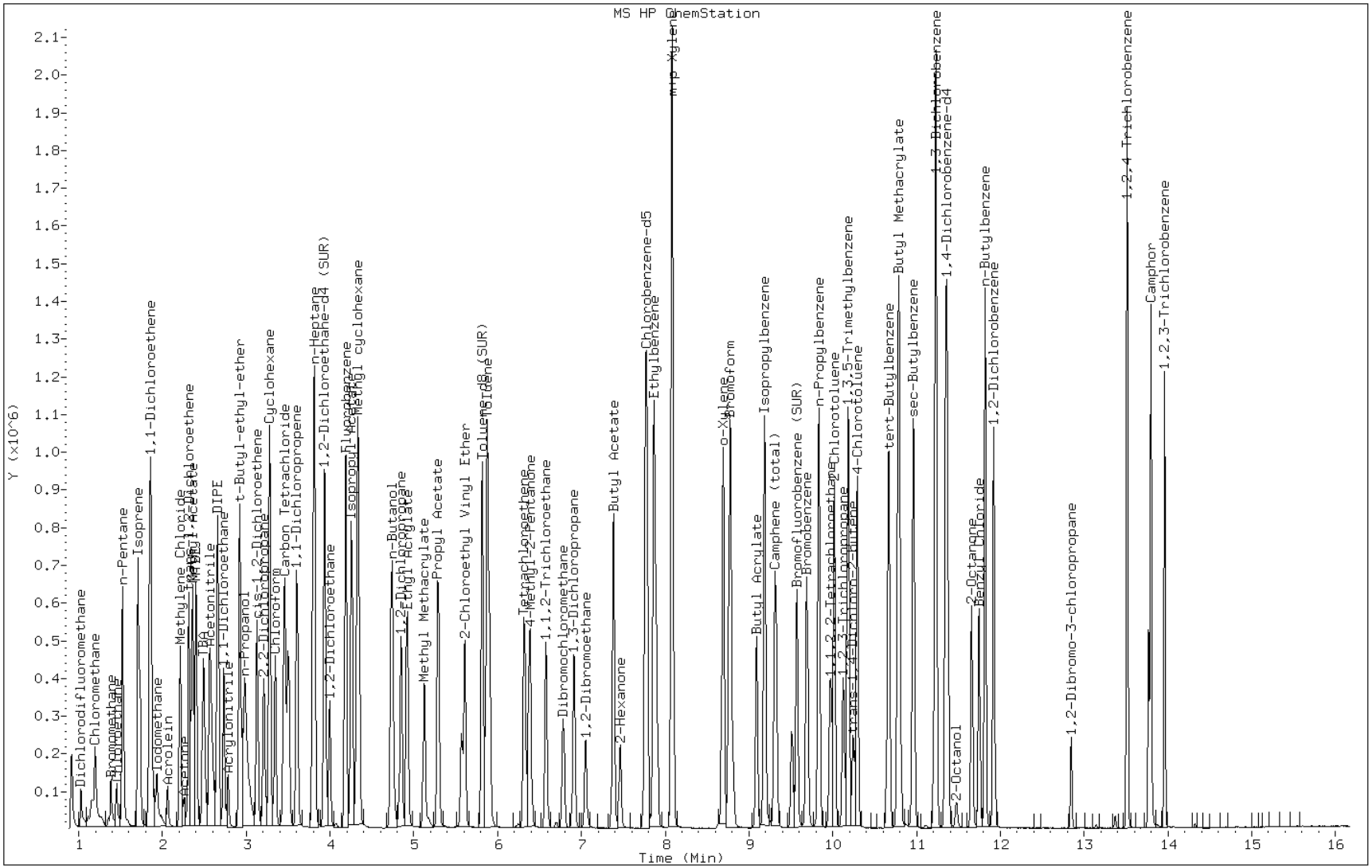
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	280877	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				387828	100.000	100
M 121 Xylene (Total)	100				1100018	150.000	160

Data File: p54972.d

Date: 28-FEB-2012 03:49

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL4 Operator:



Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54973.d
Report Date: 06-Mar-2012 16:52

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54973.d
Lab Smp Id: IC-VMCAL5
Inj Date : 28-FEB-2012 04:14
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/8260_09.m
Meth Date : 06-Mar-2012 16:52 vibha Quant Type: ISTD
Cal Date : 28-FEB-2012 04:14 Cal File: p54973.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	574654	200.000	190
3 Chloromethane	50	1.195	1.195	(0.285)	745428	200.000	190
4 Vinyl Chloride	62	1.195	1.195	(0.285)	872039	200.000	200
6 Bromomethane	94	1.384	1.384	(0.330)	354557	200.000	170
5 Chloroethane	64	1.451	1.451	(0.346)	373941	200.000	200
8 n-Pentane	72	1.525	1.525	(0.364)	77134	200.000	180
7 Trichlorofluoromethane	101	1.531	1.531	(0.365)	969379	200.000	210
10 Isoprene	67	1.707	1.707	(0.408)	949218	200.000	200
11 Ethyl Ether	59	1.732	1.732	(0.413)	612042	200.000	200
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	638985	200.000	200
9 Ethanol	46	1.854	1.854	(0.443)	169911	5000.00	5200
18 Carbon Disulfide	76	1.854	1.854	(0.443)	1964900	200.000	210
14 Freon TF	101	1.866	1.866	(0.445)	640927	200.000	200
17 Iodomethane	142	1.933	1.933	(0.461)	732761	200.000	190
13 Acrolein	56	2.061	2.061	(0.492)	152827	200.000	200
22 Methylene Chloride	84	2.213	2.213	(0.528)	788032	200.000	200

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54973.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.256	2.256	(0.539)	283209	200.000	200
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	753747	200.000	200
	27 Methyl Acetate	74	2.335	2.335	(0.558)	250528	200.000	210
	29 Hexane	86	2.366	2.366	(0.565)	178405	200.000	210
	28 MTBE	73	2.396	2.396	(0.572)	2303273	200.000	210
	24 TBA	59	2.488	2.488	(0.594)	2476615	4000.00	4300
	21 Acetonitrile	39	2.567	2.567	(0.613)	481470	4000.00	4000
	32 DIPE	45	2.658	2.658	(0.635)	2566389	200.000	210
	31 Vinyl Acetate	43	2.658	2.658	(0.635)	1173145	200.000	200
	30 1,1-Dichloroethane	63	2.738	2.738	(0.654)	1382185	200.000	200
	26 Acrylonitrile	53	2.780	2.780	(0.664)	191582	100.000	100
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.697)	2336796	200.000	210
	34 n-Propanol	42	2.988	2.988	(0.713)	196671	5000.00	5200(A)
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	838065	200.000	200
	37 2,2-Dichloropropane	77	3.213	3.213	(0.767)	970762	200.000	200
	44 Cyclohexane	56	3.280	3.280	(0.783)	1328561	200.000	200
	40 Bromochloromethane	128	3.286	3.286	(0.785)	394160	200.000	200
	42 Chloroform	83	3.347	3.347	(0.799)	1320768	200.000	200
	45 Carbon Tetrachloride	117	3.445	3.445	(0.822)	896582	200.000	220
	39 Ethyl Acetate	70	3.463	3.463	(0.827)	235908	400.000	440
	41 Tetrahydrofuran	42	3.475	3.475	(0.830)	444969	200.000	200
	43 1,1,1-Trichloroethane	97	3.506	3.506	(0.837)	1126587	200.000	210
	46 1,1-Dichloropropene	75	3.603	3.603	(0.860)	1098537	200.000	210
	38 2-Butanone	72	3.610	3.610	(0.862)	166701	200.000	210
	51 n-Heptane	57	3.799	3.799	(0.907)	530226	200.000	210
	48 Benzene	78	3.817	3.817	(0.491)	3320303	200.000	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	201144	50.0000	50
	50 t-Amyl-methyl-ether	73	3.939	3.939	(0.940)	2242405	200.000	210(A)
	49 1,2-Dichloroethane	62	3.994	3.994	(0.953)	957686	200.000	200
*	52 Fluorobenzene	96	4.189	4.189	(1.000)	910542	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.016)	3428052	400.000	440(A)
	56 Methyl cyclohexane	83	4.329	4.329	(1.033)	1365205	200.000	210
	54 Trichloroethene	95	4.341	4.341	(1.036)	850390	200.000	200
	53 n-Butanol	56	4.737	4.737	(1.131)	461511	2500.00	2800
	58 Dibromomethane	93	4.743	4.743	(1.132)	505114	200.000	210
	57 1,2-Dichloropropane	63	4.847	4.847	(1.157)	859151	200.000	200
	55 Ethyl Acrylate	55	4.914	4.914	(1.173)	1265057	200.000	220(A)
	68 Bromodichloromethane	83	4.926	4.926	(1.176)	1014711	200.000	210
	59 Methyl Methacrylate	100	5.128	5.128	(1.224)	275387	200.000	220(A)
	60 1,4-Dioxane	88	5.152	5.152	(1.230)	20408	250.000	270
	75 Propyl Acetate	43	5.292	5.292	(1.263)	2877205	400.000	440
	62 2-Chloroethyl Vinyl Ether	63	5.573	5.573	(1.330)	529867	200.000	200(A)
	67 cis-1,3-Dichloropropene	75	5.609	5.609	(0.722)	1329130	200.000	210
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	710181	50.0000	50
	66 Toluene	91	5.877	5.877	(0.757)	3605236	200.000	200
	63 Epichlorohydrin	57	5.908	5.908	(0.761)	2158973	4000.00	4300
	71 Tetrachloroethene	166	6.322	6.322	(0.814)	810216	200.000	200

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54973.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
70	4-Methyl-2-Pentanone	43	6.365	6.365	(0.819)	963568	200.000	210
64	trans-1,3-Dichloropropene	75	6.396	6.396	(0.823)	1235539	200.000	220
69	1,1,2-Trichloroethane	83	6.578	6.578	(0.847)	660558	200.000	210
74	Dibromochloromethane	129	6.786	6.786	(0.874)	815161	200.000	220
72	1,3-Dichloropropane	76	6.914	6.914	(0.890)	1357207	200.000	210
77	1,2-Dibromoethane	107	7.054	7.054	(0.908)	810515	200.000	210
76	Butyl Acetate	73	7.383	7.383	(0.951)	548088	400.000	450
73	2-Hexanone	43	7.462	7.462	(0.961)	738024	200.000	210
* 78	Chlorobenzene-d5	117	7.767	7.767	(1.000)	679544	50.0000	
79	Chlorobenzene	112	7.786	7.786	(1.002)	2322915	200.000	200
81	Ethylbenzene	106	7.871	7.871	(1.013)	1262909	200.000	210
80	1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.016)	769222	200.000	210
82	m+p-Xylene	106	8.090	8.090	(1.042)	3088661	400.000	420
84	o-Xylene	106	8.694	8.694	(1.119)	1502693	200.000	210
86	Bromoform	173	8.761	8.761	(1.128)	566303	200.000	220
85	Styrene	104	8.779	8.779	(1.130)	2578416	200.000	210
87	Amyl Acetate	43	8.810	8.810	(0.776)	495158	200.000	220
83	Butyl Acrylate	73	9.096	9.096	(1.171)	681786	200.000	220
88	Isopropylbenzene	105	9.194	9.194	(1.184)	3929587	200.000	210(A)
90	Camphene (total)	41	9.316	9.316	(1.199)	274743	200.000	210
$ 89	Bromofluorobenzene (SUR)	174	9.578	9.578	(0.844)	228760	50.0000	51
91	Bromobenzene	156	9.694	9.694	(0.854)	971158	200.000	200
95	n-Propylbenzene	91	9.840	9.840	(0.867)	4748669	200.000	210(A)
92	1,1,2,2-Tetrachloroethane	83	9.974	9.974	(0.879)	1102129	200.000	210
96	2-Chlorotoluene	91	10.023	10.023	(0.883)	2763076	200.000	210
93	1,2,3-Trichloropropane	110	10.127	10.127	(0.892)	334642	200.000	200
97	1,3,5-Trimethylbenzene	105	10.188	10.188	(0.897)	3349595	200.000	220
94	trans-1,4-Dichloro-2-butene	53	10.248	10.248	(0.903)	281936	200.000	210
98	4-Chlorotoluene	91	10.297	10.297	(0.907)	2940841	200.000	210
100	tert-Butylbenzene	119	10.669	10.669	(0.940)	2856731	200.000	220
99	Butyl Methacrylate	87	10.779	10.779	(0.950)	1192951	200.000	200
101	1,2,4-Trimethylbenzene	105	10.797	10.797	(0.951)	3426270	200.000	210
103	sec-Butylbenzene	105	10.968	10.968	(0.966)	4298242	200.000	210(A)
105	1,3-Dichlorobenzene	146	11.230	11.230	(0.989)	1898346	200.000	200
107	p-Isopropyltoluene	119	11.236	11.236	(0.990)	3685558	200.000	220
* 108	1,4-Dichlorobenzene-d4	152	11.352	11.352	(1.000)	344629	50.0000	
109	1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	1915408	200.000	200
104	2-Octanol	45	11.474	11.474	(1.011)	192868	200.000	200(A)
102	2-Octanone	43	11.657	11.657	(1.027)	1321277	200.000	220
110	Benzyl Chloride	91	11.748	11.748	(1.035)	1980248	200.000	230
106	n-Butylbenzene	91	11.821	11.821	(1.041)	3432018	200.000	210
111	1,2-Dichlorobenzene	146	11.925	11.925	(1.050)	1832812	200.000	200
112	1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	224799	200.000	220
114	1,2,4-Trichlorobenzene	180	13.516	13.516	(1.191)	1339787	200.000	220
115	Hexachlorobutadiene	225	13.522	13.522	(1.191)	534669	200.000	210(A)
113	Camphor	95	13.772	13.772	(1.213)	558858	1000.00	1000(A)
116	Naphthalene	128	13.803	13.803	(1.216)	3553783	200.000	230

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54973.d
Report Date: 06-Mar-2012 16:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	1159250	200.000	210
M 120 1,2-Dichloroethene (Total)	100				1591812	400.000	410
M 121 Xylene (Total)	100				4591354	600.000	630

QC Flag Legend

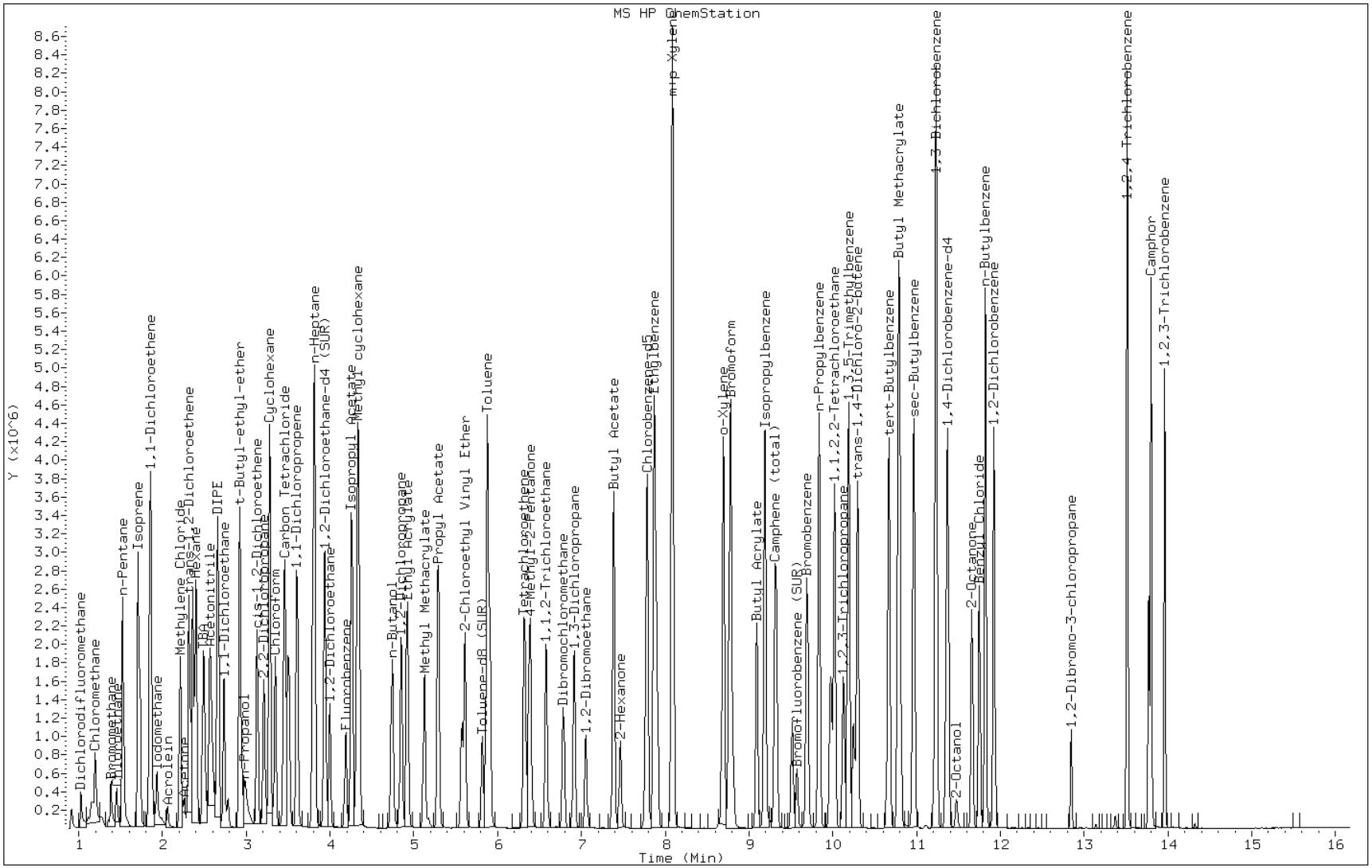
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: p54973.d

Date: 28-FEB-2012 04:14

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL5 Operator:



Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54974.d
Report Date: 06-Mar-2012 16:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54974.d
Lab Smp Id: IC-VMCAL6
Inj Date : 28-FEB-2012 04:38
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/8260_09.m
Meth Date : 06-Mar-2012 16:52 vibha Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 9 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	1444860	500.000	490
3 Chloromethane	50	1.165	1.165	(0.278)	1961927	500.000	510(A)
4 Vinyl Chloride	62	1.195	1.195	(0.285)	2199542	500.000	520(A)
6 Bromomethane	94	1.384	1.384	(0.330)	1059586	500.000	510(A)
5 Chloroethane	64	1.451	1.451	(0.346)	936770	500.000	500(A)
8 n-Pentane	72	1.525	1.525	(0.364)	199229	500.000	460(A)
7 Trichlorofluoromethane	101	1.531	1.531	(0.365)	2459827	500.000	530(A)
10 Isoprene	67	1.707	1.707	(0.408)	2391437	500.000	500(A)
11 Ethyl Ether	59	1.732	1.732	(0.413)	1533672	500.000	490
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	1595901	500.000	510(A)
9 Ethanol	46	1.854	1.854	(0.443)	218532	6000.00	6700(A)
18 Carbon Disulfide	76	1.860	1.860	(0.444)	5094493	500.000	550(A)
14 Freon TF	101	1.866	1.866	(0.445)	1623882	500.000	520(A)
17 Iodomethane	142	1.933	1.933	(0.461)	1917190	500.000	500(A)
13 Acrolein	56	2.061	2.061	(0.492)	308365	400.000	400
22 Methylene Chloride	84	2.213	2.213	(0.528)	1933990	500.000	490

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54974.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.256	2.256	(0.539)	698250	500.000	500
	25 trans-1,2-Dichloroethene	96	2.317	2.317	(0.553)	1878395	500.000	510(A)
	27 Methyl Acetate	74	2.335	2.335	(0.558)	623913	500.000	530(A)
	29 Hexane	86	2.366	2.366	(0.565)	461478	500.000	540(A)
	28 MTBE	73	2.396	2.396	(0.572)	5826311	500.000	530(A)
	24 TBA	59	2.494	2.494	(0.595)	6305895	10000.0	11000(A)
	21 Acetonitrile	39	2.573	2.573	(0.614)	1224755	10000.0	10000(A)
	32 DIPE	45	2.665	2.665	(0.636)	6470592	500.000	530(A)
	31 Vinyl Acetate	43	2.665	2.665	(0.636)	2941580	500.000	500(A)
	30 1,1-Dichloroethane	63	2.738	2.738	(0.654)	3470212	500.000	520(A)
	26 Acrylonitrile	53	2.780	2.780	(0.664)	378915	200.000	200
	35 t-Butyl-ethyl-ether	59	2.927	2.927	(0.699)	6011226	500.000	540(A)
	34 n-Propanol	42	2.988	2.988	(0.713)	239989	6000.00	6400(A)
	36 cis-1,2-Dichloroethene	96	3.134	3.134	(0.748)	2077801	500.000	510(A)
	37 2,2-Dichloropropane	77	3.213	3.213	(0.767)	2422303	500.000	510(A)
	44 Cyclohexane	56	3.280	3.280	(0.783)	3350944	500.000	520(A)
	40 Bromochloromethane	128	3.286	3.286	(0.785)	960699	500.000	500(A)
	42 Chloroform	83	3.347	3.347	(0.799)	3279317	500.000	510(A)
	45 Carbon Tetrachloride	117	3.445	3.445	(0.822)	2260756	500.000	570(A)
	39 Ethyl Acetate	70	3.463	3.463	(0.827)	594137	1000.00	1100(A)
	41 Tetrahydrofuran	42	3.475	3.475	(0.830)	1105921	500.000	510(A)
	43 1,1,1-Trichloroethane	97	3.506	3.506	(0.837)	2794572	500.000	520(A)
	46 1,1-Dichloropropene	75	3.610	3.610	(0.862)	2728983	500.000	520(A)
	38 2-Butanone	72	3.610	3.610	(0.862)	418428	500.000	520(A)
	51 n-Heptane	57	3.799	3.799	(0.907)	1372631	500.000	540(A)
	48 Benzene	78	3.817	3.817	(0.491)	8139238	500.000	500
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.939	3.939	(0.940)	205943	50.0000	51
	50 t-Amyl-methyl-ether	73	3.939	3.939	(0.940)	5753615	500.000	550(A)
	49 1,2-Dichloroethane	62	4.000	4.000	(0.955)	2346301	500.000	490
*	52 Fluorobenzene	96	4.189	4.189	(1.000)	904938	50.0000	
	61 Isopropyl Acetate	43	4.262	4.262	(1.017)	8652024	1000.00	1100(A)
	56 Methyl cyclohexane	83	4.329	4.329	(1.033)	3492776	500.000	540(A)
	54 Trichloroethene	95	4.347	4.347	(1.038)	2106771	500.000	500(A)
	53 n-Butanol	56	4.737	4.737	(1.131)	560623	3000.00	3400(A)
	58 Dibromomethane	93	4.743	4.743	(1.132)	1213308	500.000	500(A)
	57 1,2-Dichloropropane	63	4.853	4.853	(1.159)	2145601	500.000	520(A)
	55 Ethyl Acrylate	55	4.920	4.920	(1.175)	3195102	500.000	550(A)
	68 Bromodichloromethane	83	4.926	4.926	(1.176)	2560524	500.000	530(A)
	59 Methyl Methacrylate	100	5.128	5.128	(1.224)	693341	500.000	560(A)
	60 1,4-Dioxane	88	5.158	5.158	(1.231)	23691	300.000	310(A)
	75 Propyl Acetate	43	5.292	5.292	(1.263)	7189856	1000.00	1100(A)
	62 2-Chloroethyl Vinyl Ether	63	5.579	5.579	(1.332)	1385425	500.000	530(A)
	67 cis-1,3-Dichloropropene	75	5.615	5.615	(0.723)	3375348	500.000	540(A)
$	65 Toluene-d8 (SUR)	98	5.822	5.822	(0.750)	726837	50.0000	50
	66 Toluene	91	5.883	5.883	(0.757)	8951395	500.000	480
	63 Epichlorohydrin	57	5.920	5.920	(0.762)	5411547	10000.0	10000(A)
	71 Tetrachloroethene	166	6.322	6.322	(0.814)	2040318	500.000	500

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54974.d
Report Date: 06-Mar-2012 16:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
70	4-Methyl-2-Pentanone	43	6.371	6.371	(0.820)	2420873	500.000	530(A)
64	trans-1,3-Dichloropropene	75	6.396	6.396	(0.823)	3173126	500.000	550(A)
69	1,1,2-Trichloroethane	83	6.585	6.585	(0.848)	1645643	500.000	510(A)
74	Dibromochloromethane	129	6.786	6.786	(0.874)	2105124	500.000	560(A)
72	1,3-Dichloropropane	76	6.920	6.920	(0.891)	3414597	500.000	520(A)
77	1,2-Dibromoethane	107	7.060	7.060	(0.909)	2036947	500.000	520(A)
76	Butyl Acetate	73	7.389	7.389	(0.951)	1416410	1000.00	1100(A)
73	2-Hexanone	43	7.469	7.469	(0.962)	1824541	500.000	510(A)
* 78	Chlorobenzene-d5	117	7.767	7.767	(1.000)	688831	50.0000	
79	Chlorobenzene	112	7.792	7.792	(1.003)	5885445	500.000	510(A)
81	Ethylbenzene	106	7.877	7.877	(1.014)	3208764	500.000	520(A)
80	1,1,1,2-Tetrachloroethane	131	7.907	7.907	(1.018)	1994791	500.000	540(A)
82	m+p-Xylene	106	8.096	8.096	(1.042)	7821008	1000.00	1000(A)
84	o-Xylene	106	8.700	8.700	(1.120)	3833532	500.000	540(A)
86	Bromoform	173	8.767	8.767	(1.129)	1494241	500.000	580(A)
85	Styrene	104	8.785	8.785	(1.131)	6610979	500.000	540(A)
87	Amyl Acetate	43	8.816	8.816	(0.776)	1308043	500.000	560(A)
83	Butyl Acrylate	73	9.102	9.102	(1.172)	1767413	500.000	570(A)
88	Isopropylbenzene	105	9.200	9.200	(1.184)	10100419	500.000	540(A)
90	Camphene (total)	41	9.328	9.328	(1.201)	711318	500.000	530(A)
$ 89	Bromofluorobenzene (SUR)	174	9.578	9.578	(0.843)	233754	50.0000	51
91	Bromobenzene	156	9.700	9.700	(0.854)	2462424	500.000	510(A)
95	n-Propylbenzene	91	9.846	9.846	(0.867)	12064868	500.000	530(A)
92	1,1,2,2-Tetrachloroethane	83	9.980	9.980	(0.879)	2777102	500.000	510(A)
96	2-Chlorotoluene	91	10.029	10.029	(0.883)	6989546	500.000	520(A)
93	1,2,3-Trichloropropane	110	10.133	10.133	(0.892)	831252	500.000	500(A)
97	1,3,5-Trimethylbenzene	105	10.200	10.200	(0.898)	8537997	500.000	540(A)
94	trans-1,4-Dichloro-2-butene	53	10.255	10.255	(0.903)	727307	500.000	530(A)
98	4-Chlorotoluene	91	10.309	10.309	(0.908)	7427486	500.000	520(A)
100	tert-Butylbenzene	119	10.675	10.675	(0.940)	7251944	500.000	540(A)
99	Butyl Methacrylate	87	10.791	10.791	(0.950)	3122646	500.000	500
101	1,2,4-Trimethylbenzene	105	10.809	10.809	(0.952)	8709112	500.000	530(A)
103	sec-Butylbenzene	105	10.980	10.980	(0.967)	10899434	500.000	530(A)
105	1,3-Dichlorobenzene	146	11.236	11.236	(0.989)	4804047	500.000	490
107	p-Isopropyltoluene	119	11.248	11.248	(0.990)	9366247	500.000	540(A)
* 108	1,4-Dichlorobenzene-d4	152	11.358	11.358	(1.000)	349209	50.0000	
109	1,4-Dichlorobenzene	146	11.382	11.382	(1.002)	4839395	500.000	490
104	2-Octanol	45	11.480	11.480	(1.011)	654514	500.000	680(A)
102	2-Octanone	43	11.669	11.669	(1.027)	3368227	500.000	560(A)
110	Benzyl Chloride	91	11.754	11.754	(1.035)	5136944	500.000	580(A)
106	n-Butylbenzene	91	11.827	11.827	(1.041)	8509081	500.000	520(A)
111	1,2-Dichlorobenzene	146	11.931	11.931	(1.050)	4607856	500.000	490
112	1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.131)	570095	500.000	550(A)
114	1,2,4-Trichlorobenzene	180	13.516	13.516	(1.190)	3359157	500.000	530(A)
115	Hexachlorobutadiene	225	13.522	13.522	(1.191)	1314543	500.000	510(A)
113	Camphor	95	13.772	13.772	(1.213)	1530556	2500.00	2500(A)
116	Naphthalene	128	13.803	13.803	(1.215)	8943838	500.000	560(A)

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54974.d
Report Date: 06-Mar-2012 16:52

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.967	13.967	(1.230)	2887467	500.000	520(A)
M 120 1,2-Dichloroethene (Total)	100				3956196	1000.00	1000
M 121 Xylene (Total)	100				11654540	1500.00	1600

QC Flag Legend

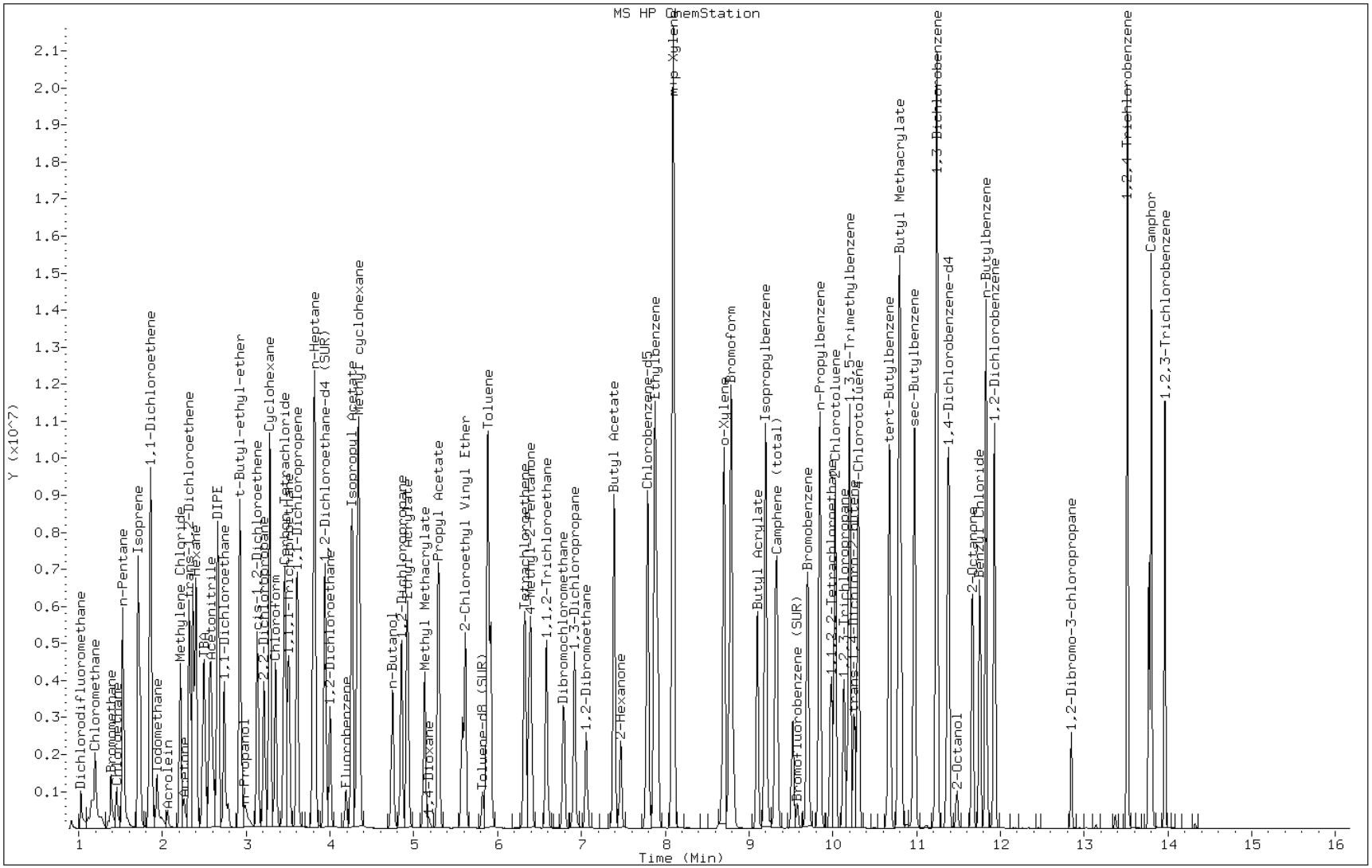
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: p54974.d

Date: 28-FEB-2012 04:38

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL6 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab Sample ID: CCVIS 460-108274/2 Calibration Date: 04/04/2012 21:56

Instrument ID: VOAMS13 Calib Start Date: 02/28/2012 02:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/28/2012 04:38

Lab File ID: p56431.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1624	0.2180		26.8	20.0	34.2	50.0
Chloromethane	Ave	0.2120	0.2440	0.1000	23.0	20.0	15.1	50.0
Vinyl chloride	Ave	0.2346	0.2630		22.4	20.0	12.1	20.0
Bromomethane	LinF	0.1058	0.0831		14.5	20.0	-27.5	50.0
Chloroethane	Ave	0.1035	0.1284		24.8	20.0	24.0	50.0
n-Pentane	Ave	0.0237	0.0223		18.8	20.0	-5.9	50.0
Trichlorofluoromethane	Ave	0.2567	0.2895		22.6	20.0	12.8	50.0
Isopropene	Ave	0.2615	0.2460		18.8	20.0	-5.9	50.0
Ethyl ether	Ave	0.1717	0.1711		19.9	20.0	-0.3	50.0
1,1-Dichloroethene	Ave	0.1712	0.1532		17.9	20.0	-10.5	20.0
Carbon disulfide	Ave	0.5093	0.5875		23.1	20.0	15.4	50.0
Freon TF	Ave	0.1739	0.1780		20.5	20.0	2.4	50.0
Ethanol	Ave	0.0018	0.0015		2520	3000	-16.0	50.0
Iodomethane	LinF	0.1349	0.0704		6.70	20.0	-66.5*	50.0
Acrolein	LinF	0.0468	0.0526		49.6	40.0	23.9	99.0
Methylene Chloride	Ave	0.2194	0.2242		20.4	20.0	2.2	50.0
Acetone	LinF	0.0853	0.0773		20.0	20.0	0.0	50.0
trans-1,2-Dichloroethene	Ave	0.2046	0.2053		20.1	20.0	0.4	50.0
Methyl acetate	Ave	0.0655	0.0516		15.8	20.0	-21.2	50.0
Hexane	Ave	0.0469	0.0479		20.4	20.0	2.1	50.0
MTBE	Ave	0.6119	0.6261		20.5	20.0	2.3	50.0
TBA	Ave	0.0313	0.0308		393	400	-1.7	50.0
Acetonitrile	Ave	0.0067	0.0056		337	400	-15.9	50.0
DIPE	Ave	0.6781	0.6937		20.5	20.0	2.3	50.0
Vinyl acetate	Ave	0.3224	0.3236		20.1	20.0	0.4	50.0
1,1-Dichloroethane	Ave	0.3720	0.3799	0.1000	20.4	20.0	2.1	50.0
Acrylonitrile	Ave	0.1045	0.1011		19.4	20.0	-3.2	50.0
Tert-butyl ethyl ether	Ave	0.6165	0.6348	0.0100	20.6	20.0	3.0	50.0
cis-1,2-Dichloroethene	Ave	0.2254	0.2441		21.7	20.0	8.3	50.0
2,2-Dichloropropane	Ave	0.2630	0.2956		22.5	20.0	12.4	50.0
Cyclohexane	Ave	0.3547	0.3441		19.4	20.0	-3.0	50.0
Bromochloromethane	Ave	0.1062	0.1160		21.9	20.0	9.3	50.0
Chloroform	Ave	0.3567	0.3832		21.5	20.0	7.4	20.0
Carbon tetrachloride	Ave	0.2185	0.2488		22.8	20.0	13.9	50.0
Ethyl acetate	Ave	0.0296	0.0303		40.9	40.0	2.2	50.0
Tetrahydrofuran	Ave	0.1206	0.1138		18.9	20.0	-5.6	50.0
1,1,1-Trichloroethane	Ave	0.2947	0.3077		20.9	20.0	4.4	50.0
1,1-Dichloropropene	Ave	0.2881	0.2993		20.8	20.0	3.9	50.0
2-Butanone	Ave	0.0441	0.0473		21.5	20.0	7.4	50.0
n-Heptane	Ave	0.1403	0.1285		18.3	20.0	-8.4	50.0
Benzene	Ave	1.193	1.145		19.2	20.0	-4.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab Sample ID: CCVIS 460-108274/2 Calibration Date: 04/04/2012 21:56

Instrument ID: VOAMS13 Calib Start Date: 02/28/2012 02:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/28/2012 04:38

Lab File ID: p56431.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.5750	0.5824		20.3	20.0	1.3	50.0
1,2-Dichloroethane	Ave	0.2632	0.2819		21.4	20.0	7.1	50.0
Isopropyl acetate	Ave	0.4312	0.4222		39.2	40.0	-2.1	50.0
Methylcyclohexane	Ave	0.3586	0.3576		19.9	20.0	-0.3	50.0
Trichloroethene	Ave	0.2322	0.2418		20.8	20.0	4.2	50.0
n-Butanol	Ave	0.0091	0.0086		1430	1500	-5.0	50.0
Dibromomethane	Ave	0.1336	0.1426		21.3	20.0	6.7	50.0
1,2-Dichloropropane	Ave	0.2295	0.2374		20.7	20.0	3.4	20.0
Ethyl acrylate	Ave	0.3206	0.3087		19.3	20.0	-3.7	50.0
Bromodichloromethane	Ave	0.2665	0.3011		22.6	20.0	13.0	50.0
Methyl methacrylate	Ave	0.0680	0.0662		19.5	20.0	-2.7	50.0
1,4-Dioxane	Ave	0.0042	0.0039		140	150	-6.4	50.0
Propyl acetate	Ave	0.3593	0.3431		38.2	40.0	-4.5	50.0
2-Chloroethyl vinyl ether	LinF	0.1160	0.1328		18.4	20.0	-8.1	50.0
cis-1,3-Dichloropropene	Ave	0.4571	0.4639		20.3	20.0	1.5	50.0
Toluene	Ave	1.355	1.262		18.6	20.0	-6.9	20.0
Epichlorohydrin	Ave	0.0371	0.0360		388	400	-3.1	50.0
Tetrachloroethene	Ave	0.2984	0.2639		17.7	20.0	-11.6	50.0
4-Methyl-2-pentanone	Ave	0.3310	0.2729		16.5	20.0	-17.6	50.0
trans-1,3-Dichloropropene	Ave	0.4170	0.4201		20.1	20.0	0.7	50.0
1,1,2-Trichloroethane	Ave	0.2340	0.2241		19.2	20.0	-4.2	50.0
Dibromochloromethane	Ave	0.2705	0.2809		20.8	20.0	3.8	50.0
1,3-Dichloropropane	Ave	0.4771	0.4589		19.2	20.0	-3.8	50.0
1,2-Dibromoethane	Ave	0.2847	0.2743		19.3	20.0	-3.6	50.0
Butyl acetate	Ave	0.0896	0.0779		34.8	40.0	-13.0	50.0
2-Hexanone	Ave	0.2586	0.2304		17.8	20.0	-10.9	50.0
Chlorobenzene	Ave	0.8411	0.8170	0.3000	19.4	20.0	-2.9	50.0
Ethylbenzene	Ave	0.4457	0.4123		18.5	20.0	-7.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2669	0.2621		19.6	20.0	-1.8	50.0
m&p-Xylene	Ave	0.5441	0.5039		37.0	40.0	-7.4	50.0
o-Xylene	Ave	0.5190	0.4714		18.2	20.0	-9.2	50.0
Bromoform	Ave	0.1854	0.1987	0.1000	21.4	20.0	7.2	50.0
Styrene	Ave	0.8902	0.8324		18.7	20.0	-6.5	50.0
Amly acetate	Ave	0.3320	0.3624		21.8	20.0	9.2	50.0
Butyl acrylate	Ave	0.2266	0.2065		18.2	20.0	-8.9	50.0
Isopropylbenzene	Ave	1.367	1.233		18.0	20.0	-9.9	50.0
Camphene, Total	Ave	0.0972	0.0868		17.9	20.0	-10.7	50.0
Monobromobenzene	Ave	0.6882	0.6146		17.9	20.0	-10.7	50.0
N-Propylbenzene	Ave	3.250	2.760		17.0	20.0	-15.1	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7733	0.7022	0.3000	18.2	20.0	-9.2	50.0
2-Chlorotoluene	Ave	1.932	1.687		17.5	20.0	-12.7	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab Sample ID: CCVIS 460-108274/2 Calibration Date: 04/04/2012 21:56

Instrument ID: VOAMS13 Calib Start Date: 02/28/2012 02:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/28/2012 04:38

Lab File ID: p56431.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.2357	0.1956		16.6	20.0	-17.0	50.0
1,3,5-Trimethylbenzene	Ave	2.249	1.946		17.3	20.0	-13.5	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1961	0.1916		19.5	20.0	-2.3	50.0
4-Chlorotoluene	Ave	2.050	1.844		18.0	20.0	-10.0	50.0
tert-Butylbenzene	Ave	1.906	1.564		16.4	20.0	-18.0	50.0
Butyl Methacrylate	QuaF	0.7374	0.6714		16.0	20.0	-19.8	50.0
1,2,4-Trimethylbenzene	Ave	2.333	2.089		17.9	20.0	-10.5	50.0
sec-Butylbenzene	Ave	2.923	2.427		16.6	20.0	-17.0	50.0
1,3-Dichlorobenzene	Ave	1.391	1.201		17.3	20.0	-13.6	50.0
p-Isopropyltoluene	Ave	2.458	2.070		16.8	20.0	-15.8	50.0
1,4-Dichlorobenzene	Ave	1.423	1.245		17.5	20.0	-12.5	50.0
2-Octanol	LinF	0.1238	0.1284		18.6	20.0	-7.2	50.0
2-Octanone	Ave	0.8627	0.7419		17.2	20.0	-14.0	50.0
Benzyl chloride	Ave	1.263	1.372		21.7	20.0	8.6	50.0
n-Butylbenzene	Ave	2.345	2.040		17.4	20.0	-13.0	50.0
1,2-Dichlorobenzene	Ave	1.341	1.181		17.6	20.0	-11.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1485	0.1293		17.4	20.0	-12.9	50.0
1,2,4-Trichlorobenzene	Ave	0.9010	0.7700		17.1	20.0	-14.5	50.0
Hexachlorobutadiene	Ave	0.3662	0.3152		17.2	20.0	-13.9	50.0
Camphor	QuaF	0.0667	0.0591		77.2	100	-22.8	50.0
Naphthalene	Ave	2.265	2.121		18.7	20.0	-6.4	50.0
1,2,3-Trichlorobenzene	Ave	0.8012	0.7345		18.3	20.0	-8.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2224	0.2187		49.2	50.0	-1.7	50.0
Toluene-d8 (Surr)	Ave	1.050	0.9657		46.0	50.0	-8.0	50.0
Bromofluorobenzene	Ave	0.6526	0.6494		49.8	50.0	-0.5	50.0

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56431.d
Report Date: 04-Apr-2012 23:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56431.d
Lab Smp Id: CCVIS
Inj Date : 04-APR-2012 21:56
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	76324	20.0000	27
3 Chloromethane	50	1.165	1.165	(0.278)	85458	20.0000	23
4 Vinyl Chloride	62	1.189	1.189	(0.284)	92090	20.0000	22
6 Bromomethane	94	1.384	1.384	(0.331)	29082	20.0000	14
5 Chloroethane	64	1.458	1.458	(0.348)	44958	20.0000	25
8 n-Pentane	72	1.531	1.531	(0.366)	7804	20.0000	19
7 Trichlorofluoromethane	101	1.537	1.537	(0.367)	101367	20.0000	22
10 Isoprene	67	1.707	1.707	(0.408)	86150	20.0000	19
11 Ethyl Ether	59	1.726	1.726	(0.413)	59910	20.0000	20
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	53652	20.0000	18
9 Ethanol	46	1.872	1.872	(0.448)	79483	3000.00	2500
18 Carbon Disulfide	76	1.860	1.860	(0.445)	205730	20.0000	23
14 Freon TF	101	1.866	1.866	(0.446)	62345	20.0000	20
17 Iodomethane	142	1.927	1.927	(0.461)	24647	20.0000	6.7
13 Acrolein	56	2.061	2.061	(0.493)	36827	40.0000	50
22 Methylene Chloride	84	2.207	2.207	(0.528)	78520	20.0000	20

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56431.d
Report Date: 04-Apr-2012 23:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.256	2.256	(0.539)	27058	20.0000	20
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.553)	71899	20.0000	20
	27 Methyl Acetate	74	2.329	2.329	(0.557)	18079	20.0000	16
	29 Hexane	86	2.360	2.360	(0.564)	16767	20.0000	20
	28 MTBE	73	2.396	2.396	(0.573)	219235	20.0000	20
	24 TBA	59	2.488	2.488	(0.595)	215582	400.000	390
	21 Acetonitrile	39	2.567	2.567	(0.614)	39375	400.000	340
	32 DIPE	45	2.652	2.652	(0.634)	242932	20.0000	20
	31 Vinyl Acetate	43	2.652	2.652	(0.634)	113330	20.0000	20
	30 1,1-Dichloroethane	63	2.732	2.732	(0.653)	133033	20.0000	20
	26 Acrylonitrile	53	2.780	2.780	(0.665)	35418	20.0000	19
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.698)	222293	20.0000	20
	34 n-Propanol	42	3.000	3.000	(0.717)	103940	3000.00	2900
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.748)	85462	20.0000	22
	37 2,2-Dichloropropane	77	3.213	3.213	(0.768)	103512	20.0000	22
	44 Cyclohexane	56	3.274	3.274	(0.783)	120486	20.0000	19
	40 Bromochloromethane	128	3.280	3.280	(0.784)	40618	20.0000	22
	42 Chloroform	83	3.341	3.341	(0.799)	134206	20.0000	21
	45 Carbon Tetrachloride	117	3.445	3.445	(0.824)	87139	20.0000	23
	39 Ethyl Acetate	70	3.457	3.457	(0.827)	21206	40.0000	41
	41 Tetrahydrofuran	42	3.475	3.475	(0.831)	39841	20.0000	19
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.837)	107751	20.0000	21
	46 1,1-Dichloropropene	75	3.603	3.603	(0.862)	104812	20.0000	21
	38 2-Butanone	72	3.603	3.603	(0.862)	16577	20.0000	21
	51 n-Heptane	57	3.799	3.799	(0.908)	45000	20.0000	18
	48 Benzene	78	3.811	3.811	(0.491)	326599	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	191486	50.0000	49
	50 t-Amyl-methyl-ether	73	3.933	3.933	(0.940)	203950	20.0000	20
	49 1,2-Dichloroethane	62	3.994	3.994	(0.955)	98700	20.0000	21
*	52 Fluorobenzene	96	4.183	4.183	(1.000)	875467	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.017)	295682	40.0000	39
	56 Methyl cyclohexane	83	4.323	4.323	(1.034)	125242	20.0000	20
	54 Trichloroethene	95	4.341	4.341	(1.038)	84684	20.0000	21
	53 n-Butanol	56	4.737	4.737	(1.133)	226310	1500.00	1400
	58 Dibromomethane	93	4.743	4.743	(1.134)	49927	20.0000	21
	57 1,2-Dichloropropane	63	4.841	4.841	(1.157)	83121	20.0000	21
	55 Ethyl Acrylate	55	4.914	4.914	(1.175)	108103	20.0000	19
	68 Bromodichloromethane	83	4.920	4.920	(1.176)	105437	20.0000	22
	59 Methyl Methacrylate	100	5.121	5.121	(1.224)	23165	20.0000	19
	60 1,4-Dioxane	88	5.164	5.164	(1.235)	10320	150.000	140
	75 Propyl Acetate	43	5.286	5.286	(1.264)	240292	40.0000	38
	62 2-Chloroethyl Vinyl Ether	63	5.573	5.573	(1.332)	46518	20.0000	18
	67 cis-1,3-Dichloropropene	75	5.609	5.609	(0.723)	132333	20.0000	20
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	688841	50.0000	46
	66 Toluene	91	5.871	5.871	(0.756)	359945	20.0000	19
	63 Epichlorohydrin	57	5.902	5.902	(0.760)	205186	400.000	390
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	75273	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56431.d
Report Date: 04-Apr-2012 23:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
70	4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	77842	20.0000	16
64	trans-1,3-Dichloropropene	75	6.389	6.389	(0.823)	119847	20.0000	20
69	1,1,2-Trichloroethane	83	6.578	6.578	(0.848)	63941	20.0000	19
74	Dibromochloromethane	129	6.780	6.780	(0.874)	80133	20.0000	21
72	1,3-Dichloropropane	76	6.908	6.908	(0.890)	130905	20.0000	19
77	1,2-Dibromoethane	107	7.054	7.054	(0.909)	78260	20.0000	19
76	Butyl Acetate	73	7.383	7.383	(0.951)	44452	40.0000	35
73	2-Hexanone	43	7.456	7.456	(0.961)	65722	20.0000	18
* 78	Chlorobenzene-d5	117	7.761	7.761	(1.000)	713193	50.0000	
79	Chlorobenzene	112	7.786	7.786	(1.003)	233081	20.0000	19
81	Ethylbenzene	106	7.865	7.865	(1.013)	117624	20.0000	18
80	1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.017)	74782	20.0000	20
82	m+p-Xylene	106	8.084	8.084	(1.042)	287472	40.0000	37
84	o-Xylene	106	8.694	8.694	(1.120)	134481	20.0000	18
86	Bromoform	173	8.755	8.755	(1.128)	56697	20.0000	21
85	Styrene	104	8.779	8.779	(1.131)	237472	20.0000	19
87	Amyl Acetate	43	8.810	8.810	(0.776)	56623	20.0000	22
83	Butyl Acrylate	73	9.090	9.090	(1.171)	58901	20.0000	18
88	Isopropylbenzene	105	9.188	9.188	(1.184)	351611	20.0000	18
90	Camphene (total)	41	9.322	9.322	(1.201)	24754	20.0000	18
$ 89	Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	253688	50.0000	50
91	Bromobenzene	156	9.688	9.688	(0.854)	96032	20.0000	18
95	n-Propylbenzene	91	9.834	9.834	(0.867)	431263	20.0000	17
92	1,1,2,2-Tetrachloroethane	83	9.974	9.974	(0.879)	109718	20.0000	18
96	2-Chlorotoluene	91	10.017	10.017	(0.883)	263613	20.0000	17
93	1,2,3-Trichloropropane	110	10.127	10.127	(0.893)	30559	20.0000	16
97	1,3,5-Trimethylbenzene	105	10.181	10.181	(0.897)	304024	20.0000	17
94	trans-1,4-Dichloro-2-butene	53	10.242	10.242	(0.903)	29937	20.0000	20
98	4-Chlorotoluene	91	10.291	10.291	(0.907)	288156	20.0000	18
100	tert-Butylbenzene	119	10.663	10.663	(0.940)	244311	20.0000	16
99	Butyl Methacrylate	87	10.779	10.779	(0.950)	104897	20.0000	16
101	1,2,4-Trimethylbenzene	105	10.791	10.791	(0.951)	326444	20.0000	18
103	sec-Butylbenzene	105	10.962	10.962	(0.966)	379151	20.0000	17
105	1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	187710	20.0000	17
107	p-Isopropyltoluene	119	11.230	11.230	(0.990)	323472	20.0000	17
* 108	1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	390621	50.0000	
109	1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	194550	20.0000	18
104	2-Octanol	45	11.474	11.474	(1.011)	20061	20.0000	18
102	2-Octanone	43	11.657	11.657	(1.027)	115927	20.0000	17
110	Benzyl Chloride	91	11.748	11.748	(1.035)	214305	20.0000	22
106	n-Butylbenzene	91	11.821	11.821	(1.042)	318711	20.0000	17
111	1,2-Dichlorobenzene	146	11.919	11.919	(1.050)	184552	20.0000	18
112	1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	20199	20.0000	17
114	1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	120309	20.0000	17
115	Hexachlorobutadiene	225	13.522	13.522	(1.192)	49248	20.0000	17
113	Camphor	95	13.772	13.772	(1.214)	46149	100.000	77
116	Naphthalene	128	13.803	13.803	(1.217)	331351	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56431.d
Report Date: 04-Apr-2012 23:28

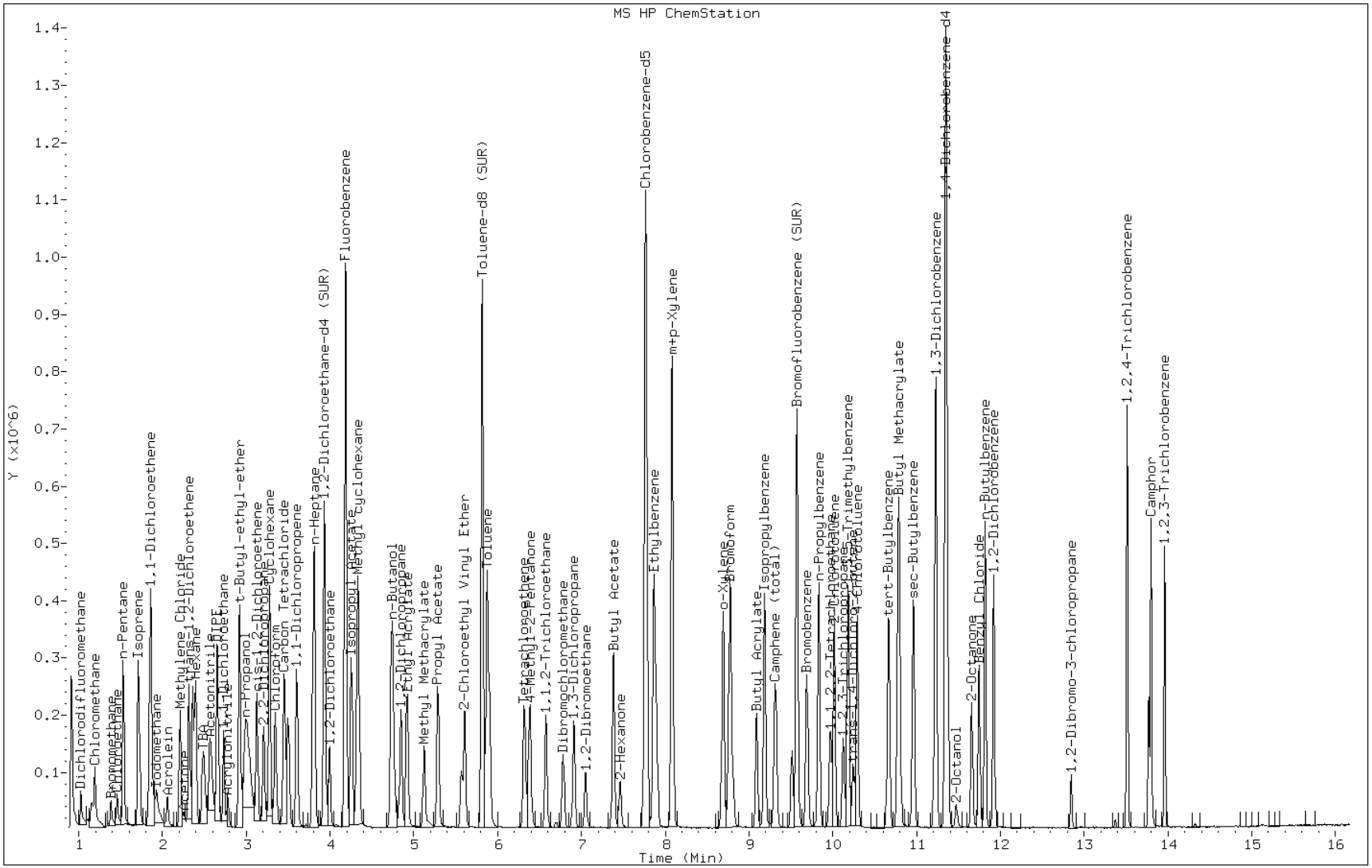
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	114768	20.0000	18
M 120 1,2-Dichloroethene (Total)	100				157361	40.0000	42
M 121 Xylene (Total)	100				421954	60.0000	55

Data File: p56431.d

Date: 04-APR-2012 21:56

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab Sample ID: CCVIS 460-108324/2 Calibration Date: 04/05/2012 10:10

Instrument ID: VOAMS13 Calib Start Date: 02/28/2012 02:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/28/2012 04:38

Lab File ID: p56460.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1624	0.1844		22.7	20.0	13.6	50.0
Chloromethane	Ave	0.2120	0.2271	0.1000	21.4	20.0	7.1	50.0
Vinyl chloride	Ave	0.2346	0.2256		19.2	20.0	-3.8	20.0
Bromomethane	LinF	0.1058	0.0748		13.1	20.0	-34.7	50.0
Chloroethane	Ave	0.1035	0.1012		19.5	20.0	-2.3	50.0
n-Pentane	Ave	0.0237	0.0312		26.3	20.0	31.6	50.0
Trichlorofluoromethane	Ave	0.2567	0.2498		19.5	20.0	-2.7	50.0
Isopropene	Ave	0.2615	0.2750		21.0	20.0	5.2	50.0
Ethyl ether	Ave	0.1717	0.1724		20.1	20.0	0.4	50.0
Ethanol	Ave	0.0018	0.0016		2630	3000	-12.4	50.0
1,1-Dichloroethene	Ave	0.1712	0.1672		19.5	20.0	-2.4	20.0
Carbon disulfide	Ave	0.5093	0.5493		21.6	20.0	7.9	50.0
Freon TF	Ave	0.1739	0.1766		20.3	20.0	1.6	50.0
Iodomethane	LinF	0.1349	0.1103		10.5	20.0	-47.5	50.0
Acrolein	LinF	0.0468	0.0539		50.8	40.0	27.0	99.0
Methylene Chloride	Ave	0.2194	0.2095		19.1	20.0	-4.5	50.0
Acetone	LinF	0.0853	0.0680		17.6	20.0	-12.1	50.0
trans-1,2-Dichloroethene	Ave	0.2046	0.2005		19.6	20.0	-2.0	50.0
Methyl acetate	Ave	0.0655	0.0484		14.8	20.0	-26.2	50.0
Hexane	Ave	0.0469	0.0451		19.2	20.0	-3.9	50.0
MTBE	Ave	0.6119	0.5708		18.7	20.0	-6.7	50.0
TBA	Ave	0.0313	0.0293		374	400	-6.5	50.0
Acetonitrile	Ave	0.0067	0.0064		384	400	-4.0	50.0
Vinyl acetate	Ave	0.3224	0.3086		19.1	20.0	-4.3	50.0
DIPE	Ave	0.6781	0.6639		19.6	20.0	-2.1	50.0
1,1-Dichloroethane	Ave	0.3720	0.3722	0.1000	20.0	20.0	0.0	50.0
Acrylonitrile	Ave	0.1045	0.1145		21.9	20.0	9.6	50.0
Tert-butyl ethyl ether	Ave	0.6165	0.6576	0.0100	21.3	20.0	6.7	50.0
cis-1,2-Dichloroethene	Ave	0.2254	0.2361		20.9	20.0	4.7	50.0
2,2-Dichloropropane	Ave	0.2630	0.2660		20.2	20.0	1.1	50.0
Cyclohexane	Ave	0.3547	0.3668		20.7	20.0	3.4	50.0
Bromochloromethane	Ave	0.1062	0.1117		21.0	20.0	5.2	50.0
Chloroform	Ave	0.3567	0.3749		21.0	20.0	5.1	20.0
Carbon tetrachloride	Ave	0.2185	0.2540		23.2	20.0	16.2	50.0
Ethyl acetate	Ave	0.0296	0.0303		40.9	40.0	2.3	50.0
Tetrahydrofuran	Ave	0.1206	0.1160		19.2	20.0	-3.8	50.0
1,1,1-Trichloroethane	Ave	0.2947	0.3062		20.8	20.0	3.9	50.0
1,1-Dichloropropene	Ave	0.2881	0.2932		20.4	20.0	1.8	50.0
2-Butanone	Ave	0.0441	0.0457		20.7	20.0	3.6	50.0
n-Heptane	Ave	0.1403	0.1307		18.6	20.0	-6.8	50.0
Benzene	Ave	1.193	1.144		19.2	20.0	-4.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab Sample ID: CCVIS 460-108324/2 Calibration Date: 04/05/2012 10:10

Instrument ID: VOAMS13 Calib Start Date: 02/28/2012 02:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/28/2012 04:38

Lab File ID: p56460.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-amyl methyl ether	Ave	0.5750	0.6282		21.9	20.0	9.3	50.0
1,2-Dichloroethane	Ave	0.2632	0.2787		21.2	20.0	5.9	50.0
Isopropyl acetate	Ave	0.4312	0.4210		39.1	40.0	-2.4	50.0
Methylcyclohexane	Ave	0.3586	0.3644		20.3	20.0	1.6	50.0
Trichloroethene	Ave	0.2322	0.2369		20.4	20.0	2.0	50.0
n-Butanol	Ave	0.0091	0.0093		1540	1500	2.7	50.0
Dibromomethane	Ave	0.1336	0.1360		20.4	20.0	1.8	50.0
1,2-Dichloropropane	Ave	0.2295	0.2349		20.5	20.0	2.3	20.0
Ethyl acrylate	Ave	0.3206	0.3287		20.5	20.0	2.5	50.0
Bromodichloromethane	Ave	0.2665	0.2907		21.8	20.0	9.1	50.0
Methyl methacrylate	Ave	0.0680	0.0676		19.9	20.0	-0.6	50.0
1,4-Dioxane	Ave	0.0042	0.0047		169	150	12.4	50.0
Propyl acetate	Ave	0.3593	0.3504		39.0	40.0	-2.5	50.0
2-Chloroethyl vinyl ether	LinF	0.1160	0.1328		18.4	20.0	-8.1	50.0
cis-1,3-Dichloropropene	Ave	0.4571	0.4387		19.2	20.0	-4.0	50.0
Toluene	Ave	1.355	1.251		18.5	20.0	-7.7	20.0
Epichlorohydrin	Ave	0.0371	0.0333		359	400	-10.2	50.0
Tetrachloroethene	Ave	0.2984	0.2789		18.7	20.0	-6.5	50.0
4-Methyl-2-pentanone	Ave	0.3310	0.2945		17.8	20.0	-11.0	50.0
trans-1,3-Dichloropropene	Ave	0.4170	0.4049		19.4	20.0	-2.9	50.0
1,1,2-Trichloroethane	Ave	0.2340	0.2161		18.5	20.0	-7.6	50.0
Dibromochloromethane	Ave	0.2705	0.2732		20.2	20.0	1.0	50.0
1,3-Dichloropropane	Ave	0.4771	0.4542		19.0	20.0	-4.8	50.0
1,2-Dibromoethane	Ave	0.2847	0.2720		19.1	20.0	-4.4	50.0
Butyl acetate	Ave	0.0896	0.0836		37.4	40.0	-6.6	50.0
2-Hexanone	Ave	0.2586	0.2388		18.5	20.0	-7.7	50.0
Chlorobenzene	Ave	0.8411	0.8037	0.3000	19.1	20.0	-4.4	50.0
Ethylbenzene	Ave	0.4457	0.4233		19.0	20.0	-5.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2669	0.2600		19.5	20.0	-2.6	50.0
m&p-Xylene	Ave	0.5441	0.5257		38.7	40.0	-3.4	50.0
o-Xylene	Ave	0.5190	0.4869		18.8	20.0	-6.2	50.0
Bromoform	Ave	0.1854	0.1897	0.1000	20.5	20.0	2.3	50.0
Styrene	Ave	0.8902	0.8655		19.4	20.0	-2.8	50.0
Butyl acrylate	Ave	0.2266	0.2294		20.2	20.0	1.2	50.0
Isopropylbenzene	Ave	1.367	1.327		19.4	20.0	-3.0	50.0
Camphene, Total	Ave	0.0972	0.1046		21.5	20.0	7.6	50.0
Monobromobenzene	Ave	0.6882	0.6321		18.4	20.0	-8.2	50.0
N-Propylbenzene	Ave	3.250	2.932		18.0	20.0	-9.8	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7733	0.6882	0.3000	17.8	20.0	-11.0	50.0
2-Chlorotoluene	Ave	1.932	1.719		17.8	20.0	-11.0	50.0
1,2,3-Trichloropropane	Ave	0.2357	0.2113		17.9	20.0	-10.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Lab Sample ID: CCVIS 460-108324/2 Calibration Date: 04/05/2012 10:10

Instrument ID: VOAMS13 Calib Start Date: 02/28/2012 02:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/28/2012 04:38

Lab File ID: p56460.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.249	2.031		18.1	20.0	-9.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.1961	0.2117		21.6	20.0	7.9	50.0
4-Chlorotoluene	Ave	2.050	1.876		18.3	20.0	-8.5	50.0
tert-Butylbenzene	Ave	1.906	1.680		17.6	20.0	-11.9	50.0
Butyl Methacrylate	QuaF	0.7374	0.7536		18.0	20.0	-9.9	50.0
1,2,4-Trimethylbenzene	Ave	2.333	2.139		18.3	20.0	-8.3	50.0
sec-Butylbenzene	Ave	2.923	2.582		17.7	20.0	-11.7	50.0
1,3-Dichlorobenzene	Ave	1.391	1.240		17.8	20.0	-10.9	50.0
p-Isopropyltoluene	Ave	2.458	2.209		18.0	20.0	-10.1	50.0
1,4-Dichlorobenzene	Ave	1.423	1.254		17.6	20.0	-11.9	50.0
2-Octanol	LinF	0.1238	0.1867		27.0	20.0	35.0	50.0
2-Octanone	Ave	0.8627	0.9301		21.6	20.0	7.8	50.0
Benzyl chloride	Ave	1.263	1.136		18.0	20.0	-10.0	50.0
n-Butylbenzene	Ave	2.345	2.096		17.9	20.0	-10.6	50.0
1,2-Dichlorobenzene	Ave	1.341	1.221		18.2	20.0	-9.0	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1485	0.1404		18.9	20.0	-5.4	50.0
1,2,4-Trichlorobenzene	Ave	0.9010	0.8256		18.3	20.0	-8.4	50.0
Hexachlorobutadiene	Ave	0.3662	0.2938		16.0	20.0	-19.8	50.0
Camphor	QuaF	0.0667	0.0838		109	100	9.3	50.0
Naphthalene	Ave	2.265	2.418		21.3	20.0	6.7	50.0
1,2,3-Trichlorobenzene	Ave	0.8012	0.7836		19.6	20.0	-2.2	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2224	0.2151		48.4	50.0	-3.3	50.0
Toluene-d8 (Surr)	Ave	1.050	0.9643		45.9	50.0	-8.1	50.0
Bromofluorobenzene	Ave	0.6526	0.6528		50.0	50.0	0.0	50.0

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56460.d
Report Date: 05-Apr-2012 11:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56460.d
Lab Smp Id: CCVIS
Inj Date : 05-APR-2012 10:10
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	62568	20.0000	23
3 Chloromethane	50	1.165	1.165	(0.279)	77058	20.0000	21
4 Vinyl Chloride	62	1.189	1.189	(0.284)	76548	20.0000	19
6 Bromomethane	94	1.378	1.378	(0.330)	25367	20.0000	13
5 Chloroethane	64	1.451	1.451	(0.347)	34323	20.0000	20
8 n-Pentane	72	1.525	1.525	(0.364)	10572	20.0000	26
7 Trichlorofluoromethane	101	1.537	1.537	(0.367)	84753	20.0000	19
10 Isoprene	67	1.714	1.714	(0.410)	93300	20.0000	21
11 Ethyl Ether	59	1.726	1.726	(0.413)	58492	20.0000	20
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	56717	20.0000	20
9 Ethanol	46	1.836	1.836	(0.439)	80273	3000.00	2600
18 Carbon Disulfide	76	1.860	1.860	(0.445)	186371	20.0000	22
14 Freon TF	101	1.866	1.866	(0.446)	59917	20.0000	20
17 Iodomethane	142	1.933	1.933	(0.462)	37421	20.0000	10
13 Acrolein	56	2.061	2.061	(0.493)	36570	40.0000	51
22 Methylene Chloride	84	2.207	2.207	(0.528)	71072	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56460.d
Report Date: 05-Apr-2012 11:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	16 Acetone	43	2.250	2.250	(0.538)	23053	20.0000	18
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.553)	68005	20.0000	20
	27 Methyl Acetate	74	2.335	2.335	(0.558)	16413	20.0000	15
	29 Hexane	86	2.366	2.366	(0.566)	15298	20.0000	19
	28 MTBE	73	2.396	2.396	(0.573)	193642	20.0000	19
	24 TBA	59	2.476	2.476	(0.592)	198722	400.000	370
	21 Acetonitrile	39	2.561	2.561	(0.612)	43500	400.000	380
	32 DIPE	45	2.659	2.659	(0.636)	225221	20.0000	20
	31 Vinyl Acetate	43	2.652	2.652	(0.634)	104705	20.0000	19
	30 1,1-Dichloroethane	63	2.732	2.732	(0.653)	126263	20.0000	20
	26 Acrylonitrile	53	2.780	2.780	(0.665)	38848	20.0000	22
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.698)	223100	20.0000	21
	34 n-Propanol	42	2.976	2.976	(0.711)	106604	3000.00	3000
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.748)	80094	20.0000	21
	37 2,2-Dichloropropane	77	3.207	3.207	(0.767)	90253	20.0000	20
	44 Cyclohexane	56	3.274	3.274	(0.783)	124451	20.0000	21
	40 Bromochloromethane	128	3.280	3.280	(0.784)	37892	20.0000	21
	42 Chloroform	83	3.341	3.341	(0.799)	127176	20.0000	21
	45 Carbon Tetrachloride	117	3.445	3.445	(0.824)	86156	20.0000	23
	39 Ethyl Acetate	70	3.457	3.457	(0.827)	20576	40.0000	41
	41 Tetrahydrofuran	42	3.475	3.475	(0.831)	39350	20.0000	19
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.837)	103891	20.0000	21
	46 1,1-Dichloropropene	75	3.603	3.603	(0.862)	99468	20.0000	20
	38 2-Butanone	72	3.603	3.603	(0.862)	15487	20.0000	21
	51 n-Heptane	57	3.799	3.799	(0.908)	44332	20.0000	19
	48 Benzene	78	3.811	3.811	(0.491)	316466	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	182473	50.0000	48
	50 t-Amyl-methyl-ether	73	3.933	3.933	(0.940)	213130	20.0000	22
	49 1,2-Dichloroethane	62	3.994	3.994	(0.955)	94565	20.0000	21
*	52 Fluorobenzene	96	4.183	4.183	(1.000)	848163	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.017)	285681	40.0000	39
	56 Methyl cyclohexane	83	4.323	4.323	(1.034)	123630	20.0000	20
	54 Trichloroethene	95	4.341	4.341	(1.038)	80373	20.0000	20
	53 n-Butanol	56	4.725	4.725	(1.130)	236884	1500.00	1500
	58 Dibromomethane	93	4.737	4.737	(1.133)	46132	20.0000	20
	57 1,2-Dichloropropane	63	4.841	4.841	(1.157)	79692	20.0000	20
	55 Ethyl Acrylate	55	4.908	4.908	(1.173)	111499	20.0000	20
	68 Bromodichloromethane	83	4.920	4.920	(1.176)	98639	20.0000	22
	59 Methyl Methacrylate	100	5.121	5.121	(1.224)	22929	20.0000	20
	60 1,4-Dioxane	88	5.152	5.152	(1.232)	12005	150.000	170
	75 Propyl Acetate	43	5.286	5.286	(1.264)	237743	40.0000	39
	62 2-Chloroethyl Vinyl Ether	63	5.567	5.567	(1.331)	45059	20.0000	18
	67 cis-1,3-Dichloropropene	75	5.609	5.609	(0.723)	121333	20.0000	19
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	666837	50.0000	46
	66 Toluene	91	5.871	5.871	(0.756)	345840	20.0000	18
	63 Epichlorohydrin	57	5.902	5.902	(0.760)	184431	400.000	360
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	77141	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56460.d
Report Date: 05-Apr-2012 11:29

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	70 4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	81440	20.0000	18
	64 trans-1,3-Dichloropropene	75	6.390	6.390	(0.823)	111966	20.0000	19
	69 1,1,2-Trichloroethane	83	6.572	6.572	(0.847)	59773	20.0000	18
	74 Dibromochloromethane	129	6.780	6.780	(0.874)	75545	20.0000	20
	72 1,3-Dichloropropane	76	6.908	6.908	(0.890)	125609	20.0000	19
	77 1,2-Dibromoethane	107	7.048	7.048	(0.908)	75229	20.0000	19
	76 Butyl Acetate	73	7.377	7.377	(0.950)	46262	40.0000	37
	73 2-Hexanone	43	7.456	7.456	(0.961)	66031	20.0000	18
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	691401	50.0000	
	79 Chlorobenzene	112	7.786	7.786	(1.003)	222276	20.0000	19
	81 Ethylbenzene	106	7.865	7.865	(1.013)	117062	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.017)	71918	20.0000	19
	82 m+p-Xylene	106	8.084	8.084	(1.042)	290774	40.0000	39
	84 o-Xylene	106	8.688	8.688	(1.119)	134663	20.0000	19
	86 Bromoform	173	8.755	8.755	(1.128)	52461	20.0000	20
	85 Styrene	104	8.773	8.773	(1.130)	239360	20.0000	19
	83 Butyl Acrylate	73	9.090	9.090	(1.171)	63435	20.0000	20
	88 Isopropylbenzene	105	9.188	9.188	(1.184)	366881	20.0000	19
	90 Camphene (total)	41	9.316	9.316	(1.200)	28935	20.0000	22
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	245904	50.0000	50
	91 Bromobenzene	156	9.688	9.688	(0.854)	95230	20.0000	18
	95 n-Propylbenzene	91	9.834	9.834	(0.867)	441687	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.968	9.968	(0.879)	103683	20.0000	18
	96 2-Chlorotoluene	91	10.017	10.017	(0.883)	259000	20.0000	18
	93 1,2,3-Trichloropropane	110	10.127	10.127	(0.893)	31829	20.0000	18
	97 1,3,5-Trimethylbenzene	105	10.181	10.181	(0.897)	306022	20.0000	18
	94 trans-1,4-Dichloro-2-butene	53	10.242	10.242	(0.903)	31886	20.0000	22
	98 4-Chlorotoluene	91	10.291	10.291	(0.907)	282599	20.0000	18
	100 tert-Butylbenzene	119	10.663	10.663	(0.940)	253049	20.0000	18
	99 Butyl Methacrylate	87	10.773	10.773	(0.949)	113530	20.0000	18
	101 1,2,4-Trimethylbenzene	105	10.791	10.791	(0.951)	322225	20.0000	18
	103 sec-Butylbenzene	105	10.962	10.962	(0.966)	388964	20.0000	18
	105 1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	186742	20.0000	18
	107 p-Isopropyltoluene	119	11.230	11.230	(0.990)	332784	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	376640	50.0000	
	109 1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	188868	20.0000	18
	104 2-Octanol	45	11.474	11.474	(1.011)	28133	20.0000	27
	102 2-Octanone	43	11.657	11.657	(1.027)	140128	20.0000	22
	110 Benzyl Chloride	91	11.748	11.748	(1.035)	171136	20.0000	18
	106 n-Butylbenzene	91	11.821	11.821	(1.042)	315801	20.0000	18
	111 1,2-Dichlorobenzene	146	11.919	11.919	(1.050)	183883	20.0000	18
	112 1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	21157	20.0000	19
	114 1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	124383	20.0000	18
	115 Hexachlorobutadiene	225	13.522	13.522	(1.192)	44266	20.0000	16
	113 Camphor	95	13.766	13.766	(1.213)	63093	100.000	110
	116 Naphthalene	128	13.803	13.803	(1.217)	364242	20.0000	21
	117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	118051	20.0000	20

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56460.d
Report Date: 05-Apr-2012 11:29

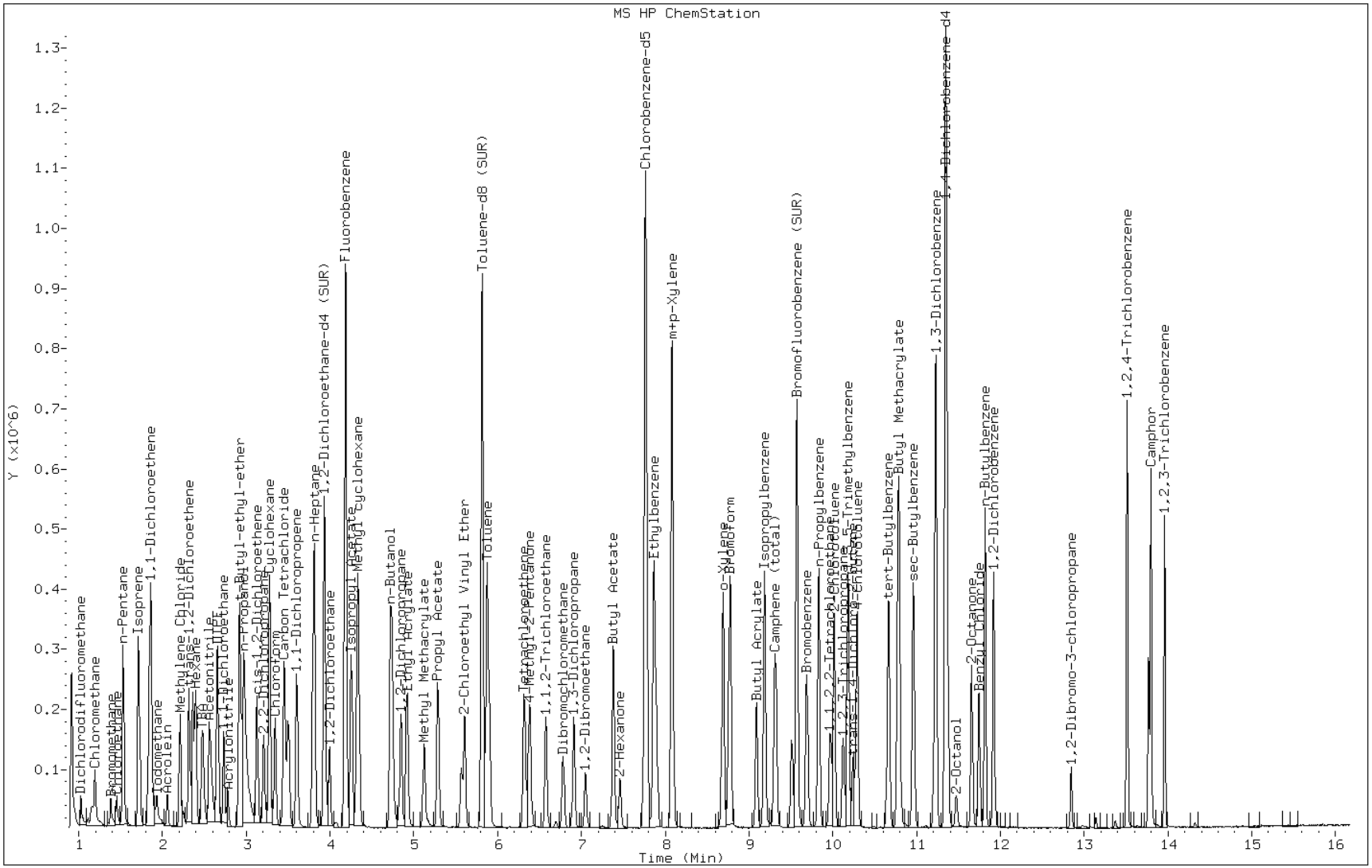
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
M 120 1,2-Dichloroethene (Total)	100				148099	40.0000	40
M 121 Xylene (Total)	100				425437	60.0000	57

Data File: p56460.d

Date: 05-APR-2012 10:10

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54965.d
Report Date: 28-Feb-2012 08:40

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54965.d
Lab Smp Id: BFB
Inj Date : 28-FEB-2012 01:00
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

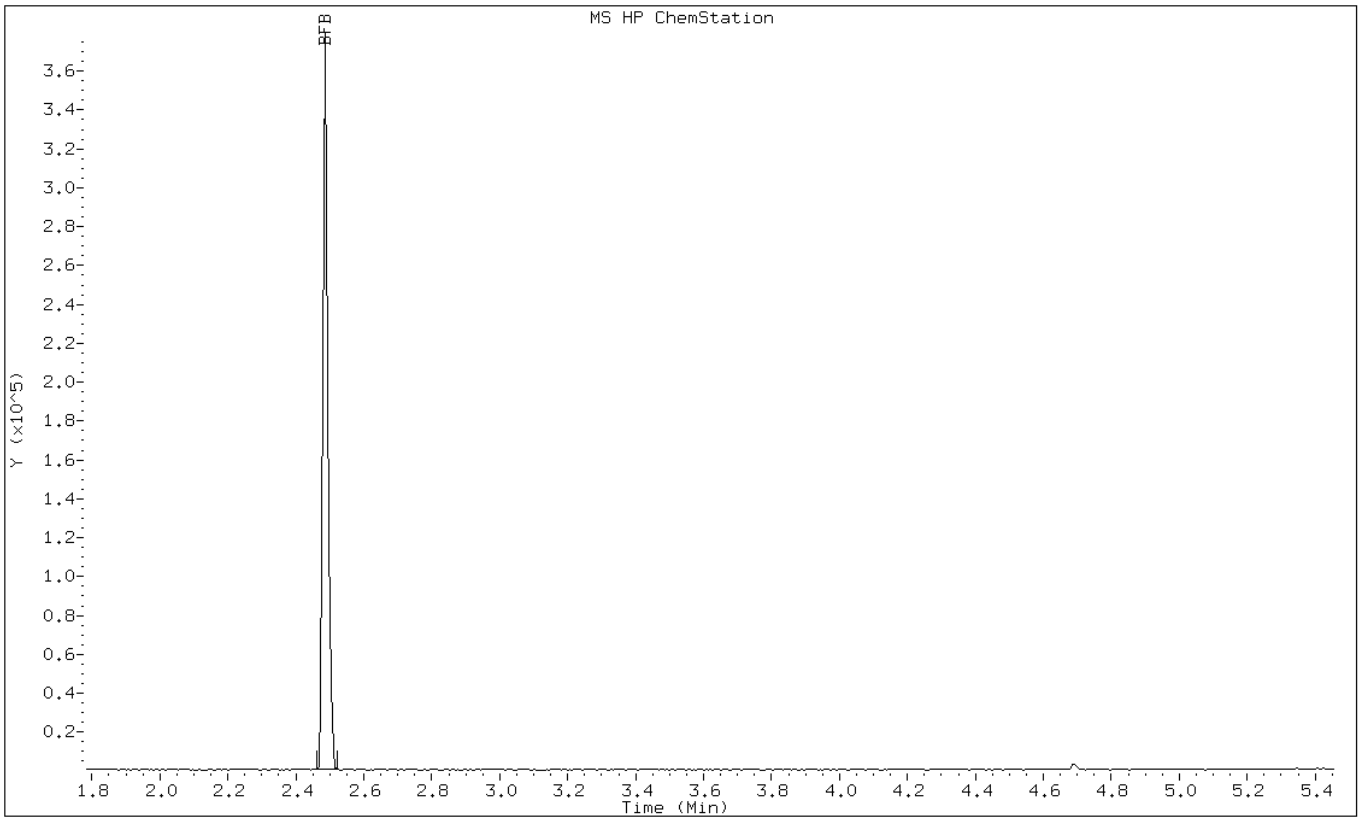
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.486	2.300 (0.000)	95	65605			0.00- 100.00	100.00
2.486	2.300 (0.000)	50	10809			15.00- 40.00	16.48
2.486	2.300 (0.000)	75	30978			30.00- 60.00	47.22
2.486	2.300 (0.000)	96	4196			5.00- 9.00	6.40
2.486	2.300 (0.000)	173	277			0.00- 2.00	0.56
2.486	2.300 (0.000)	174	49282			50.00- 100.00	75.12
2.486	2.300 (0.000)	175	3811			5.00- 9.00	7.73
2.486	2.300 (0.000)	176	48200			95.00- 101.00	97.80
2.486	2.300 (0.000)	177	3062			5.00- 9.00	6.35

Data File: p54965.d

Date: 28-FEB-2012 01:00

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



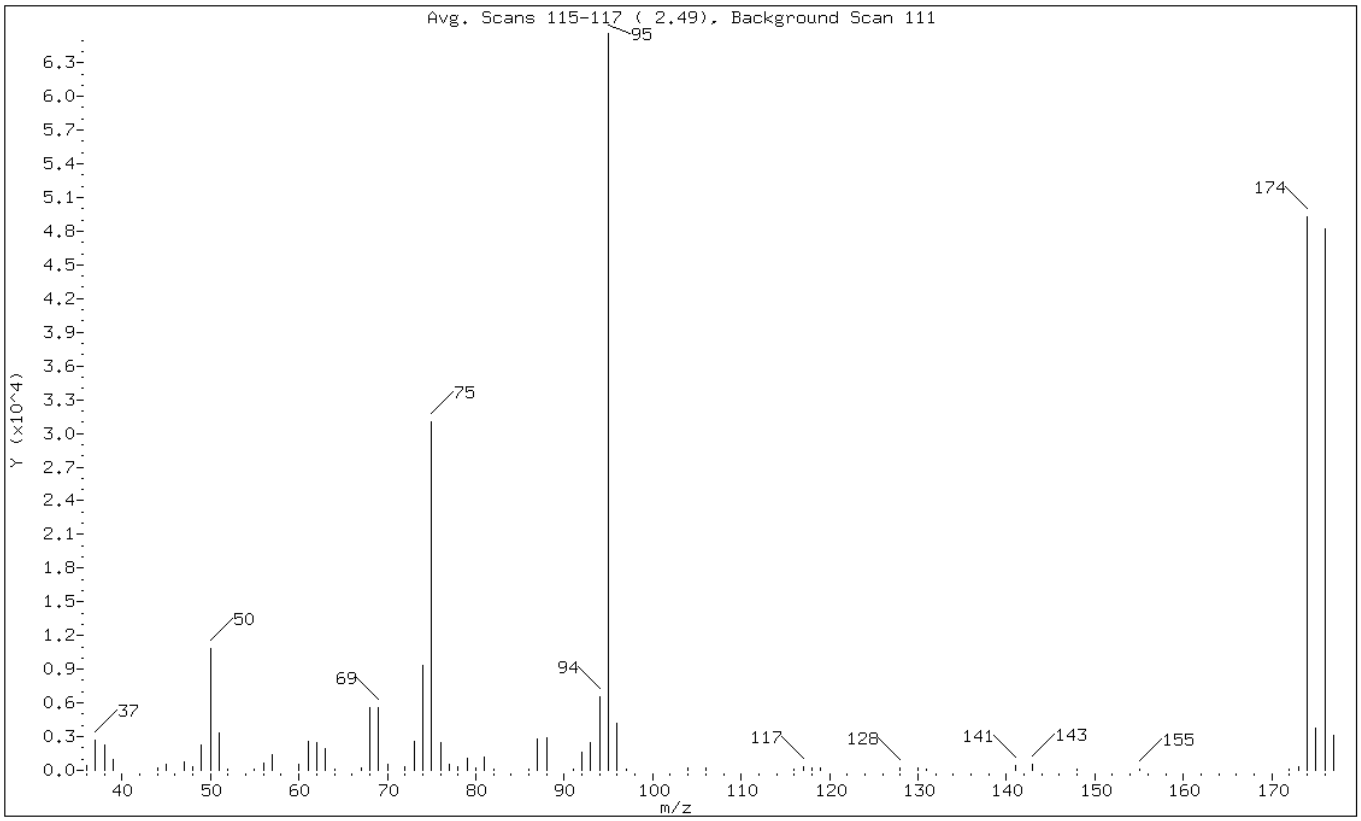
Data File: p54965.d

Date: 28-FEB-2012 01:00

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.48
75	30.00 - 60.00% of mass 95	47.22
96	5.00 - 9.00% of mass 95	6.40
173	Less than 2.00% of mass 174	0.42 (0.56)
174	50.00 - 100.00% of mass 95	75.12
175	5.00 - 9.00% of mass 174	5.81 (7.73)
176	95.00 - 101.00% of mass 174	73.47 (97.80)
177	5.00 - 9.00% of mass 176	4.67 (6.35)

Data File: p54965.d

Date: 28-FEB-2012 01:00

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b/p54965.d
Spectrum: Avg. Scans 115-117 (2.49), Background Scan 111
Location of Maximum: 95.00
Number of points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	474	62.00	2486	82.00	152	128.00	232
37.00	2654	63.00	1913	86.00	59	130.00	182
38.00	2297	64.00	131	87.00	2754	131.00	60
39.00	969	67.00	190	88.00	2883	141.00	455
44.00	219	68.00	5537	91.00	65	143.00	496
45.00	510	69.00	5627	92.00	1562	148.00	113
47.00	803	70.00	494	93.00	2476	155.00	62
48.00	300	72.00	338	94.00	6552	172.00	145
49.00	2229	73.00	2538	95.00	65600	173.00	277
50.00	10809	74.00	9367	96.00	4196	174.00	49280
51.00	3277	75.00	30976	97.00	62	175.00	3811
52.00	58	76.00	2473	104.00	216	176.00	48200
55.00	57	77.00	492	106.00	173	177.00	3062
56.00	682	78.00	298	116.00	66		
57.00	1376	79.00	1036	117.00	307		
60.00	528	80.00	262	118.00	184		
61.00	2587	81.00	1197	119.00	186		

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56430.d
Report Date: 04-Apr-2012 22:45

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56430.d
Lab Smp Id: BFB
Inj Date : 04-APR-2012 21:33
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

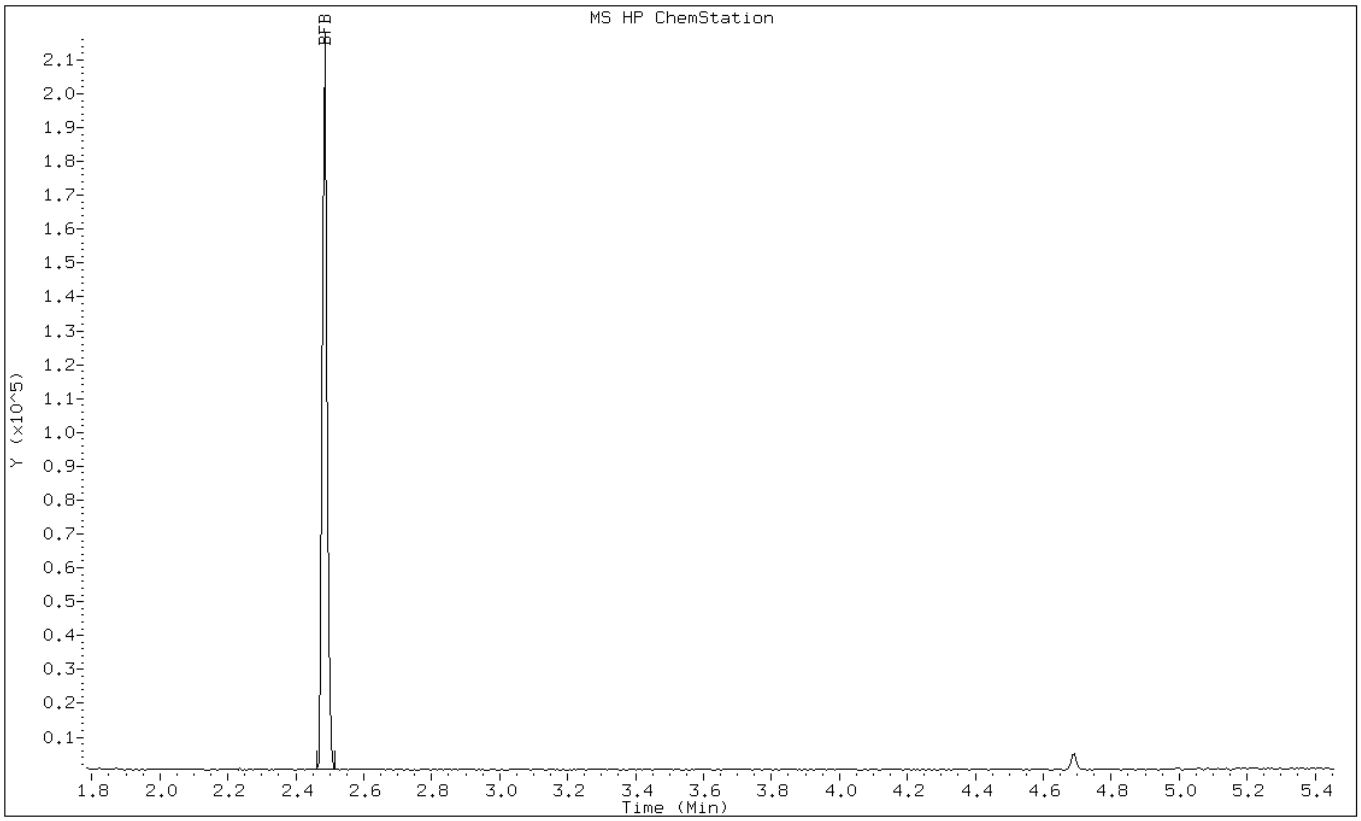
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.486	2.300 (0.000)	95	37253			0.00- 100.00	100.00
2.486	2.300 (0.000)	50	6028			15.00- 40.00	16.18
2.486	2.300 (0.000)	75	16669			30.00- 60.00	44.75
2.486	2.300 (0.000)	96	2512			5.00- 9.00	6.74
2.486	2.300 (0.000)	173	111			0.00- 2.00	0.38
2.486	2.300 (0.000)	174	29530			50.00- 100.00	79.27
2.486	2.300 (0.000)	175	2397			5.00- 9.00	8.12
2.486	2.300 (0.000)	176	28522			95.00- 101.00	96.59
2.486	2.300 (0.000)	177	1827			5.00- 9.00	6.41

Data File: p56430.d

Date: 04-APR-2012 21:33

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



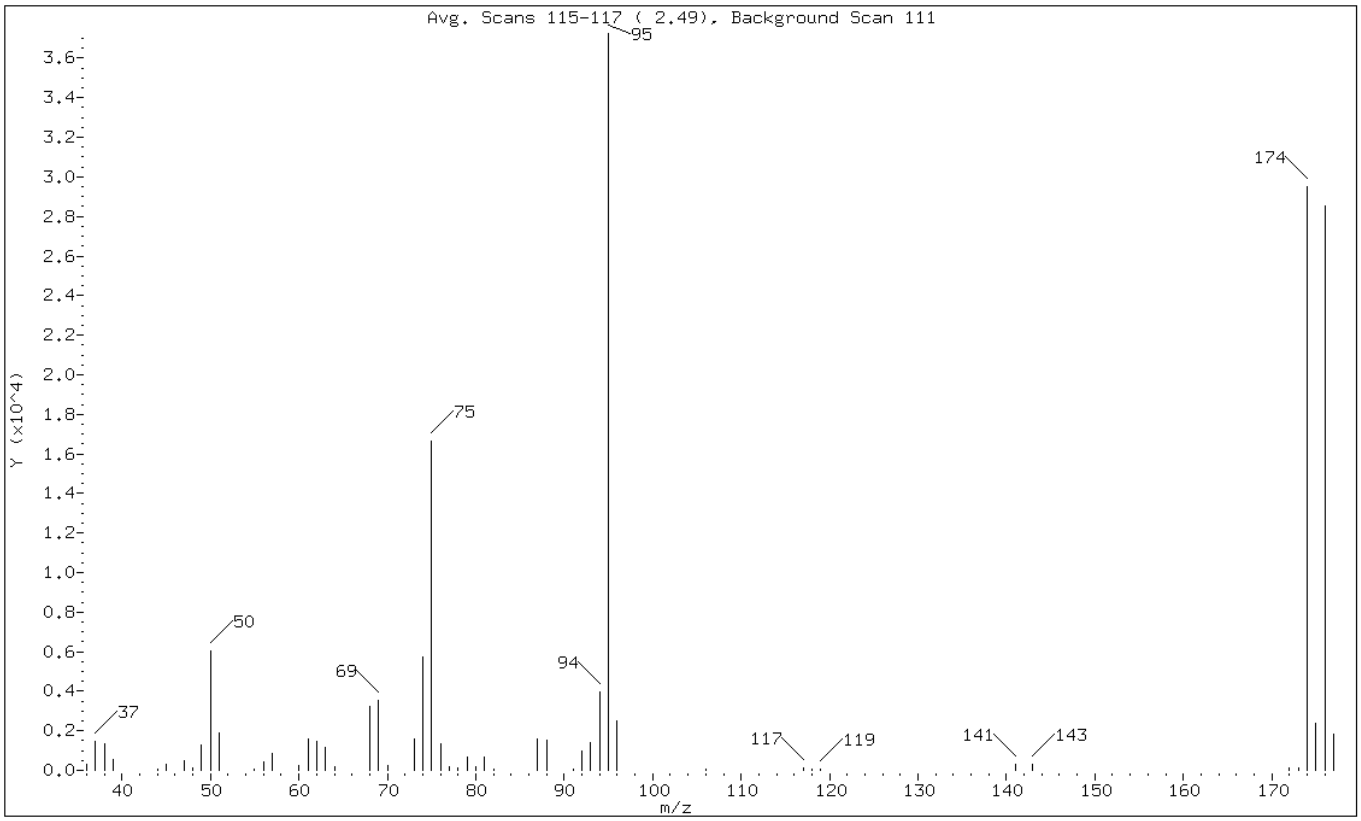
Data File: p56430.d

Date: 04-APR-2012 21:33

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.18
75	30.00 - 60.00% of mass 95	44.75
96	5.00 - 9.00% of mass 95	6.74
173	Less than 2.00% of mass 174	0.30 (0.38)
174	50.00 - 100.00% of mass 95	79.27
175	5.00 - 9.00% of mass 174	6.43 (8.12)
176	95.00 - 101.00% of mass 174	76.56 (96.59)
177	5.00 - 9.00% of mass 176	4.90 (6.41)

Data File: p56430.d

Date: 04-APR-2012 21:33

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56430.d
Spectrum: Avg. Scans 115-117 (2.49), Background Scan 111
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	315	60.00	245	79.00	643	118.00	65
37.00	1463	61.00	1573	80.00	194	119.00	63
38.00	1336	62.00	1471	81.00	684	141.00	284
39.00	557	63.00	1134	82.00	56	143.00	324
44.00	31	64.00	157	87.00	1574	172.00	137
45.00	295	68.00	3222	88.00	1514	173.00	111
47.00	462	69.00	3537	91.00	51	174.00	29528
48.00	141	70.00	246	92.00	989	175.00	2397
49.00	1299	73.00	1610	93.00	1394	176.00	28520
50.00	6028	74.00	5740	94.00	3976	177.00	1827
51.00	1904	75.00	16664	95.00	37248		
55.00	60	76.00	1359	96.00	2512		
56.00	432	77.00	174	106.00	79		
57.00	844	78.00	129	117.00	152		

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56458.d
Report Date: 05-Apr-2012 10:00

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56458.d
Lab Smp Id: BFB
Inj Date : 05-APR-2012 08:53
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

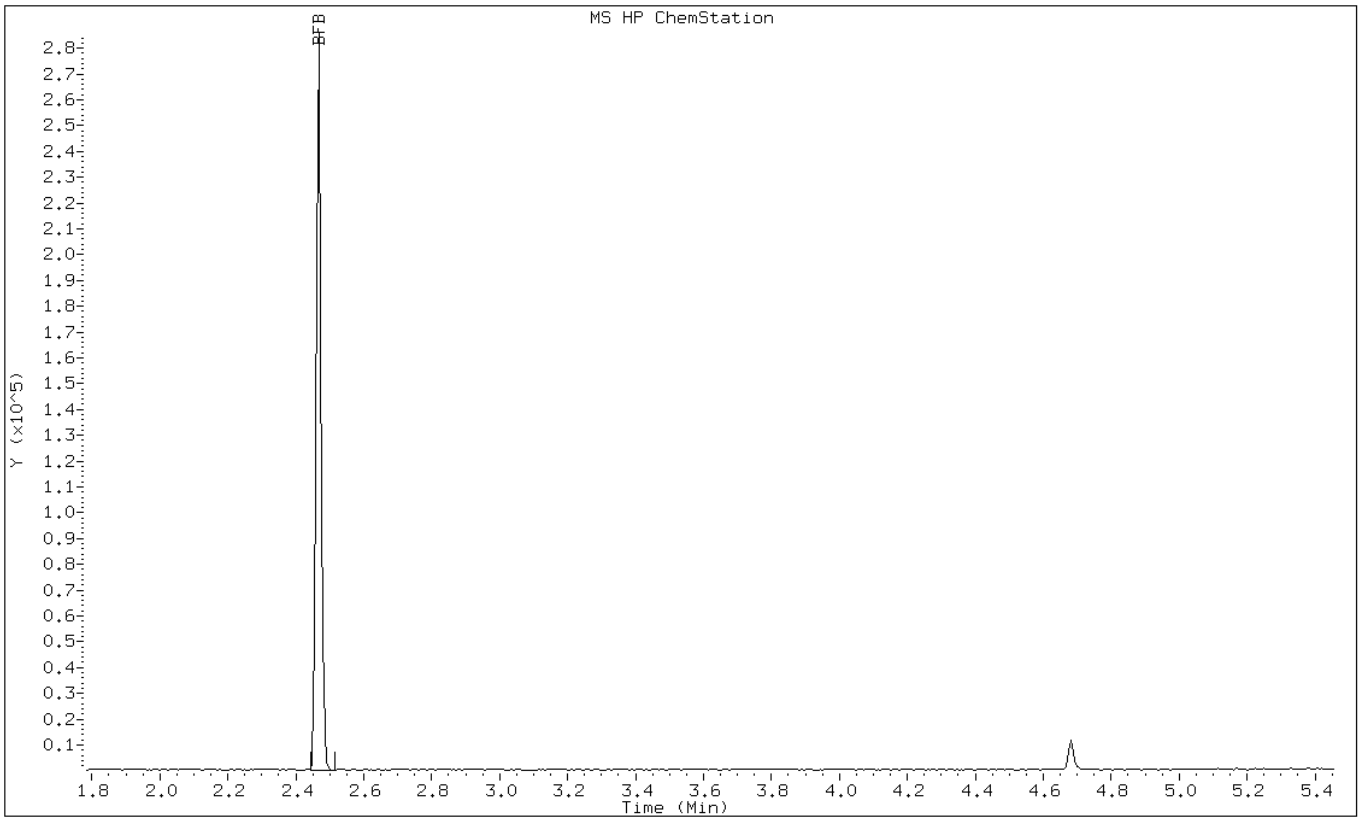
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.467	2.300 (0.000)	95	48266			0.00- 100.00	100.00
2.467	2.300 (0.000)	50	7673			15.00- 40.00	15.90
2.467	2.300 (0.000)	75	21726			30.00- 60.00	45.01
2.467	2.300 (0.000)	96	3182			5.00- 9.00	6.59
2.467	2.300 (0.000)	173	106			0.00- 2.00	0.29
2.467	2.300 (0.000)	174	37189			50.00- 100.00	77.05
2.467	2.300 (0.000)	175	3080			5.00- 9.00	8.28
2.467	2.300 (0.000)	176	36658			95.00- 101.00	98.57
2.467	2.300 (0.000)	177	2355			5.00- 9.00	6.42

Data File: p56458.d

Date: 05-APR-2012 08:53

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



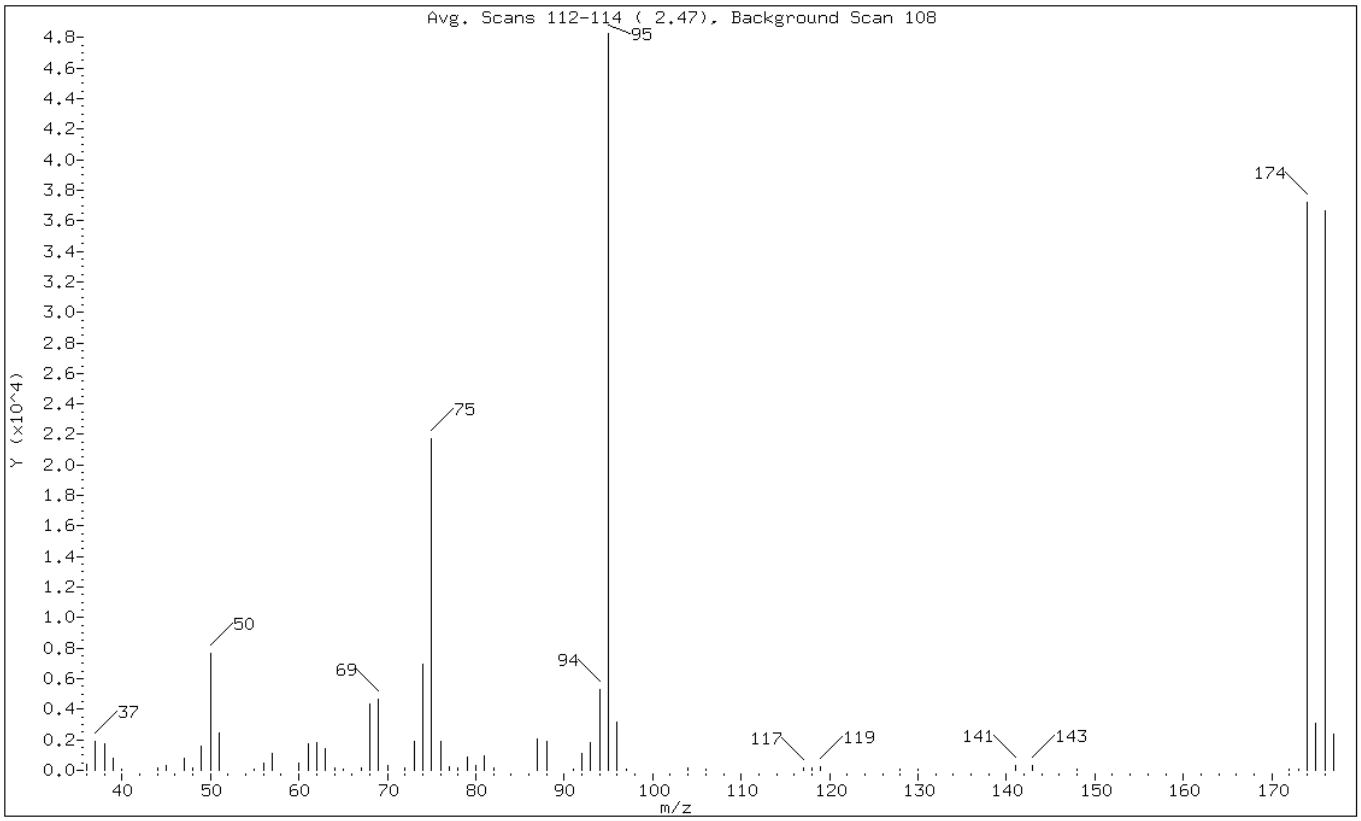
Data File: p56458.d

Date: 05-APR-2012 08:53

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.90
75	30.00 - 60.00% of mass 95	45.01
96	5.00 - 9.00% of mass 95	6.59
173	Less than 2.00% of mass 174	0.22 (0.29)
174	50.00 - 100.00% of mass 95	77.05
175	5.00 - 9.00% of mass 174	6.38 (8.28)
176	95.00 - 101.00% of mass 174	75.95 (98.57)
177	5.00 - 9.00% of mass 176	4.88 (6.42)

Data File: p56458.d

Date: 05-APR-2012 08:53

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56458.d
Spectrum: Avg. Scans 112-114 (2.47), Background Scan 108
Location of Maximum: 95.00
Number of points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	391	61.00	1735	79.00	833	118.00	125
37.00	1923	62.00	1778	80.00	287	119.00	224
38.00	1710	63.00	1405	81.00	923	128.00	75
39.00	768	64.00	139	82.00	192	130.00	117
40.00	44	65.00	54	87.00	2068	141.00	300
44.00	141	67.00	144	88.00	1873	143.00	345
45.00	342	68.00	4316	91.00	114	148.00	51
47.00	797	69.00	4638	92.00	1133	172.00	85
48.00	193	70.00	320	93.00	1815	173.00	106
49.00	1579	72.00	158	94.00	5264	174.00	37184
50.00	7673	73.00	1918	95.00	48264	175.00	3080
51.00	2445	74.00	6919	96.00	3182	176.00	36656
55.00	63	75.00	21720	97.00	52	177.00	2355
56.00	494	76.00	1861	104.00	139		
57.00	1070	77.00	253	106.00	69		
60.00	446	78.00	143	117.00	177		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-108274/4

Matrix: Water Lab File ID: p56435.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2012 23:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-108274/4

Matrix: Water Lab File ID: p56435.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2012 23:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	97		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56435.d
Report Date: 05-Apr-2012 03:11

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56435.d
Lab Smp Id: MB
Inj Date : 04-APR-2012 23:42
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

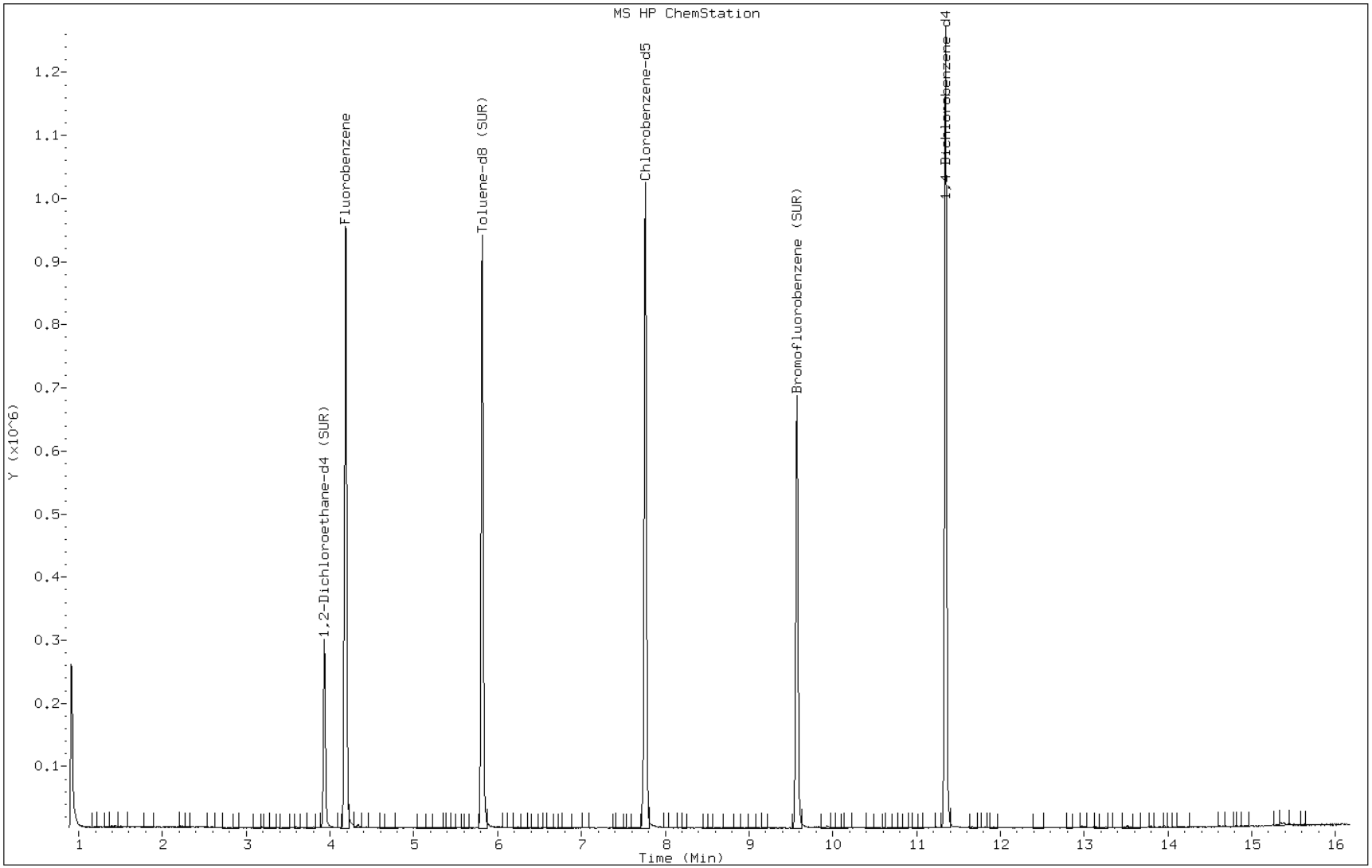
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	192280	50.0270	50
* 52 Fluorobenzene	96	4.189	4.183	(1.000)	864108	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	673373	45.4929	45
* 78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	705125	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	241399	48.6331	49
* 108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	380305	50.0000	

Data File: p56435.d

Date: 04-APR-2012 23:42

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-108324/4

Matrix: Water Lab File ID: p56463.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 11:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-88-3	Toluene	1.0	U	1.0	0.15
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
100-42-5	Styrene	1.0	U	1.0	0.12
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-108324/4

Matrix: Water Lab File ID: p56463.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 11:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	90		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56463.d
Report Date: 05-Apr-2012 13:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56463.d
Lab Smp Id: MB
Inj Date : 05-APR-2012 11:40
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

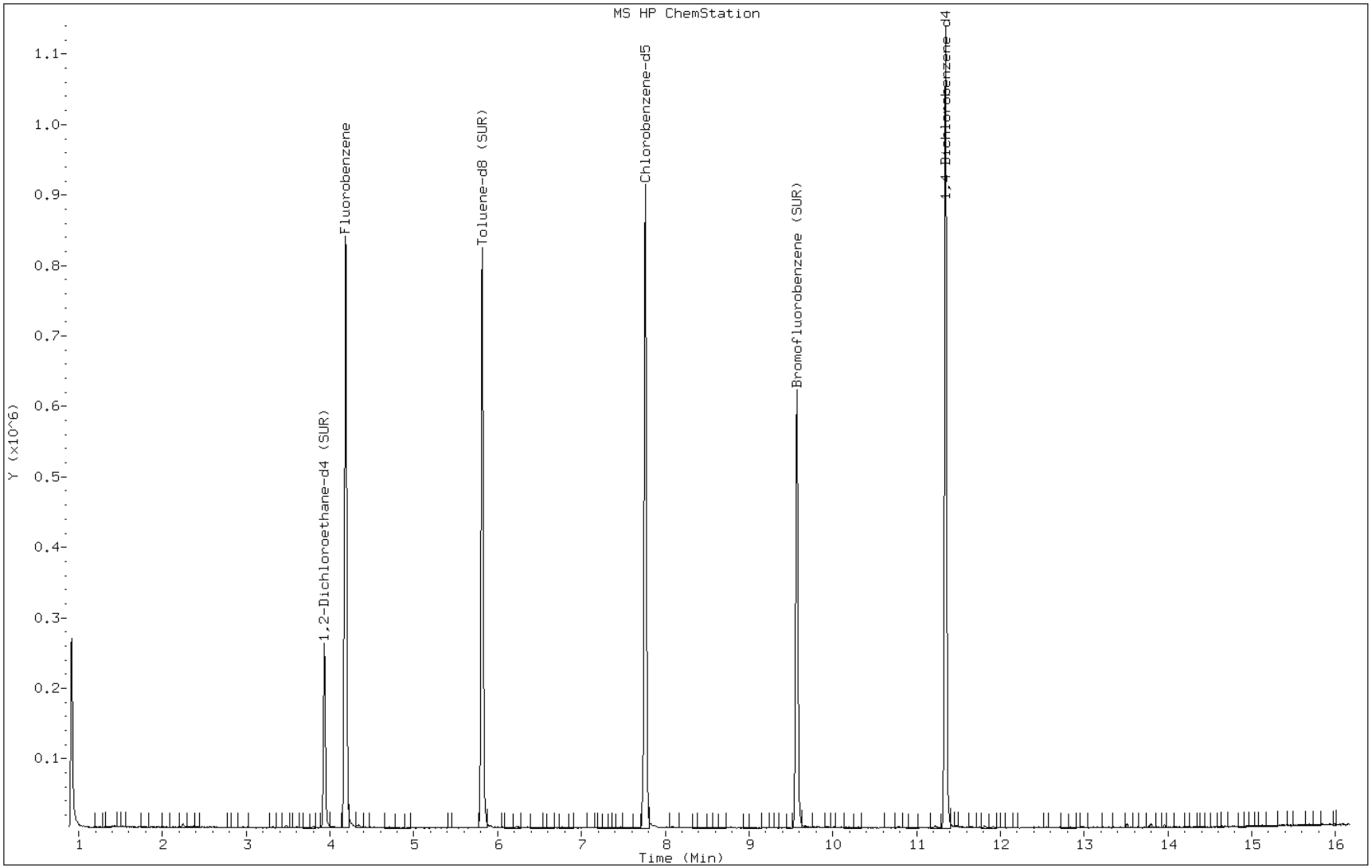
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	167132	48.7480	49
* 52 Fluorobenzene	96	4.183	4.183	(1.000)	770799	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.817	5.816	(0.749)	598535	44.8984	45
* 78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	635056	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	223922	49.8224	50
* 108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	344350	50.0000	

Data File: p56463.d

Date: 05-APR-2012 11:40

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-38556-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-108274/3

Matrix: Water | Lab File ID: p56432.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/04/2012 22:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 108274 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	24.4		1.0	0.10
74-83-9	Bromomethane	16.6		1.0	0.18
75-01-4	Vinyl chloride	23.7		1.0	0.14
75-00-3	Chloroethane	26.0		1.0	0.17
75-09-2	Methylene Chloride	21.0		1.0	0.18
67-64-1	Acetone	21.8		5.0	2.7
75-15-0	Carbon disulfide	23.7		1.0	0.13
75-35-4	1,1-Dichloroethene	18.8		1.0	0.090
75-34-3	1,1-Dichloroethane	21.0		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	20.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.9		1.0	0.18
67-66-3	Chloroform	21.8		1.0	0.080
107-06-2	1,2-Dichloroethane	21.9		1.0	0.19
78-93-3	2-Butanone	21.7		5.0	2.3
71-55-6	1,1,1-Trichloroethane	21.7		1.0	0.060
56-23-5	Carbon tetrachloride	23.7		1.0	0.060
75-27-4	Bromodichloromethane	22.8		1.0	0.12
78-87-5	1,2-Dichloropropane	21.4		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	20.6		1.0	0.18
79-01-6	Trichloroethene	21.1		1.0	0.090
124-48-1	Dibromochloromethane	21.4		1.0	0.20
79-00-5	1,1,2-Trichloroethane	19.9		1.0	0.19
71-43-2	Benzene	19.8		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	20.7		1.0	0.24
75-25-2	Bromoform	21.4		1.0	0.19
108-10-1	4-Methyl-2-pentanone	18.0		5.0	0.99
591-78-6	2-Hexanone	18.5		5.0	0.50
127-18-4	Tetrachloroethene	18.7		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.16
108-88-3	Toluene	19.4		1.0	0.15
108-90-7	Chlorobenzene	20.2		1.0	0.11
100-41-4	Ethylbenzene	19.1		1.0	0.10
100-42-5	Styrene	20.0		1.0	0.12
1330-20-7	Xylenes, Total	58.7		3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-108274/3

Matrix: Water Lab File ID: p56432.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/04/2012 22:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108274 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	100		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56432.d
Report Date: 04-Apr-2012 23:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56432.d
Lab Smp Id: LCS
Inj Date : 04-APR-2012 22:20
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/8260_09.m
Meth Date : 04-Apr-2012 23:28 ken Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	80671	28.4188	28
3 Chloromethane	50	1.159	1.165	(0.277)	90431	24.4018	24
4 Vinyl Chloride	62	1.189	1.189	(0.284)	97160	23.6952	24
6 Bromomethane	94	1.384	1.384	(0.331)	33219	16.5911	16
5 Chloroethane	64	1.458	1.458	(0.348)	47048	26.0063	26
8 n-Pentane	72	1.531	1.531	(0.366)	7086	17.1200	17
7 Trichlorofluoromethane	101	1.531	1.537	(0.366)	104764	23.3499	23
10 Isoprene	67	1.708	1.707	(0.408)	90694	19.8443	20
11 Ethyl Ether	59	1.726	1.726	(0.413)	62231	20.7376	21
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	56290	18.8082	19
9 Ethanol	46	1.897	1.872	(0.453)	89012	2827.20	2800
18 Carbon Disulfide	76	1.860	1.860	(0.445)	210965	23.6984	24
14 Freon TF	101	1.866	1.866	(0.446)	63852	21.0067	21
17 Iodomethane	142	1.927	1.927	(0.461)	31527	8.58898	8.6
13 Acrolein	56	2.061	2.061	(0.493)	38854	52.3843	52
22 Methylene Chloride	84	2.207	2.207	(0.528)	80645	21.0281	21

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56432.d
Report Date: 04-Apr-2012 23:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	16 Acetone	43	2.256	2.256	(0.539)	29400	21.7695	22
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.553)	74168	20.7435	21
	27 Methyl Acetate	74	2.329	2.329	(0.557)	17634	15.3953	15
	29 Hexane	86	2.360	2.360	(0.564)	16943	20.6680	21
	28 MTBE	73	2.396	2.396	(0.573)	228272	21.3434	21
	24 TBA	59	2.488	2.488	(0.595)	236815	432.490	430
	21 Acetonitrile	39	2.573	2.567	(0.615)	38077	326.057	330
	32 DIPE	45	2.652	2.652	(0.634)	249277	21.0297	21
	31 Vinyl Acetate	43	2.652	2.652	(0.634)	118569	21.0382	21
	30 1,1-Dichloroethane	63	2.732	2.732	(0.653)	136745	21.0285	21
	26 Acrylonitrile	53	2.780	2.780	(0.665)	37083	20.3058	20
	35 t-Butyl-ethyl-ether	59	2.915	2.921	(0.697)	228889	21.2389	21
	34 n-Propanol	42	2.994	3.000	(0.716)	112566	3121.45	3100
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.748)	86144	21.8636	22
	37 2,2-Dichloropropane	77	3.207	3.213	(0.767)	107666	23.4180	23
	44 Cyclohexane	56	3.274	3.274	(0.783)	127955	20.6356	21
	40 Bromochloromethane	128	3.280	3.280	(0.784)	41811	22.5318	22
	42 Chloroform	83	3.341	3.341	(0.799)	135609	21.7506	22
	45 Carbon Tetrachloride	117	3.445	3.445	(0.824)	90647	23.7379	24
	39 Ethyl Acetate	70	3.457	3.457	(0.827)	21176	40.8848	41
	41 Tetrahydrofuran	42	3.475	3.475	(0.831)	41584	19.7347	20
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.837)	111806	21.7040	22
	46 1,1-Dichloropropene	75	3.603	3.603	(0.862)	113009	22.4414	22
	38 2-Butanone	72	3.603	3.603	(0.862)	16732	21.7145	22
	51 n-Heptane	57	3.799	3.799	(0.908)	48590	19.8192	20
	48 Benzene	78	3.811	3.811	(0.491)	337522	19.7889	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.940)	187622	48.2637	48
	50 t-Amyl-methyl-ether	73	3.933	3.933	(0.940)	211677	21.0602	21
	49 1,2-Dichloroethane	62	3.994	3.994	(0.955)	100693	21.8878	22
*	52 Fluorobenzene	96	4.183	4.183	(1.000)	873980	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.017)	306796	40.7060	41
	56 Methyl cyclohexane	83	4.323	4.323	(1.034)	130950	20.8917	21
	54 Trichloroethene	95	4.341	4.341	(1.038)	85641	21.1036	21
	53 n-Butanol	56	4.737	4.737	(1.133)	246528	1555.65	1600
	58 Dibromomethane	93	4.737	4.743	(1.133)	50638	21.6800	22
	57 1,2-Dichloropropane	63	4.847	4.841	(1.159)	85914	21.4158	21
	55 Ethyl Acrylate	55	4.914	4.914	(1.175)	113922	20.3280	20
	68 Bromodichloromethane	83	4.920	4.920	(1.176)	106104	22.7789	23
	59 Methyl Methacrylate	100	5.128	5.121	(1.226)	23920	20.1319	20
	60 1,4-Dioxane	88	5.176	5.164	(1.238)	10391	141.662	140
	75 Propyl Acetate	43	5.286	5.286	(1.264)	254452	40.5196	40
	62 2-Chloroethyl Vinyl Ether	63	5.567	5.573	(1.331)	48335	19.1342	19
	67 cis-1,3-Dichloropropene	75	5.603	5.609	(0.722)	134501	20.5768	20
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	686248	45.7238	46
	66 Toluene	91	5.871	5.871	(0.756)	375530	19.3827	19
	63 Epichlorohydrin	57	5.902	5.902	(0.760)	215754	406.523	410
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	79952	18.7364	19

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56432.d
Report Date: 04-Apr-2012 23:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	70 4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	85282	18.0193	18
	64 trans-1,3-Dichloropropene	75	6.390	6.389	(0.823)	123697	20.7438	21
	69 1,1,2-Trichloroethane	83	6.572	6.578	(0.847)	66593	19.9048	20
	74 Dibromochloromethane	129	6.780	6.780	(0.874)	82780	21.4024	21
	72 1,3-Dichloropropane	76	6.908	6.908	(0.890)	135790	19.9042	20
	77 1,2-Dibromoethane	107	7.048	7.054	(0.908)	79822	19.6099	20
	76 Butyl Acetate	73	7.383	7.383	(0.951)	47019	36.7103	37
	73 2-Hexanone	43	7.456	7.456	(0.961)	68260	18.4629	18
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	714977	50.0000	
	79 Chlorobenzene	112	7.786	7.786	(1.003)	242437	20.1568	20
	81 Ethylbenzene	106	7.865	7.865	(1.013)	121952	19.1368	19
	80 1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.017)	78170	20.4857	20
	82 m+p-Xylene	106	8.078	8.084	(1.041)	306240	39.3636	39
	84 o-Xylene	106	8.694	8.694	(1.120)	143241	19.3002	19
	86 Bromoform	173	8.755	8.755	(1.128)	56788	21.4168	21
	85 Styrene	104	8.773	8.779	(1.130)	254458	19.9907	20
	87 Amyl Acetate	43	8.810	8.810	(0.776)	55926	21.8180	22
	83 Butyl Acrylate	73	9.090	9.090	(1.171)	62400	19.2565	19
	88 Isopropylbenzene	105	9.188	9.188	(1.184)	374889	19.1745	19
	90 Camphene (total)	41	9.316	9.322	(1.200)	24109	17.3459	17
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	251190	49.8515	50
	91 Bromobenzene	156	9.688	9.688	(0.854)	100854	18.9796	19
	95 n-Propylbenzene	91	9.834	9.834	(0.867)	461504	18.3919	18
	92 1,1,2,2-Tetrachloroethane	83	9.968	9.974	(0.879)	113557	19.0193	19
	96 2-Chlorotoluene	91	10.017	10.017	(0.883)	282257	18.9250	19
	93 1,2,3-Trichloropropane	110	10.121	10.127	(0.892)	33790	18.5686	18
	97 1,3,5-Trimethylbenzene	105	10.181	10.181	(0.897)	319454	18.3952	18
	94 trans-1,4-Dichloro-2-butene	53	10.242	10.242	(0.903)	30376	20.0611	20
	98 4-Chlorotoluene	91	10.291	10.291	(0.907)	302960	19.1418	19
	100 tert-Butylbenzene	119	10.669	10.663	(0.940)	261716	17.7797	18
	99 Butyl Methacrylate	87	10.773	10.779	(0.949)	111487	17.2572	17
	101 1,2,4-Trimethylbenzene	105	10.791	10.791	(0.951)	345694	19.1880	19
	103 sec-Butylbenzene	105	10.962	10.962	(0.966)	402666	17.8388	18
	105 1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	195447	18.2033	18
	107 p-Isopropyltoluene	119	11.230	11.230	(0.990)	335649	17.6874	18
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	386057	50.0000	
	109 1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	203378	18.5160	18
	104 2-Octanol	45	11.474	11.474	(1.011)	25061	23.4577	23(R)
	102 2-Octanone	43	11.657	11.657	(1.027)	121711	18.2716	18
	110 Benzyl Chloride	91	11.748	11.748	(1.035)	218019	22.3623	22
	106 n-Butylbenzene	91	11.821	11.821	(1.042)	323556	17.8676	18
	111 1,2-Dichlorobenzene	146	11.919	11.919	(1.050)	197479	19.0786	19
	112 1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	22304	19.4580	19
	114 1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	127824	18.3744	18
	115 Hexachlorobutadiene	225	13.522	13.522	(1.192)	45329	16.0317	16
	113 Camphor	95	13.772	13.772	(1.214)	54332	91.9018	92
	116 Naphthalene	128	13.803	13.803	(1.217)	370786	21.2008	21

Data File: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b/p56432.d
Report Date: 04-Apr-2012 23:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	123991	20.0421	20
M 120 1,2-Dichloroethene (Total)	100				160313	42.6071	43
M 121 Xylene (Total)	100				449482	58.6638	59

QC Flag Legend

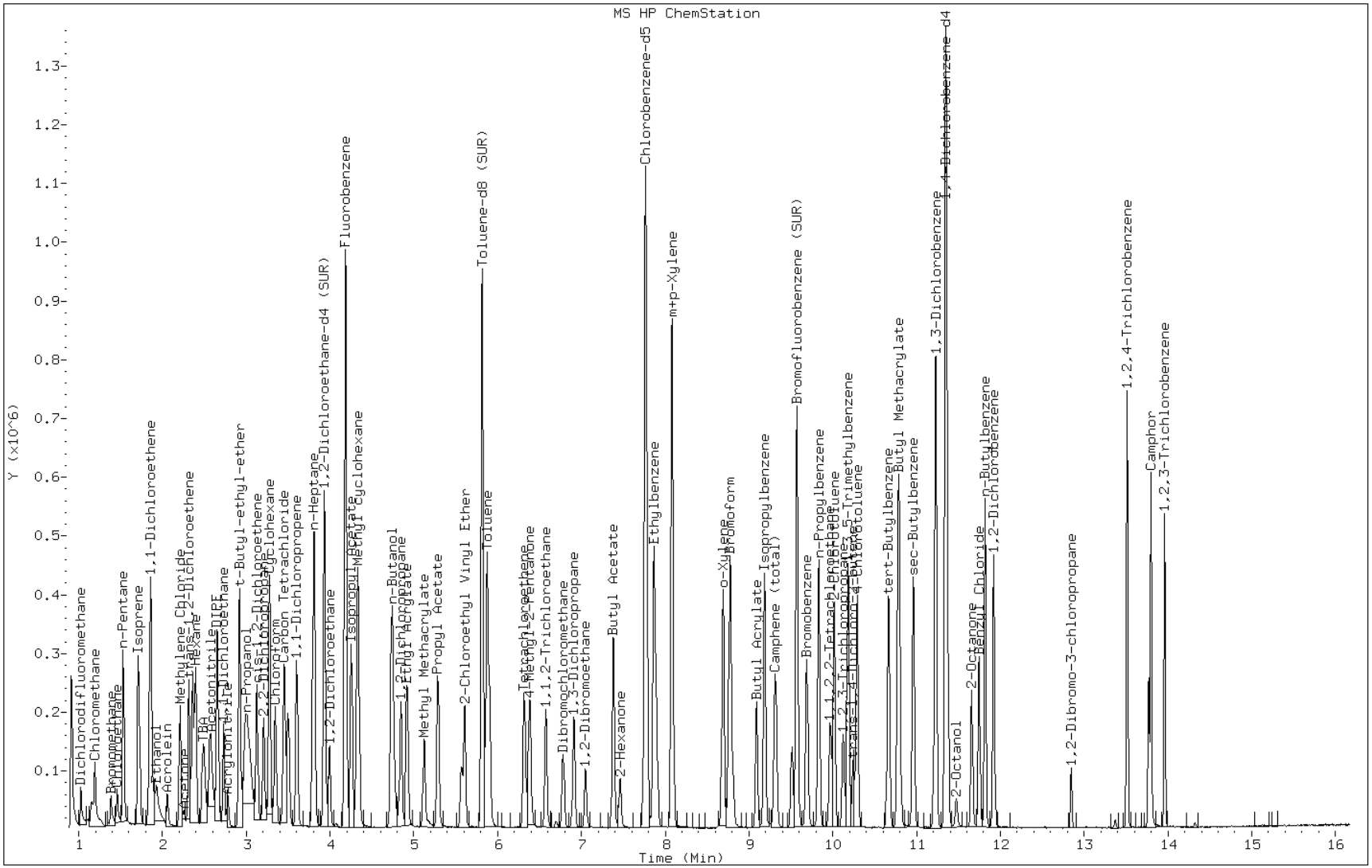
R - Spike/Surrogate failed recovery limits.

Data File: p56432.d

Date: 04-APR-2012 22:20

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-108324/3

Matrix: Water Lab File ID: p56461.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 10:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	21.9		1.0	0.10
74-83-9	Bromomethane	14.3		1.0	0.18
75-01-4	Vinyl chloride	19.7		1.0	0.14
75-00-3	Chloroethane	23.9		1.0	0.17
75-09-2	Methylene Chloride	19.8		1.0	0.18
67-64-1	Acetone	21.6		5.0	2.7
75-15-0	Carbon disulfide	21.6		1.0	0.13
75-35-4	1,1-Dichloroethene	19.6		1.0	0.090
75-34-3	1,1-Dichloroethane	19.9		1.0	0.13
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21.3		1.0	0.18
67-66-3	Chloroform	21.1		1.0	0.080
107-06-2	1,2-Dichloroethane	21.1		1.0	0.19
78-93-3	2-Butanone	19.1		5.0	2.3
71-55-6	1,1,1-Trichloroethane	20.8		1.0	0.060
56-23-5	Carbon tetrachloride	23.0		1.0	0.060
75-27-4	Bromodichloromethane	21.5		1.0	0.12
78-87-5	1,2-Dichloropropane	20.9		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.18
79-01-6	Trichloroethene	20.0		1.0	0.090
124-48-1	Dibromochloromethane	20.2		1.0	0.20
79-00-5	1,1,2-Trichloroethane	18.5		1.0	0.19
71-43-2	Benzene	18.7		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.24
75-25-2	Bromoform	20.6		1.0	0.19
108-10-1	4-Methyl-2-pentanone	16.8		5.0	0.99
591-78-6	2-Hexanone	16.9		5.0	0.50
127-18-4	Tetrachloroethene	18.4		1.0	0.10
79-34-5	1,1,2,2-Tetrachloroethane	18.4		1.0	0.16
108-88-3	Toluene	18.2		1.0	0.15
108-90-7	Chlorobenzene	19.1		1.0	0.11
100-41-4	Ethylbenzene	18.7		1.0	0.10
100-42-5	Styrene	19.4		1.0	0.12
1330-20-7	Xylenes, Total	56.9		3.0	0.36

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-108324/3

Matrix: Water Lab File ID: p56461.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 04/05/2012 10:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 108324 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-130
2037-26-5	Toluene-d8 (Surr)	91		70-130
460-00-4	Bromofluorobenzene	101		70-130

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56461.d
Report Date: 05-Apr-2012 12:01

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56461.d
Lab Smp Id: LCS
Inj Date : 05-APR-2012 10:42
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/8260_09.m
Meth Date : 05-Apr-2012 11:29 desais Quant Type: ISTD
Cal Date : 28-FEB-2012 04:38 Cal File: p54974.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	1.025	1.025	(0.245)	60365	22.3818	22
3 Chloromethane	50	1.171	1.165	(0.280)	77107	21.8988	22
4 Vinyl Chloride	62	1.189	1.189	(0.284)	76776	19.7068	20
6 Bromomethane	94	1.378	1.378	(0.329)	27144	14.2687	14
5 Chloroethane	64	1.458	1.451	(0.348)	41029	23.8695	24
8 n-Pentane	72	1.531	1.525	(0.365)	11829	30.0785	30
7 Trichlorofluoromethane	101	1.537	1.537	(0.367)	85794	20.1257	20
10 Isoprene	67	1.714	1.714	(0.409)	90812	20.9132	21
11 Ethyl Ether	59	1.726	1.726	(0.412)	55576	19.4922	19
15 1,1-Dichloroethene	96	1.842	1.842	(0.440)	55804	19.6245	20
9 Ethanol	46	1.823	1.836	(0.435)	73282	2449.76	2400
18 Carbon Disulfide	76	1.860	1.860	(0.444)	182347	21.5590	22
14 Freon TF	101	1.866	1.866	(0.445)	59568	20.6261	21
17 Iodomethane	142	1.933	1.933	(0.462)	42437	12.1680	12
13 Acrolein	56	2.061	2.061	(0.492)	30271	42.9550	43
22 Methylene Chloride	84	2.207	2.207	(0.527)	72327	19.8492	20

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56461.d
Report Date: 05-Apr-2012 12:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	16 Acetone	43	2.244	2.250	(0.536)	27655	21.5521	22
	25 trans-1,2-Dichloroethene	96	2.311	2.311	(0.552)	66435	19.5560	20
	27 Methyl Acetate	74	2.329	2.335	(0.556)	16660	15.3080	15
	29 Hexane	86	2.366	2.366	(0.565)	16052	20.6091	21
	28 MTBE	73	2.390	2.396	(0.571)	195480	19.2369	19
	24 TBA	59	2.470	2.476	(0.590)	177768	341.697	340
	21 Acetonitrile	39	2.561	2.561	(0.611)	38689	348.683	350
	32 DIPE	45	2.652	2.659	(0.633)	214217	19.0207	19
	31 Vinyl Acetate	43	2.652	2.652	(0.633)	101602	18.9741	19
	30 1,1-Dichloroethane	63	2.732	2.732	(0.652)	123008	19.9091	20
	26 Acrylonitrile	53	2.781	2.780	(0.664)	30361	17.4976	17
	35 t-Butyl-ethyl-ether	59	2.921	2.921	(0.697)	216736	21.1671	21
	34 n-Propanol	42	2.970	2.976	(0.709)	106497	3108.18	3100
	36 cis-1,2-Dichloroethene	96	3.128	3.128	(0.747)	79793	21.3148	21
	37 2,2-Dichloropropane	77	3.213	3.207	(0.767)	98505	22.5500	22
	44 Cyclohexane	56	3.280	3.274	(0.783)	118997	20.1984	20
	40 Bromochloromethane	128	3.280	3.280	(0.783)	38497	21.8350	22
	42 Chloroform	83	3.341	3.341	(0.798)	125249	21.1436	21
	45 Carbon Tetrachloride	117	3.445	3.445	(0.822)	83621	23.0474	23
	39 Ethyl Acetate	70	3.457	3.457	(0.825)	18969	38.5460	38
	41 Tetrahydrofuran	42	3.469	3.475	(0.828)	39967	19.9628	20
	43 1,1,1-Trichloroethane	97	3.500	3.500	(0.836)	101831	20.8053	21
	46 1,1-Dichloropropene	75	3.604	3.603	(0.860)	98426	20.5717	20
	38 2-Butanone	72	3.604	3.603	(0.860)	13992	19.1115	19
	51 n-Heptane	57	3.799	3.799	(0.907)	46128	19.8024	20
	48 Benzene	78	3.811	3.811	(0.491)	310391	18.6866	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.933	3.933	(0.939)	176861	47.8841	48
	50 t-Amyl-methyl-ether	73	3.933	3.933	(0.939)	208349	21.8174	22
	49 1,2-Dichloroethane	62	3.994	3.994	(0.953)	92364	21.1314	21
*	52 Fluorobenzene	96	4.189	4.183	(1.000)	830385	50.0000	
	61 Isopropyl Acetate	43	4.256	4.256	(1.016)	271008	37.8453	38
	56 Methyl cyclohexane	83	4.323	4.323	(1.032)	120998	20.3174	20
	54 Trichloroethene	95	4.341	4.341	(1.036)	77011	19.9733	20
	53 n-Butanol	56	4.725	4.725	(1.128)	227077	1508.14	1500
	58 Dibromomethane	93	4.737	4.737	(1.131)	46762	21.0713	21
	57 1,2-Dichloropropane	63	4.847	4.841	(1.157)	79581	20.8784	21
	55 Ethyl Acrylate	55	4.908	4.908	(1.172)	107481	20.1854	20
	68 Bromodichloromethane	83	4.920	4.920	(1.175)	95314	21.5366	22
	59 Methyl Methacrylate	100	5.122	5.121	(1.223)	23022	20.3929	20
	60 1,4-Dioxane	88	5.152	5.152	(1.230)	10228	146.760	150
	75 Propyl Acetate	43	5.286	5.286	(1.262)	221140	37.0636	37
	62 2-Chloroethyl Vinyl Ether	63	5.567	5.567	(1.329)	43617	18.1727	18
	67 cis-1,3-Dichloropropene	75	5.603	5.609	(0.722)	121965	19.1596	19
$	65 Toluene-d8 (SUR)	98	5.816	5.816	(0.749)	667321	45.6560	46
	66 Toluene	91	5.871	5.871	(0.756)	343690	18.2154	18
	63 Epichlorohydrin	57	5.902	5.902	(0.760)	183653	355.326	360
	71 Tetrachloroethene	166	6.316	6.316	(0.814)	76424	18.3902	18

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56461.d
Report Date: 05-Apr-2012 12:01

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	70 4-Methyl-2-Pentanone	43	6.365	6.365	(0.820)	77271	16.7648	17
	64 trans-1,3-Dichloropropene	75	6.390	6.390	(0.823)	112228	19.3255	19
	69 1,1,2-Trichloroethane	83	6.579	6.572	(0.848)	60144	18.4596	18
	74 Dibromochloromethane	129	6.786	6.780	(0.874)	76234	20.2388	20
	72 1,3-Dichloropropane	76	6.908	6.908	(0.890)	126462	19.0344	19
	77 1,2-Dibromoethane	107	7.054	7.048	(0.909)	74818	18.8739	19
	76 Butyl Acetate	73	7.377	7.377	(0.950)	45054	36.1201	36
	73 2-Hexanone	43	7.456	7.456	(0.961)	60955	16.9294	17
*	78 Chlorobenzene-d5	117	7.761	7.761	(1.000)	696290	50.0000	
	79 Chlorobenzene	112	7.786	7.786	(1.003)	224196	19.1404	19
	81 Ethylbenzene	106	7.865	7.865	(1.013)	116326	18.7437	19
	80 1,1,1,2-Tetrachloroethane	131	7.895	7.895	(1.017)	73645	19.8176	20
	82 m+p-Xylene	106	8.084	8.084	(1.042)	288701	38.1051	38
	84 o-Xylene	106	8.688	8.688	(1.119)	135927	18.8062	19
	86 Bromoform	173	8.761	8.755	(1.129)	53320	20.6483	21
	85 Styrene	104	8.773	8.773	(1.130)	240906	19.4339	19
	87 Amyl Acetate	43	9.090	8.810	(0.801)	5554	2.22163	2.2
	83 Butyl Acrylate	73	9.090	9.090	(1.171)	61366	19.4454	19
	88 Isopropylbenzene	105	9.188	9.188	(1.184)	365180	19.1792	19
	90 Camphene (total)	41	9.316	9.316	(1.200)	27760	20.5086	20
$	89 Bromofluorobenzene (SUR)	174	9.572	9.572	(0.844)	247747	50.4138	50
	91 Bromobenzene	156	9.694	9.688	(0.854)	94269	18.1898	18
	95 n-Propylbenzene	91	9.834	9.834	(0.867)	440520	18.0004	18
	92 1,1,2,2-Tetrachloroethane	83	9.968	9.968	(0.879)	107059	18.3851	18
	96 2-Chlorotoluene	91	10.017	10.017	(0.883)	264024	18.1510	18
	93 1,2,3-Trichloropropane	110	10.127	10.127	(0.893)	30359	17.1055	17
	97 1,3,5-Trimethylbenzene	105	10.181	10.181	(0.897)	307723	18.1686	18
	94 trans-1,4-Dichloro-2-butene	53	10.242	10.242	(0.903)	32145	21.7667	22
	98 4-Chlorotoluene	91	10.291	10.291	(0.907)	288200	18.6705	19
	100 tert-Butylbenzene	119	10.669	10.663	(0.940)	255025	17.7640	18
	99 Butyl Methacrylate	87	10.773	10.773	(0.949)	112435	17.8434	18
	101 1,2,4-Trimethylbenzene	105	10.791	10.791	(0.951)	324584	18.4726	18
	103 sec-Butylbenzene	105	10.962	10.962	(0.966)	390974	17.7596	18
	105 1,3-Dichlorobenzene	146	11.224	11.224	(0.989)	186265	17.7875	18
	107 p-Isopropyltoluene	119	11.230	11.230	(0.990)	331970	17.9367	18
*	108 1,4-Dichlorobenzene-d4	152	11.346	11.346	(1.000)	376519	50.0000	
	109 1,4-Dichlorobenzene	146	11.370	11.370	(1.002)	190321	17.7662	18
	104 2-Octanol	45	11.474	11.474	(1.011)	26970	25.8836	26(R)
	102 2-Octanone	43	11.657	11.657	(1.027)	128651	19.8026	20
	110 Benzyl Chloride	91	11.748	11.748	(1.035)	197626	20.7840	21
	106 n-Butylbenzene	91	11.821	11.821	(1.042)	317417	17.9726	18
	111 1,2-Dichlorobenzene	146	11.925	11.919	(1.051)	182706	18.0985	18
	112 1,2-Dibromo-3-chloropropane	75	12.846	12.846	(1.132)	19463	17.4092	17
	114 1,2,4-Trichlorobenzene	180	13.510	13.510	(1.191)	126556	18.6528	19
	115 Hexachlorobutadiene	225	13.522	13.522	(1.192)	44970	16.3075	16
	113 Camphor	95	13.772	13.766	(1.214)	58034	100.610	100
	116 Naphthalene	128	13.803	13.803	(1.217)	350555	20.5517	20

Data File: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b/p56461.d
Report Date: 05-Apr-2012 12:01

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
117 1,2,3-Trichlorobenzene	180	13.961	13.961	(1.230)	118089	19.5716	20
M 120 1,2-Dichloroethene (Total)	100				146228	40.8709	41
M 121 Xylene (Total)	100				424628	56.9112	57

QC Flag Legend

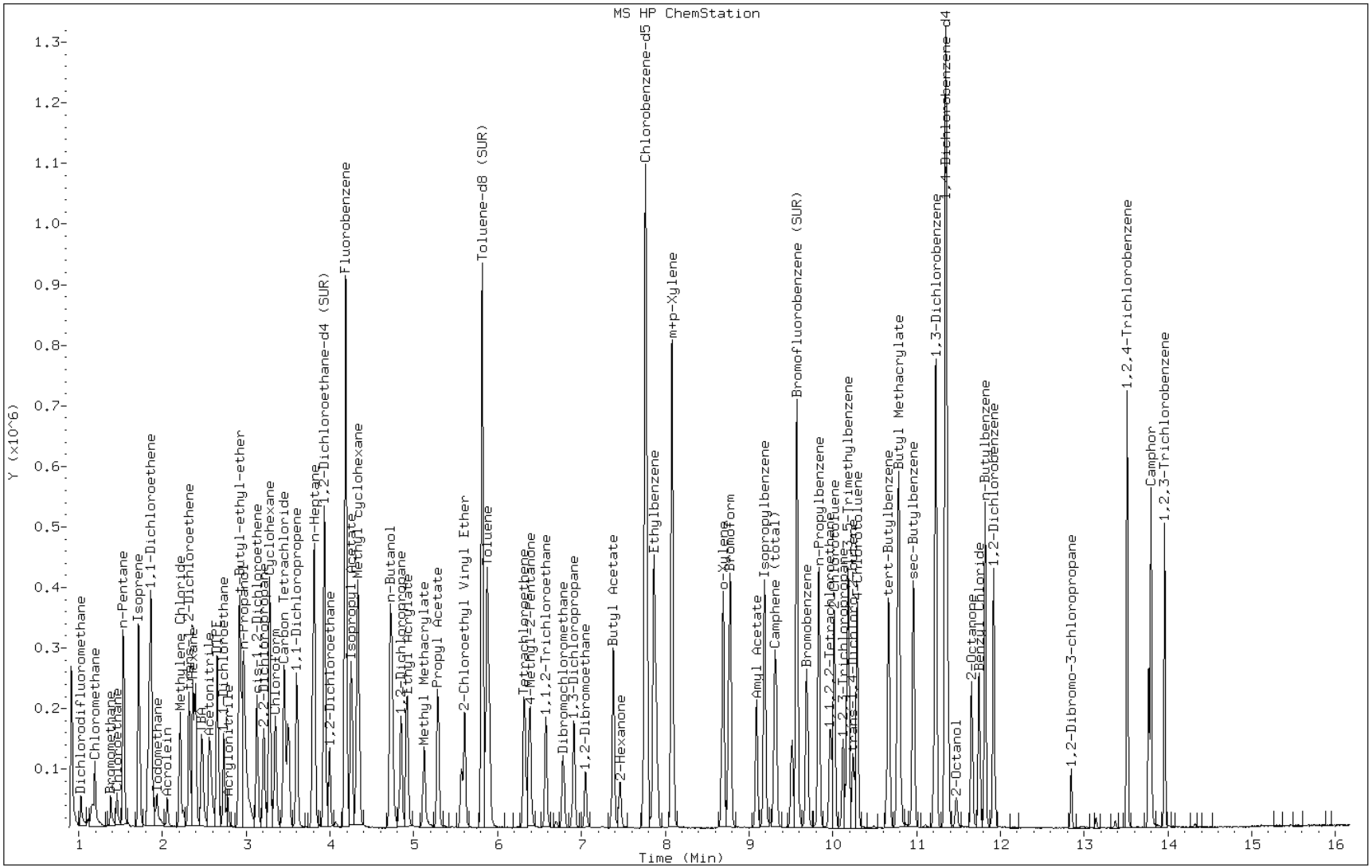
R - Spike/Surrogate failed recovery limits.

Data File: p56461.d

Date: 05-APR-2012 10:42

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 02/28/2012 01:00

Analysis Batch Number: 103920 End Date: 02/28/2012 06:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-103920/1		02/28/2012 01:00	1	p54965.d	DB-624 0.18(mm)
IC 460-103920/2		02/28/2012 02:37	1	p54969.d	DB-624 0.18(mm)
IC 460-103920/3		02/28/2012 03:01	1	p54970.d	DB-624 0.18(mm)
ICIS 460-103920/4		02/28/2012 03:25	1	p54971.d	DB-624 0.18(mm)
IC 460-103920/5		02/28/2012 03:49	1	p54972.d	DB-624 0.18(mm)
IC 460-103920/6		02/28/2012 04:14	1	p54973.d	DB-624 0.18(mm)
IC 460-103920/7		02/28/2012 04:38	1	p54974.d	DB-624 0.18(mm)
ZZZZZ		02/28/2012 06:50	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 04/04/2012 21:33

Analysis Batch Number: 108274 End Date: 04/05/2012 08:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-108274/1		04/04/2012 21:33	1	p56430.d	DB-624 0.18(mm)
CCVIS 460-108274/2		04/04/2012 21:56	1	p56431.d	DB-624 0.18(mm)
LCS 460-108274/3		04/04/2012 22:20	1	p56432.d	DB-624 0.18(mm)
MB 460-108274/4		04/04/2012 23:42	1	p56435.d	DB-624 0.18(mm)
ZZZZZ		04/05/2012 00:06	1		DB-624 0.18(mm)
460-38556-7	TRIP BLANK	04/05/2012 00:30	1	p56437.d	DB-624 0.18(mm)
ZZZZZ		04/05/2012 00:55	1		DB-624 0.18(mm)
460-38556-6	FB-033012	04/05/2012 01:19	1	p56439.d	DB-624 0.18(mm)
ZZZZZ		04/05/2012 01:43	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 02:07	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 02:31	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 03:20	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 03:44	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 04:08	5		DB-624 0.18(mm)
ZZZZZ		04/05/2012 04:32	5		DB-624 0.18(mm)
ZZZZZ		04/05/2012 05:45	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 06:15	1		DB-624 0.18(mm)
460-38556-2	OW-5	04/05/2012 06:34	1	p56452.d	DB-624 0.18(mm)
460-38556-5	DUP-033012	04/05/2012 06:58	1	p56453.d	DB-624 0.18(mm)
460-38556-3 DL	MW-34I DL	04/05/2012 07:22	10	p56454.d	DB-624 0.18(mm)
460-38556-1 DL	OW-4 DL	04/05/2012 08:10	10	p56456.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-38556-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 04/05/2012 08:53

Analysis Batch Number: 108324 End Date: 04/05/2012 18:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-108324/1		04/05/2012 08:53	1	p56458.d	DB-624 0.18(mm)
CCVIS 460-108324/2		04/05/2012 10:10	1	p56460.d	DB-624 0.18(mm)
LCS 460-108324/3		04/05/2012 10:42	1	p56461.d	DB-624 0.18(mm)
MB 460-108324/4		04/05/2012 11:40	1	p56463.d	DB-624 0.18(mm)
ZZZZZ		04/05/2012 12:31	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 12:56	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 14:57	10		DB-624 0.18(mm)
ZZZZZ		04/05/2012 15:21	10		DB-624 0.18(mm)
ZZZZZ		04/05/2012 16:09	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 16:33	1		DB-624 0.18(mm)
ZZZZZ		04/05/2012 16:57	1		DB-624 0.18(mm)
460-38556-5 DL	DUP-033012 DL	04/05/2012 17:21	10	p56477.d	DB-624 0.18(mm)
460-38556-4 DL	MW-35I DL	04/05/2012 17:46	10	p56478.d	DB-624 0.18(mm)
460-38556-1	OW-4	04/05/2012 18:10	1	p56479.d	DB-624 0.18(mm)
460-38556-3	MW-34I	04/05/2012 18:34	1	p56480.d	DB-624 0.18(mm)
460-38556-4	MW-35I	04/05/2012 18:58	2	p56481.d	DB-624 0.18(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/02-28-12/28feb12.b

Date Generated: 02/28/2012

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103920

103893 ~~103893~~ sm

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
02/28/12 0100	p54965.d	2	BFB		0	0	1	all			G
02/28/12 0213	p54968.d	3	IC-VMCAL1		5	0	1	all		8260 HIGH 8260 IS: 1353648	Not used
02/28/12 0237	p54969.d	4	IC-VMCAL1		5	0	1	all		SURR 500: SURR 250: 1344560	G
02/28/12 0301	p54970.d	5	IC-VMCAL2		5	0	1	all		GAS 500: 1401180 MIX 1 500: 1366287	G
02/28/12 0325	p54971.d	6	ICIS-VMCAL3		5	0	1	all		MIX 2 500: 1366341 MIX 3: 1366342	G
02/28/12 0349	p54972.d	7	IC-VMCAL4		5	0	1	all		AC/AC: 1366344 GAS SP: ~~1401180~~	G
02/28/12 0414	p54973.d	8	IC-VMCAL5		5	0	1	all		8260 SP: 1366295	G
02/28/12 0438	p54974.d	9	IC-VMCAL6		5	0	1	all		MIX 3 SP: 1366343 AC/AC SP: 1366345	G
02/28/12 0626	p54978.d	13	ICV		5	0	1	all		MISC: BFB 1358820 Meth 51182	Not used
02/28/12 0650	p54979.d	14	ICV		5	0	1	all		1366346 1366347 1401181 1366382	G

ICV std. — [ ]

ICV std. — [ ]

Signed: Samudh Desai for Kenny Read and Understood by: Samudh Desai

Date: 02/28/12 Date: 02/28/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b

Date Generated: 04/05/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
										8260 HIGH	
04/04/12 2133	p56430.d	2	BFB		0	0	1	all		8260 IS: 1449721	G
04/04/12 2156	p56431.d	1	CCVIS		5	0	1	all		SURR 500:	
04/04/12 2220	p56432.d	3	LCS		5	0	1	all		SURR 250: 1457729 GAS 500: 1460643	G
04/04/12 2254	p56433.d	4	MB		5	0	1	all		MIX 1 500: 1462769 MIX 2 500: 1462796	G
04/04/12 2318	p56434.d	5	MB		5	0	1	all		MIX 3: 1462797 AC/AC: 1462795	NG·c/o
04/04/12 2342	p56435.d	6	MB		5	0	1	all		GAS SP: 1460644 8260 SP: 1462790	↓
04/05/12 0006	p56436.d	7	460-38431-A-1	TB032812	5	0	1	all	ℓℓ	MIX 3 SP: 1462798 AC/AC SP: 1462800	G
04/05/12 0030	p56437.d	8	460-38556-A-7	TRIP BLANK	5	0	1	all	ℓℓ	MISC: BFB 1358020 MeOH STD 1462801 1462802	G
04/05/12 0055	p56438.d	9	460-38406-A-11	Field Blank-032812	5	0	1	all	ℓℓ		G
04/05/12 0119	p56439.d	10	460-38556-A-6	FB-033012	5	0	1	all	ℓℓ		G
04/05/12 0143	p56440.d	11	460-38431-A-2	MW-4	5	0	1	all	ℓℓ		G
04/05/12 0207	p56441.d	12	460-38431-A-3	MW-2	5	0	1	all	ℓℓ		G
04/05/12 0231	p56442.d	13	460-38431-A-4	MW-1	5	0	1	all	ℓℓ		G
04/05/12 0256	p56443.d	14	460-38431-A-5	MW-8	5	0	1	all	ℓℓ		RR·c/o

Dilution: 5x · 10mL → 50mL F.V.

10x · 5mL → 50mL F.V.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/02-28-12/04apr12a.b

Date Generated: 04/05/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/05/12 0320	p56444.d	15	460-38431-A-6	MW-7	5	0	1	all	12		G
04/05/12 0344	p56445.d	16	460-38465-D-3	MW-1	5	0	1	all	12		G - link to batch # 108104
04/05/12 0408	p56446.d	17	460-38431-A-2MS		5	0	5	all	12		G
04/05/12 0432	p56447.d	18	460-38431-A-2MSD		5	0	5	all	12		G
04/05/12 0457	p56448.d	19	BLK		5	0	1	all			cleanup
04/05/12 0521	p56449.d	20	BLK		5	0	1	all			↓
04/05/12 0545	p56450.d	21	460-38431-A-7	MP-61	5	0	1	all	12		G
04/05/12 0615	p56451.d	22	460-38431-A-8	MW-5	5	0	1	all	12		G
04/05/12 0634	p56452.d	23	460-38556-A-2	OW-5	5	0	1	all	7		G
04/05/12 0658	p56453.d	24	460-38556-A-5	DUP-033012	5	0	1	all	12		DL-10X / G
04/05/12 0722	p56454.d	25	460-38556-A-3	MW-34I	5	0	10	all	12		G, RR-1X
04/05/12 0746	p56455.d	26	460-38556-A-4	MW-35I	5	0	5	all	12		DL-10X / 2X
04/05/12 0810	p56456.d	27	460-38556-A-1	OW-4	5	0	10	all	12		G, RR-1X
04/05/12 0835	p56457.d	28	BLANK		5	0	1	all			cleanup

Signed: Saurabh Desai for kenny 04/05/12 Read and Understood by: Saurabh Desai 04/05/12

04/11/2012

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TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b

Date Generated: 04/06/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/05/12 0853	p56458.d	2	BFB		0	0	1	all		8260 HIGH	G
04/05/12 0915	p56459.d	1	CCVIS		5	0	1	all		8260 IS: 1439721 SURR 500:	WL.
04/05/12 1010	p56460.d	3	CCVIS		5	0	1	all		SURR 250: 1439729 GAS 500: 1460643	G
04/05/12 1042	p56461.d	3	LCS		5	0	1	all		MIX 1 500: 1462769 MIX 2 500: 1462796	G
04/05/12 1115	p56462.d	4	MB		5	0	1	all		MIX 3: 1462797 AC/AC: 1462799	NG
04/05/12 1140	p56463.d	5	MB		5	0	1	all		GAS SP: 1460644 8260 SP: 1462770	G
04/05/12 1231	p56465.d	7	460-38380-B-2	MW-7	5	0	1	all	<2	MIX 3 SP: 1462798 AC/AC SP: 1462800	G
04/05/12 1256	p56466.d	8	460-38380-B-1	MW-6	5	0	1	all	<2	MISC: BFB 1358020	G
04/05/12 1457	p56471.d	13	460-38380-B-2MS		5	0	10	all	<2	MEOH 5182	G
04/05/12 1521	p56472.d	14	460-38380-B-2MSD		5	0	10	all	<2	1462801	NG
04/05/12 1545	p56473.d	15	BLANK		5	0	1	all		1462802	G
04/05/12 1609	p56474.d	16	460-38431-B-5	MW-8	5	0	1	all	<2		G
04/05/12 1633	p56475.d	17	460-38688-A-1	UST-1	5	0	1	all	<2		G
04/05/12 1657	p56476.d	18	460-38688-B-3	Dwell-3	5	0	1	all	<2		G

Dilution 10x → 5.0mL → 50mL F.V.,

2x - 25mL → 50mL F.V.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/02-28-12/05apr12.b

Date Generated: 04/06/2012

Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
04/05/12 1721	p56477.d	19	460-38556-B-5	DUP-033012	5	0	10	all	<2		G
04/05/12 1746	p56478.d	20	460-38556-B-4	MW-35I	5	0	10	all	<2		G
04/05/12 1810	p56479.d	21	460-38556-B-1	OW-4	5	0	1	all	<2		G See P56456(D1)
04/05/12 1834	p56480.d	22	460-38556-B-3	MW-34I	5	0	1	all	<2		G See P56454(D1)
04/05/12 1858	p56481.d	23	460-38556-B-4	MW-35I	5	0	2	all	<2		G See P RR 10X(D1) 4/5/12
04/05/12 1922	p56482.d	24	BLANK		5	0	1	all			NG
04/05/12 1946	p56483.d	25	BLANK		5	0	1	all			NG
04/05/12 2010	p56484.d	26	BLANK		5	0	1	all			NG

Signed: KB for Saurabh Desai Read and Understood by: Ken Boykin

Date: 4/5/12 Date: 4/5/12

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Jeff Wills	Samplers Name (Printed) Jeff Wills	Site/Project Identification MBA - MANORHAVEN - 0771.0001Y000
Company Roux Associates, Inc	P. O. #	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 209 SHAFTER STREET	Analysis Turnaround Time: Standard ☒	Regulatory Program:
City ISLANDIA State NY	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 631-232-2600 Fax 631-232-9898		Job No: 38556

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	Full List VOC 8260B - Local Method	Sample Numbers
OW-4	3/30/12	0930	AQ	3	X	1
OW-5		1120		3	X	2
MW-34I		1220		3	X	3
MW-35I		1315		3	X	4
DUP-033012		0830		3	X	5
FB-033012		1310		3	X	6
TRIP BLANK	↓	—	↓	3	X	7

Preservation Used: 1 = ICE, (2 = HCl), 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:
Water: 2

Special Instructions HIGH pH on SAMPLES OW-5 & MW-35I (pH = 10 SU) Water Metals Filtered (Yes/No)? —

Relinquished by	Company	Date / Time	Received by	Company
1) JF Wills	Roux	3/30/12 1415	1)	
Relinquished by 2) Fedex	Company	Date / Time 3/31/12	Received by 2) [illegible] 9053 3/31/12	Company TA
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

04/11/2012

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3.9 #52

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-38556-1

Login Number: 38556

List Source: TestAmerica Edison

List Number: 1

Creator: Hall, Alonzo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	client seal
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	3.9° c ir 50
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-44969-1

Job Description: MBA-Manorhaven 0771.0001Y000

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Mr. Jeffrey Wills

Approved for release.
Jennifer Capece
Project Mgmt. Assistant
9/28/2012 11:28 AM

Designee for
Melissa Haas
Project Manager I
melissa.haas@testamericainc.com
09/28/2012

cc: Ms. Sarah Kelly

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

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TestAmerica Laboratories, Inc.
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NELAP ACCREDITED TNI LABORATORY

Job Number: 460-44969-1

Job Description: MBA-Manorhaven 0771.0001Y000

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Jennifer Capece
Project Mgmt. Assistant
9/28/2012 11:28 AM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: Roux Associates, Inc.

Project: MBA-Manorhaven 0771.0001Y000

Report Number: 460-44969-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

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

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

RECEIPT

The samples were received on 09/22/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.1 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-44969-1 through 460-44969-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/26/2012 and 09/27/2012.

The following samples were diluted to bring the concentration of target analytes within the calibration range: DUP-092112 (460-44969-3), OW-4 (460-44969-1). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-44969-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-44969-1	OW-4	Water	09/21/2012 0950	09/22/2012 1100
460-44969-2	MW-35I	Water	09/21/2012 1045	09/22/2012 1100
460-44969-3	DUP-092112	Water	09/21/2012 1000	09/22/2012 1100
460-44969-4	FB-092112	Water	09/21/2012 0945	09/22/2012 1100
460-44969-5	TRIP BLANK	Water	09/21/2012 0000	09/22/2012 1100

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-44969-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-44969-1	**OW-4**					
Vinyl chloride		2.2	J	5.0	ug/L	8260B
1,1-Dichloroethene		6.3		5.0	ug/L	8260B
cis-1,2-Dichloroethene		140		5.0	ug/L	8260B
trans-1,2-Dichloroethene		3.7	J	5.0	ug/L	8260B
Trichloroethene		2100		5.0	ug/L	8260B
460-44969-2	**MW-35I**					
Vinyl chloride		0.40	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.3		1.0	ug/L	8260B
1,1-Dichloroethane		0.35	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.65	J	1.0	ug/L	8260B
MTBE		0.30	J	1.0	ug/L	8260B
1,1,1-Trichloroethane		1.3		1.0	ug/L	8260B
Trichloroethene		410		1.0	ug/L	8260B
Tetrachloroethene		3.3		1.0	ug/L	8260B
460-44969-3	**DUP-092112**					
Vinyl chloride		2.1	J	5.0	ug/L	8260B
1,1-Dichloroethene		6.3		5.0	ug/L	8260B
cis-1,2-Dichloroethene		150		5.0	ug/L	8260B
trans-1,2-Dichloroethene		4.0	J	5.0	ug/L	8260B
Trichloroethene		2300		5.0	ug/L	8260B
460-44969-4	**FB-092112**					
Methylene Chloride		1.8		1.0	ug/L	8260B
Chloroform		0.20	J	1.0	ug/L	8260B
460-44969-5	**TRIP BLANK**					
Methylene Chloride		1.9		1.0	ug/L	8260B
Chloroform		0.17	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-44969-1

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

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc. Job Number: 460-44969-1

Method	Analyst	Analyst ID
SW846 8260B	Boykin, Kenneth	KB
SW846 8260B	Desai, Saurab	SD

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **OW-4**

Lab Sample ID: 460-44969-1 Date Sampled: 09/21/2012 0950
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62083.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1620			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1620				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	5.0	U	1.1	5.0
Chloromethane	5.0	U	0.50	5.0
Bromomethane	5.0	U	0.90	5.0
Vinyl chloride	2.2	J	0.70	5.0
Chloroethane	5.0	U	0.85	5.0
Trichlorofluoromethane	5.0	U	0.75	5.0
Freon TF	5.0	U	0.40	5.0
Methylene Chloride	5.0	U	0.90	5.0
Acetone	25	U	13	25
Carbon disulfide	5.0	U	0.65	5.0
Methyl acetate	10	U	1.7	10
1,1-Dichloroethene	6.3		0.45	5.0
1,1-Dichloroethane	5.0	U	0.65	5.0
cis-1,2-Dichloroethene	140		0.90	5.0
trans-1,2-Dichloroethene	3.7	J	0.65	5.0
MTBE	5.0	U	0.70	5.0
Chloroform	5.0	U	0.40	5.0
1,2-Dichloroethane	5.0	U	0.95	5.0
2-Butanone	25	U	12	25
1,1,1-Trichloroethane	5.0	U	0.30	5.0
Cyclohexane	5.0	U	0.80	5.0
Carbon tetrachloride	5.0	U	0.30	5.0
Bromodichloromethane	5.0	U	0.60	5.0
1,2-Dichloropropane	5.0	U	0.45	5.0
cis-1,3-Dichloropropene	5.0	U	0.90	5.0
Trichloroethene	2100		0.45	5.0
Methylcyclohexane	5.0	U	0.70	5.0
Dibromochloromethane	5.0	U	1.0	5.0
1,1,2-Trichloroethane	5.0	U	0.95	5.0
Benzene	5.0	U	0.40	5.0
trans-1,3-Dichloropropene	5.0	U	1.2	5.0
Bromoform	5.0	U	0.95	5.0
Isopropylbenzene	5.0	U	0.40	5.0
4-Methyl-2-pentanone	25	U	5.0	25
2-Hexanone	25	U	2.5	25
Tetrachloroethene	5.0	U	0.50	5.0
Toluene	5.0	U	0.75	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.80	5.0
Chlorobenzene	5.0	U	0.55	5.0
Ethylbenzene	5.0	U	0.50	5.0
Xylenes, Total	15	U	1.8	15
Styrene	5.0	U	0.60	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	2.0	5.0
1,3-Dichlorobenzene	5.0	U	0.70	5.0
1,4-Dichlorobenzene	5.0	U	1.2	5.0
1,2-Dichlorobenzene	5.0	U	1.1	5.0

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **OW-4**

Lab Sample ID: 460-44969-1 Date Sampled: 09/21/2012 0950
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62083.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1620			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1620				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	5.0	U	1.7	5.0
1,2-Dibromoethane	5.0	U	1.4	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	76		70 - 130

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **MW-35I**

Lab Sample ID: 460-44969-2 Date Sampled: 09/21/2012 1045
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129463	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62103.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/27/2012 0111			Final Weight/Volume:	5 mL
Prep Date:	09/27/2012 0111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	0.40	J	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.3		0.090	1.0
1,1-Dichloroethane	0.35	J	0.13	1.0
cis-1,2-Dichloroethene	21		0.18	1.0
trans-1,2-Dichloroethene	0.65	J	0.13	1.0
MTBE	0.30	J	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.3		0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	410		0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	3.3		0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **MW-35I**

Lab Sample ID: 460-44969-2 Date Sampled: 09/21/2012 1045
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129463	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62103.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/27/2012 0111			Final Weight/Volume:	5 mL
Prep Date:	09/27/2012 0111				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	89		70 - 130
Bromofluorobenzene	76		70 - 130

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **DUP-092112**

Lab Sample ID: 460-44969-3 Date Sampled: 09/21/2012 1000
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62085.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1710			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1710				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	5.0	U	1.1	5.0
Chloromethane	5.0	U	0.50	5.0
Bromomethane	5.0	U	0.90	5.0
Vinyl chloride	2.1	J	0.70	5.0
Chloroethane	5.0	U	0.85	5.0
Trichlorofluoromethane	5.0	U	0.75	5.0
Freon TF	5.0	U	0.40	5.0
Methylene Chloride	5.0	U	0.90	5.0
Acetone	25	U	13	25
Carbon disulfide	5.0	U	0.65	5.0
Methyl acetate	10	U	1.7	10
1,1-Dichloroethene	6.3		0.45	5.0
1,1-Dichloroethane	5.0	U	0.65	5.0
cis-1,2-Dichloroethene	150		0.90	5.0
trans-1,2-Dichloroethene	4.0	J	0.65	5.0
MTBE	5.0	U	0.70	5.0
Chloroform	5.0	U	0.40	5.0
1,2-Dichloroethane	5.0	U	0.95	5.0
2-Butanone	25	U	12	25
1,1,1-Trichloroethane	5.0	U	0.30	5.0
Cyclohexane	5.0	U	0.80	5.0
Carbon tetrachloride	5.0	U	0.30	5.0
Bromodichloromethane	5.0	U	0.60	5.0
1,2-Dichloropropane	5.0	U	0.45	5.0
cis-1,3-Dichloropropene	5.0	U	0.90	5.0
Trichloroethene	2300		0.45	5.0
Methylcyclohexane	5.0	U	0.70	5.0
Dibromochloromethane	5.0	U	1.0	5.0
1,1,2-Trichloroethane	5.0	U	0.95	5.0
Benzene	5.0	U	0.40	5.0
trans-1,3-Dichloropropene	5.0	U	1.2	5.0
Bromoform	5.0	U	0.95	5.0
Isopropylbenzene	5.0	U	0.40	5.0
4-Methyl-2-pentanone	25	U	5.0	25
2-Hexanone	25	U	2.5	25
Tetrachloroethene	5.0	U	0.50	5.0
Toluene	5.0	U	0.75	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.80	5.0
Chlorobenzene	5.0	U	0.55	5.0
Ethylbenzene	5.0	U	0.50	5.0
Xylenes, Total	15	U	1.8	15
Styrene	5.0	U	0.60	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	2.0	5.0
1,3-Dichlorobenzene	5.0	U	0.70	5.0
1,4-Dichlorobenzene	5.0	U	1.2	5.0
1,2-Dichlorobenzene	5.0	U	1.1	5.0

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **DUP-092112**

Lab Sample ID: 460-44969-3 Date Sampled: 09/21/2012 1000
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62085.d
Dilution:	5.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1710			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1710				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	5.0	U	1.7	5.0
1,2-Dibromoethane	5.0	U	1.4	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	74		70 - 130

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **FB-092112**

Lab Sample ID: 460-44969-4 Date Sampled: 09/21/2012 0945
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62078.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1415			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1415				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.8		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	0.20	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **FB-092112**

Lab Sample ID: 460-44969-4 Date Sampled: 09/21/2012 0945
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62078.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1415			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1415				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	87		70 - 130
Bromofluorobenzene	73		70 - 130

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 460-44969-5 Date Sampled: 09/21/2012 0000
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62079.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1440			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1440				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.9		0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	0.17	J	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0

Client: Roux Associates, Inc. Job Number: 460-44969-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 460-44969-5 Date Sampled: 09/21/2012 0000
Client Matrix: Water Date Received: 09/22/2012 1100

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	p62079.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1440			Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1440				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	97		70 - 130
Bromofluorobenzene	84		70 - 130

Client: Roux Associates, Inc.

Job Number: 460-44969-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-44969-1	OW-4	112	89	76
460-44969-2	MW-35I	110	89	76
460-44969-3	DUP-092112	114	87	74
460-44969-4	FB-092112	112	87	73
460-44969-5	TRIP BLANK	128	97	84
MB 460-129391/4		113	88	75
MB 460-129463/3		112	89	75
LCS 460-129391/3		119	100	81
LCS 460-129463/11		109	92	75

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Method Blank - Batch: 460-129391

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-129391/4	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62069.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1029	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1029				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0

Client: Roux Associates, Inc. Job Number: 460-44969-1

Method Blank - Batch: 460-129391

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-129391/4	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62069.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 1029	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 1029				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 130
Toluene-d8 (Surr)	88	70 - 130
Bromofluorobenzene	75	70 - 130

Client: Roux Associates, Inc. Job Number: 460-44969-1

Lab Control Sample - Batch: 460-129391

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-129391/3	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62067.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 0933	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 0933				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	17.3	87	46 - 145	
Chloromethane	20.0	15.9	79	58 - 146	
Bromomethane	20.0	13.7	68	55 - 153	
Vinyl chloride	20.0	15.6	78	61 - 144	
Chloroethane	20.0	28.4	142	69 - 145	
Trichlorofluoromethane	20.0	22.0	110	69 - 147	
Freon TF	20.0	19.2	96	47 - 139	
Methylene Chloride	20.0	19.5	98	79 - 119	
Acetone	20.0	23.0	115	45 - 156	
Carbon disulfide	20.0	17.7	88	58 - 139	
Methyl acetate	20.0	15.5	78	50 - 151	
1,1-Dichloroethene	20.0	22.3	111	56 - 139	
1,1-Dichloroethane	20.0	20.1	100	78 - 122	
cis-1,2-Dichloroethene	20.0	22.6	113	80 - 120	
trans-1,2-Dichloroethene	20.0	20.5	102	75 - 122	
MTBE	20.0	18.1	91	71 - 115	
Chloroform	20.0	22.0	110	82 - 123	
1,2-Dichloroethane	20.0	22.3	112	74 - 118	
2-Butanone	20.0	22.7	114	65 - 114	
1,1,1-Trichloroethane	20.0	21.5	108	74 - 128	
Cyclohexane	20.0	19.7	99	58 - 133	
Carbon tetrachloride	20.0	19.5	98	73 - 120	
Bromodichloromethane	20.0	20.8	104	79 - 119	
1,2-Dichloropropane	20.0	21.5	107	80 - 120	
cis-1,3-Dichloropropene	20.0	18.5	93	80 - 120	
Trichloroethene	20.0	22.5	112	78 - 119	
Methylcyclohexane	20.0	19.8	99	61 - 129	
Dibromochloromethane	20.0	19.4	97	80 - 120	
1,1,2-Trichloroethane	20.0	20.9	104	79 - 119	
Benzene	20.0	21.7	109	83 - 124	
trans-1,3-Dichloropropene	20.0	17.9	89	78 - 118	
Bromoform	20.0	18.2	91	73 - 123	
Isopropylbenzene	20.0	21.1	105	80 - 125	
4-Methyl-2-pentanone	20.0	18.0	90	53 - 120	
2-Hexanone	20.0	18.2	91	53 - 121	
Tetrachloroethene	20.0	22.1	111	68 - 139	
Toluene	20.0	21.0	105	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	74 - 126	
Chlorobenzene	20.0	21.8	109	81 - 121	
Ethylbenzene	20.0	20.5	102	79 - 126	
Xylenes, Total	60.0	62.6	104	76 - 121	
Styrene	20.0	20.7	104	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	70 - 116	
1,3-Dichlorobenzene	20.0	21.7	109	81 - 126	
1,4-Dichlorobenzene	20.0	21.7	109	83 - 123	
1,2-Dichlorobenzene	20.0	21.7	108	82 - 122	

Client: Roux Associates, Inc. Job Number: 460-44969-1

Lab Control Sample - Batch: 460-129391

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-129391/3	Analysis Batch:	460-129391	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62067.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 0933	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 0933				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	22.4	112	66 - 120	
1,2-Dibromoethane	20.0	21.4	107	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119	70 - 130
Toluene-d8 (Surr)	100	70 - 130
Bromofluorobenzene	81	70 - 130

Method Blank - Batch: 460-129463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-129463/3	Analysis Batch:	460-129463	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62096.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 2203	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 2203				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	1.0	U	0.22	1.0
Chloromethane	1.0	U	0.10	1.0
Bromomethane	1.0	U	0.18	1.0
Vinyl chloride	1.0	U	0.14	1.0
Chloroethane	1.0	U	0.17	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Freon TF	1.0	U	0.080	1.0
Methylene Chloride	1.0	U	0.18	1.0
Acetone	5.0	U	2.7	5.0
Carbon disulfide	1.0	U	0.13	1.0
Methyl acetate	2.0	U	0.34	2.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
MTBE	1.0	U	0.14	1.0
Chloroform	1.0	U	0.080	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
2-Butanone	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Cyclohexane	1.0	U	0.16	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Bromodichloromethane	1.0	U	0.12	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.090	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Dibromochloromethane	1.0	U	0.20	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Bromoform	1.0	U	0.19	1.0
Isopropylbenzene	1.0	U	0.080	1.0
4-Methyl-2-pentanone	5.0	U	0.99	5.0
2-Hexanone	5.0	U	0.50	5.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
Chlorobenzene	1.0	U	0.11	1.0
Ethylbenzene	1.0	U	0.10	1.0
Xylenes, Total	3.0	U	0.36	3.0
Styrene	1.0	U	0.12	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0

Client: Roux Associates, Inc. Job Number: 460-44969-1

Method Blank - Batch: 460-129463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 460-129463/3	Analysis Batch:	460-129463	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62096.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2012 2203	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/26/2012 2203				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dibromoethane	1.0	U	0.28	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 130
Toluene-d8 (Surr)	89	70 - 130
Bromofluorobenzene	75	70 - 130

Client: Roux Associates, Inc. Job Number: 460-44969-1

Lab Control Sample - Batch: 460-129463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-129463/11	Analysis Batch:	460-129463	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62106.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/27/2012 0223	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/27/2012 0223				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	20.0	16.8	84	46 - 145	
Chloromethane	20.0	16.0	80	58 - 146	
Bromomethane	20.0	12.8	64	55 - 153	
Vinyl chloride	20.0	16.1	81	61 - 144	
Chloroethane	20.0	26.2	131	69 - 145	
Trichlorofluoromethane	20.0	22.9	114	69 - 147	
Freon TF	20.0	18.9	94	47 - 139	
Methylene Chloride	20.0	18.3	91	79 - 119	
Acetone	20.0	20.8	104	45 - 156	
Carbon disulfide	20.0	16.7	83	58 - 139	
Methyl acetate	20.0	15.7	78	50 - 151	
1,1-Dichloroethene	20.0	21.8	109	56 - 139	
1,1-Dichloroethane	20.0	18.7	93	78 - 122	
cis-1,2-Dichloroethene	20.0	20.5	103	80 - 120	
trans-1,2-Dichloroethene	20.0	18.8	94	75 - 122	
MTBE	20.0	17.1	86	71 - 115	
Chloroform	20.0	20.4	102	82 - 123	
1,2-Dichloroethane	20.0	20.9	105	74 - 118	
2-Butanone	20.0	21.6	108	65 - 114	
1,1,1-Trichloroethane	20.0	20.0	100	74 - 128	
Cyclohexane	20.0	18.7	94	58 - 133	
Carbon tetrachloride	20.0	18.5	93	73 - 120	
Bromodichloromethane	20.0	19.2	96	79 - 119	
1,2-Dichloropropane	20.0	20.7	103	80 - 120	
cis-1,3-Dichloropropene	20.0	17.8	89	80 - 120	
Trichloroethene	20.0	21.2	106	78 - 119	
Methylcyclohexane	20.0	19.3	97	61 - 129	
Dibromochloromethane	20.0	17.9	90	80 - 120	
1,1,2-Trichloroethane	20.0	19.8	99	79 - 119	
Benzene	20.0	20.5	102	83 - 124	
trans-1,3-Dichloropropene	20.0	17.1	86	78 - 118	
Bromoform	20.0	16.8	84	73 - 123	
Isopropylbenzene	20.0	20.0	100	80 - 125	
4-Methyl-2-pentanone	20.0	16.4	82	53 - 120	
2-Hexanone	20.0	16.9	84	53 - 121	
Tetrachloroethene	20.0	20.7	103	68 - 139	
Toluene	20.0	19.6	98	80 - 120	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74 - 126	
Chlorobenzene	20.0	20.2	101	81 - 121	
Ethylbenzene	20.0	19.6	98	79 - 126	
Xylenes, Total	60.0	58.9	98	76 - 121	
Styrene	20.0	19.6	98	69 - 112	
1,2-Dibromo-3-Chloropropane	20.0	16.6	83	70 - 116	
1,3-Dichlorobenzene	20.0	20.2	101	81 - 126	
1,4-Dichlorobenzene	20.0	20.2	101	83 - 123	
1,2-Dichlorobenzene	20.0	20.3	101	82 - 122	

Client: Roux Associates, Inc. Job Number: 460-44969-1

Lab Control Sample - Batch: 460-129463

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 460-129463/11	Analysis Batch:	460-129463	Instrument ID:	VOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	p62106.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/27/2012 0223	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	09/27/2012 0223				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	20.5	103	66 - 120	
1,2-Dibromoethane	20.0	20.1	101	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	70 - 130
Toluene-d8 (Surr)	92	70 - 130
Bromofluorobenzene	75	70 - 130

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-44969-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.

Client: Roux Associates, Inc. Job Number: 460-44969-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-129391					
LCS 460-129391/3	Lab Control Sample	T	Water	8260B	
MB 460-129391/4	Method Blank	T	Water	8260B	
460-44969-1	OW-4	T	Water	8260B	
460-44969-3	DUP-092112	T	Water	8260B	
460-44969-4	FB-092112	T	Water	8260B	
460-44969-5	TRIP BLANK	T	Water	8260B	
Analysis Batch:460-129463					
LCS 460-129463/11	Lab Control Sample	T	Water	8260B	
MB 460-129463/3	Method Blank	T	Water	8260B	
460-44969-2	MW-35I	T	Water	8260B	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-44969-1

Laboratory Chronicle

Lab ID: 460-44969-1 **Client ID:** OW-4

Sample Date/Time: 09/21/2012 09:50 Received Date/Time: 09/22/2012 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44969-A-1		460-129391		09/26/2012 16:20	5	TAL EDI	SD
A:8260B	460-44969-A-1		460-129391		09/26/2012 16:20	5	TAL EDI	SD

Lab ID: 460-44969-2 **Client ID:** MW-35I

Sample Date/Time: 09/21/2012 10:45 Received Date/Time: 09/22/2012 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44969-B-2		460-129463		09/27/2012 01:11	1	TAL EDI	KB
A:8260B	460-44969-B-2		460-129463		09/27/2012 01:11	1	TAL EDI	KB

Lab ID: 460-44969-3 **Client ID:** DUP-092112

Sample Date/Time: 09/21/2012 10:00 Received Date/Time: 09/22/2012 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44969-A-3		460-129391		09/26/2012 17:10	5	TAL EDI	SD
A:8260B	460-44969-A-3		460-129391		09/26/2012 17:10	5	TAL EDI	SD

Lab ID: 460-44969-4 **Client ID:** FB-092112

Sample Date/Time: 09/21/2012 09:45 Received Date/Time: 09/22/2012 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44969-A-4		460-129391		09/26/2012 14:15	1	TAL EDI	SD
A:8260B	460-44969-A-4		460-129391		09/26/2012 14:15	1	TAL EDI	SD

Lab ID: 460-44969-5 **Client ID:** TRIP BLANK

Sample Date/Time: 09/21/2012 00:00 Received Date/Time: 09/22/2012 11:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-44969-A-5		460-129391		09/26/2012 14:40	1	TAL EDI	SD
A:8260B	460-44969-A-5		460-129391		09/26/2012 14:40	1	TAL EDI	SD

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-129391/4		460-129391		09/26/2012 10:29	1	TAL EDI	SD
A:8260B	MB 460-129391/4		460-129391		09/26/2012 10:29	1	TAL EDI	SD
P:5030B	MB 460-129463/3		460-129463		09/26/2012 22:03	1	TAL EDI	KB
A:8260B	MB 460-129463/3		460-129463		09/26/2012 22:03	1	TAL EDI	KB

Client: Roux Associates, Inc. Job Number: 460-44969-1

Laboratory Chronicle

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-129391/3		460-129391		09/26/2012 09:33	1	TAL EDI	SD
A:8260B	LCS 460-129391/3		460-129391		09/26/2012 09:33	1	TAL EDI	SD
P:5030B	LCS 460-129463/11		460-129463		09/27/2012 02:23	1	TAL EDI	KB
A:8260B	LCS 460-129463/11		460-129463		09/27/2012 02:23	1	TAL EDI	KB

Lab References:
TAL EDI = TestAmerica Edison

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
OW-4	460-44969-1	112	89	76
MW-35I	460-44969-2	110	89	76
DUP-092112	460-44969-3	114	87	74
FB-092112	460-44969-4	112	87	73
TRIP BLANK	460-44969-5	128	97	84
	MB 460-129391/4	113	88	75
	MB 460-129463/3	112	89	75
	LCS 460-129391/3	119	100	81
	LCS 460-129463/11	109	92	75

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = Bromofluorobenzene	70-130

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p62067.d

Lab ID: LCS 460-129391/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	17.3	87	46-145	
Chloromethane	20.0	15.9	79	58-146	
Bromomethane	20.0	13.7	68	55-153	
Vinyl chloride	20.0	15.6	78	61-144	
Chloroethane	20.0	28.4	142	69-145	
Trichlorofluoromethane	20.0	22.0	110	69-147	
Freon TF	20.0	19.2	96	47-139	
Methylene Chloride	20.0	19.5	98	79-119	
Acetone	20.0	23.0	115	45-156	
Carbon disulfide	20.0	17.7	88	58-139	
Methyl acetate	20.0	15.5	78	50-151	
1,1-Dichloroethene	20.0	22.3	111	56-139	
1,1-Dichloroethane	20.0	20.1	100	78-122	
cis-1,2-Dichloroethene	20.0	22.6	113	80-120	
trans-1,2-Dichloroethene	20.0	20.5	102	75-122	
MTBE	20.0	18.1	91	71-115	
Chloroform	20.0	22.0	110	82-123	
1,2-Dichloroethane	20.0	22.3	112	74-118	
2-Butanone	20.0	22.7	114	65-114	
1,1,1-Trichloroethane	20.0	21.5	108	74-128	
Cyclohexane	20.0	19.7	99	58-133	
Carbon tetrachloride	20.0	19.5	98	73-120	
Bromodichloromethane	20.0	20.8	104	79-119	
1,2-Dichloropropane	20.0	21.5	107	80-120	
cis-1,3-Dichloropropene	20.0	18.5	93	80-120	
Trichloroethene	20.0	22.5	112	78-119	
Methylcyclohexane	20.0	19.8	99	61-129	
Dibromochloromethane	20.0	19.4	97	80-120	
1,1,2-Trichloroethane	20.0	20.9	104	79-119	
Benzene	20.0	21.7	109	83-124	
trans-1,3-Dichloropropene	20.0	17.9	89	78-118	
Bromoform	20.0	18.2	91	73-123	
Isopropylbenzene	20.0	21.1	105	80-125	
4-Methyl-2-pentanone	20.0	18.0	90	53-120	
2-Hexanone	20.0	18.2	91	53-121	
Tetrachloroethene	20.0	22.1	111	68-139	
Toluene	20.0	21.0	105	80-120	
1,1,2,2-Tetrachloroethane	20.0	21.1	105	74-126	
Chlorobenzene	20.0	21.8	109	81-121	
Ethylbenzene	20.0	20.5	102	79-126	
Xylenes, Total	60.0	62.6	104	76-121	
Styrene	20.0	20.7	104	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p62067.d

Lab ID: LCS 460-129391/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	18.8	94	70-116	
1,3-Dichlorobenzene	20.0	21.7	109	81-126	
1,4-Dichlorobenzene	20.0	21.7	109	83-123	
1,2-Dichlorobenzene	20.0	21.7	108	82-122	
1,2,4-Trichlorobenzene	20.0	22.4	112	66-120	
1,2-Dibromoethane	20.0	21.4	107	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p62106.d

Lab ID: LCS 460-129463/11 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	20.0	16.8	84	46-145	
Chloromethane	20.0	16.0	80	58-146	
Bromomethane	20.0	12.8	64	55-153	
Vinyl chloride	20.0	16.1	81	61-144	
Chloroethane	20.0	26.2	131	69-145	
Trichlorofluoromethane	20.0	22.9	114	69-147	
Freon TF	20.0	18.9	94	47-139	
Methylene Chloride	20.0	18.3	91	79-119	
Acetone	20.0	20.8	104	45-156	
Carbon disulfide	20.0	16.7	83	58-139	
Methyl acetate	20.0	15.7	78	50-151	
1,1-Dichloroethene	20.0	21.8	109	56-139	
1,1-Dichloroethane	20.0	18.7	93	78-122	
cis-1,2-Dichloroethene	20.0	20.5	103	80-120	
trans-1,2-Dichloroethene	20.0	18.8	94	75-122	
MTBE	20.0	17.1	86	71-115	
Chloroform	20.0	20.4	102	82-123	
1,2-Dichloroethane	20.0	20.9	105	74-118	
2-Butanone	20.0	21.6	108	65-114	
1,1,1-Trichloroethane	20.0	20.0	100	74-128	
Cyclohexane	20.0	18.7	94	58-133	
Carbon tetrachloride	20.0	18.5	93	73-120	
Bromodichloromethane	20.0	19.2	96	79-119	
1,2-Dichloropropane	20.0	20.7	103	80-120	
cis-1,3-Dichloropropene	20.0	17.8	89	80-120	
Trichloroethene	20.0	21.2	106	78-119	
Methylcyclohexane	20.0	19.3	97	61-129	
Dibromochloromethane	20.0	17.9	90	80-120	
1,1,2-Trichloroethane	20.0	19.8	99	79-119	
Benzene	20.0	20.5	102	83-124	
trans-1,3-Dichloropropene	20.0	17.1	86	78-118	
Bromoform	20.0	16.8	84	73-123	
Isopropylbenzene	20.0	20.0	100	80-125	
4-Methyl-2-pentanone	20.0	16.4	82	53-120	
2-Hexanone	20.0	16.9	84	53-121	
Tetrachloroethene	20.0	20.7	103	68-139	
Toluene	20.0	19.6	98	80-120	
1,1,2,2-Tetrachloroethane	20.0	19.0	95	74-126	
Chlorobenzene	20.0	20.2	101	81-121	
Ethylbenzene	20.0	19.6	98	79-126	
Xylenes, Total	60.0	58.9	98	76-121	
Styrene	20.0	19.6	98	69-112	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Matrix: Water Level: Low Lab File ID: p62106.d

Lab ID: LCS 460-129463/11 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromo-3-Chloropropane	20.0	16.6	83	70-116	
1,3-Dichlorobenzene	20.0	20.2	101	81-126	
1,4-Dichlorobenzene	20.0	20.2	101	83-123	
1,2-Dichlorobenzene	20.0	20.3	101	82-122	
1,2,4-Trichlorobenzene	20.0	20.5	103	66-120	
1,2-Dibromoethane	20.0	20.1	101	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab File ID: p62069.d Lab Sample ID: MB 460-129391/4

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

Instrument ID: VOAMS13 Date Analyzed: 09/26/2012 10:29

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-129391/3	p62067.d	09/26/2012 09:33
FB-092112	460-44969-4	p62078.d	09/26/2012 14:15
TRIP BLANK	460-44969-5	p62079.d	09/26/2012 14:40
OW-4	460-44969-1	p62083.d	09/26/2012 16:20
DUP-092112	460-44969-3	p62085.d	09/26/2012 17:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab File ID: p62096.d Lab Sample ID: MB 460-129463/3

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

Instrument ID: VOAMS13 Date Analyzed: 09/26/2012 22:03

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-35I	460-44969-2	p62103.d	09/27/2012 01:11
	LCS 460-129463/11	p62106.d	09/27/2012 02:23

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab File ID: p61352.d BFB Injection Date: 09/11/2012

Instrument ID: VOAMS13 BFB Injection Time: 19:36

Analysis Batch No.: 127499

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.4	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	73.4	
175	5.0 - 9.0 % of mass 174	5.5	(7.5)1
176	95.0 - 101.0 % of mass 174	71.2	(96.9)1
177	5.0 - 9.0 % of mass 176	4.6	(6.5)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 460-127499/2	p61357.d	09/11/2012	21:33
	IC 460-127499/3	p61358.d	09/11/2012	21:57
	ICIS 460-127499/4	p61359.d	09/11/2012	22:21
	IC 460-127499/5	p61360.d	09/11/2012	22:45
	IC 460-127499/6	p61361.d	09/11/2012	23:09
	IC 460-127499/7	p61362.d	09/11/2012	23:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab File ID: p62064.d BFB Injection Date: 09/26/2012

Instrument ID: VOAMS13 BFB Injection Time: 08:13

Analysis Batch No.: 129391

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.1	
75	30.0 - 60.0 % of mass 95	49.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	1.1	(1.3)1
174	50.0 - 120.00 % of mass 95	80.9	
175	5.0 - 9.0 % of mass 174	6.2	(7.7)1
176	95.0 - 101.0 % of mass 174	78.1	(96.5)1
177	5.0 - 9.0 % of mass 176	5.2	(6.6)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-129391/2	p62066.d	09/26/2012	09:02
	LCS 460-129391/3	p62067.d	09/26/2012	09:33
	MB 460-129391/4	p62069.d	09/26/2012	10:29
FB-092112	460-44969-4	p62078.d	09/26/2012	14:15
TRIP BLANK	460-44969-5	p62079.d	09/26/2012	14:40
OW-4	460-44969-1	p62083.d	09/26/2012	16:20
DUP-092112	460-44969-3	p62085.d	09/26/2012	17:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab File ID: p62090.d BFB Injection Date: 09/26/2012

Instrument ID: VOAMS13 BFB Injection Time: 19:33

Analysis Batch No.: 129463

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.4	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	86.1	
175	5.0 - 9.0 % of mass 174	6.8	(8.0)1
176	95.0 - 101.0 % of mass 174	83.3	(96.7)1
177	5.0 - 9.0 % of mass 176	5.6	(6.7)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-129463/2	p62092.d	09/26/2012	20:23
	MB 460-129463/3	p62096.d	09/26/2012	22:03
MW-35I	460-44969-2	p62103.d	09/27/2012	01:11
	LCS 460-129463/11	p62106.d	09/27/2012	02:23

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Sample No.: CCVIS 460-129391/2 Date Analyzed: 09/26/2012 09:02

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p62066.d Heated Purge: (Y/N) N

Calibration ID: 17430

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		531238	4.08	413554	7.62	236925	11.21
UPPER LIMIT		1062476	4.58	827108	8.12	473850	11.71
LOWER LIMIT		265619	3.58	206777	7.12	118463	10.71
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-129391/3		502092	4.08	392780	7.62	223254	11.21
MB 460-129391/4		484733	4.08	402499	7.62	235207	11.21
460-44969-4	FB-092112	474082	4.08	402137	7.62	233806	11.21
460-44969-5	TRIP BLANK	428333	4.08	361612	7.62	207417	11.21
460-44969-1	OW-4	507349	4.08	409677	7.62	235288	11.21
460-44969-3	DUP-092112	495484	4.08	405931	7.62	236358	11.21

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Sample No.: CCVIS 460-129463/2 Date Analyzed: 09/26/2012 20:23

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p62092.d Heated Purge: (Y/N) N

Calibration ID: 17430

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		537904	4.08	419612	7.62	243993	11.21
UPPER LIMIT		1075808	4.58	839224	8.12	487986	11.71
LOWER LIMIT		268952	3.58	209806	7.12	121997	10.71
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-129463/3		507558	4.08	414100	7.62	235636	11.21
460-44969-2	MW-35I	517245	4.08	413797	7.62	232491	11.21
LCS 460-129463/11		544854	4.08	426512	7.62	247150	11.21

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: OW-4 | Lab Sample ID: 460-44969-1

Matrix: Water | Lab File ID: p62083.d

Analysis Method: 8260B | Date Collected: 09/21/2012 09:50

Sample wt/vol: 5(mL) | Date Analyzed: 09/26/2012 16:20

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129391 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	1.1
74-87-3	Chloromethane	5.0	U	5.0	0.50
74-83-9	Bromomethane	5.0	U	5.0	0.90
75-01-4	Vinyl chloride	2.2	J	5.0	0.70
75-00-3	Chloroethane	5.0	U	5.0	0.85
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.75
76-13-1	Freon TF	5.0	U	5.0	0.40
75-09-2	Methylene Chloride	5.0	U	5.0	0.90
67-64-1	Acetone	25	U	25	13
75-15-0	Carbon disulfide	5.0	U	5.0	0.65
79-20-9	Methyl acetate	10	U	10	1.7
75-35-4	1,1-Dichloroethene	6.3		5.0	0.45
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.65
156-59-2	cis-1,2-Dichloroethene	140		5.0	0.90
156-60-5	trans-1,2-Dichloroethene	3.7	J	5.0	0.65
1634-04-4	MTBE	5.0	U	5.0	0.70
67-66-3	Chloroform	5.0	U	5.0	0.40
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.95
78-93-3	2-Butanone	25	U	25	12
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.30
110-82-7	Cyclohexane	5.0	U	5.0	0.80
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.30
75-27-4	Bromodichloromethane	5.0	U	5.0	0.60
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.90
79-01-6	Trichloroethene	2100		5.0	0.45
108-87-2	Methylcyclohexane	5.0	U	5.0	0.70
124-48-1	Dibromochloromethane	5.0	U	5.0	1.0
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.95
71-43-2	Benzene	5.0	U	5.0	0.40
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	1.2
75-25-2	Bromoform	5.0	U	5.0	0.95
98-82-8	Isopropylbenzene	5.0	U	5.0	0.40
108-10-1	4-Methyl-2-pentanone	25	U	25	5.0
591-78-6	2-Hexanone	25	U	25	2.5
127-18-4	Tetrachloroethene	5.0	U	5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: OW-4 Lab Sample ID: 460-44969-1

Matrix: Water Lab File ID: p62083.d

Analysis Method: 8260B Date Collected: 09/21/2012 09:50

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2012 16:20

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129391 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.0	U	5.0	0.75
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.80
108-90-7	Chlorobenzene	5.0	U	5.0	0.55
100-41-4	Ethylbenzene	5.0	U	5.0	0.50
1330-20-7	Xylenes, Total	15	U	15	1.8
100-42-5	Styrene	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.0
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	0.70
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	1.2
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	1.1
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.7
106-93-4	1,2-Dibromoethane	5.0	U	5.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	76		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62083.d
Report Date: 26-Sep-2012 19:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62083.d
Lab Smp Id: 460-44969-A-1 Client Smp ID: OW-4
Inj Date : 26-SEP-2012 16:20
Operator : Inst ID: VOAMS13.i
Smp Info : 460-44969-A-1;5
Misc Info : 460-44969-A-1
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/8260_09.m
Meth Date : 26-Sep-2012 09:19 desais Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 19
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.153	1.153	(0.283)	1552	0.43635	2.2(a)
	15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	2759	1.25810	6.3
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	2128	0.73498	3.7(a)
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	85509	27.7431	140
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	93078	56.1077	56
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	507349	50.0000	
	54 Trichloroethene	95	4.231	4.232	(1.037)	1255460	423.622	2100
$	65 Toluene-d8 (SUR)	98	5.688	5.689	(0.746)	290202	44.2580	44
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	409677	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.426	9.420	(0.841)	135499	37.7745	38
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	235288	50.0000	
M	120 1,2-Dichloroethene (Total)	100				87638	28.4781	140

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62083.d
Report Date: 26-Sep-2012 19:02

QC Flag Legend

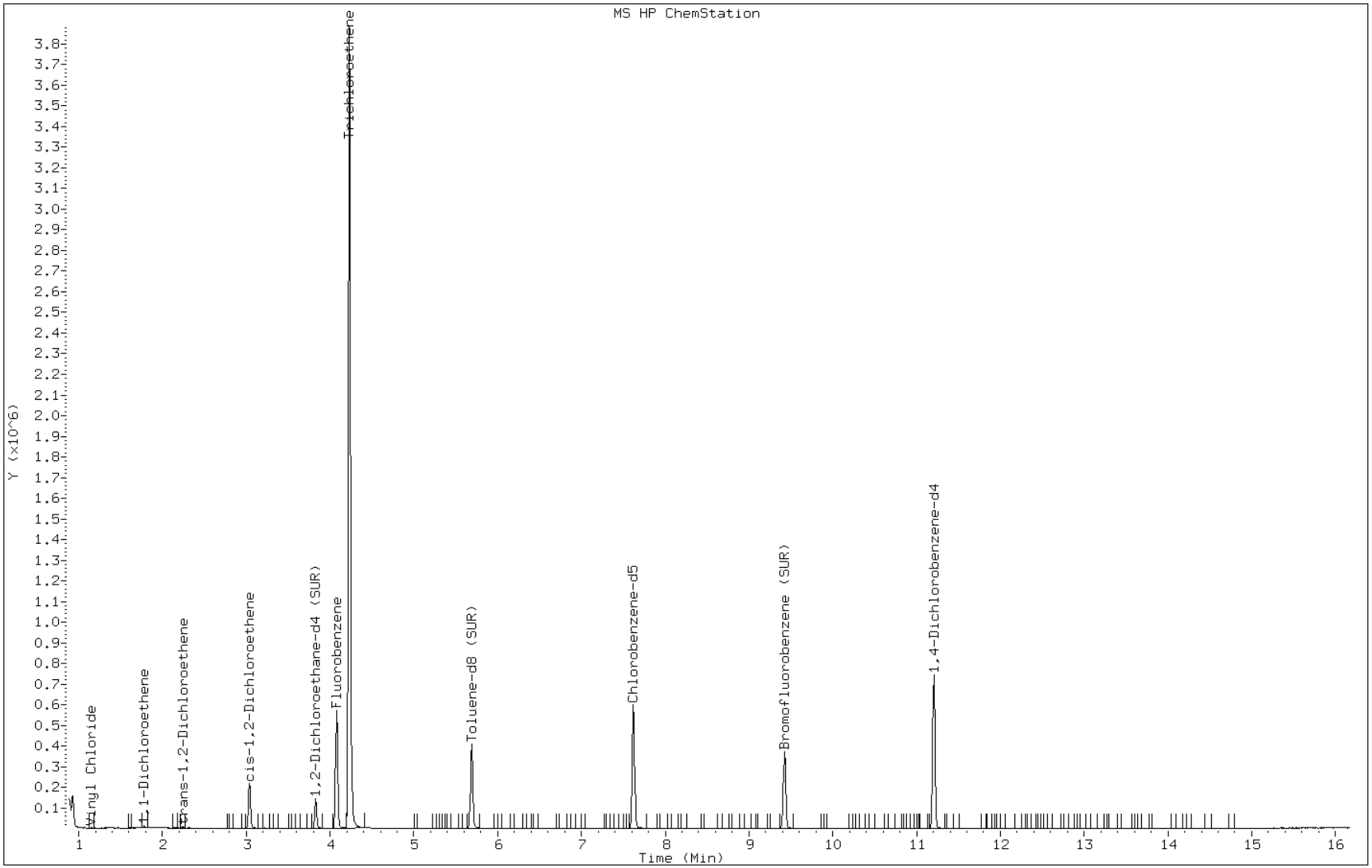
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p62083.d

Date: 26-SEP-2012 16:20

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-44969-A-1;5 Operator:



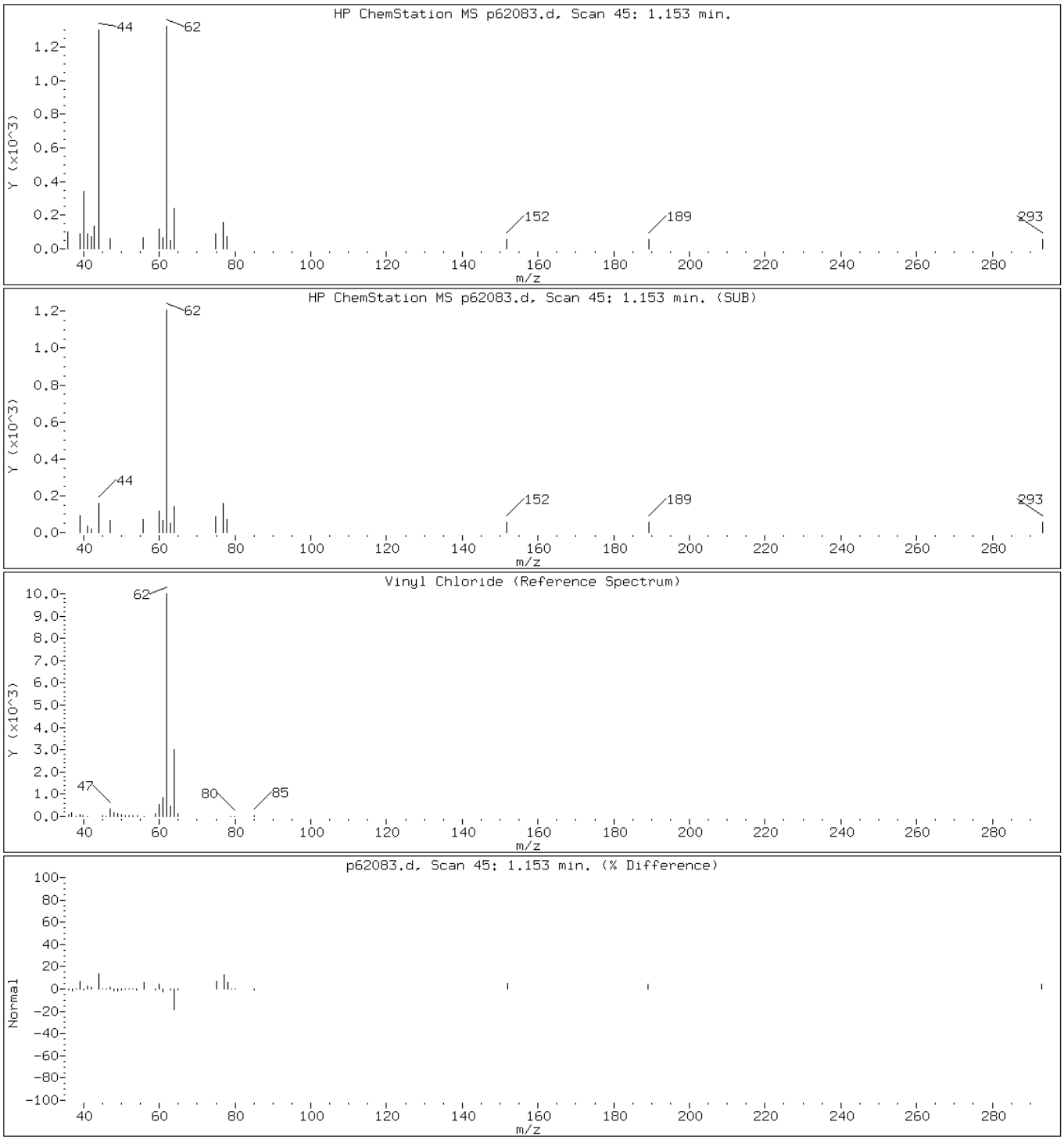
Data File: p62083.d

Date: 26-SEP-2012 16:20

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-44969-A-1;5 Operator:

4 Vinyl Chloride



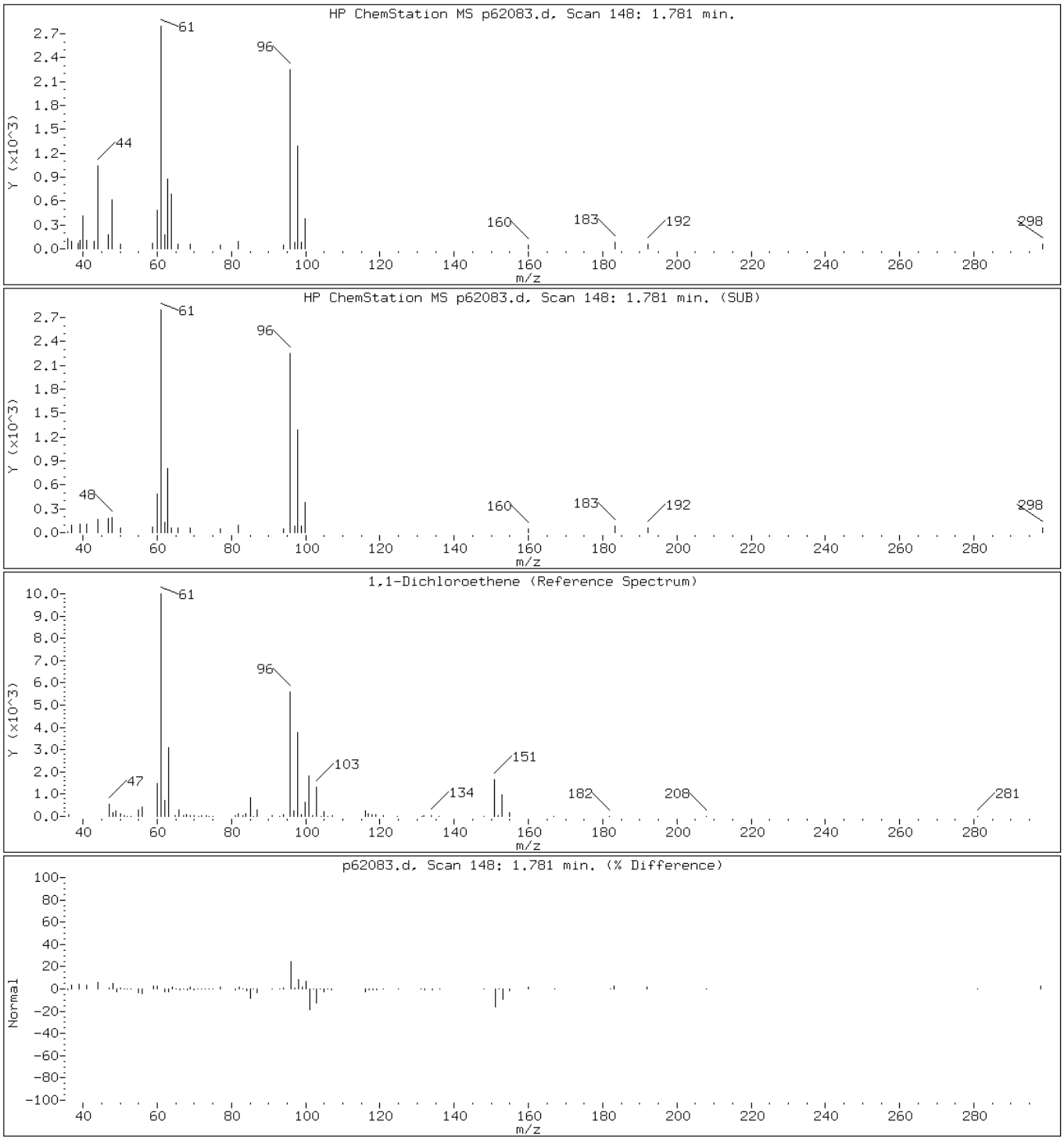
Data File: p62083.d

Date: 26-SEP-2012 16:20

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-44969-A-1;5 Operator:

15 1,1-Dichloroethene



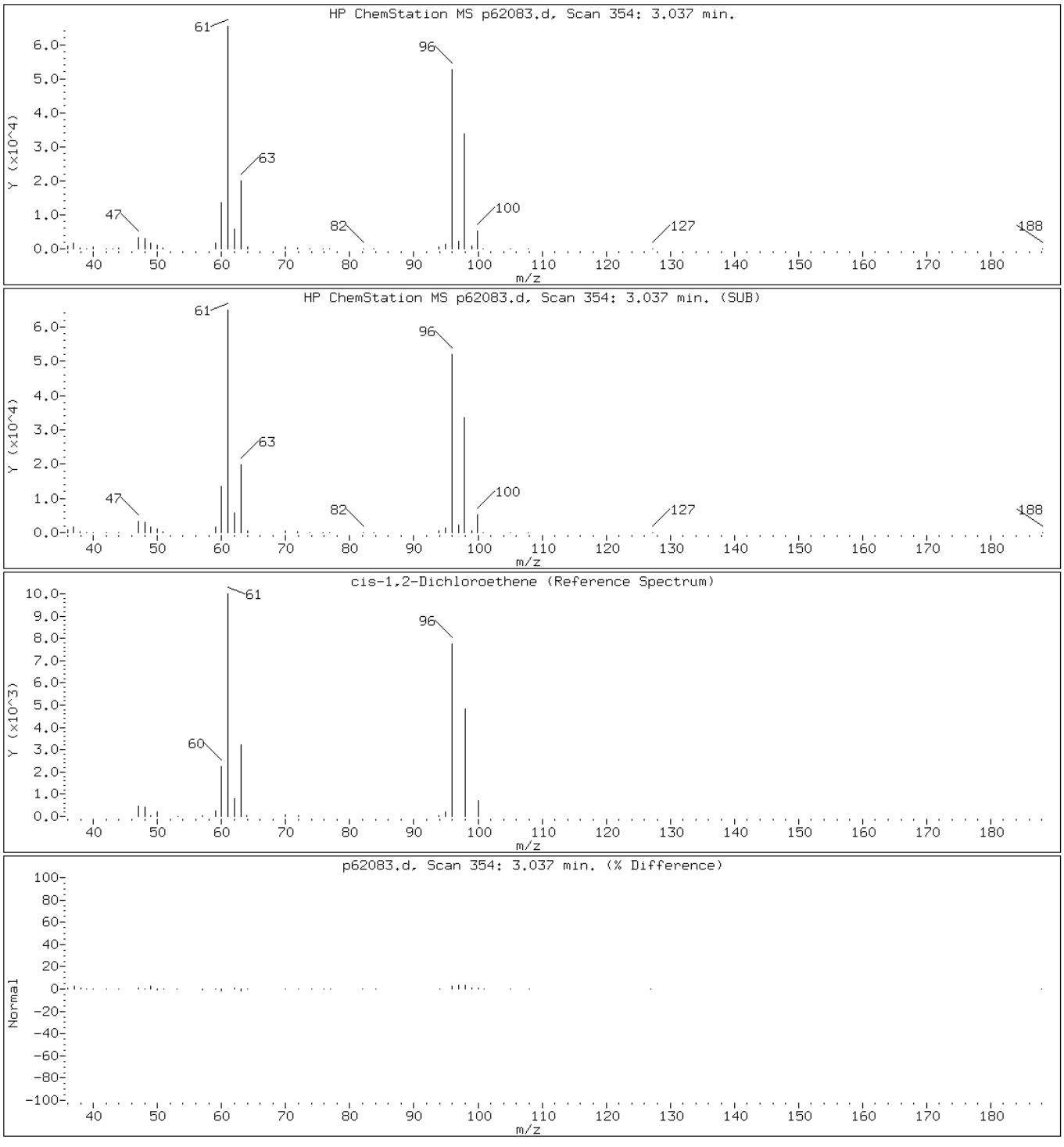
Data File: p62083.d

Date: 26-SEP-2012 16:20

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-44969-A-1;5 Operator:

36 cis-1,2-Dichloroethene



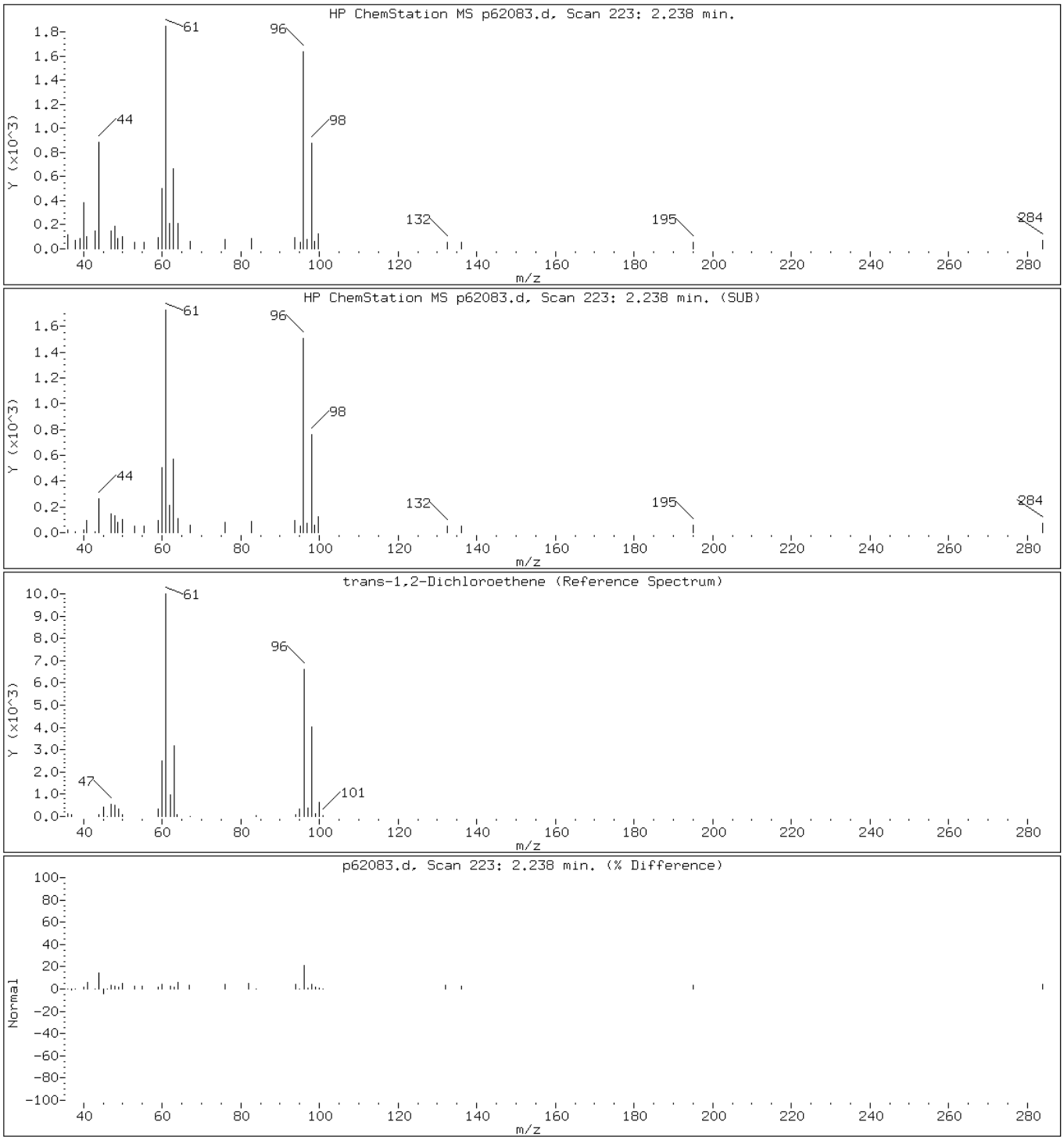
Data File: p62083.d

Date: 26-SEP-2012 16:20

Client ID: OW-4 Instrument: VOAMS13.i

Sample Info: 460-44969-A-1;5 Operator:

25 trans-1,2-Dichloroethene



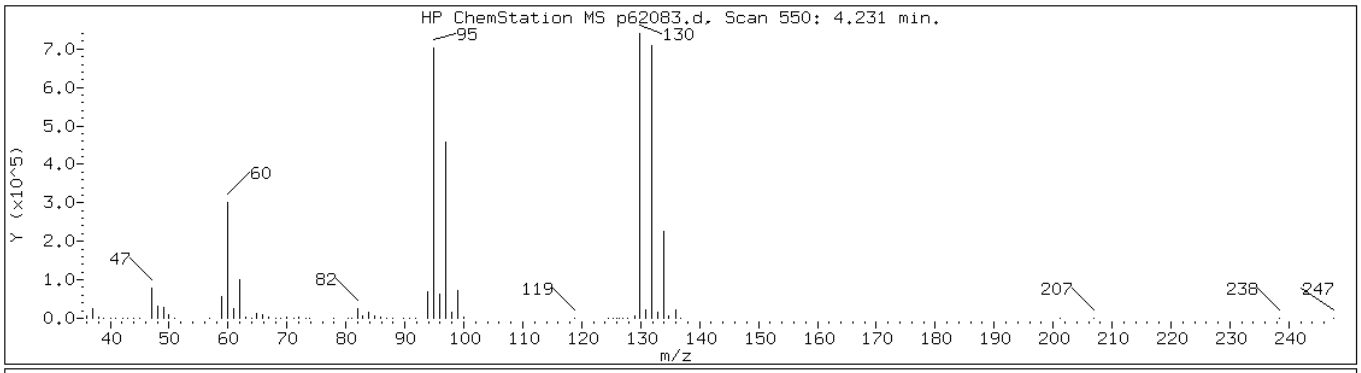
Data File: p62083.d

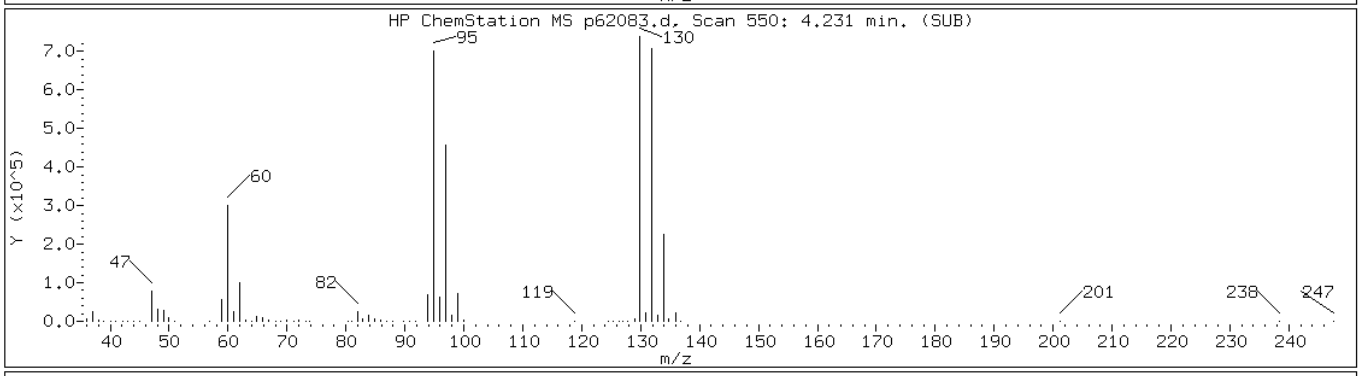
Date: 26-SEP-2012 16:20

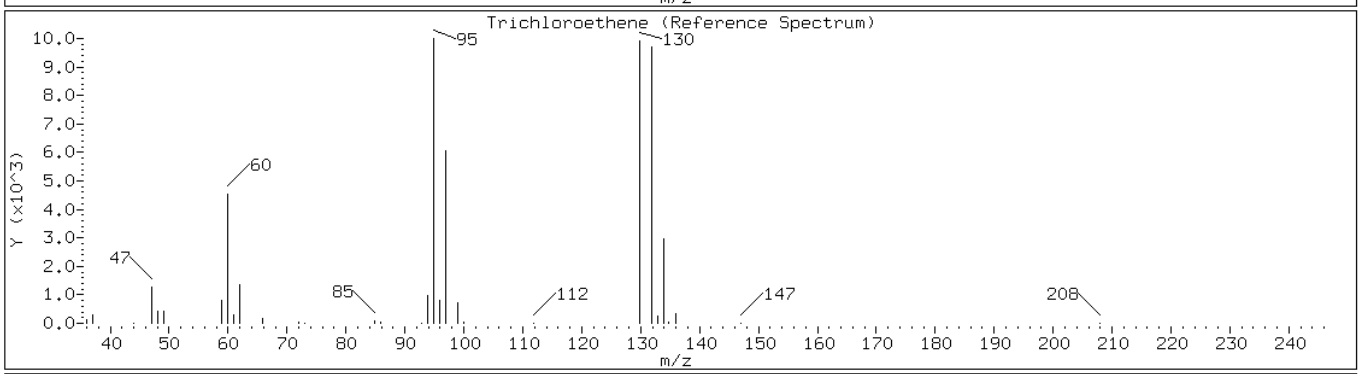
Client ID: OW-4 Instrument: VOAMS13.i

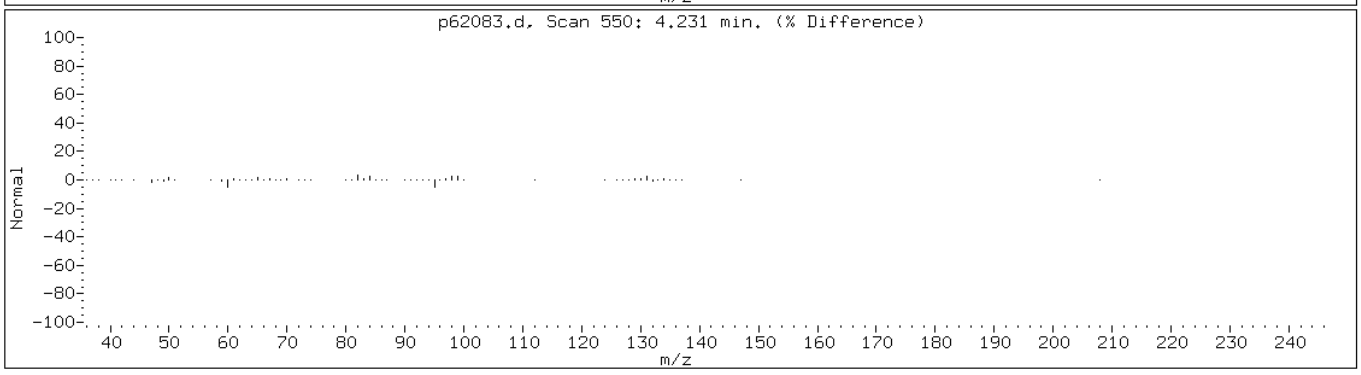
Sample Info: 460-44969-A-1;5 Operator:

54 Trichloroethene









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: MW-35I | Lab Sample ID: 460-44969-2

Matrix: Water | Lab File ID: p62103.d

Analysis Method: 8260B | Date Collected: 09/21/2012 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 09/27/2012 01:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129463 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	0.40	J	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.3		1.0	0.090
75-34-3	1,1-Dichloroethane	0.35	J	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	21		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	0.65	J	1.0	0.13
1634-04-4	MTBE	0.30	J	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.3		1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	410		1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	3.3		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: MW-35I | Lab Sample ID: 460-44969-2

Matrix: Water | Lab File ID: p62103.d

Analysis Method: 8260B | Date Collected: 09/21/2012 10:45

Sample wt/vol: 5(mL) | Date Analyzed: 09/27/2012 01:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129463 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	76		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62103.d
Report Date: 27-Sep-2012 07:53

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62103.d
Lab Smp Id: 460-44969-B-2 Client Smp ID: MW-35I
Inj Date : 27-SEP-2012 01:11
Operator : Inst ID: VOAMS13.i
Smp Info : 460-44969-B-2
Misc Info : 460-44969-B-2
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/8260_09.m
Meth Date : 26-Sep-2012 21:02 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	4 Vinyl Chloride	62	1.153	1.153	(0.283)	1448	0.39927	0.40(a)
	15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	2947	1.31766	1.3
	25 trans-1,2-Dichloroethene	96	2.244	2.238	(0.550)	1924	0.65160	0.65(a)
	28 MTBE	73	2.317	2.317	(0.568)	2907	0.29523	0.30(a)
	30 1,1-Dichloroethane	63	2.653	2.646	(0.650)	1866	0.34518	0.34(a)
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	67527	21.4895	21
	43 1,1,1-Trichloroethane	97	3.409	3.402	(0.836)	5432	1.26408	1.3
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	92939	54.9517	55
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	517245	50.0000	
	54 Trichloroethene	95	4.232	4.231	(1.037)	1245246	412.137	410
$	65 Toluene-d8 (SUR)	98	5.689	5.688	(0.746)	296182	44.7203	45
	71 Tetrachloroethene	166	6.189	6.188	(0.812)	10625	3.26821	3.3
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	413797	50.0000	
$	89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	134774	38.0242	38
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	232491	50.0000	
M	120 1,2-Dichloroethene (Total)	100				69451	22.1411	22

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62103.d
Report Date: 27-Sep-2012 07:53

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p62103.d

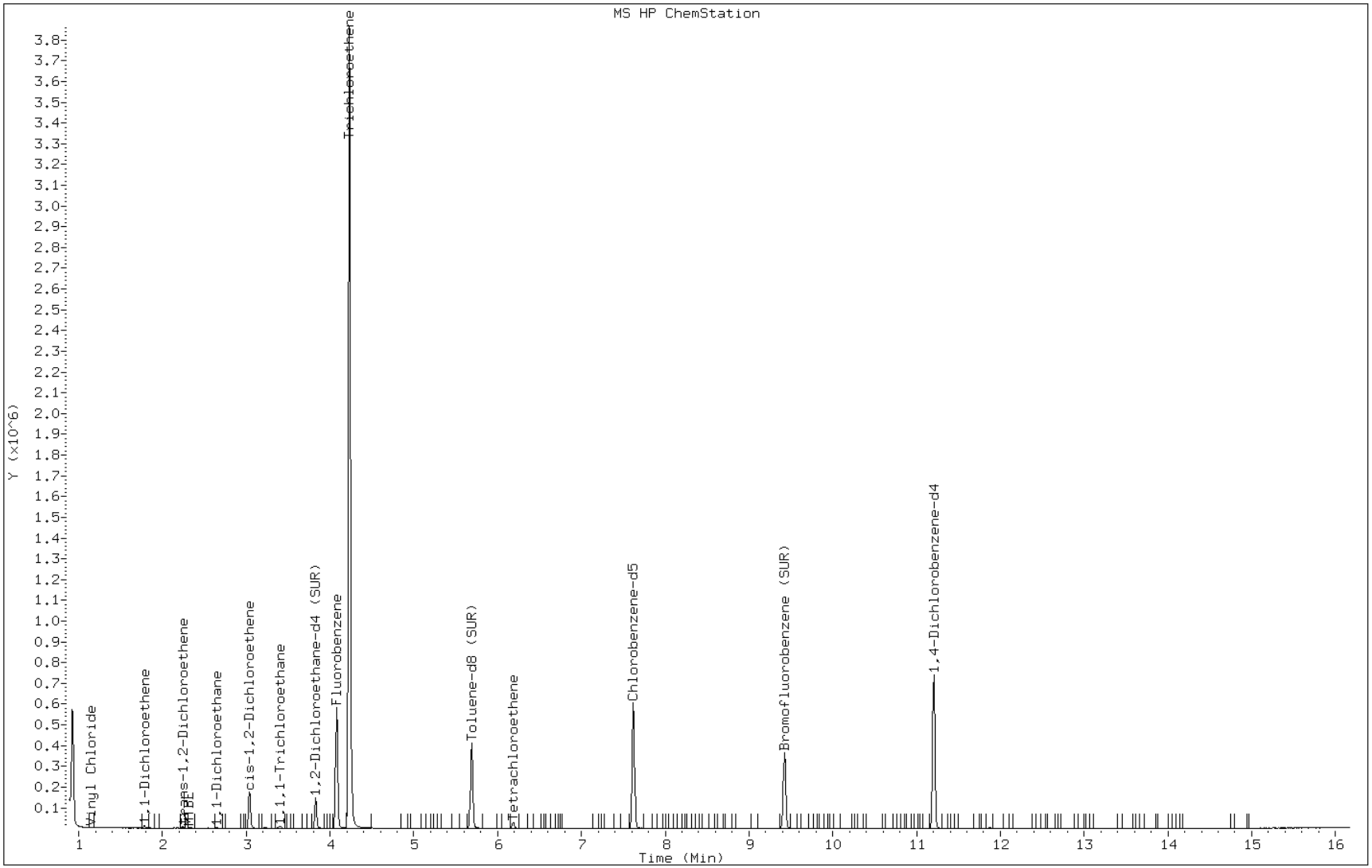
Date: 27-SEP-2012 01:11

Client ID: MW-35I

Instrument: VOAMS13.i

Sample Info: 460-44969-B-2

Operator:



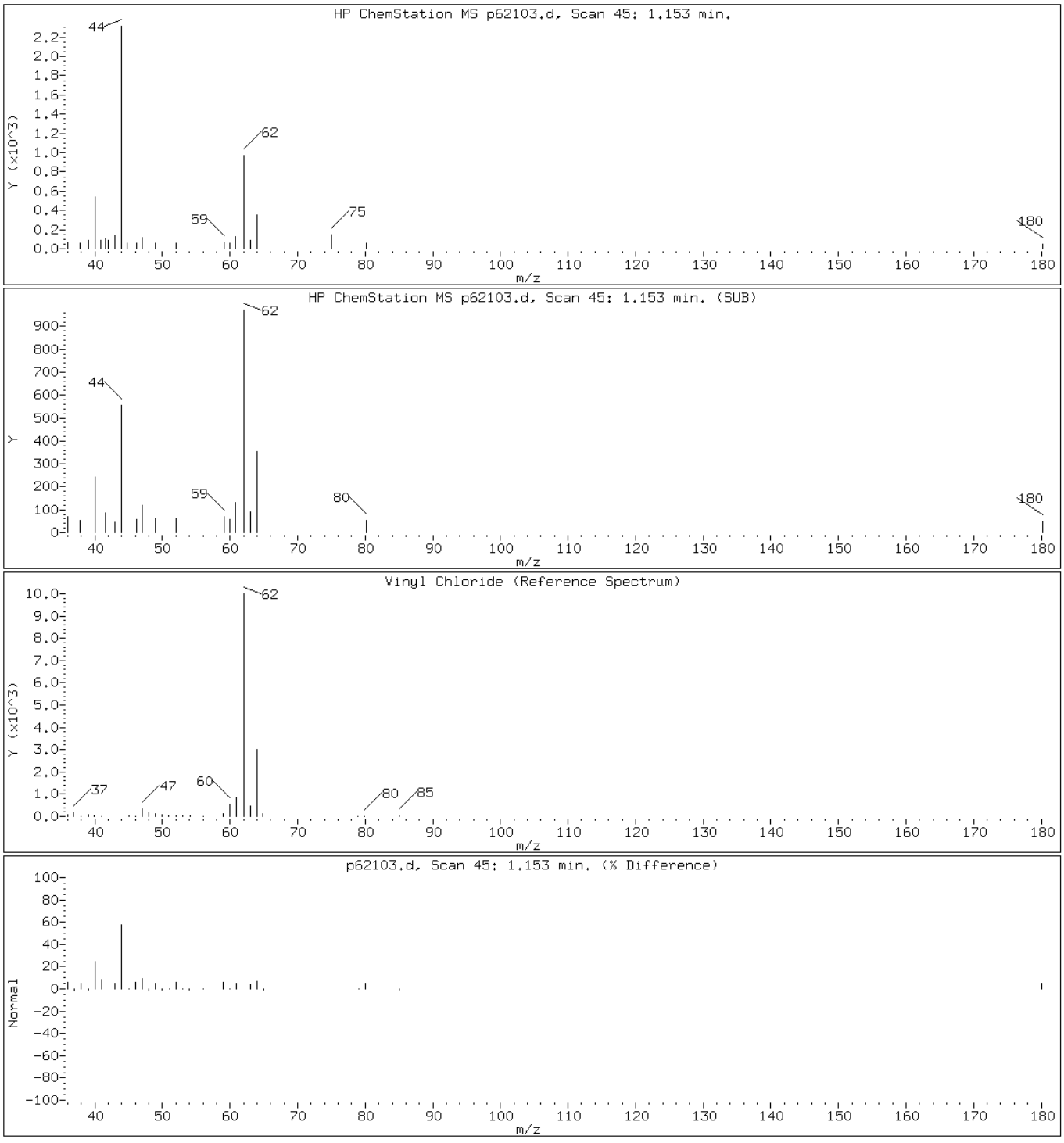
Data File: p62103.d

Date: 27-SEP-2012 01:11

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-44969-B-2 Operator:

4 Vinyl Chloride



Data File: p62103.d

Date: 27-SEP-2012 01:11

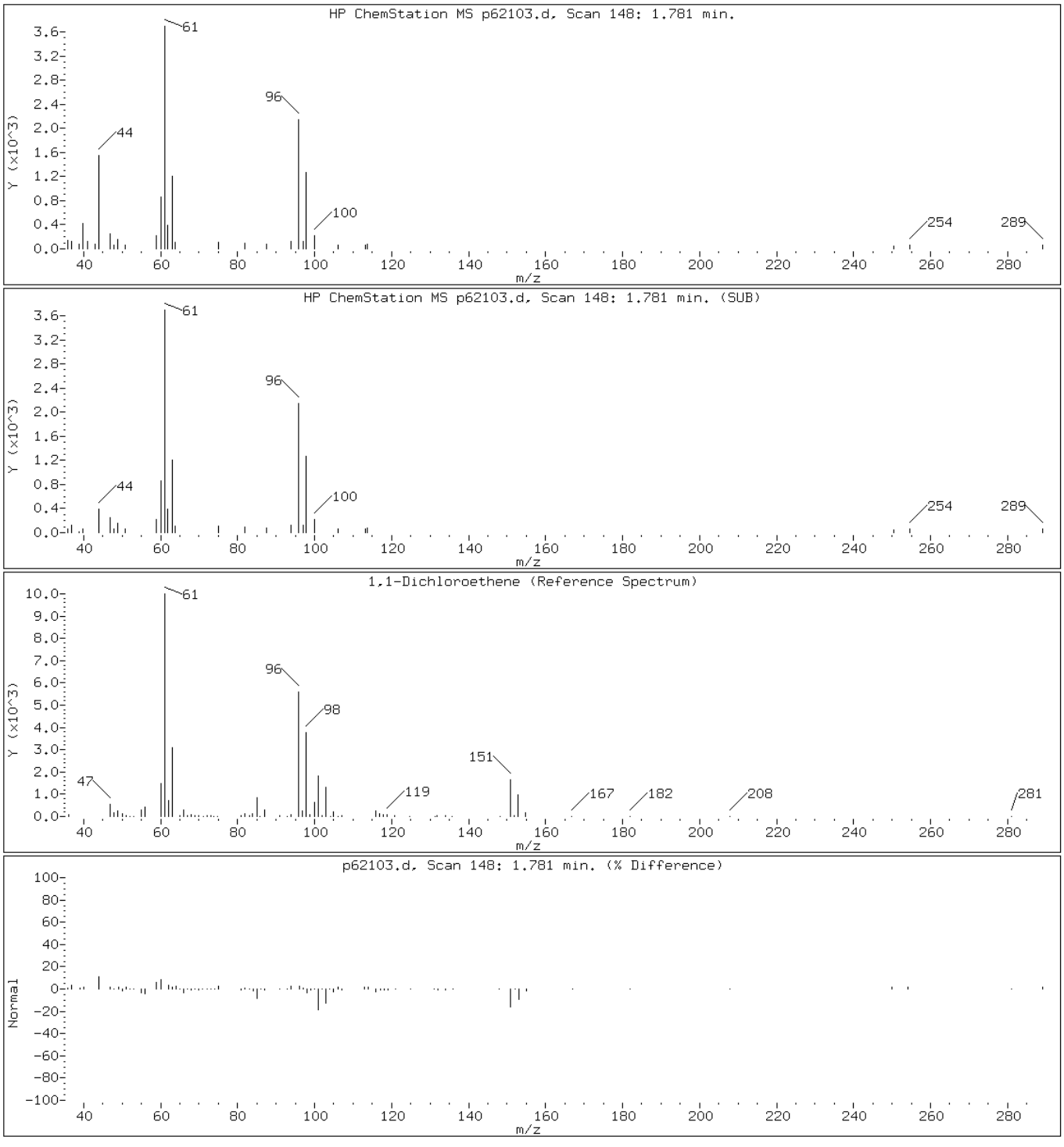
Client ID: MW-35I

Instrument: VOAMS13.i

Sample Info: 460-44969-B-2

Operator:

15 1,1-Dichloroethene



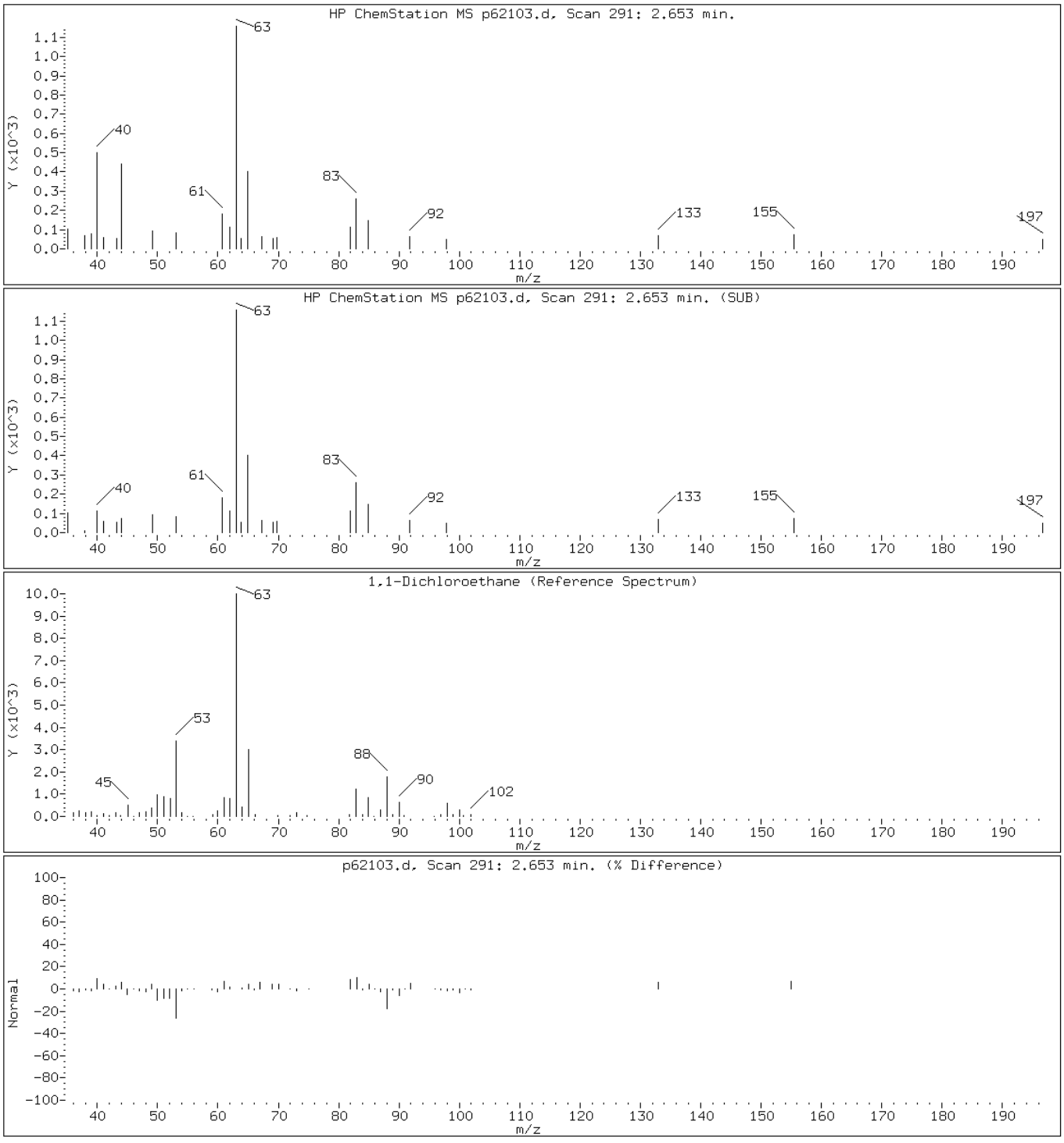
Data File: p62103.d

Date: 27-SEP-2012 01:11

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-44969-B-2 Operator:

30 1,1-Dichloroethane



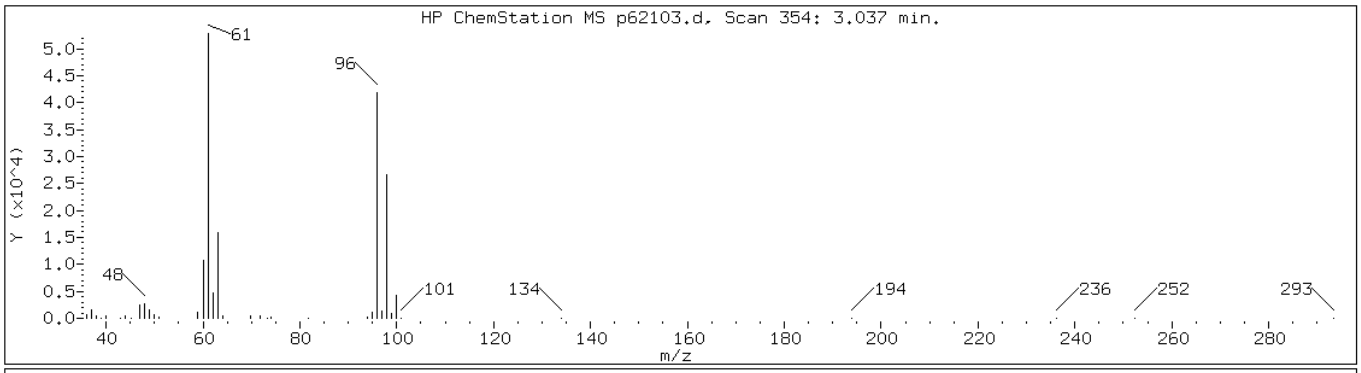
Data File: p62103.d

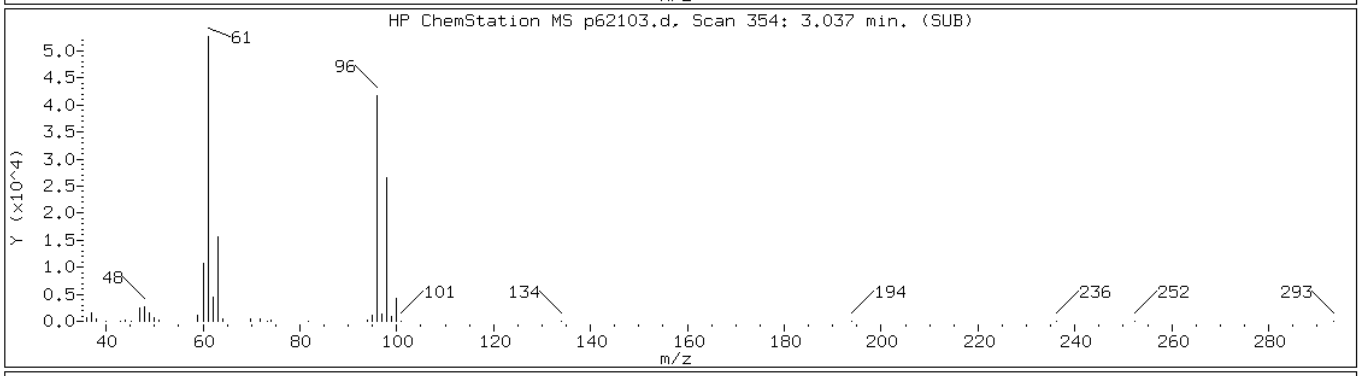
Date: 27-SEP-2012 01:11

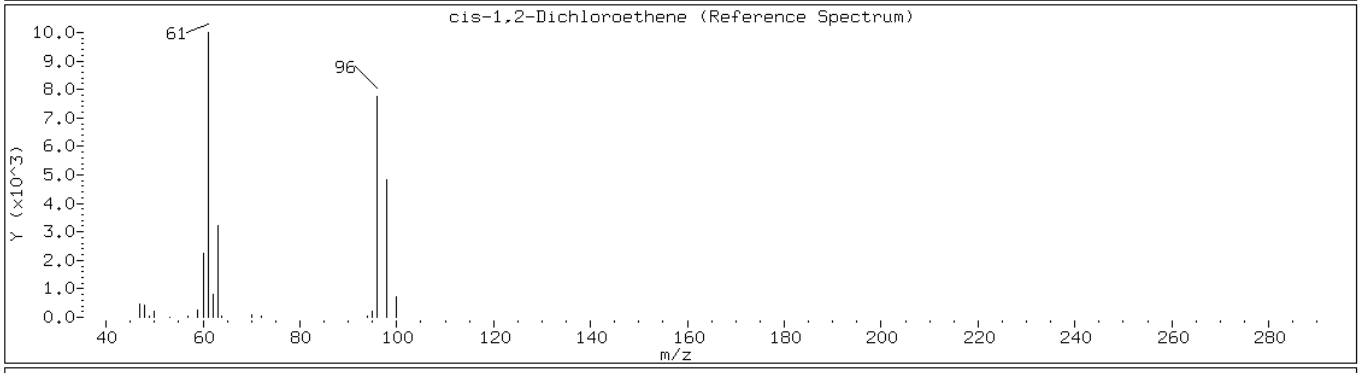
Client ID: MW-35I Instrument: VOAMS13.i

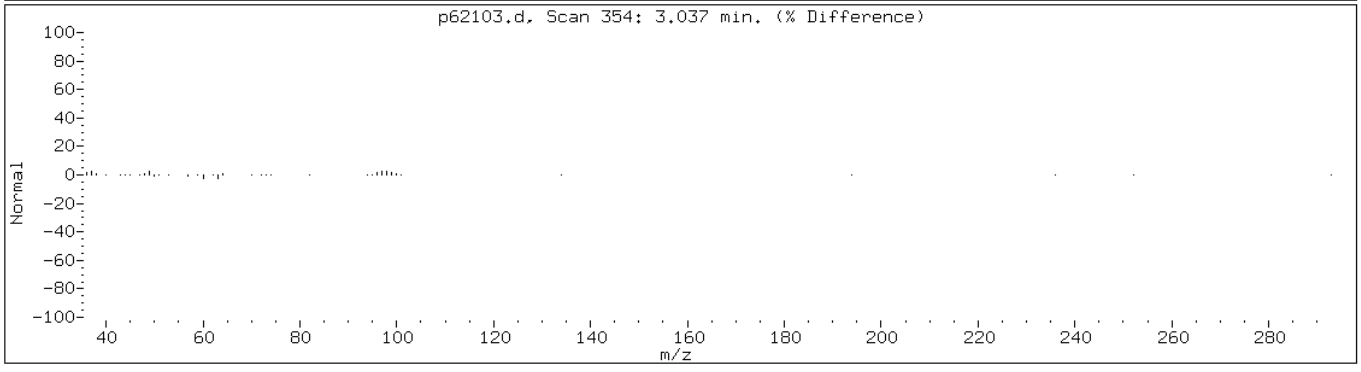
Sample Info: 460-44969-B-2 Operator:

36 cis-1,2-Dichloroethene









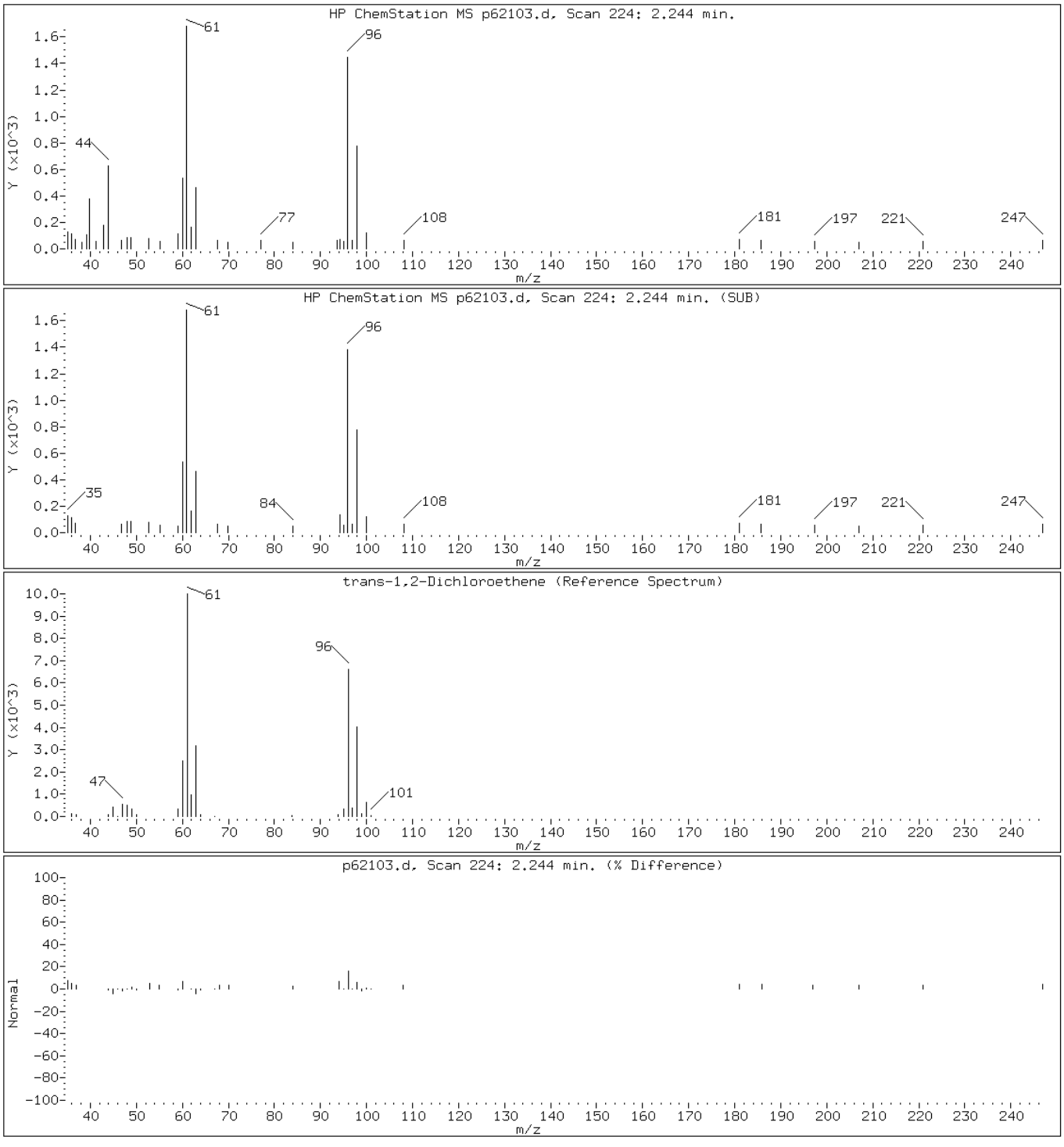
Data File: p62103.d

Date: 27-SEP-2012 01:11

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-44969-B-2 Operator:

25 trans-1,2-Dichloroethene



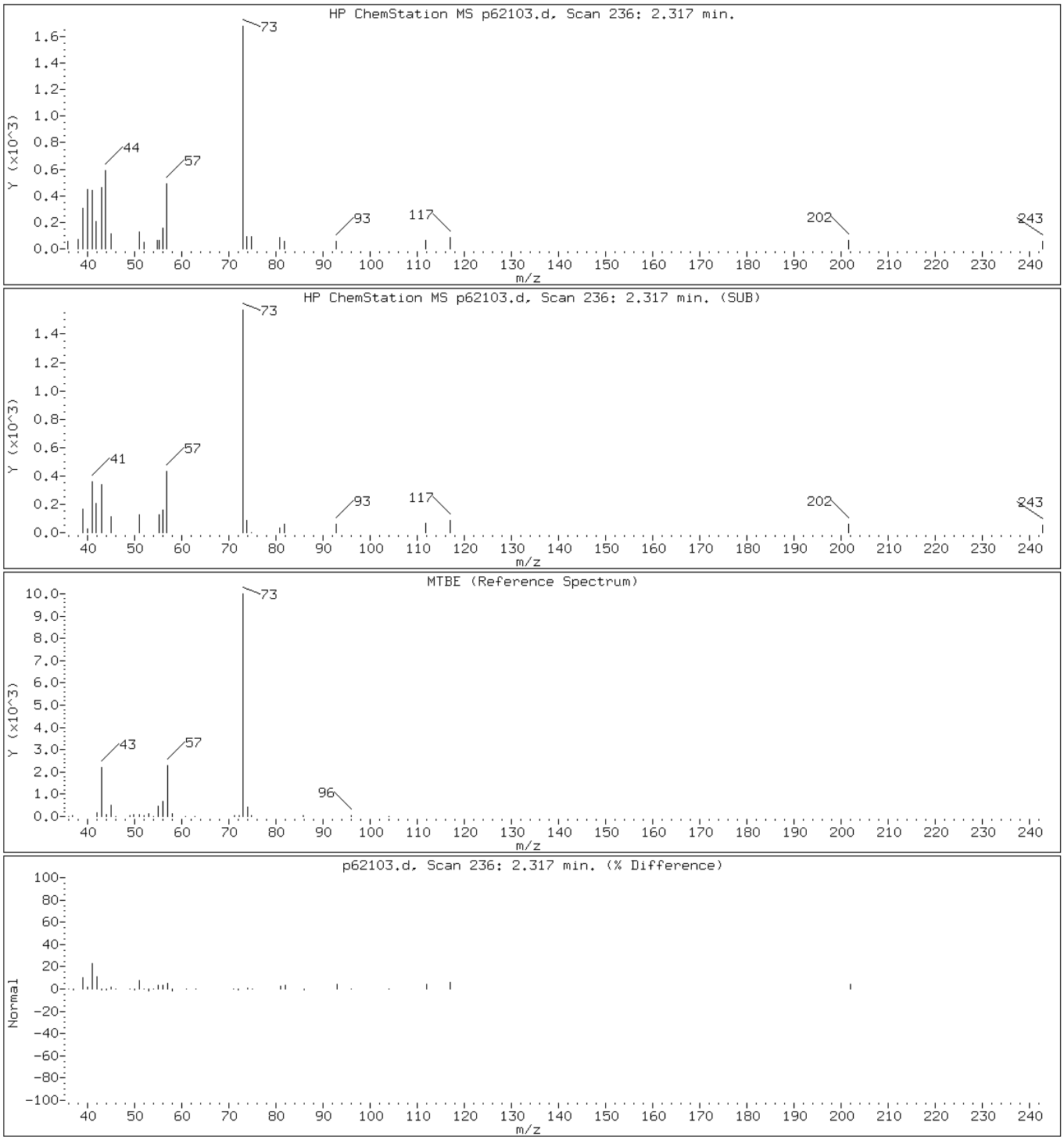
Data File: p62103.d

Date: 27-SEP-2012 01:11

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-44969-B-2 Operator:

28 MTBE



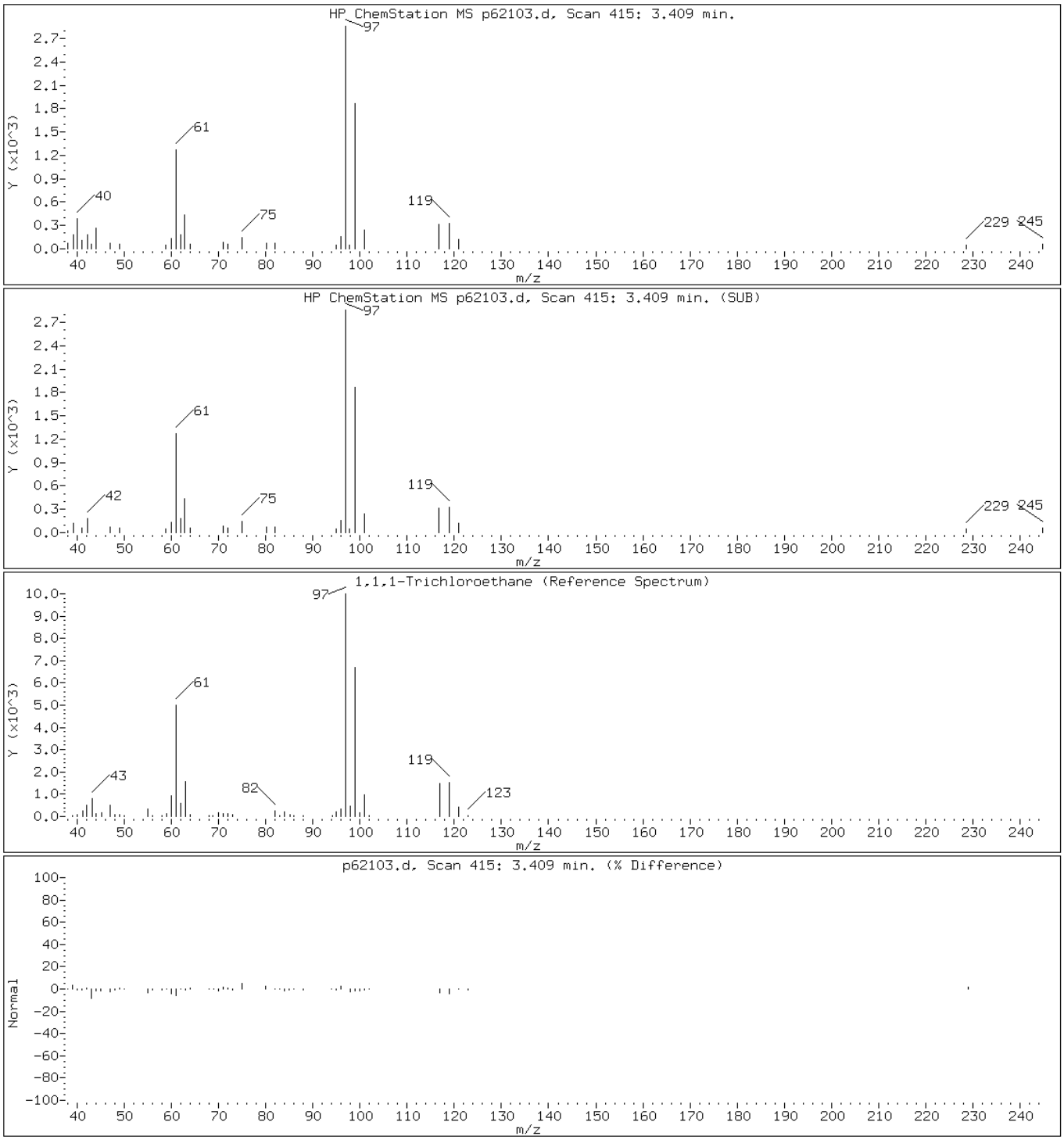
Data File: p62103.d

Date: 27-SEP-2012 01:11

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-44969-B-2 Operator:

43 1,1,1-Trichloroethane



Data File: p62103.d

Date: 27-SEP-2012 01:11

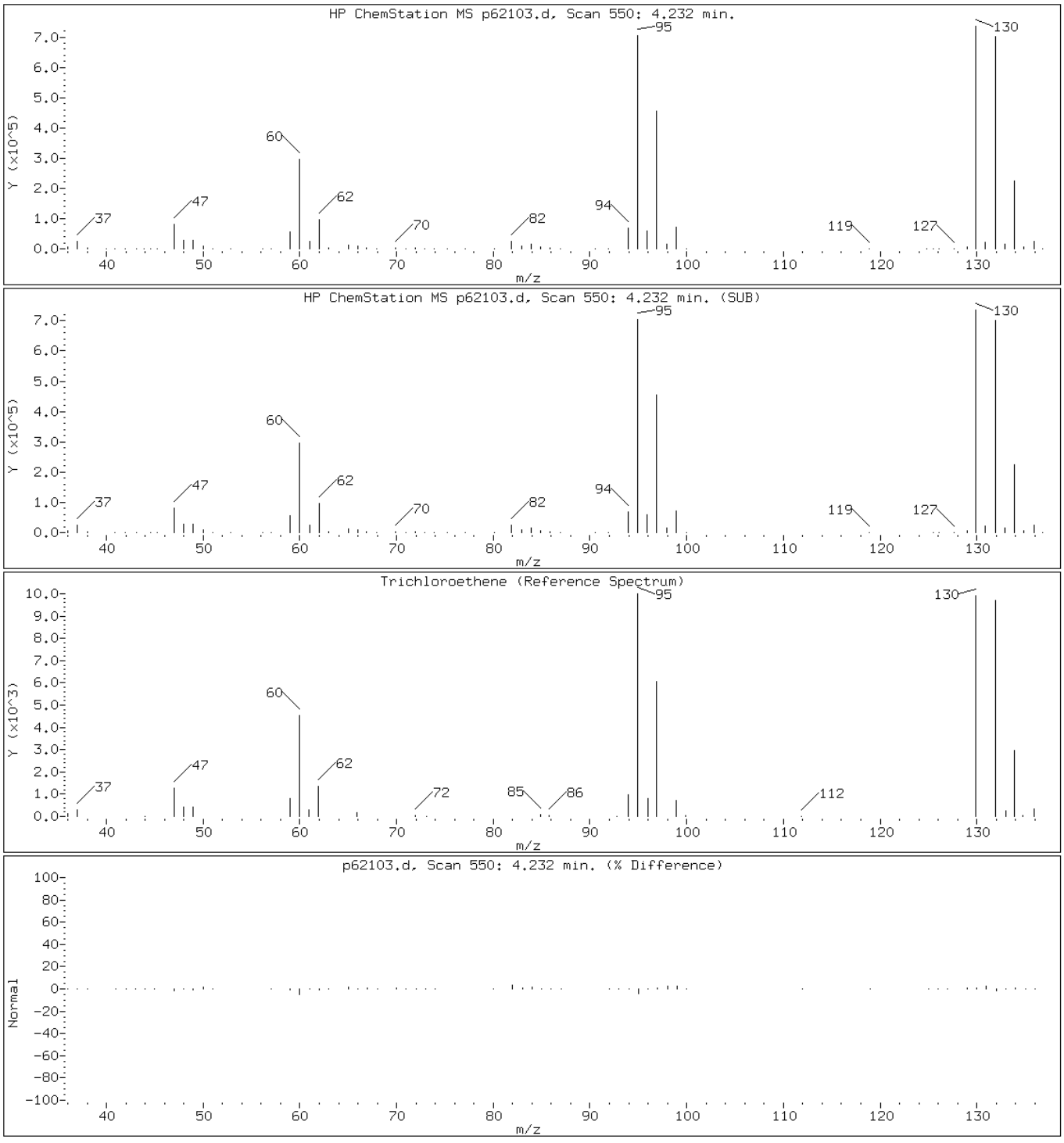
Client ID: MW-35I

Instrument: VOAMS13.i

Sample Info: 460-44969-B-2

Operator:

54 Trichloroethene



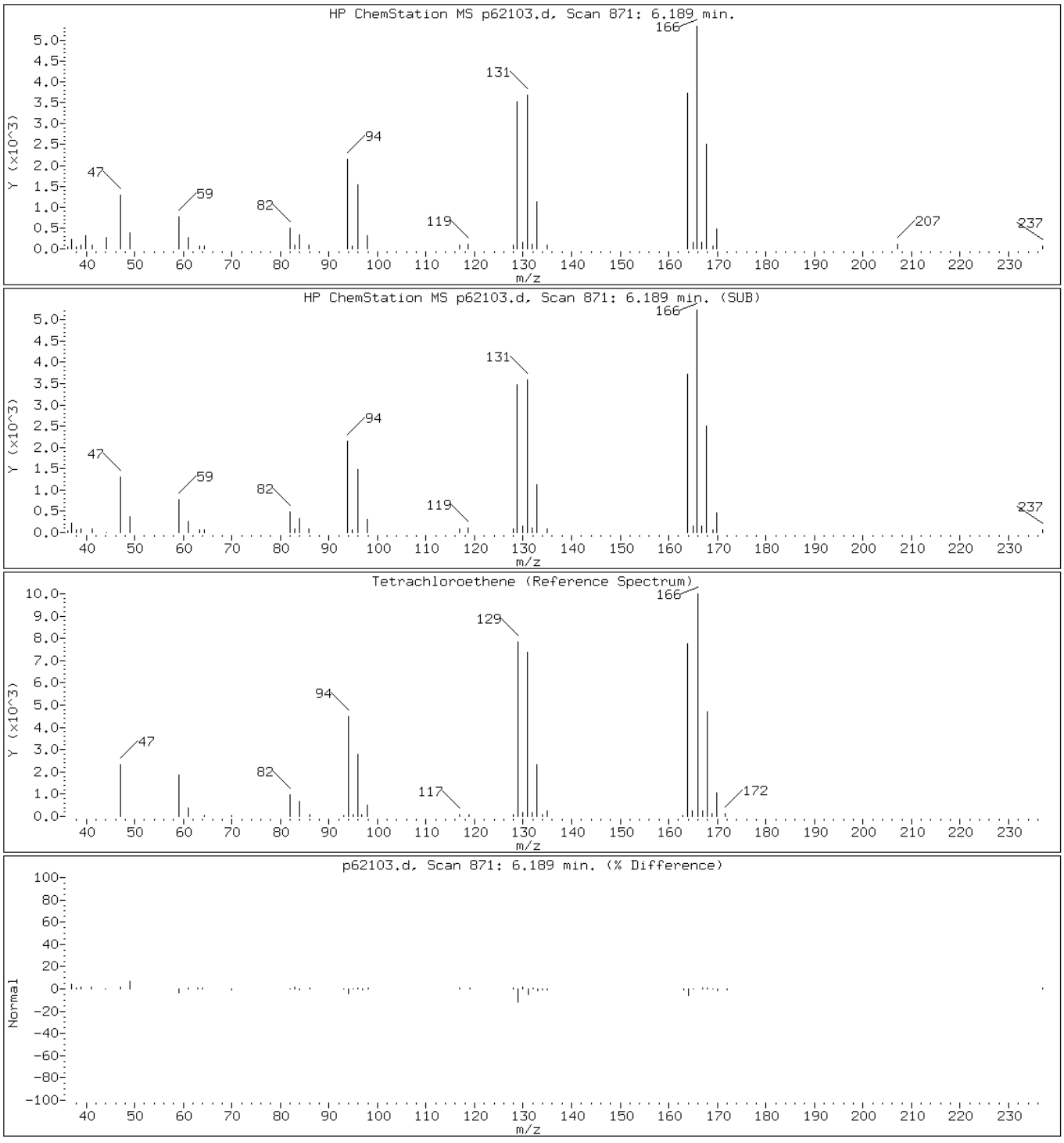
Data File: p62103.d

Date: 27-SEP-2012 01:11

Client ID: MW-35I Instrument: VOAMS13.i

Sample Info: 460-44969-B-2 Operator:

71 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: DUP-092112 | Lab Sample ID: 460-44969-3

Matrix: Water | Lab File ID: p62085.d

Analysis Method: 8260B | Date Collected: 09/21/2012 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/26/2012 17:10

Soil Aliquot Vol: | Dilution Factor: 5

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129391 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	5.0	U	5.0	1.1
74-87-3	Chloromethane	5.0	U	5.0	0.50
74-83-9	Bromomethane	5.0	U	5.0	0.90
75-01-4	Vinyl chloride	2.1	J	5.0	0.70
75-00-3	Chloroethane	5.0	U	5.0	0.85
75-69-4	Trichlorofluoromethane	5.0	U	5.0	0.75
76-13-1	Freon TF	5.0	U	5.0	0.40
75-09-2	Methylene Chloride	5.0	U	5.0	0.90
67-64-1	Acetone	25	U	25	13
75-15-0	Carbon disulfide	5.0	U	5.0	0.65
79-20-9	Methyl acetate	10	U	10	1.7
75-35-4	1,1-Dichloroethene	6.3		5.0	0.45
75-34-3	1,1-Dichloroethane	5.0	U	5.0	0.65
156-59-2	cis-1,2-Dichloroethene	150		5.0	0.90
156-60-5	trans-1,2-Dichloroethene	4.0	J	5.0	0.65
1634-04-4	MTBE	5.0	U	5.0	0.70
67-66-3	Chloroform	5.0	U	5.0	0.40
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.95
78-93-3	2-Butanone	25	U	25	12
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.30
110-82-7	Cyclohexane	5.0	U	5.0	0.80
56-23-5	Carbon tetrachloride	5.0	U	5.0	0.30
75-27-4	Bromodichloromethane	5.0	U	5.0	0.60
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.45
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.90
79-01-6	Trichloroethene	2300		5.0	0.45
108-87-2	Methylcyclohexane	5.0	U	5.0	0.70
124-48-1	Dibromochloromethane	5.0	U	5.0	1.0
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.95
71-43-2	Benzene	5.0	U	5.0	0.40
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	1.2
75-25-2	Bromoform	5.0	U	5.0	0.95
98-82-8	Isopropylbenzene	5.0	U	5.0	0.40
108-10-1	4-Methyl-2-pentanone	25	U	25	5.0
591-78-6	2-Hexanone	25	U	25	2.5
127-18-4	Tetrachloroethene	5.0	U	5.0	0.50

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: DUP-092112 Lab Sample ID: 460-44969-3

Matrix: Water Lab File ID: p62085.d

Analysis Method: 8260B Date Collected: 09/21/2012 10:00

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2012 17:10

Soil Aliquot Vol: Dilution Factor: 5

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129391 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	5.0	U	5.0	0.75
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.80
108-90-7	Chlorobenzene	5.0	U	5.0	0.55
100-41-4	Ethylbenzene	5.0	U	5.0	0.50
1330-20-7	Xylenes, Total	15	U	15	1.8
100-42-5	Styrene	5.0	U	5.0	0.60
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.0
541-73-1	1,3-Dichlorobenzene	5.0	U	5.0	0.70
106-46-7	1,4-Dichlorobenzene	5.0	U	5.0	1.2
95-50-1	1,2-Dichlorobenzene	5.0	U	5.0	1.1
120-82-1	1,2,4-Trichlorobenzene	5.0	U	5.0	1.7
106-93-4	1,2-Dibromoethane	5.0	U	5.0	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	74		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62085.d
Report Date: 26-Sep-2012 19:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62085.d
Lab Smp Id: 460-44969-A-3 Client Smp ID: DUP-092112
Inj Date : 26-SEP-2012 17:10
Operator : Inst ID: VOAMS13.i
Smp Info : 460-44969-A-3;5
Misc Info : 460-44969-A-3
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/8260_09.m
Meth Date : 26-Sep-2012 09:19 desais Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 21
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	5.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
4	Vinyl Chloride	62	1.153	1.153	(0.283)	1475	0.42457	2.1(a)
15	1,1-Dichloroethene	96	1.781	1.781	(0.437)	2692	1.25651	6.3
25	trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	2290	0.80962	4.0(a)
36	cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	90589	30.0948	150
$ 47	1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	92436	57.0546	57
* 52	Fluorobenzene	96	4.079	4.079	(1.000)	495484	50.0000	
54	Trichloroethene	95	4.231	4.232	(1.037)	1319861	456.017	2300
$ 65	Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	283922	43.6999	44
* 78	Chlorobenzene-d5	117	7.621	7.621	(1.000)	405931	50.0000	
$ 89	Bromofluorobenzene (SUR)	174	9.426	9.420	(0.841)	133774	37.1246	37
* 108	1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	236358	50.0000	
M 120	1,2-Dichloroethene (Total)	100				92879	30.9044	150

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62085.d
Report Date: 26-Sep-2012 19:03

QC Flag Legend

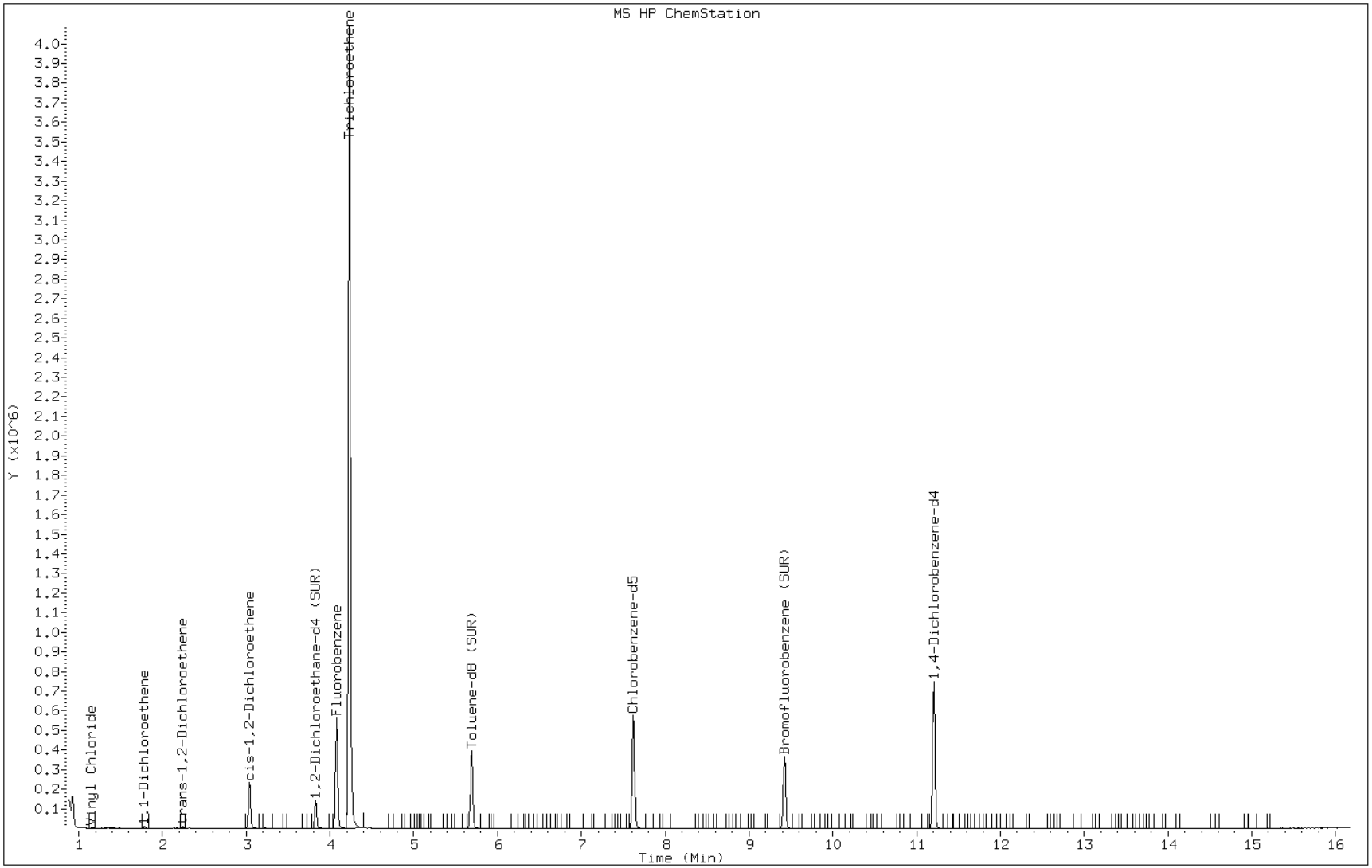
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: p62085.d

Date: 26-SEP-2012 17:10

Client ID: DUP-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-3;5 Operator:



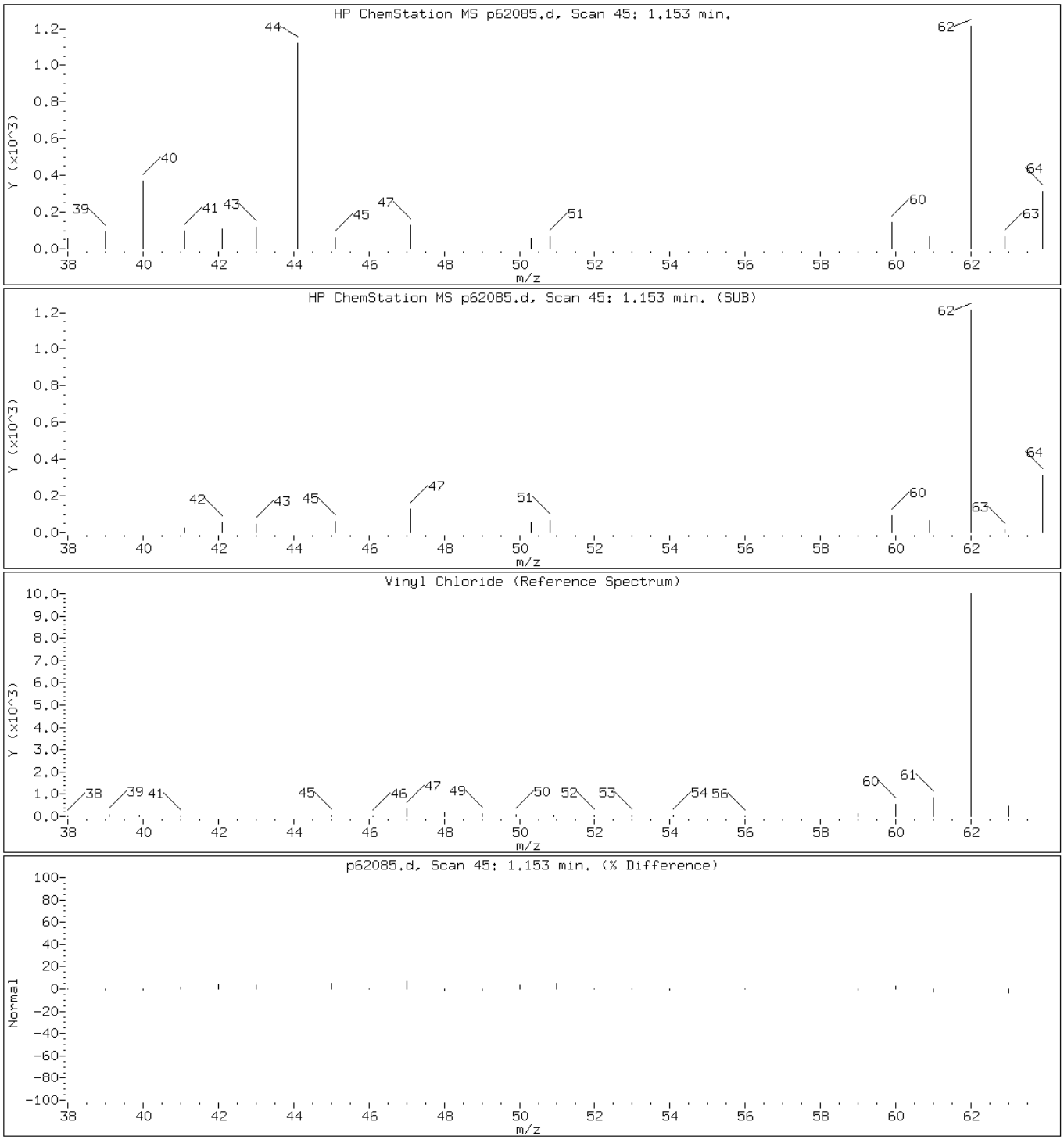
Data File: p62085.d

Date: 26-SEP-2012 17:10

Client ID: DUP-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-3;5 Operator:

4 Vinyl Chloride



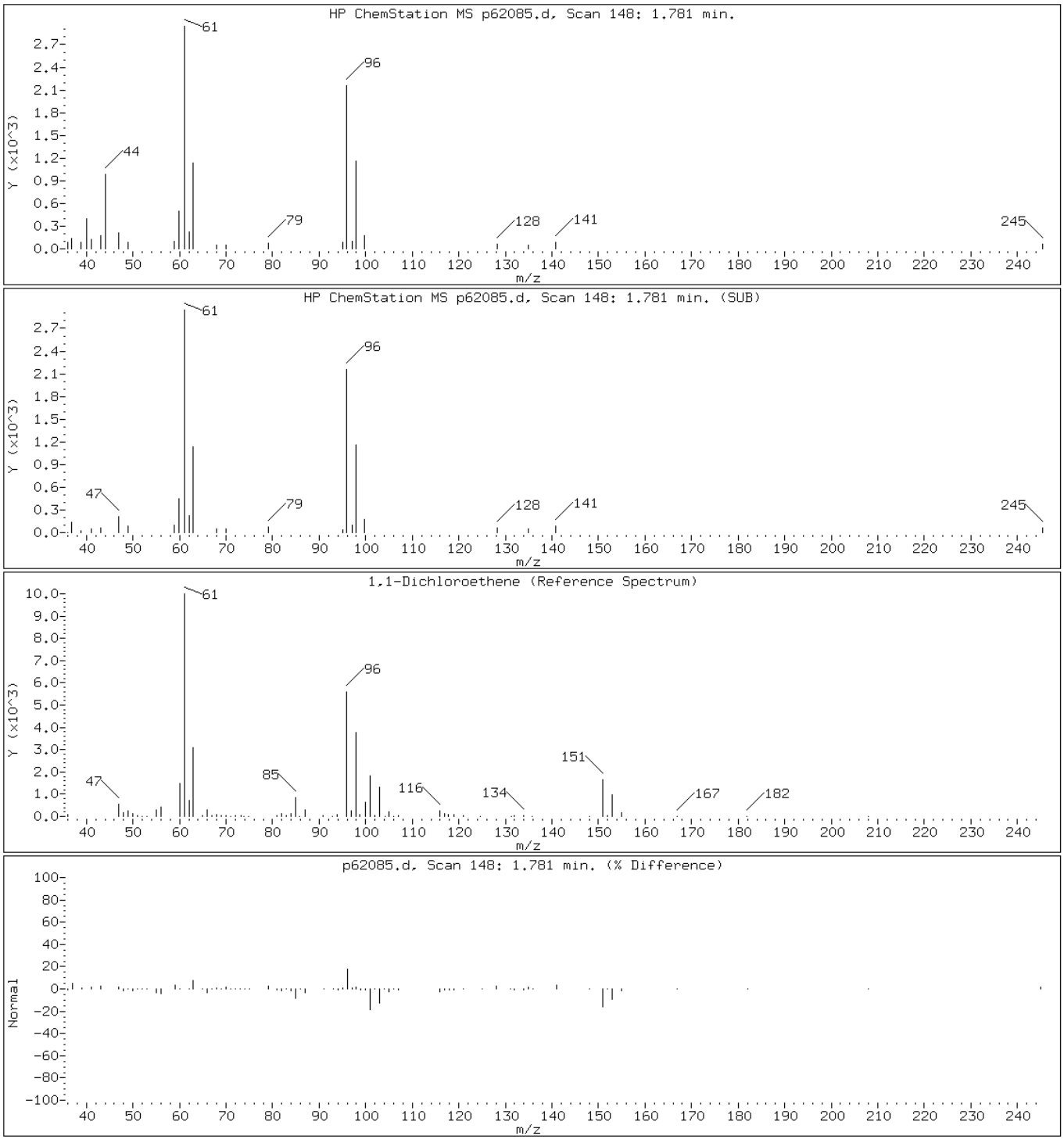
Data File: p62085.d

Date: 26-SEP-2012 17:10

Client ID: DUP-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-3;5 Operator:

15 1,1-Dichloroethene



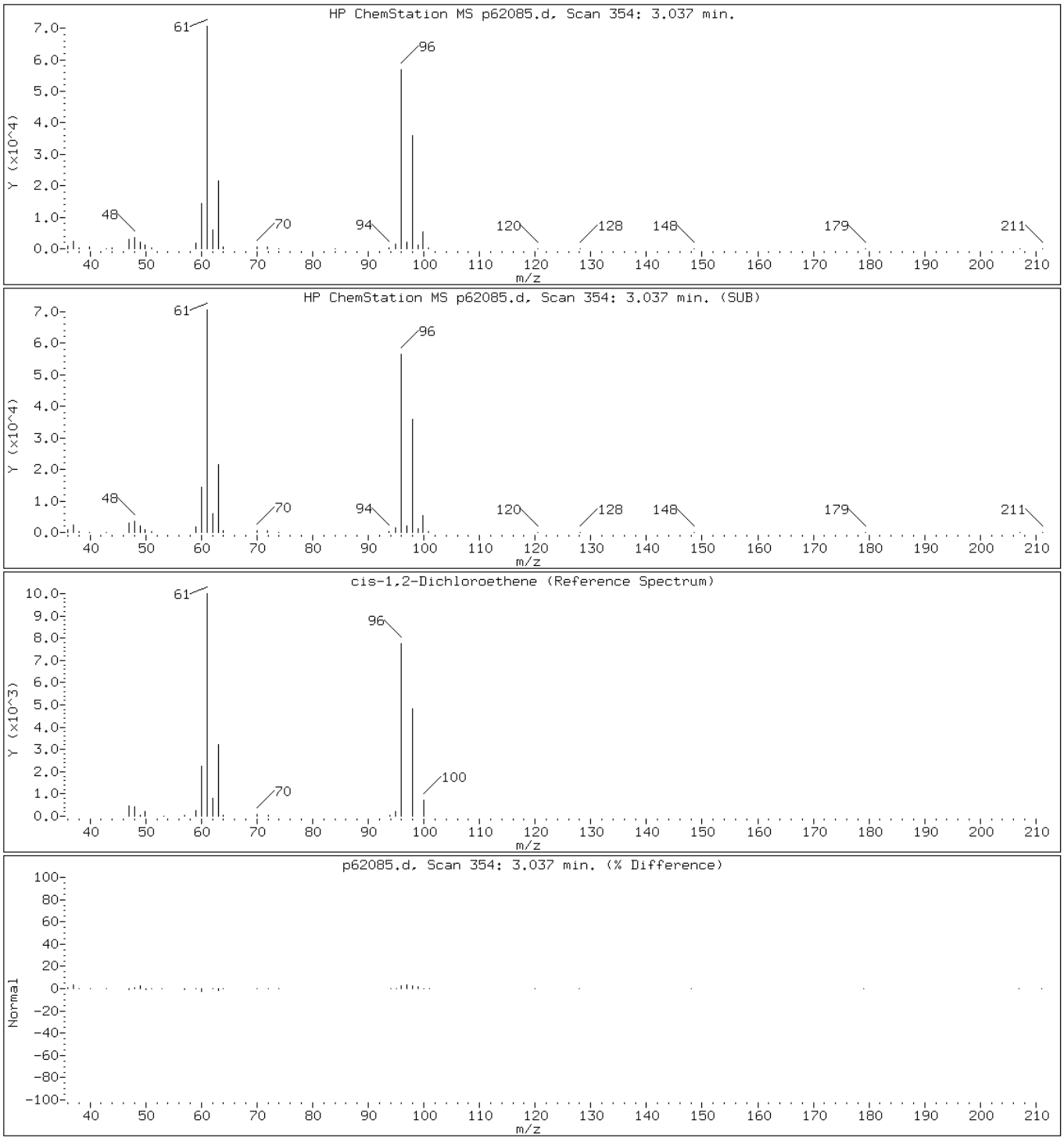
Data File: p62085.d

Date: 26-SEP-2012 17:10

Client ID: DUP-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-3;5 Operator:

36 cis-1,2-Dichloroethene



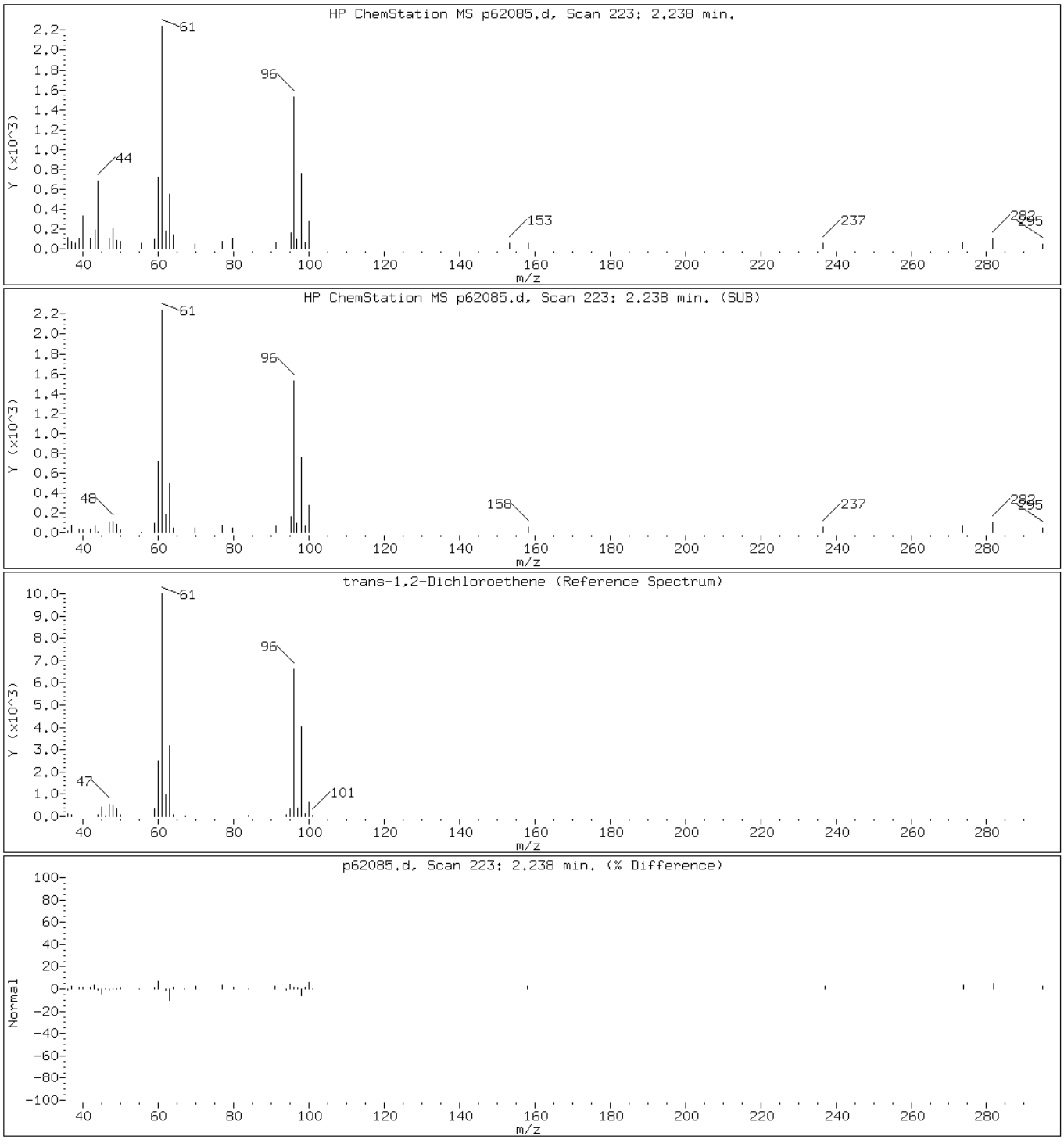
Data File: p62085.d

Date: 26-SEP-2012 17:10

Client ID: DUP-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-3;5 Operator:

25 trans-1,2-Dichloroethene



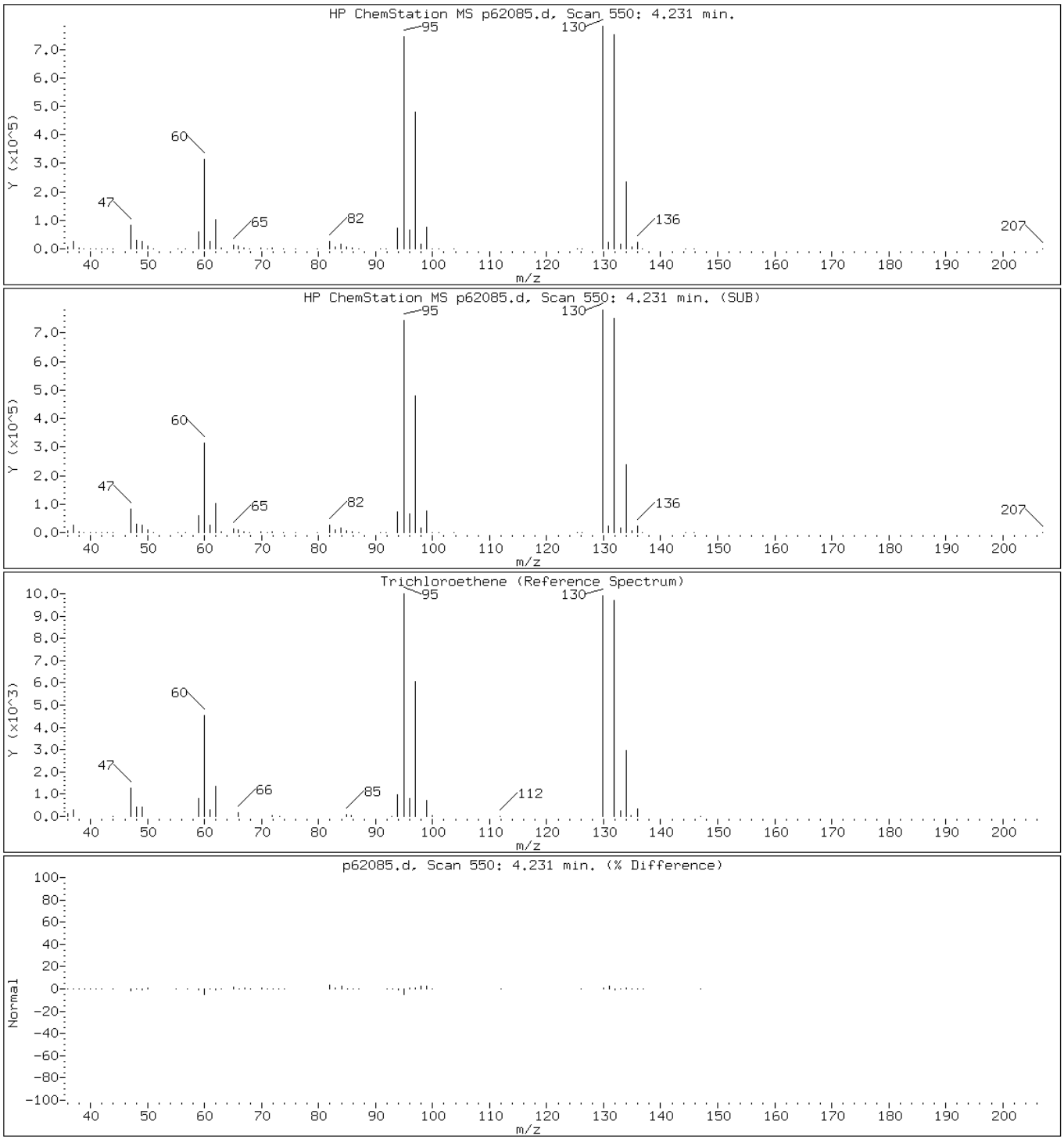
Data File: p62085.d

Date: 26-SEP-2012 17:10

Client ID: DUP-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-3;5 Operator:

54 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: FB-092112 Lab Sample ID: 460-44969-4

Matrix: Water Lab File ID: p62078.d

Analysis Method: 8260B Date Collected: 09/21/2012 09:45

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2012 14:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129391 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.8		1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	0.20	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: FB-092112 | Lab Sample ID: 460-44969-4

Matrix: Water | Lab File ID: p62078.d

Analysis Method: 8260B | Date Collected: 09/21/2012 09:45

Sample wt/vol: 5(mL) | Date Analyzed: 09/26/2012 14:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129391 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	87		70-130
460-00-4	Bromofluorobenzene	73		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62078.d
Report Date: 26-Sep-2012 18:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62078.d
Lab Smp Id: 460-44969-A-4 Client Smp ID: FB-092112
Inj Date : 26-SEP-2012 14:15
Operator : Inst ID: VOAMS13.i
Smp Info : 460-44969-A-4
Misc Info : 460-44969-A-4
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/8260_09.m
Meth Date : 26-Sep-2012 09:19 desais Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	2.141	2.140	(0.525)	5281	1.79139	1.8(H)
42 Chloroform	83	3.244	3.250	(0.795)	878	0.19627	0.20(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	87026	56.1403	56
* 52 Fluorobenzene	96	4.079	4.079	(1.000)	474082	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	279389	43.4079	43
* 78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	402137	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.426	9.420	(0.841)	130622	36.6455	37
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	233806	50.0000	

QC Flag Legend

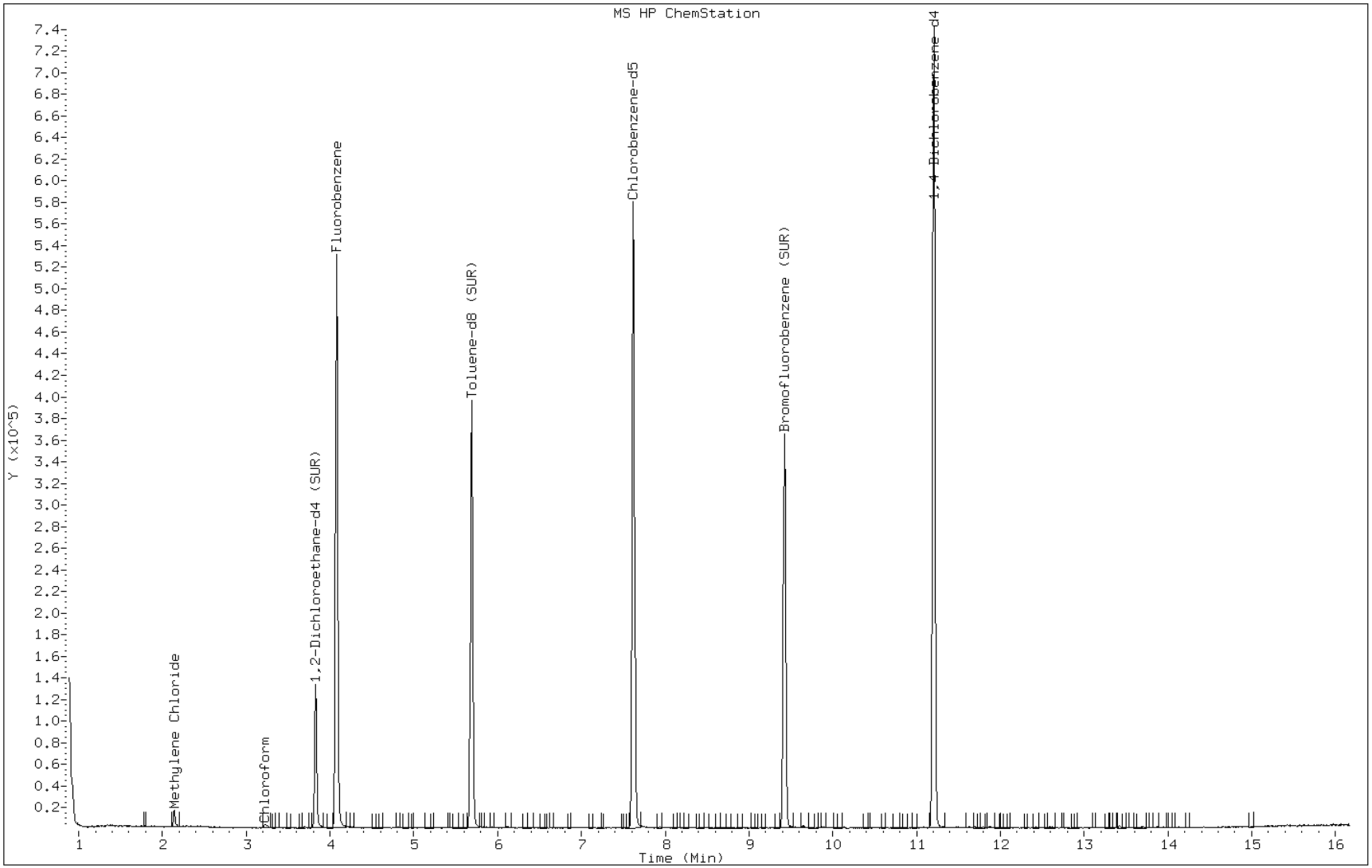
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: p62078.d

Date: 26-SEP-2012 14:15

Client ID: FB-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-4 Operator:



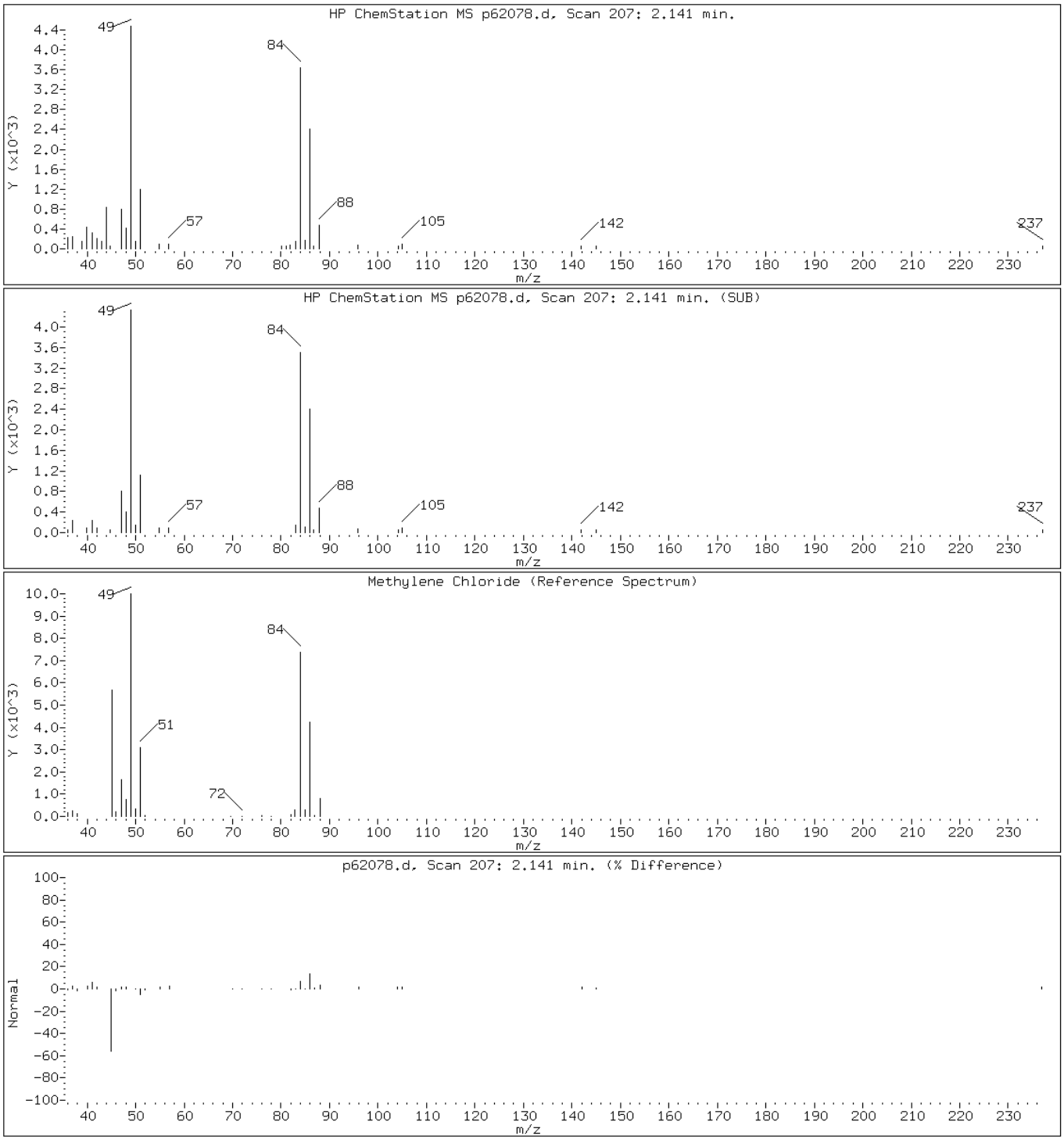
Data File: p62078.d

Date: 26-SEP-2012 14:15

Client ID: FB-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-4 Operator:

22 Methylene Chloride



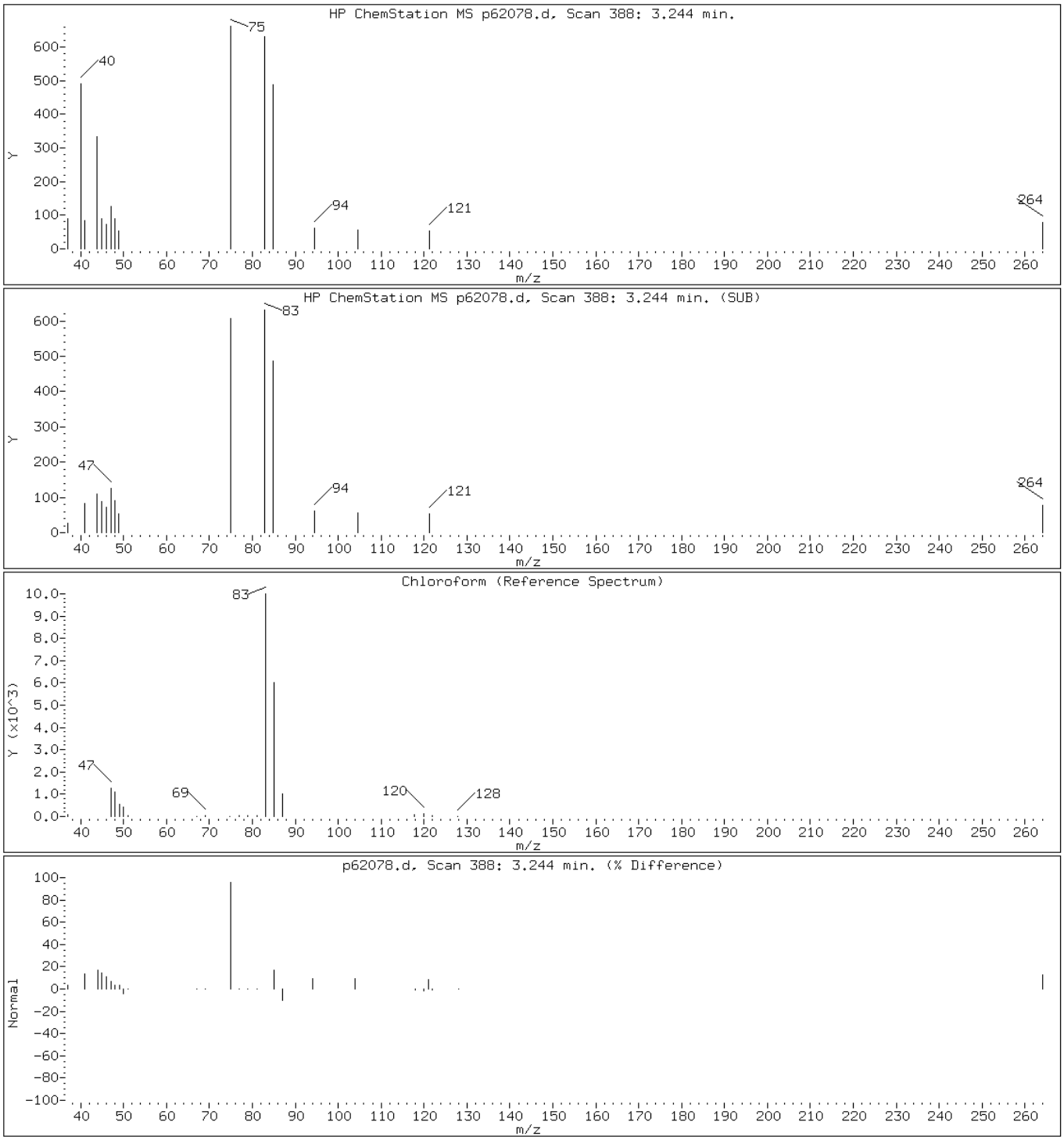
Data File: p62078.d

Date: 26-SEP-2012 14:15

Client ID: FB-092112 Instrument: VOAMS13.i

Sample Info: 460-44969-A-4 Operator:

42 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 460-44969-5

Matrix: Water | Lab File ID: p62079.d

Analysis Method: 8260B | Date Collected: 09/21/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/26/2012 14:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129391 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.9		1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	0.17	J	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 460-44969-5

Matrix: Water | Lab File ID: p62079.d

Analysis Method: 8260B | Date Collected: 09/21/2012 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 09/26/2012 14:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129391 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		70-130
2037-26-5	Toluene-d8 (Surr)	97		70-130
460-00-4	Bromofluorobenzene	84		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62079.d
Report Date: 26-Sep-2012 18:59

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62079.d
Lab Smp Id: 460-44969-A-5 Client Smp ID: TRIP BLANK
Inj Date : 26-SEP-2012 14:40
Operator : Inst ID: VOAMS13.i
Smp Info : 460-44969-A-5
Misc Info : 460-44969-A-5
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/8260_09.m
Meth Date : 26-Sep-2012 09:19 desais Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
22 Methylene Chloride	84	2.140	2.140	(0.525)	5103	1.91589	1.9
42 Chloroform	83	3.244	3.250	(0.795)	674	0.16676	0.17(a)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	89370	63.8101	64
* 52 Fluorobenzene	96	4.079	4.079	(1.000)	428333	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	281766	48.6832	49
* 78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	361612	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.426	9.420	(0.841)	132795	41.9950	42
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	207417	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p62079.d

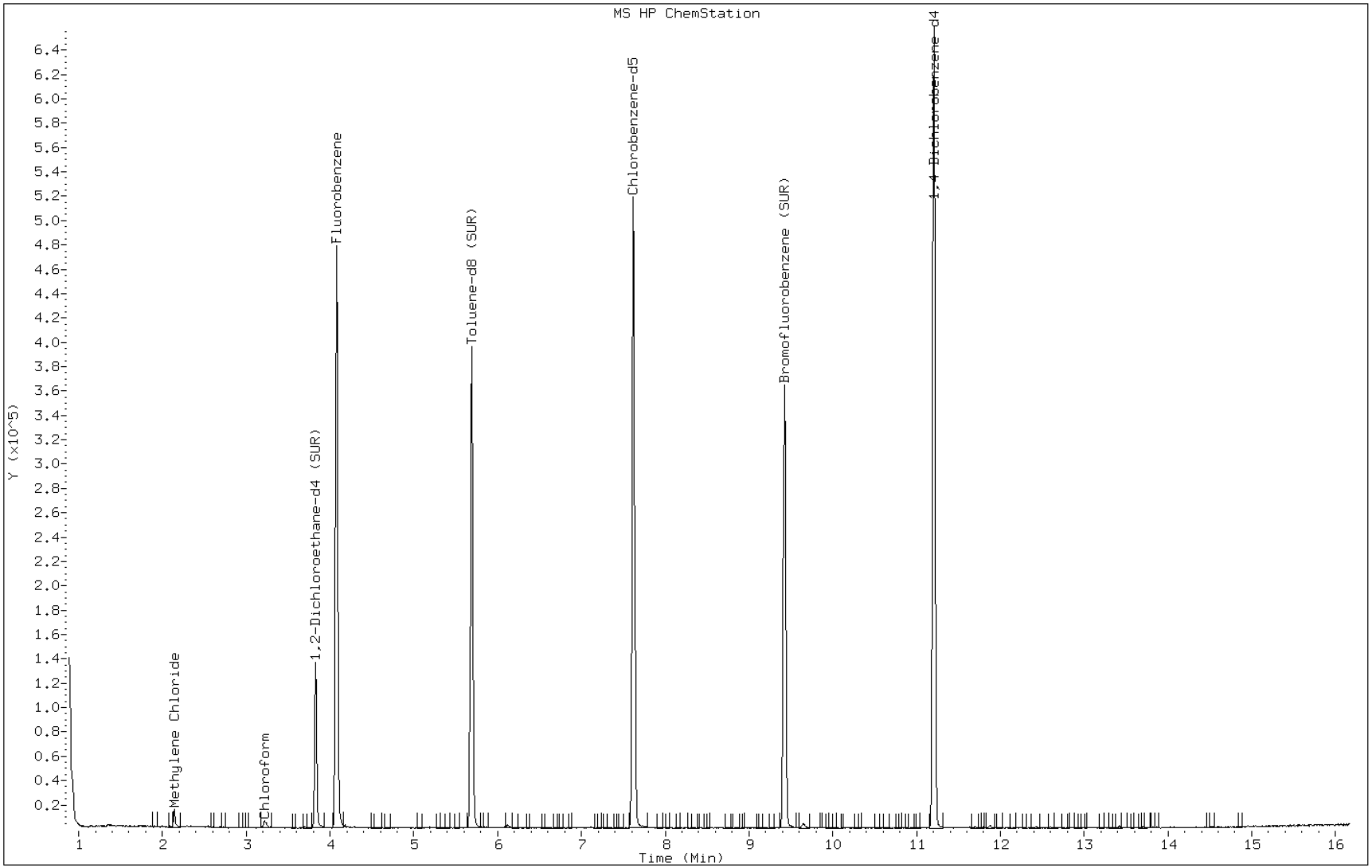
Date: 26-SEP-2012 14:40

Client ID: TRIP BLANK

Instrument: VOAMS13.i

Sample Info: 460-44969-A-5

Operator:



Data File: p62079.d

Date: 26-SEP-2012 14:40

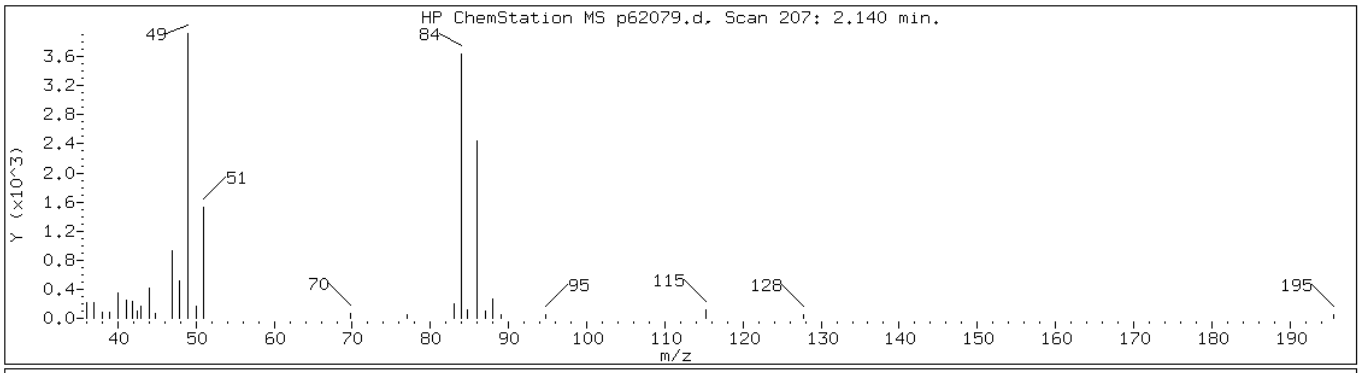
Client ID: TRIP BLANK

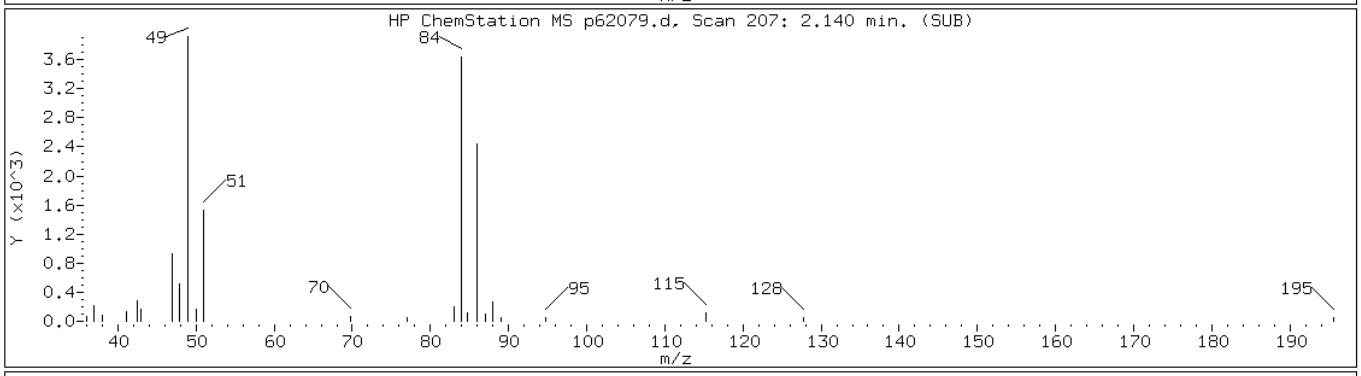
Instrument: VOAMS13.i

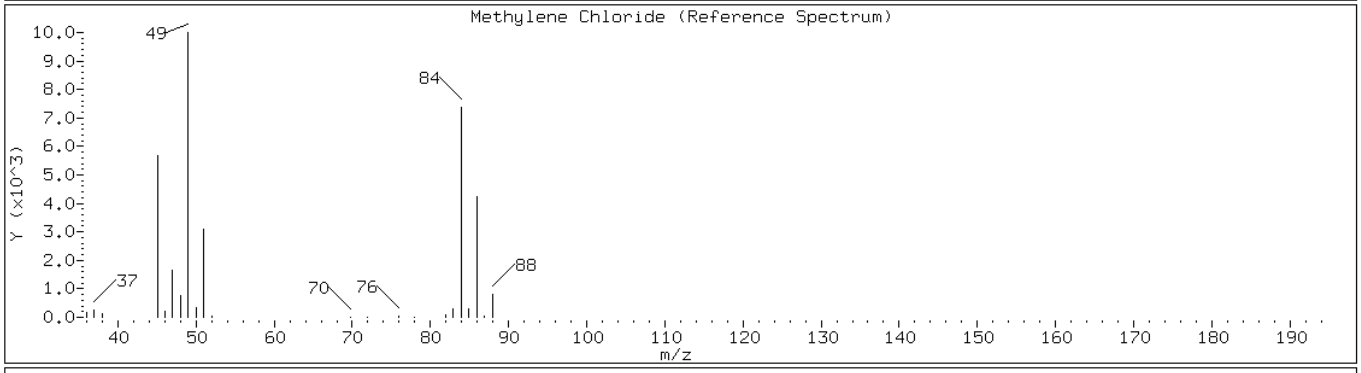
Sample Info: 460-44969-A-5

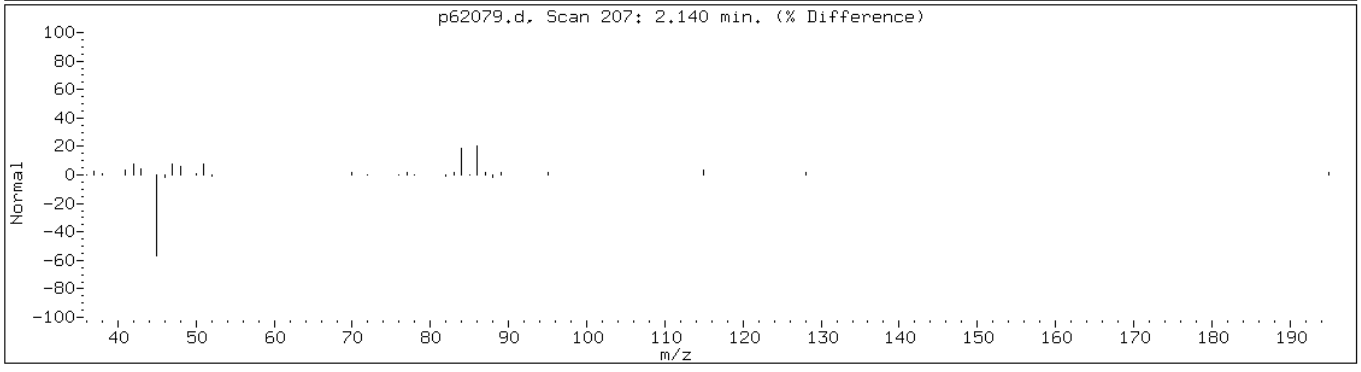
Operator:

22 Methylene Chloride









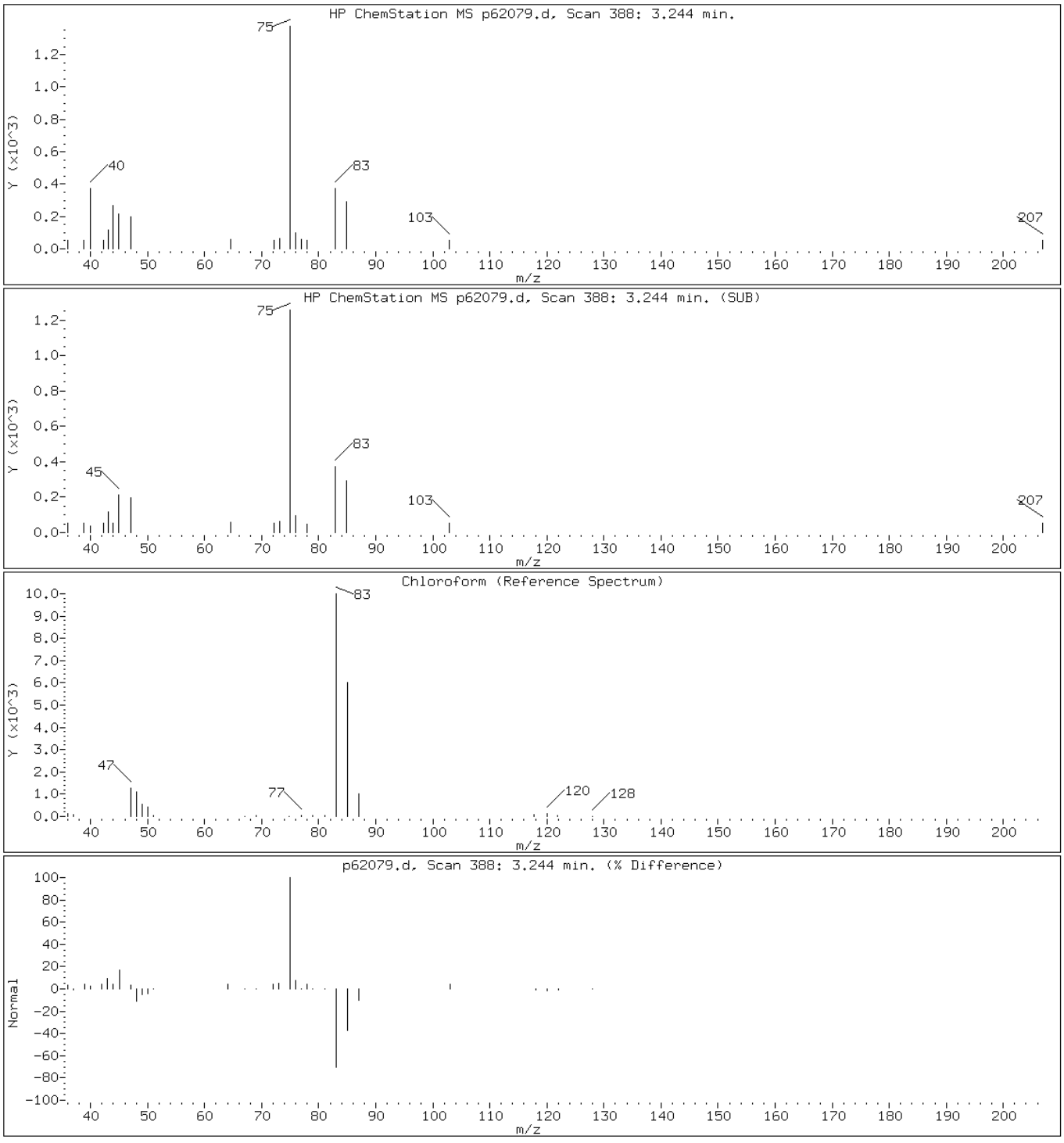
Data File: p62079.d

Date: 26-SEP-2012 14:40

Client ID: TRIP BLANK Instrument: VOAMS13.i

Sample Info: 460-44969-A-5 Operator:

42 Chloroform



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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127499/2	p61357.d
Level 2	IC 460-127499/3	p61358.d
Level 3	ICIS 460-127499/4	p61359.d
Level 4	IC 460-127499/5	p61360.d
Level 5	IC 460-127499/6	p61361.d
Level 6	IC 460-127499/7	p61362.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3300 0.2704	0.3060	0.2381	0.2364	0.2400	Ave		0.2701				14.8		15.0			
Chloromethane	0.4257 0.3754	0.3622	0.3119	0.3144	0.3206	Ave		0.3517			0.1000	12.8		15.0			
Vinyl chloride	0.4126 0.3601	0.3739	0.3172	0.3169	0.3228	Ave		0.3506				11.0		30.0			
Bromomethane	0.1575 0.1757	0.1126	0.1058	0.1098	0.1381	QuaF		8.0642	-1.351						0.9998		0.9900
Chloroethane	0.1389 0.1650	0.1665	0.1400	0.1426	0.1417	Ave		0.1491				8.7		15.0			
n-Pentane	0.0732 0.0559	0.0634	0.0541	0.0565	0.0564	Ave		0.0599				12.1		15.0			
Trichlorofluoromethane	0.4317 0.4223	0.4281	0.3912	0.3931	0.3965	Ave		0.4105				4.6		15.0			
Dichlorofluoromethane	0.5839 0.5416	0.5239	0.5090	0.4960	0.5058	Ave		0.5267				6.1		15.0			
Isopropene	0.4967 0.4273	0.4502	0.4023	0.4060	0.3978	Ave		0.4300				8.9		15.0			
Ethyl ether	0.3157 0.2698	0.2719	0.2476	0.2453	0.2447	Ave		0.2658				10.3		15.0			
Ethanol	0.0016 +++++	0.0016	0.0016	0.0017	0.0018	Ave		0.0017				6.9		15.0			
1,1-Dichloroethene	0.1927 0.2441	0.2301	0.2022	0.2091	0.2190	Ave		0.2162				8.7		30.0			
Carbon disulfide	1.0016 0.9795	0.9162	0.8985	0.8942	0.9069	Ave		0.9328				4.9		15.0			
Freon TF	0.3124 0.2770	0.2758	0.2509	0.2577	0.2619	Ave		0.2726				8.1		15.0			
Cyclopentene	0.9344 0.8371	0.8576	0.7693	0.7768	0.7741	Ave		0.8249				7.9		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	0.0659 0.0654	0.0596	0.0577	0.0549	0.0580	Ave		0.0602				7.4		15.0			
Methylene Chloride	0.4146 0.3161	0.2962	0.2736	0.2734	0.2763	LinF		0.3109							0.9968		0.9900
Acetone	0.0388 0.0316	0.0318	0.0295	0.0273	0.0271	Ave		0.0310				13.9		15.0			
trans-1,2-Dichloroethene	0.3035 0.3164	0.2810	0.2643	0.2720	0.2754	Ave		0.2854				7.1		15.0			
Methyl acetate	0.1208 0.0787	0.0782	0.0712	0.0667	0.0695	LinF		0.0775							0.9972		0.9900
Hexane	0.0797 0.0728	0.0717	0.0622	0.0674	0.0694	Ave		0.0705				8.3		15.0			
MTBE	1.0085 1.0286	0.9452	0.9074	0.9027	0.9186	Ave		0.9518				5.7		15.0			
TBA	0.0331 0.0417	0.0338	0.0368	0.0347	0.0360	Ave		0.0360				8.6		15.0			
Acetonitrile	0.0120 0.0083	0.0083	0.0071	0.0075	0.0072	LinF		0.0082							0.9967		0.9900
DIPE	1.2165 1.0918	1.0409	1.0057	0.9803	0.9892	Ave		1.0541				8.5		15.0			
1,1-Dichloroethane	0.5438 0.5835	0.5114	0.4922	0.4956	0.5088	Ave		0.5226			0.1000	6.7		15.0			
Acrylonitrile	0.1388 0.1433	0.1252	0.1181	0.1147	0.1227	Ave		0.1271				9.0		15.0			
Tert-butyl ethyl ether	1.0414 1.0268	0.9516	0.9303	0.9084	0.9273	Ave		0.9643				5.8		15.0			
Vinyl acetate	0.7280 0.6645	0.5750	0.6460	0.6711	0.6590	Ave		0.6572				7.5		15.0			
cis-1,2-Dichloroethene	0.3321 0.3383	0.2898	0.2838	0.2850	0.2936	Ave		0.3038				8.1		15.0			
2,2-Dichloropropane	0.4432 0.4524	0.4248	0.4012	0.4007	0.4048	Ave		0.4212				5.4		15.0			
Cyclohexane	0.5599 0.5147	0.5226	0.4565	0.4764	0.4842	Ave		0.5024				7.4		15.0			
Bromochloromethane	0.1598 0.1580	0.1503	0.1383	0.1379	0.1405	Ave		0.1475				6.7		15.0			
Chloroform	0.4714 0.5325	0.4688	0.4479	0.4479	0.4623	Ave		0.4718				6.7		30.0			
Carbon tetrachloride	0.3739 0.3904	0.3380	0.3239	0.3367	0.3466	Ave		0.3516				7.2		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0318 0.0434	0.0402	0.0350	0.0363	0.0377	Ave		0.0374				10.9		15.0			
Tetrahydrofuran	0.1724 0.1812	0.1628	0.1597	0.1555	0.1607	Ave		0.1654				5.8		15.0			
1,1,1-Trichloroethane	0.4356 0.4561	0.4151	0.3883	0.3934	0.4039	Ave		0.4154				6.3		15.0			
1,1-Dichloropropene	0.4214 0.4553	0.4006	0.3823	0.3924	0.4065	Ave		0.4098				6.3		15.0			
2-Butanone	0.0480 0.0588	0.0412	0.0504	0.0483	0.0518	Ave		0.0498				11.5		15.0			
n-Heptane	0.2144 0.1819	0.1963	0.1614	0.1737	0.1767	Ave		0.1841				10.2		15.0			
Benzene	1.4986 1.6841	1.4699	1.4568	1.4427	1.4987	Ave		1.5085				5.9		15.0			
Tert-amyl methyl ether	0.9374 0.9920	0.8991	0.8756	0.8515	0.8760	Ave		0.9053				5.7		15.0			
1,2-Dichloroethane	0.3763 0.4094	0.3627	0.3517	0.3555	0.3574	Ave		0.3688				5.9		15.0			
Isobutyl alcohol	0.0150 0.0190	0.0158	0.0158	0.0158	0.0161	Ave		0.0163				8.6		15.0			
2,4,4-Trimethyl-1-pentene	0.1120 0.0959	0.0965	0.0807	0.0870	0.0908	Ave		0.0938				11.4		15.0			
Isopropyl acetate	0.6258 0.6990	0.5718	0.5993	0.5953	0.6230	Ave		0.6190				7.1		15.0			
Methylcyclohexane	0.5523 0.5010	0.5109	0.4233	0.4566	0.4708	Ave		0.4858				9.3		15.0			
Trichloroethene	0.3106 0.3301	0.2856	0.2692	0.2721	0.2848	Ave		0.2921				8.1		15.0			
n-Butanol	0.0100 0.0125	0.0103	0.0102	0.0104	0.0105	Ave		0.0107				8.7		15.0			
Dibromomethane	0.1931 0.1965	0.1768	0.1645	0.1700	0.1741	Ave		0.1792				7.2		15.0			
1,2-Dichloropropane	0.3055 0.3407	0.2836	0.2847	0.2844	0.2954	Ave		0.2990				7.4		30.0			
Ethyl acrylate	0.4667 0.4876	0.4376	0.4184	0.4120	0.4246	Ave		0.4412				6.8		15.0			
Bromodichloromethane	0.3883 0.4319	0.3672	0.3525	0.3580	0.3733	Ave		0.3785				7.7		15.0			
Methyl methacrylate	0.1072 0.1052	0.0955	0.0928	0.0900	0.0909	Ave		0.0969				7.7		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.0048 0.0057	0.0041	0.0043	0.0046	0.0044	Ave		0.0046				12.7		15.0			
Propyl acetate	0.5392 0.5523	0.4691	0.4729	0.4666	0.4799	Ave		0.4967				7.7		15.0			
2-Chloroethyl vinyl ether	0.1910 0.2256	0.1788	0.1856	0.1837	0.1900	Ave		0.1924				8.7		15.0			
cis-1,3-Dichloropropene	0.6241 0.7470	0.6146	0.6290	0.6202	0.6487	Ave		0.6472				7.8		15.0			
Toluene	1.7014 1.8694	1.6304	1.6047	1.5953	1.6498	Ave		1.6752				6.1		30.0			
Epichlorohydrin	0.0418 0.0508	0.0436	0.0455	0.0430	0.0445	Ave		0.0449				7.1		15.0			
Tetrachloroethene	0.4120 0.4366	0.3867	0.3664	0.3698	0.3855	Ave		0.3928				6.8		15.0			
4-Methyl-2-pentanone	0.4701 0.5065	0.4111	0.4410	0.4213	0.4441	Ave		0.4490				7.7		15.0			
trans-1,3-Dichloropropene	0.5633 0.7055	0.5855	0.5873	0.5803	0.6094	Ave		0.6052				8.5		15.0			
1,1,2-Trichloroethane	0.3149 0.3400	0.2793	0.2775	0.2773	0.2950	Ave		0.2973				8.6		15.0			
Ethyl methacrylate	0.5011 0.5195	0.4594	0.4464	0.4303	0.4464	Ave		0.4672				7.5		15.0			
Dibromochloromethane	0.3725 0.4639	0.3600	0.3696	0.3690	0.3971	Ave		0.3887				10.0		15.0			
1,3-Dichloropropane	0.6414 0.7078	0.5890	0.5881	0.5849	0.6126	Ave		0.6206				7.7		15.0			
1,2-Dibromoethane	0.3703 0.4213	0.3543	0.3427	0.3525	0.3670	Ave		0.3680				7.6		15.0			
Butyl acetate	0.1418 0.1492	0.1209	0.1251	0.1211	0.1289	Ave		0.1312				8.9		15.0			
2-Hexanone	0.3193 0.3691	0.2975	0.3341	0.3022	0.3205	Ave		0.3238				8.0		15.0			
Chlorobenzene	1.1165 1.2509	1.0669	1.0481	1.0406	1.0876	Ave		1.1018			0.3000	7.1		15.0			
Ethylbenzene	0.6351 0.6825	0.5736	0.5548	0.5585	0.5917	Ave		0.5994				8.4		30.0			
1,1,1,2-Tetrachloroethane	0.3725 0.4552	0.3690	0.3628	0.3645	0.3916	Ave		0.3859				9.2		15.0			
m&p-Xylene	0.7395 0.8485	0.7101	0.6872	0.6875	0.7321	Ave		0.7341				8.2		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
o-Xylene	0.7218 0.8266	0.6924	0.6728	0.6722	0.7132	Ave		0.7165				8.0		15.0			
Bromoform	0.2472 0.3402	0.2575	0.2586	0.2622	0.2885	Ave		0.2757			0.1000	12.5		15.0			
Styrene	1.2573 1.4615	1.1790	1.2004	1.1825	1.2602	Ave		1.2568				8.5		15.0			
Butyl acrylate	0.3327 0.4134	0.3285	0.3462	0.3341	0.3586	Ave		0.3522				9.1		15.0			
Isopropylbenzene	1.8146 2.1578	1.8067	1.7725	1.7744	1.8884	Ave		1.8691				7.9		15.0			
Monobromobenzene	0.8468 1.0460	0.8607	0.8629	0.8549	0.9070	Ave		0.8964				8.5		15.0			
N-Propylbenzene	4.1595 4.8674	4.0510	3.9500	3.9854	4.2532	Ave		4.2111				8.1		15.0			
1,1,2,2-Tetrachloroethane	0.9207 1.0652	0.8415	0.8864	0.8663	0.9255	Ave		0.9176			0.3000	8.6		15.0			
2-Chlorotoluene	2.9828 3.3655	2.8452	2.7547	2.7383	2.9290	Ave		2.9359				7.9		15.0			
1,2,3-Trichloropropane	0.3323 0.3178	0.2742	0.2613	0.2540	0.2740	Ave		0.2856				11.1		15.0			
1,3,5-Trimethylbenzene	3.0044 3.5014	2.9200	2.8547	2.8629	3.0497	Ave		3.0322				8.0		15.0			
trans-1,4-Dichloro-2-butene	0.3231 0.3263	0.2943	0.2865	0.2745	0.2861	Ave		0.2985				7.1		15.0			
4-Chlorotoluene	2.6297 3.1670	2.6096	2.5959	2.5801	2.7358	Ave		2.7197				8.3		15.0			
tert-Butylbenzene	2.5466 2.9250	2.4787	2.3971	2.4249	2.5699	Ave		2.5570				7.5		15.0			
Butyl Methacrylate	1.2296 1.3759	1.1569	1.1721	1.1333	1.2016	Ave		1.2116				7.2		15.0			
1,2,4-Trimethylbenzene	3.0580 3.6128	3.0419	2.9871	2.9744	3.1453	Ave		3.1366				7.7		15.0			
sec-Butylbenzene	3.6936 4.2403	3.6158	3.5171	3.5576	3.7550	Ave		3.7299				7.1		15.0			
1,3-Dichlorobenzene	1.7239 1.9826	1.6919	1.6425	1.6571	1.7317	Ave		1.7383				7.2		15.0			
p-Isopropyltoluene	3.1917 3.7254	3.1463	3.0471	3.0837	3.2954	Ave		3.2483				7.7		15.0			
1,4-Dichlorobenzene	1.7827 2.0146	1.7292	1.7106	1.6955	1.7622	Ave		1.7825				6.6		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Indan	1.4470 1.4009	1.3353	1.2741	1.2345	1.2629	Ave		1.3258				6.3		15.0			
Benzyl chloride	2.8829 3.0519	2.7555	2.8143	2.6581	2.7634	Ave		2.8210				4.8		15.0			
n-Butylbenzene	2.9266 3.2501	2.9350	2.8520	2.8747	2.9954	Ave		2.9723				4.9		15.0			
1,2-Dichlorobenzene	1.6530 1.9175	1.6640	1.6388	1.6210	1.6901	Ave		1.6974				6.5		15.0			
1,2-Dibromo-3-Chloropropane	0.2128 0.2173	0.1749	0.1821	0.1759	0.1919	Ave		0.1925				9.6		15.0			
1,2,4-Trichlorobenzene	1.1944 1.3890	1.1806	1.1897	1.2002	1.2287	Ave		1.2304				6.4		15.0			
Hexachlorobutadiene	0.4662 0.4805	0.4376	0.4153	0.4230	0.4338	Ave		0.4427				5.7		15.0			
Naphthalene	3.3334 3.7023	3.1595	3.2324	3.1882	3.2535	Ave		3.3115				6.1		15.0			
1,2,3-Trichlorobenzene	1.1234 1.2449	1.0758	1.1012	1.0871	1.1024	Ave		1.1225				5.5		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1600 0.1896	0.1620	0.1556	0.1573	0.1563	Ave		0.1635				8.0		15.0			
Toluene-d8 (Surr)	0.7764 0.8984	0.7854	0.7848	0.7821	0.7745	Ave		0.8003				6.0		15.0			
Bromofluorobenzene	0.7300 0.8900	0.7375	0.7305	0.7300	0.7556	Ave		0.7623				8.3		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-127499/2	p61357.d
Level 2	IC 460-127499/3	p61358.d
Level 3	ICIS 460-127499/4	p61359.d
Level 4	IC 460-127499/5	p61360.d
Level 5	IC 460-127499/6	p61361.d
Level 6	IC 460-127499/7	p61362.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4304 1638251	20235	63767	158246	662554	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5552 2274371	23953	83541	210494	885227	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	5381 2181710	24726	84959	212143	891152	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	2054 1064313	7447	28328	73533	381269	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1812 999458	11009	37504	95456	391337	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1910 677402	8381	28993	75605	311248	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	5631 2558736	28312	104769	263186	1094678	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7615 3281638	34643	136315	332069	1396431	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	6478 2589077	29774	107732	271789	1098177	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	4118 1634516	17979	66308	164204	675459	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	20624 +++++	42348	63395	91752	127324	1000 +++++	2000	3000	4000	5000
1,1-Dichloroethene	FB	Ave	2513 1479073	15217	54162	139977	604518	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	13063 5935109	60590	240634	598621	2503844	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	4074 1678184	18241	67184	172490	723162	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	12187 5072139	56711	206046	520036	2137092	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	3440 316962	15764	30892	73450	160222	4.00 400	20.0	40.0	100	200

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	LinF	5408 1915522	19585	73281	183009	762729	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	2531 191270	6313	7889	18275	74820	5.00 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3958 1917200	18583	70777	182082	760361	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	LinF	1576 477128	5174	19075	44646	191980	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	1039 441233	4743	16665	45096	191729	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	13153 6232158	62503	243027	604349	2536148	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	8640 5048200	44637	197174	465208	1985298	20.0 10000	100	400	1000	4000
Acetonitrile	FB	LinF	3133 1006792	10946	38079	100295	398988	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	15866 6615092	68831	269342	656276	2731087	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7093 3535390	33819	131822	331810	1404676	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3621 347201	16559	31620	76777	169319	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	13583 6221469	62926	249155	608168	2560166	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	18989 8052035	76054	345997	898512	3638678	2.00 1000	10.0	40.0	100	400
cis-1,2-Dichloroethene	FB	Ave	4332 2049730	19162	76002	190799	810440	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	5781 2740970	28092	107437	268262	1117516	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	7303 3118656	34558	122271	318966	1336712	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	2084 957475	9941	37041	92317	388012	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	6148 3226743	31001	119961	299826	1276454	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4877 2365426	22351	86738	225389	956874	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	829 525879	5321	18768	48584	208149	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	2248 1097905	10767	42774	104127	443650	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,1-Trichloroethane	FB	Ave	5681 2763583	27452	103984	263392	1114980	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5496 2758844	26494	102392	262725	1122301	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	3133 356162	8175	13508	32320	142889	5.00 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	2796 1102040	12979	43220	116300	487814	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	15294 7864414	75316	296619	741654	3154626	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	12226 6010618	59455	234506	570061	2418476	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4908 2480505	23983	94203	238017	986604	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	FB	Ave	196094 1382186	417072	632896	848747	1114434	1000 6000	2000	3000	4000	5000
2,4,4-Trimethyl-1-pentene	FB	Ave	2921 1162607	12769	43242	116489	501375	2.00 1000	10.0	40.0	100	400
Isopropyl acetate	FB	Ave	16324 8470698	75629	321029	797055	3439698	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	7204 3035585	33783	113372	305668	1299757	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	4051 2000124	18885	72101	182154	786384	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	65422 455505	136695	204544	278881	361509	500 3000	1000	1500	2000	2500
Dibromomethane	FB	Ave	2519 1190411	11694	44052	113834	480758	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3984 2064561	18753	76255	190381	815412	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	6087 2954624	28941	112057	275815	1172165	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	5065 2617009	24284	94403	239639	1030639	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1398 637539	6317	24867	60278	250872	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3131 20868	5412	8560	12240	15149	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	7032 3346171	31024	126651	312342	1325048	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	2491 1366816	11823	49702	122950	524525	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	CBZ	Ave	6369 3488268	31490	128058	318846	1365374	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	17364 8729910	83535	326727	820130	3472684	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	8528 4740889	44652	185475	441715	1872406	20.0 10000	100	400	1000	4000
Tetrachloroethene	CBZ	Ave	4205 2038834	19815	74597	190090	811342	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	23991 2365093	63198	89795	216564	934877	5.00 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	5749 3294717	30002	119578	298304	1282775	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3214 1587726	14312	56508	142569	620886	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	6536 3147523	30377	119558	288052	1232367	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	3802 2166507	18445	75255	189696	835738	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	6546 3305476	30179	119735	300694	1289445	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	3779 1967630	18154	69772	181226	772446	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	2895 1393072	12386	50933	124495	542665	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	16292 1723620	45730	68021	155365	674708	5.00 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	11395 5841397	54666	213399	534924	2289169	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	6482 3186957	29388	112960	287124	1245355	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	3802 2125831	18905	73871	187373	824191	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	15094 7925029	72770	279833	706819	3081848	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	7366 3860202	35479	136976	345584	1501146	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	2523 1588757	13192	52658	134812	607320	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	12832 6824736	60410	244416	607914	2652641	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	Ave	3395 1930408	16829	70484	171744	754702	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	CBZ	Ave	18519 10076788	92569	360885	912160	3974910	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	4628 2557570	23414	93630	234623	1011546	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	22733 11901310	110205	428576	1093713	4743277	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5032 2604587	22891	96172	237745	1032096	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	16302 8228914	77402	298892	751472	3266547	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	1816 776985	7459	28350	69711	305616	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	16420 8561349	79435	309732	785673	3401166	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	1766 797931	8006	31084	75320	319037	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	14372 7743748	70992	281662	708056	3051090	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	13918 7151839	67432	260088	665467	2866070	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	6720 3364276	31473	127179	311024	1340079	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	16713 8833777	82752	324099	816272	3507698	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	20187 10367915	98366	381607	976321	4187661	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	9422 4847615	46026	178217	454748	1931291	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	17444 9109134	85592	330612	846253	3675153	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	9743 4925917	47041	185606	465302	1965258	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	18873 8488499	88302	341221	826423	3486683	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	15756 7462212	74960	305353	729458	3081823	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	15995 7946897	79843	309444	788900	3340614	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	9034 4688402	45267	177814	444848	1884858	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1163 531347	4757	19760	48273	214017	1.00 500	5.00	20.0	50.0	200

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

Lab Name: TestAmerica Edison Job No.: 460-44969-1 Analy Batch No.: 127499

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/11/2012 21:33 Calibration End Date: 09/11/2012 23:34 Calibration ID: 17430

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Ave	6528 3396138	32116	129081	329382	1370317	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	2548 1174860	11905	45063	116083	483839	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	18218 9052479	85953	350722	874921	3628402	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	6140 3043826	29266	119478	298340	1229481	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	104341 114910	107144	104198	105329	107885	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	396172 419546	402438	399492	402039	407548	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	199493 217623	200625	198151	200329	210669	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61357.d
Report Date: 13-Sep-2012 14:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61357.d
Lab Smp Id: IC-VMCAL1
Inj Date : 11-SEP-2012 21:33
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL1
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/8260_09.m
Meth Date : 13-Sep-2012 14:48 vibha Quant Type: ISTD
Cal Date : 11-SEP-2012 21:33 Cal File: p61357.d
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2	Dichlorodifluoromethane	85	0.994	0.994	(0.244)	4304	1.00000	1.2
3	Chloromethane	50	1.129	1.129	(0.277)	5552	1.00000	1.2
4	Vinyl Chloride	62	1.153	1.153	(0.283)	5381	1.00000	1.2
6	Bromomethane	94	1.336	1.336	(0.327)	2054	1.00000	1.3
5	Chloroethane	64	1.397	1.397	(0.342)	1812	1.00000	0.93(a)
8	n-Pentane	72	1.476	1.476	(0.362)	1910	2.00000	2.4
7	Trichlorofluoromethane	101	1.476	1.476	(0.362)	5631	1.00000	1.0
183	Dichlorofluoromethane	67	1.519	1.519	(0.372)	7615	1.00000	1.1
10	Isoprene	67	1.653	1.653	(0.405)	6478	1.00000	1.2
11	Ethyl Ether	59	1.671	1.671	(0.410)	4118	1.00000	1.2
15	1,1-Dichloroethene	96	1.781	1.781	(0.437)	2513	1.00000	0.89(a)
9	Ethanol	46	1.769	1.769	(0.434)	20624	1000.00	950(a)
18	Carbon Disulfide	76	1.799	1.799	(0.441)	13063	1.00000	1.1
14	Freon TF	101	1.805	1.805	(0.443)	4074	1.00000	1.1
170	Cyclopentene	67	1.958	1.958	(0.480)	12187	1.00000	1.1
13	Acrolein	56	1.988	1.988	(0.487)	3440	4.00000	4.4

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61357.d
Report Date: 13-Sep-2012 14:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	2255	1.00000	1.1
	22 Methylene Chloride	84	2.141	2.141	(0.525)	5408	1.00000	1.3
	16 Acetone	58	2.177	2.177	(0.534)	2531	5.00000	6.2
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	3958	1.00000	1.1
	27 Methyl Acetate	74	2.250	2.250	(0.552)	1576	1.00000	1.6
	29 Hexane	86	2.293	2.293	(0.562)	1039	1.00000	1.1
	28 MTBE	73	2.317	2.317	(0.568)	13153	1.00000	1.0
	24 TBA	59	2.403	2.403	(0.589)	8640	20.0000	18(a)
	21 Acetonitrile	39	2.476	2.476	(0.607)	3133	20.0000	29
	32 DIPE	45	2.573	2.573	(0.631)	15866	1.00000	1.2
	31 Vinyl Acetate	43	2.836	2.836	(0.695)	18989	2.00000	2.2
	30 1,1-Dichloroethane	63	2.653	2.653	(0.650)	7093	1.00000	1.0
	26 Acrylonitrile	53	2.695	2.695	(0.661)	3621	2.00000	2.2
	35 t-Butyl-ethyl-ether	59	2.836	2.836	(0.695)	13583	1.00000	1.1
	34 n-Propanol	42	2.884	2.884	(0.707)	26340	1000.00	970(a)
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	4332	1.00000	1.1
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	5781	1.00000	1.0
	44 Cyclohexane	56	3.183	3.183	(0.780)	7303	1.00000	1.1
	40 Bromochloromethane	128	3.189	3.189	(0.782)	2084	1.00000	1.1
	42 Chloroform	83	3.244	3.244	(0.795)	6148	1.00000	1.00
	45 Carbon Tetrachloride	117	3.348	3.348	(0.821)	4877	1.00000	1.1
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	829	2.00000	1.7(a)
	41 Tetrahydrofuran	42	3.378	3.378	(0.828)	2248	1.00000	1.0
	43 1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	5681	1.00000	1.0
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	5496	1.00000	1.0
	38 2-Butanone	72	3.506	3.506	(0.860)	3133	5.00000	4.8(a)
	51 n-Heptane	57	3.695	3.695	(0.906)	2796	1.00000	1.2(a)
	48 Benzene	78	3.707	3.707	(0.486)	15294	1.00000	0.99(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.823	3.823	(0.937)	104341	50.0000	49
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	12226	1.00000	1.0
	49 1,2-Dichloroethane	62	3.884	3.884	(0.952)	4908	1.00000	1.0
	181 Isobutyl Alcohol	43	3.951	3.951	(0.969)	196094	1000.00	920
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	652127	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	16324	2.00000	2.0
	169 1,2-Difluorotetrachloroethane	101	3.829	3.829	(0.939)	214	1.00000	
	56 Methyl cyclohexane	83	4.213	4.213	(1.033)	7204	1.00000	1.1
	54 Trichloroethene	95	4.232	4.232	(1.037)	4051	1.00000	1.1
	166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	2921	2.00000	2.4
	53 n-Butanol	56	4.616	4.616	(1.132)	65422	500.000	470(a)
	58 Dibromomethane	93	4.628	4.628	(1.135)	2519	1.00000	1.1
	57 1,2-Dichloropropane	63	4.725	4.725	(1.158)	3984	1.00000	1.0
	55 Ethyl Acrylate	55	4.799	4.799	(1.176)	6087	1.00000	1.0
	68 Bromodichloromethane	83	4.811	4.811	(1.179)	5065	1.00000	1.0
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	1398	1.00000	1.1
	60 1,4-Dioxane	88	5.042	5.042	(1.236)	3131	50.0000	52
	75 Propyl Acetate	43	5.170	5.170	(1.268)	7032	1.00000	0.44(a)
	62 2-Chloroethyl Vinyl Ether	63	5.439	5.439	(1.333)	2491	1.00000	0.99(a)

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61357.d
Report Date: 13-Sep-2012 14:48

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	67 cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	6369	1.00000	0.96(a)
$	65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	396172	50.0000	48
	66 Toluene	91	5.744	5.744	(0.754)	17364	1.00000	1.0
	63 Epichlorohydrin	57	5.774	5.774	(0.758)	8528	20.0000	19
	71 Tetrachloroethene	166	6.189	6.189	(0.812)	4205	1.00000	1.0
	70 4-Methyl-2-Pentanone	43	6.237	6.237	(0.818)	23991	5.00000	5.2
	64 trans-1,3-Dichloropropene	75	6.256	6.256	(0.821)	5749	1.00000	0.93(a)
	69 1,1,2-Trichloroethane	83	6.445	6.445	(0.846)	3214	1.00000	1.0
	175 Ethyl methacrylate	69	6.518	6.518	(1.598)	6536	1.00000	1.1
	74 Dibromochloromethane	129	6.652	6.652	(0.873)	3802	1.00000	0.96(a)
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	6546	1.00000	1.0
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	3779	1.00000	1.0
	76 Butyl Acetate	73	7.243	7.243	(0.950)	2895	2.00000	2.2
	73 2-Hexanone	43	7.322	7.322	(0.961)	16292	5.00000	4.9(a)
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	510285	50.0000	
	79 Chlorobenzene	112	7.639	7.639	(1.002)	11395	1.00000	1.0
	81 Ethylbenzene	106	7.725	7.725	(1.014)	6482	1.00000	1.0
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	3802	1.00000	0.96(a)
	82 m+p-Xylene	106	7.944	7.944	(1.042)	15094	2.00000	2.0
	84 o-Xylene	106	8.548	8.548	(1.122)	7366	1.00000	1.0
	86 Bromoform	173	8.609	8.609	(1.130)	2523	1.00000	0.90(a)
	85 Styrene	104	8.633	8.633	(1.133)	12832	1.00000	1.0
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	3395	1.00000	0.94(a)
	88 Isopropylbenzene	105	9.042	9.042	(1.186)	18519	1.00000	0.97(a)
$	89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	199493	50.0000	48
	91 Bromobenzene	156	9.535	9.535	(0.851)	4628	1.00000	0.94(a)
	95 n-Propylbenzene	91	9.682	9.682	(0.864)	22733	1.00000	0.99(a)
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	5032	1.00000	1.0
	96 2-Chlorotoluene	91	9.871	9.871	(0.881)	16302	1.00000	1.0
	93 1,2,3-Trichloropropane	110	9.980	9.980	(0.891)	1816	1.00000	1.2
	97 1,3,5-Trimethylbenzene	105	10.029	10.029	(0.895)	16420	1.00000	0.99(a)
	94 trans-1,4-Dichloro-2-butene	53	10.090	10.090	(0.900)	1766	1.00000	1.1
	98 4-Chlorotoluene	91	10.133	10.133	(0.904)	14372	1.00000	0.97(a)
	100 tert-Butylbenzene	119	10.511	10.511	(0.938)	13918	1.00000	1.00
	99 Butyl Methacrylate	87	10.621	10.621	(0.948)	6720	1.00000	1.0
	101 1,2,4-Trimethylbenzene	105	10.639	10.639	(0.949)	16713	1.00000	0.97(a)
	103 sec-Butylbenzene	105	10.810	10.810	(0.965)	20187	1.00000	0.99(a)
	105 1,3-Dichlorobenzene	146	11.072	11.072	(0.988)	9422	1.00000	0.99(a)
	107 p-Isopropyltoluene	119	11.084	11.084	(0.989)	17444	1.00000	0.98(a)
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	273268	50.0000	
	109 1,4-Dichlorobenzene	146	11.224	11.224	(1.002)	9743	1.00000	1.0
	171 Indan	117	11.480	11.480	(2.814)	18873	1.00000	1.1
	110 Benzyl Chloride	91	11.620	11.620	(1.037)	15756	1.00000	1.0
	106 n-Butylbenzene	91	11.700	11.700	(1.044)	15995	1.00000	0.98(a)
	111 1,2-Dichlorobenzene	146	11.797	11.797	(1.053)	9034	1.00000	0.97(a)
	112 1,2-Dibromo-3-chloropropane	75	12.748	12.748	(1.138)	1163	1.00000	1.1
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	6528	1.00000	0.97(a)

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61357.d
Report Date: 13-Sep-2012 14:48

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
	115 Hexachlorobutadiene	225	13.431	13.431	(1.199)	2548	1.00000	1.0
	116 Naphthalene	128	13.705	13.705	(1.223)	18218	1.00000	1.0
	117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	6140	1.00000	1.0
M	120 1,2-Dichloroethene (Total)	100				8290	2.00000	2.2
M	121 Xylene (Total)	100				22460	3.00000	3.0

QC Flag Legend

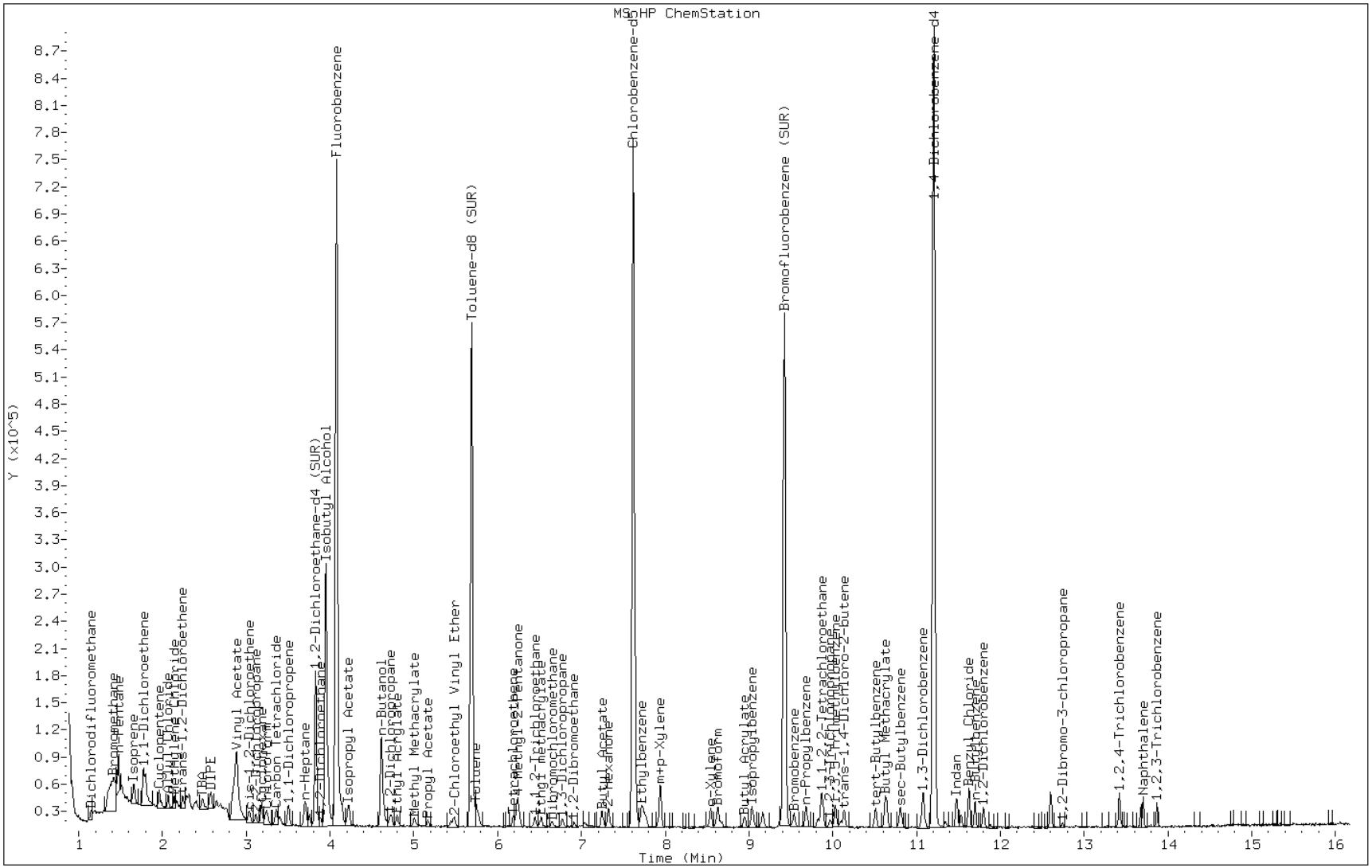
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: p61357.d

Date: 11-SEP-2012 21:33

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL1 Operator:



Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61358.d
Report Date: 13-Sep-2012 14:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61358.d
Lab Smp Id: IC-VMCAL2
Inj Date : 11-SEP-2012 21:57
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL2
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/8260_09.m
Meth Date : 13-Sep-2012 14:48 vibha Quant Type: ISTD
Cal Date : 11-SEP-2012 21:57 Cal File: p61358.d
Als bottle: 7 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	20235	5.00000	5.7
3 Chloromethane	50	1.135	1.135	(0.278)	23953	5.00000	5.1
4 Vinyl Chloride	62	1.153	1.153	(0.283)	24726	5.00000	5.3
6 Bromomethane	94	1.336	1.336	(0.327)	7447	5.00000	4.5
5 Chloroethane	64	1.397	1.397	(0.342)	11009	5.00000	5.6
8 n-Pentane	72	1.470	1.470	(0.360)	8381	10.0000	10
7 Trichlorofluoromethane	101	1.476	1.476	(0.362)	28312	5.00000	5.2
183 Dichlorofluoromethane	67	1.519	1.519	(0.372)	34643	5.00000	5.0
10 Isoprene	67	1.653	1.653	(0.405)	29774	5.00000	5.2
11 Ethyl Ether	59	1.671	1.671	(0.410)	17979	5.00000	5.1
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	15217	5.00000	5.3
9 Ethanol	46	1.775	1.775	(0.435)	42348	2000.00	1900
18 Carbon Disulfide	76	1.799	1.799	(0.441)	60590	5.00000	4.9
14 Freon TF	101	1.805	1.805	(0.443)	18241	5.00000	5.0
170 Cyclopentene	67	1.958	1.958	(0.480)	56711	5.00000	5.2
13 Acrolein	56	1.988	1.988	(0.487)	15764	20.0000	20

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61358.d
Report Date: 13-Sep-2012 14:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.067	2.067	(0.507)	10829	5.00000	5.0
	22 Methylene Chloride	84	2.140	2.140	(0.525)	19585	5.00000	4.8
	16 Acetone	58	2.177	2.177	(0.534)	6313	15.0000	15
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	18583	5.00000	4.9
	27 Methyl Acetate	74	2.256	2.256	(0.553)	5174	5.00000	5.0
	29 Hexane	86	2.293	2.293	(0.562)	4743	5.00000	5.1
	28 MTBE	73	2.317	2.317	(0.568)	62503	5.00000	5.0
	24 TBA	59	2.403	2.403	(0.589)	44637	100.000	94
	21 Acetonitrile	39	2.482	2.482	(0.608)	10946	100.000	100
	32 DIPE	45	2.573	2.573	(0.631)	68831	5.00000	4.9
	31 Vinyl Acetate	43	2.835	2.835	(0.695)	76054	10.0000	8.7
	30 1,1-Dichloroethane	63	2.646	2.646	(0.649)	33819	5.00000	4.9
	26 Acrylonitrile	53	2.689	2.689	(0.659)	16559	10.0000	9.8
	35 t-Butyl-ethyl-ether	59	2.829	2.829	(0.694)	62926	5.00000	4.9
	34 n-Propanol	42	2.884	2.884	(0.707)	43986	2000.00	1600(H)
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	19162	5.00000	4.8
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	28092	5.00000	5.0
	44 Cyclohexane	56	3.183	3.183	(0.780)	34558	5.00000	5.2
	40 Bromochloromethane	128	3.189	3.189	(0.782)	9941	5.00000	5.1
	42 Chloroform	83	3.250	3.250	(0.797)	31001	5.00000	5.0
	45 Carbon Tetrachloride	117	3.348	3.348	(0.821)	22351	5.00000	4.8
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	5321	10.0000	11
	41 Tetrahydrofuran	42	3.372	3.372	(0.827)	10767	5.00000	4.9
	43 1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	27452	5.00000	5.0
	46 1,1-Dichloropropene	75	3.500	3.500	(0.858)	26494	5.00000	4.9
	38 2-Butanone	72	3.506	3.506	(0.860)	8175	15.0000	12
	51 n-Heptane	57	3.695	3.695	(0.906)	12979	5.00000	5.3
	48 Benzene	78	3.707	3.707	(0.486)	75316	5.00000	4.9
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	107144	50.0000	50
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	59455	5.00000	5.0
	49 1,2-Dichloroethane	62	3.884	3.884	(0.952)	23983	5.00000	4.9
	181 Isobutyl Alcohol	43	3.951	3.951	(0.969)	417072	2000.00	1900
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	661283	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	75629	10.0000	9.2
	169 1,2-Difluorotetrachloroethane	101	3.835	3.835	(0.940)	156	5.00000	
	56 Methyl cyclohexane	83	4.213	4.213	(1.033)	33783	5.00000	5.2
	54 Trichloroethene	95	4.232	4.232	(1.037)	18885	5.00000	4.9
	166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	12769	10.0000	10
	53 n-Butanol	56	4.616	4.616	(1.131)	136695	1000.00	970
	58 Dibromomethane	93	4.628	4.628	(1.135)	11694	5.00000	4.9
	57 1,2-Dichloropropane	63	4.731	4.731	(1.160)	18753	5.00000	4.7
	55 Ethyl Acrylate	55	4.798	4.798	(1.176)	28941	5.00000	5.0
	68 Bromodichloromethane	83	4.805	4.805	(1.178)	24284	5.00000	4.8
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	6317	5.00000	4.9
	60 1,4-Dioxane	88	5.030	5.030	(1.233)	5412	100.000	88
	75 Propyl Acetate	43	5.170	5.170	(1.268)	31024	5.00000	1.9
	62 2-Chloroethyl Vinyl Ether	63	5.445	5.445	(1.335)	11823	5.00000	4.6

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61358.d
Report Date: 13-Sep-2012 14:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	67 cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	31490	5.00000	4.7
$	65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	402438	50.0000	49
	66 Toluene	91	5.743	5.743	(0.754)	83535	5.00000	4.9
	63 Epichlorohydrin	57	5.774	5.774	(0.758)	44652	100.000	97
	71 Tetrachloroethene	166	6.188	6.188	(0.812)	19815	5.00000	4.9
	70 4-Methyl-2-Pentanone	43	6.237	6.237	(0.818)	63198	15.0000	14
	64 trans-1,3-Dichloropropene	75	6.256	6.256	(0.821)	30002	5.00000	4.8
	69 1,1,2-Trichloroethane	83	6.444	6.444	(0.846)	14312	5.00000	4.7
	175 Ethyl methacrylate	69	6.518	6.518	(1.598)	30377	5.00000	4.9
	74 Dibromochloromethane	129	6.652	6.652	(0.873)	18445	5.00000	4.6
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	30179	5.00000	4.7
	77 1,2-Dibromoethane	107	6.908	6.908	(0.906)	18154	5.00000	4.8
	76 Butyl Acetate	73	7.249	7.249	(0.951)	12386	10.0000	9.2
	73 2-Hexanone	43	7.322	7.322	(0.961)	45730	15.0000	14
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	512374	50.0000	
	79 Chlorobenzene	112	7.639	7.639	(1.002)	54666	5.00000	4.8
	81 Ethylbenzene	106	7.725	7.725	(1.014)	29388	5.00000	4.8
	80 1,1,1,2-Tetrachloroethane	131	7.749	7.749	(1.017)	18905	5.00000	4.8
	82 m+p-Xylene	106	7.944	7.944	(1.042)	72770	10.0000	9.7
	84 o-Xylene	106	8.548	8.548	(1.122)	35479	5.00000	4.8
	86 Bromoform	173	8.615	8.615	(1.130)	13192	5.00000	4.7
	85 Styrene	104	8.633	8.633	(1.133)	60410	5.00000	4.7
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	16829	5.00000	4.7
	88 Isopropylbenzene	105	9.042	9.042	(1.186)	92569	5.00000	4.8
$	89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	200625	50.0000	48
	91 Bromobenzene	156	9.535	9.535	(0.851)	23414	5.00000	4.8
	95 n-Propylbenzene	91	9.682	9.682	(0.864)	110205	5.00000	4.8
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	22891	5.00000	4.6
	96 2-Chlorotoluene	91	9.865	9.865	(0.880)	77402	5.00000	4.8
	93 1,2,3-Trichloropropane	110	9.968	9.968	(0.890)	7459	5.00000	4.8
	97 1,3,5-Trimethylbenzene	105	10.035	10.035	(0.896)	79435	5.00000	4.8
	94 trans-1,4-Dichloro-2-butene	53	10.090	10.090	(0.900)	8006	5.00000	4.9
	98 4-Chlorotoluene	91	10.139	10.139	(0.905)	70992	5.00000	4.8
	100 tert-Butylbenzene	119	10.517	10.517	(0.939)	67432	5.00000	4.8
	99 Butyl Methacrylate	87	10.627	10.627	(0.948)	31473	5.00000	4.8
	101 1,2,4-Trimethylbenzene	105	10.639	10.639	(0.949)	82752	5.00000	4.8
	103 sec-Butylbenzene	105	10.809	10.809	(0.965)	98366	5.00000	4.8
	105 1,3-Dichlorobenzene	146	11.078	11.078	(0.989)	46026	5.00000	4.9
	107 p-Isopropyltoluene	119	11.084	11.084	(0.989)	85592	5.00000	4.8
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	272042	50.0000	
	109 1,4-Dichlorobenzene	146	11.224	11.224	(1.002)	47041	5.00000	4.8
	171 Indan	117	11.480	11.480	(2.814)	88302	5.00000	5.0
	110 Benzyl Chloride	91	11.620	11.620	(1.037)	74960	5.00000	4.9
	106 n-Butylbenzene	91	11.700	11.700	(1.044)	79843	5.00000	4.9
	111 1,2-Dichlorobenzene	146	11.797	11.797	(1.053)	45267	5.00000	4.9
	112 1,2-Dibromo-3-chloropropane	75	12.742	12.742	(1.137)	4757	5.00000	4.5
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	32116	5.00000	4.8

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61358.d
Report Date: 13-Sep-2012 14:48

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
115 Hexachlorobutadiene	225	13.425	13.425	(1.198)	11905	5.00000	4.9
116 Naphthalene	128	13.705	13.705	(1.223)	85953	5.00000	4.8
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	29266	5.00000	4.8
M 120 1,2-Dichloroethene (Total)	100				37745	10.0000	9.7
M 121 Xylene (Total)	100				108249	15.0000	14

QC Flag Legend

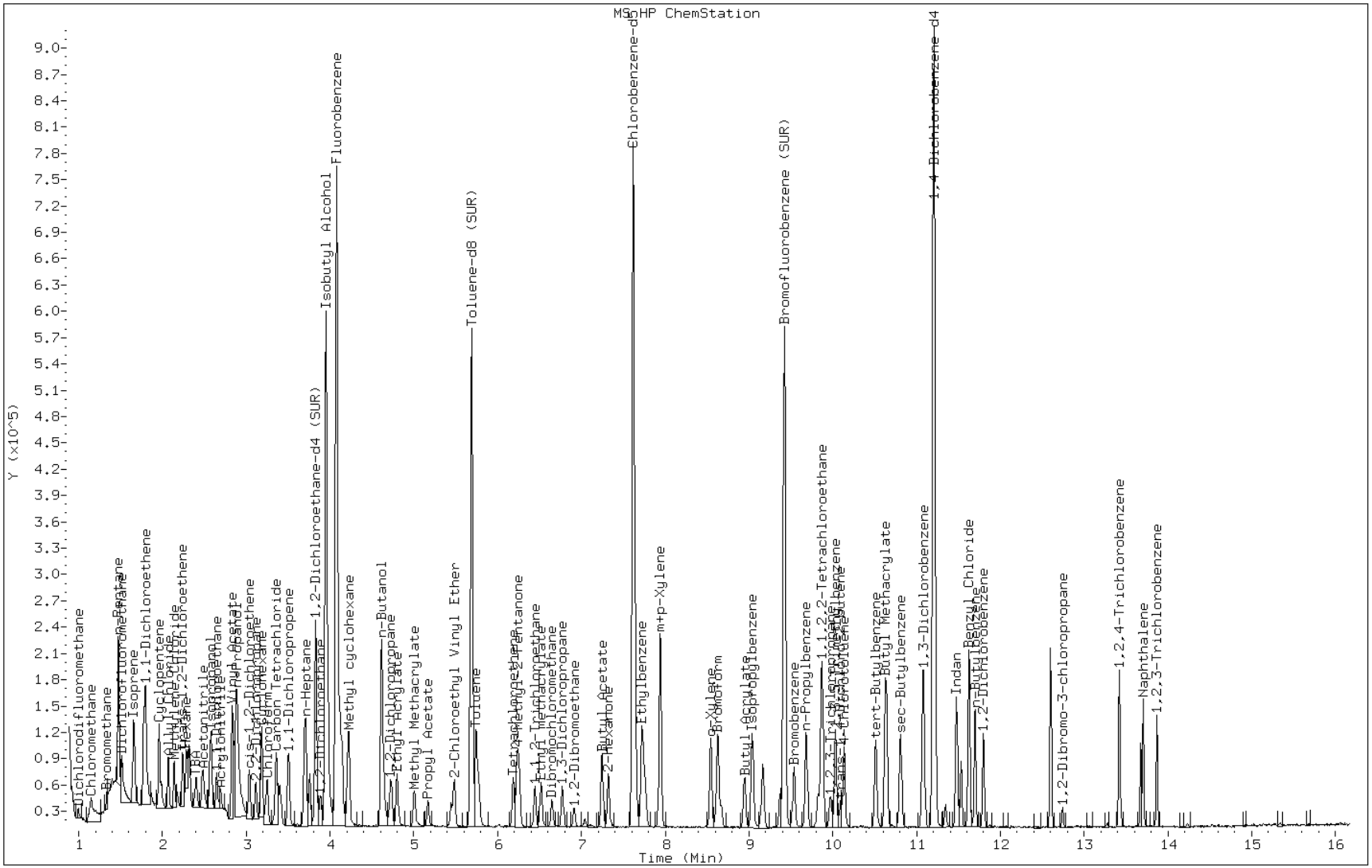
H - Operator selected an alternate compound hit.

Data File: p61358.d

Date: 11-SEP-2012 21:57

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL2 Operator:



Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61359.d
Report Date: 13-Sep-2012 14:48

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61359.d
Lab Smp Id: ICIS-VMCAL3
Inj Date : 11-SEP-2012 22:21
Operator : Inst ID: VOAMS13.i
Smp Info : ICIS-VMCAL3
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/8260_09.m
Meth Date : 13-Sep-2012 14:48 vibha Quant Type: ISTD
Cal Date : 11-SEP-2012 22:21 Cal File: p61359.d
Als bottle: 8 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	63767	20.0000	18
3 Chloromethane	50	1.134	1.134	(0.278)	83541	20.0000	18
4 Vinyl Chloride	62	1.153	1.153	(0.283)	84959	20.0000	18
6 Bromomethane	94	1.336	1.336	(0.327)	28328	20.0000	17
5 Chloroethane	64	1.403	1.403	(0.344)	37504	20.0000	19
8 n-Pentane	72	1.476	1.476	(0.362)	28993	40.0000	36
7 Trichlorofluoromethane	101	1.476	1.476	(0.362)	104769	20.0000	19
183 Dichlorofluoromethane	67	1.518	1.518	(0.372)	136315	20.0000	19
10 Isoprene	67	1.653	1.653	(0.405)	107732	20.0000	19
11 Ethyl Ether	59	1.671	1.671	(0.410)	66308	20.0000	19
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	54162	20.0000	19
9 Ethanol	46	1.774	1.774	(0.435)	63395	3000.00	2800
18 Carbon Disulfide	76	1.799	1.799	(0.441)	240634	20.0000	19
14 Freon TF	101	1.805	1.805	(0.442)	67184	20.0000	18
170 Cyclopentene	67	1.957	1.957	(0.480)	206046	20.0000	19
13 Acrolein	56	1.988	1.988	(0.487)	30892	40.0000	38

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61359.d
Report Date: 13-Sep-2012 14:48

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	42414	20.0000	19(H)
	22 Methylene Chloride	84	2.140	2.140	(0.525)	73281	20.0000	18
	16 Acetone	58	2.183	2.183	(0.535)	7889	20.0000	19
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	70777	20.0000	18
	27 Methyl Acetate	74	2.256	2.256	(0.553)	19075	20.0000	18
	29 Hexane	86	2.287	2.287	(0.561)	16665	20.0000	18
	28 MTBE	73	2.317	2.317	(0.568)	243027	20.0000	19
	24 TBA	59	2.402	2.402	(0.589)	197174	400.000	410
	21 Acetonitrile	39	2.482	2.482	(0.608)	38079	400.000	350
	32 DIPE	45	2.573	2.573	(0.631)	269342	20.0000	19
	31 Vinyl Acetate	43	2.835	2.835	(0.695)	345997	40.0000	39
	30 1,1-Dichloroethane	63	2.646	2.646	(0.649)	131822	20.0000	19
	26 Acrylonitrile	53	2.689	2.689	(0.659)	31620	20.0000	18
	35 t-Butyl-ethyl-ether	59	2.835	2.835	(0.695)	249155	20.0000	19
	34 n-Propanol	42	2.890	2.890	(0.709)	82806	3000.00	3000
	36 cis-1,2-Dichloroethene	96	3.036	3.036	(0.744)	76002	20.0000	19
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	107437	20.0000	19
	44 Cyclohexane	56	3.183	3.183	(0.780)	122271	20.0000	18
	40 Bromochloromethane	128	3.189	3.189	(0.782)	37041	20.0000	19
	42 Chloroform	83	3.250	3.250	(0.797)	119961	20.0000	19
	45 Carbon Tetrachloride	117	3.347	3.347	(0.821)	86738	20.0000	18
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	18768	40.0000	37(H)
	41 Tetrahydrofuran	42	3.372	3.372	(0.827)	42774	20.0000	19
	43 1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	103984	20.0000	19
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	102392	20.0000	19
	38 2-Butanone	72	3.506	3.506	(0.860)	13508	20.0000	20
	51 n-Heptane	57	3.695	3.695	(0.906)	43220	20.0000	18
	48 Benzene	78	3.707	3.707	(0.486)	296619	20.0000	19
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	104198	50.0000	48
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	234506	20.0000	19
	49 1,2-Dichloroethane	62	3.884	3.884	(0.952)	94203	20.0000	19
	181 Isobutyl Alcohol	43	3.951	3.951	(0.969)	632896	3000.00	2900
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	669549	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	321029	40.0000	39
	169 1,2-Difluorotetrachloroethane	101	3.847	3.847	(0.943)	489	20.0000	
	56 Methyl cyclohexane	83	4.213	4.213	(1.033)	113372	20.0000	17
	54 Trichloroethene	95	4.231	4.231	(1.037)	72101	20.0000	18
	166 2,4,4-Trimethyl-1-pentene	112	4.115	4.115	(1.009)	43242	40.0000	34
	53 n-Butanol	56	4.615	4.615	(1.132)	204544	1500.00	1400
	58 Dibromomethane	93	4.628	4.628	(1.135)	44052	20.0000	18(H)
	57 1,2-Dichloropropane	63	4.731	4.731	(1.160)	76255	20.0000	19
	55 Ethyl Acrylate	55	4.798	4.798	(1.176)	112057	20.0000	19(H)
	68 Bromodichloromethane	83	4.804	4.804	(1.178)	94403	20.0000	19
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	24867	20.0000	19
	60 1,4-Dioxane	88	5.030	5.030	(1.233)	8560	150.000	140
	75 Propyl Acetate	43	5.164	5.164	(1.266)	126651	20.0000	7.8
	62 2-Chloroethyl Vinyl Ether	63	5.445	5.445	(1.335)	49702	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61359.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	67 cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	128058	20.0000	19
$	65 Toluene-d8 (SUR)	98	5.688	5.688	(0.746)	399492	50.0000	49
	66 Toluene	91	5.743	5.743	(0.754)	326727	20.0000	19
	63 Epichlorohydrin	57	5.774	5.774	(0.758)	185475	400.000	410
	71 Tetrachloroethene	166	6.188	6.188	(0.812)	74597	20.0000	19
	70 4-Methyl-2-Pentanone	43	6.231	6.231	(0.818)	89795	20.0000	20(H)
	64 trans-1,3-Dichloropropene	75	6.261	6.261	(0.822)	119578	20.0000	19
	69 1,1,2-Trichloroethane	83	6.444	6.444	(0.846)	56508	20.0000	19(H)
	175 Ethyl methacrylate	69	6.517	6.517	(1.598)	119558	20.0000	19
	74 Dibromochloromethane	129	6.646	6.646	(0.872)	75255	20.0000	19
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	119735	20.0000	19
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	69772	20.0000	19
	76 Butyl Acetate	73	7.243	7.243	(0.950)	50933	40.0000	38
	73 2-Hexanone	43	7.322	7.322	(0.961)	68021	20.0000	21(H)
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	509010	50.0000	
	79 Chlorobenzene	112	7.639	7.639	(1.002)	213399	20.0000	19
	81 Ethylbenzene	106	7.725	7.725	(1.014)	112960	20.0000	18
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	73871	20.0000	19
	82 m+p-Xylene	106	7.938	7.938	(1.042)	279833	40.0000	37
	84 o-Xylene	106	8.548	8.548	(1.122)	136976	20.0000	19
	86 Bromoform	173	8.609	8.609	(1.130)	52658	20.0000	19
	85 Styrene	104	8.633	8.633	(1.133)	244416	20.0000	19
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	70484	20.0000	20
	88 Isopropylbenzene	105	9.041	9.041	(1.186)	360885	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.425	9.425	(0.841)	198151	50.0000	48
	91 Bromobenzene	156	9.541	9.541	(0.851)	93630	20.0000	19
	95 n-Propylbenzene	91	9.681	9.681	(0.864)	428576	20.0000	19(H)
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	96172	20.0000	19(H)
	96 2-Chlorotoluene	91	9.864	9.864	(0.880)	298892	20.0000	19(H)
	93 1,2,3-Trichloropropane	110	9.974	9.974	(0.890)	28350	20.0000	18
	97 1,3,5-Trimethylbenzene	105	10.035	10.035	(0.896)	309732	20.0000	19(H)
	94 trans-1,4-Dichloro-2-butene	53	10.096	10.096	(0.901)	31084	20.0000	19(H)
	98 4-Chlorotoluene	91	10.139	10.139	(0.905)	281662	20.0000	19
	100 tert-Butylbenzene	119	10.517	10.517	(0.939)	260088	20.0000	19
	99 Butyl Methacrylate	87	10.626	10.626	(0.948)	127179	20.0000	19
	101 1,2,4-Trimethylbenzene	105	10.639	10.639	(0.949)	324099	20.0000	19(H)
	103 sec-Butylbenzene	105	10.809	10.809	(0.965)	381607	20.0000	19(H)
	105 1,3-Dichlorobenzene	146	11.078	11.078	(0.989)	178217	20.0000	19
	107 p-Isopropyltoluene	119	11.084	11.084	(0.989)	330612	20.0000	19
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	271252	50.0000	
	109 1,4-Dichlorobenzene	146	11.224	11.224	(1.002)	185606	20.0000	19
	171 Indan	117	11.480	11.480	(2.814)	341221	20.0000	19
	110 Benzyl Chloride	91	11.620	11.620	(1.037)	305353	20.0000	20
	106 n-Butylbenzene	91	11.699	11.699	(1.044)	309444	20.0000	19
	111 1,2-Dichlorobenzene	146	11.797	11.797	(1.053)	177814	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	12.742	12.742	(1.137)	19760	20.0000	19
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	129081	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61359.d
Report Date: 13-Sep-2012 14:48

						AMOUNTS	
	QUANT SIG					CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
115 Hexachlorobutadiene	225	13.431	13.431	(1.199)	45063	20.0000	19
116 Naphthalene	128	13.705	13.705	(1.223)	350722	20.0000	20
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	119478	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				146779	40.0000	37
M 121 Xylene (Total)	100				416809	60.0000	56

QC Flag Legend

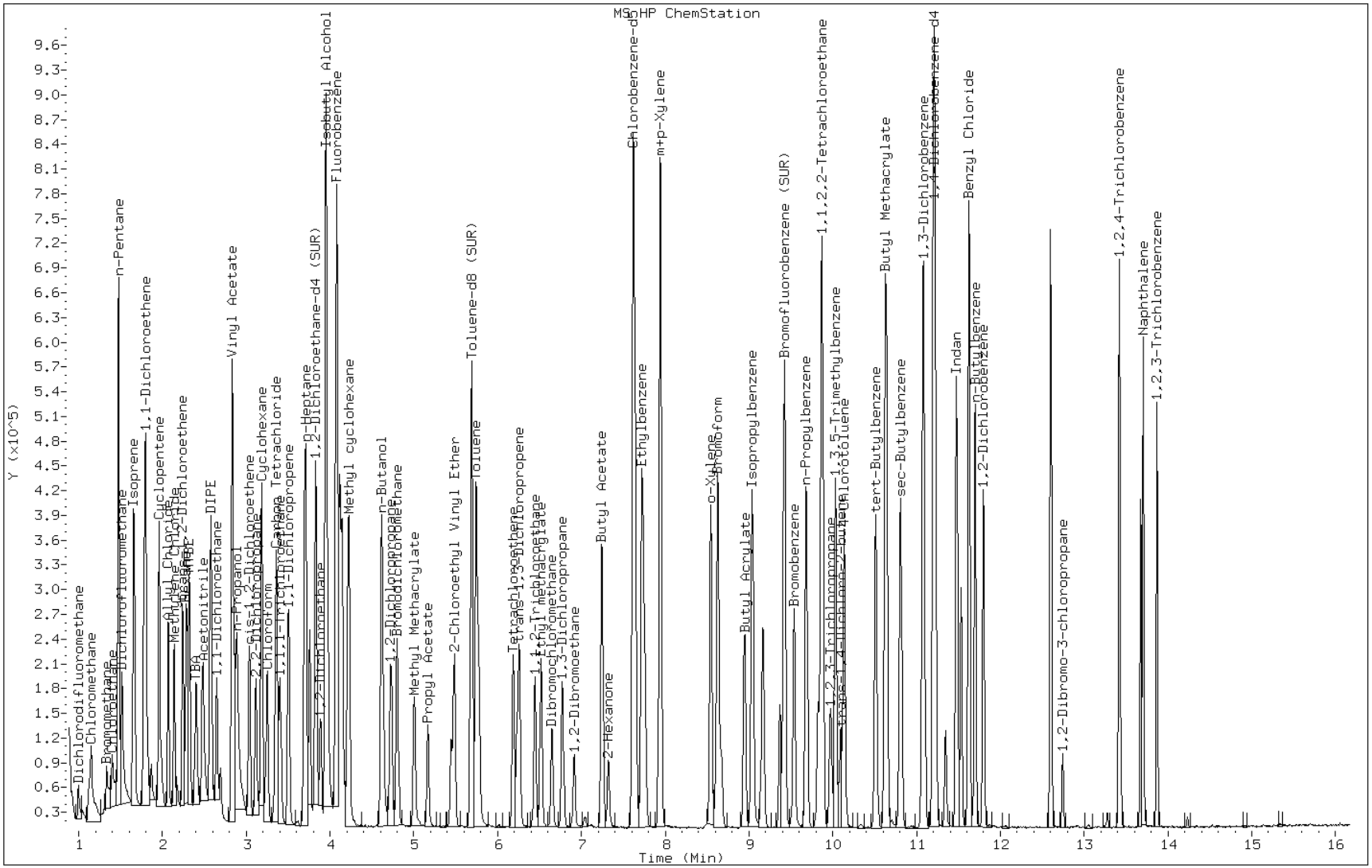
H - Operator selected an alternate compound hit.

Data File: p61359.d

Date: 11-SEP-2012 22:21

Client ID: Instrument: VOAMS13.i

Sample Info: ICIS-VMCAL3 Operator:



Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61360.d
Report Date: 13-Sep-2012 14:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61360.d
Lab Smp Id: IC-VMCAL4
Inj Date : 11-SEP-2012 22:45
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL4
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/8260_09.m
Meth Date : 13-Sep-2012 14:49 vibha Quant Type: ISTD
Cal Date : 11-SEP-2012 22:45 Cal File: p61360.d
Als bottle: 9 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	158246	50.0000	44
3 Chloromethane	50	1.135	1.135	(0.278)	210494	50.0000	45
4 Vinyl Chloride	62	1.153	1.153	(0.283)	212143	50.0000	45
6 Bromomethane	94	1.336	1.336	(0.327)	73533	50.0000	43
5 Chloroethane	64	1.403	1.403	(0.344)	95456	50.0000	48
8 n-Pentane	72	1.476	1.476	(0.362)	75605	100.000	94
7 Trichlorofluoromethane	101	1.482	1.482	(0.363)	263186	50.0000	48
183 Dichlorofluoromethane	67	1.519	1.519	(0.372)	332069	50.0000	47
10 Isoprene	67	1.653	1.653	(0.405)	271789	50.0000	47
11 Ethyl Ether	59	1.671	1.671	(0.410)	164204	50.0000	46
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	139977	50.0000	48
9 Ethanol	46	1.775	1.775	(0.435)	91752	4000.00	4100
18 Carbon Disulfide	76	1.799	1.799	(0.441)	598621	50.0000	48
14 Freon TF	101	1.805	1.805	(0.443)	172490	50.0000	47
170 Cyclopentene	67	1.958	1.958	(0.480)	520036	50.0000	47
13 Acrolein	56	1.988	1.988	(0.487)	73450	100.000	91

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61360.d
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	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	104974	50.0000	48
	22 Methylene Chloride	84	2.140	2.140	(0.525)	183009	50.0000	44
	16 Acetone	58	2.177	2.177	(0.534)	18275	50.0000	44
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	182082	50.0000	48
	27 Methyl Acetate	74	2.256	2.256	(0.553)	44646	50.0000	43
	29 Hexane	86	2.293	2.293	(0.562)	45096	50.0000	48
	28 MTBE	73	2.317	2.317	(0.568)	604349	50.0000	47
	24 TBA	59	2.396	2.396	(0.588)	465208	1000.00	960
	21 Acetonitrile	39	2.482	2.482	(0.608)	100295	1000.00	920
	32 DIPE	45	2.573	2.573	(0.631)	656276	50.0000	46
	31 Vinyl Acetate	43	2.835	2.835	(0.695)	898512	100.000	100
	30 1,1-Dichloroethane	63	2.646	2.646	(0.649)	331810	50.0000	47
	26 Acrylonitrile	53	2.689	2.689	(0.659)	76777	50.0000	45
	35 t-Butyl-ethyl-ether	59	2.829	2.829	(0.694)	608168	50.0000	47
	34 n-Propanol	42	2.890	2.890	(0.709)	110334	4000.00	4000
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	190799	50.0000	47
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	268262	50.0000	48
	44 Cyclohexane	56	3.183	3.183	(0.780)	318966	50.0000	47
	40 Bromochloromethane	128	3.189	3.189	(0.782)	92317	50.0000	47
	42 Chloroform	83	3.250	3.250	(0.797)	299826	50.0000	47
	45 Carbon Tetrachloride	117	3.347	3.347	(0.821)	225389	50.0000	48
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	48584	100.000	97
	41 Tetrahydrofuran	42	3.372	3.372	(0.827)	104127	50.0000	47
	43 1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	263392	50.0000	47
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	262725	50.0000	48
	38 2-Butanone	72	3.506	3.506	(0.860)	32320	50.0000	48
	51 n-Heptane	57	3.695	3.695	(0.906)	116300	50.0000	47
	48 Benzene	78	3.707	3.707	(0.486)	741654	50.0000	48
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	105329	50.0000	48
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	570061	50.0000	47
	49 1,2-Dichloroethane	62	3.884	3.884	(0.952)	238017	50.0000	48
	181 Isobutyl Alcohol	43	3.951	3.951	(0.969)	848747	4000.00	3900
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	669466	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	797055	100.000	96
	56 Methyl cyclohexane	83	4.213	4.213	(1.033)	305668	50.0000	47
	54 Trichloroethene	95	4.231	4.231	(1.037)	182154	50.0000	46
	166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	116489	100.000	93
	53 n-Butanol	56	4.616	4.616	(1.132)	278881	2000.00	2000
	58 Dibromomethane	93	4.622	4.622	(1.133)	113834	50.0000	47
	57 1,2-Dichloropropane	63	4.725	4.725	(1.158)	190381	50.0000	48
	55 Ethyl Acrylate	55	4.798	4.798	(1.176)	275815	50.0000	47
	68 Bromodichloromethane	83	4.805	4.805	(1.178)	239639	50.0000	47
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	60278	50.0000	46
	60 1,4-Dioxane	88	5.042	5.042	(1.236)	12240	200.000	200
	75 Propyl Acetate	43	5.170	5.170	(1.268)	312342	50.0000	19
	62 2-Chloroethyl Vinyl Ether	63	5.445	5.445	(1.335)	122950	50.0000	48
	67 cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	318846	50.0000	48

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61360.d
Report Date: 13-Sep-2012 14:49

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	5.688	5.688	(0.746)	402039	50.0000	49
	66 Toluene	91	5.743	5.743	(0.754)	820130	50.0000	48
	63 Epichlorohydrin	57	5.774	5.774	(0.758)	441715	1000.00	960
	71 Tetrachloroethene	166	6.188	6.188	(0.812)	190090	50.0000	47
	70 4-Methyl-2-Pentanone	43	6.231	6.231	(0.818)	216564	50.0000	47
	64 trans-1,3-Dichloropropene	75	6.262	6.262	(0.822)	298304	50.0000	48
	69 1,1,2-Trichloroethane	83	6.444	6.444	(0.846)	142569	50.0000	47
	175 Ethyl methacrylate	69	6.518	6.518	(1.598)	288052	50.0000	46
	74 Dibromochloromethane	129	6.646	6.646	(0.872)	189696	50.0000	47
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	300694	50.0000	47
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	181226	50.0000	48
	76 Butyl Acetate	73	7.243	7.243	(0.950)	124495	100.000	92
	73 2-Hexanone	43	7.322	7.322	(0.961)	155365	50.0000	47
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	514077	50.0000	
	79 Chlorobenzene	112	7.645	7.645	(1.003)	534924	50.0000	47
	81 Ethylbenzene	106	7.725	7.725	(1.014)	287124	50.0000	46
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	187373	50.0000	47
	82 m+p-Xylene	106	7.944	7.944	(1.042)	706819	100.000	94
	84 o-Xylene	106	8.548	8.548	(1.122)	345584	50.0000	47
	86 Bromoform	173	8.609	8.609	(1.130)	134812	50.0000	48
	85 Styrene	104	8.633	8.633	(1.133)	607914	50.0000	47
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	171744	50.0000	47
	88 Isopropylbenzene	105	9.041	9.041	(1.186)	912160	50.0000	47
$	89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	200329	50.0000	48
	91 Bromobenzene	156	9.541	9.541	(0.851)	234623	50.0000	48
	95 n-Propylbenzene	91	9.688	9.688	(0.865)	1093713	50.0000	47
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	237745	50.0000	47
	96 2-Chlorotoluene	91	9.864	9.864	(0.880)	751472	50.0000	47
	93 1,2,3-Trichloropropane	110	9.974	9.974	(0.890)	69711	50.0000	44
	97 1,3,5-Trimethylbenzene	105	10.035	10.035	(0.896)	785673	50.0000	47
	94 trans-1,4-Dichloro-2-butene	53	10.096	10.096	(0.901)	75320	50.0000	46
	98 4-Chlorotoluene	91	10.139	10.139	(0.905)	708056	50.0000	47
	100 tert-Butylbenzene	119	10.517	10.517	(0.939)	665467	50.0000	47
	99 Butyl Methacrylate	87	10.627	10.627	(0.948)	311024	50.0000	47
	101 1,2,4-Trimethylbenzene	105	10.639	10.639	(0.949)	816272	50.0000	47
	103 sec-Butylbenzene	105	10.809	10.809	(0.965)	976321	50.0000	48
	105 1,3-Dichlorobenzene	146	11.078	11.078	(0.989)	454748	50.0000	48
	107 p-Isopropyltoluene	119	11.090	11.090	(0.990)	846253	50.0000	47
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	274429	50.0000	
	109 1,4-Dichlorobenzene	146	11.224	11.224	(1.002)	465302	50.0000	48
	171 Indan	117	11.480	11.480	(2.814)	826423	50.0000	46
	110 Benzyl Chloride	91	11.620	11.620	(1.037)	729458	50.0000	47
	106 n-Butylbenzene	91	11.700	11.700	(1.044)	788900	50.0000	48
	111 1,2-Dichlorobenzene	146	11.797	11.797	(1.053)	444848	50.0000	48
	112 1,2-Dibromo-3-chloropropane	75	12.742	12.742	(1.137)	48273	50.0000	46
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	329382	50.0000	49
	115 Hexachlorobutadiene	225	13.431	13.431	(1.199)	116083	50.0000	48

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61360.d
Report Date: 13-Sep-2012 14:49

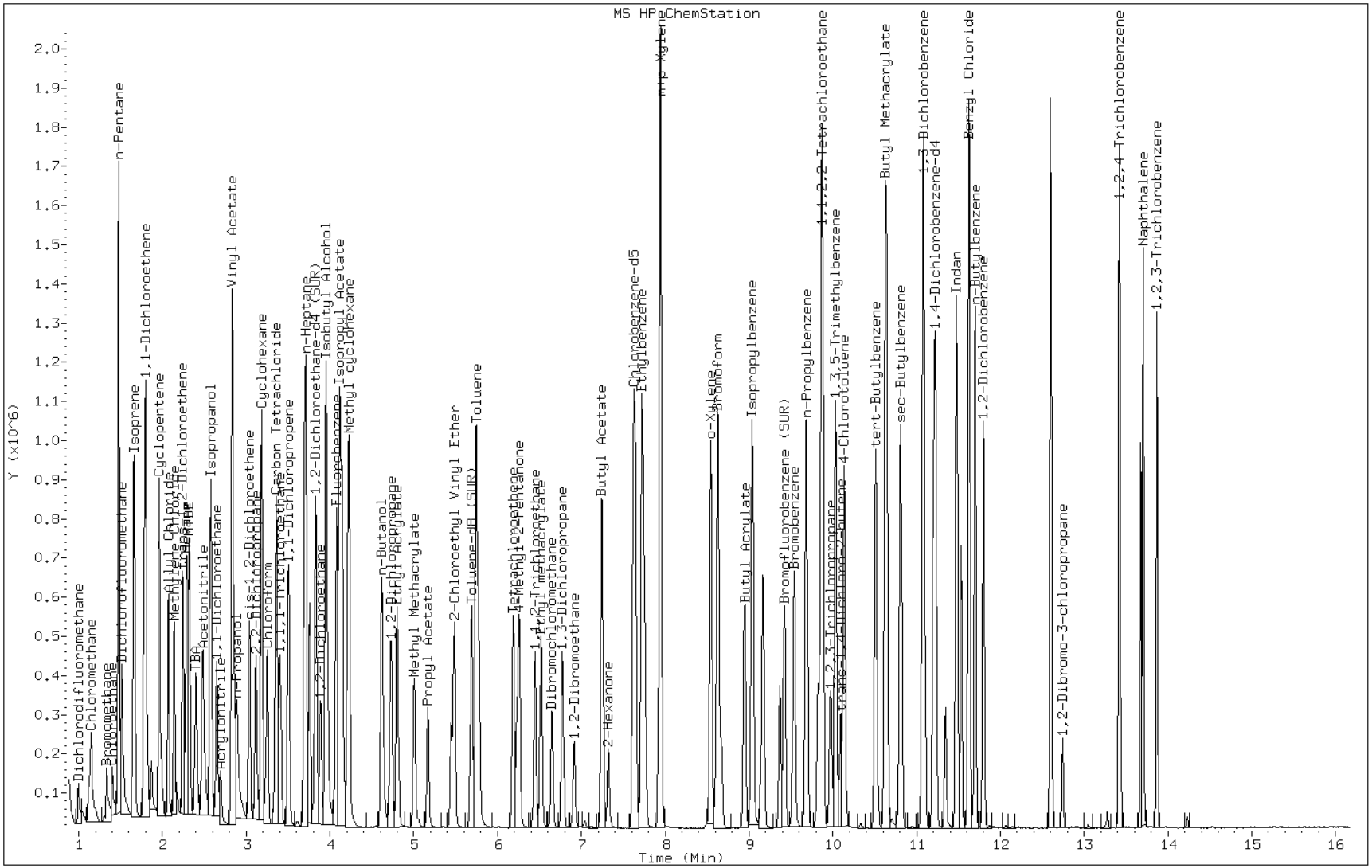
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	13.705	13.705	(1.223)	874921	50.0000	48
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	298340	50.0000	48
M 120 1,2-Dichloroethene (Total)	100				372881	100.000	94
M 121 Xylene (Total)	100				1052403	150.000	140

Data File: p61360.d

Date: 11-SEP-2012 22:45

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL4 Operator:



Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61361.d
Report Date: 13-Sep-2012 14:50

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61361.d
Lab Smp Id: IC-VMCAL5
Inj Date : 11-SEP-2012 23:09
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL5
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/8260_09.m
Meth Date : 13-Sep-2012 14:50 vibha Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	662554	200.000	180
3 Chloromethane	50	1.135	1.135	(0.278)	885227	200.000	180
4 Vinyl Chloride	62	1.153	1.153	(0.283)	891152	200.000	180
6 Bromomethane	94	1.336	1.336	(0.327)	381269	200.000	200
5 Chloroethane	64	1.403	1.403	(0.344)	391337	200.000	190
8 n-Pentane	72	1.476	1.476	(0.362)	311248	400.000	380
7 Trichlorofluoromethane	101	1.482	1.482	(0.363)	1094678	200.000	190
183 Dichlorofluoromethane	67	1.519	1.519	(0.372)	1396431	200.000	190
10 Isoprene	67	1.653	1.653	(0.405)	1098177	200.000	180
11 Ethyl Ether	59	1.671	1.671	(0.410)	675459	200.000	180
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	604518	200.000	200
9 Ethanol	46	1.775	1.775	(0.435)	127324	5000.00	5500(A)
18 Carbon Disulfide	76	1.799	1.799	(0.441)	2503844	200.000	190
14 Freon TF	101	1.805	1.805	(0.443)	723162	200.000	190
170 Cyclopentene	67	1.964	1.964	(0.481)	2137092	200.000	190
13 Acrolein	56	1.988	1.988	(0.487)	160222	200.000	190

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61361.d
Report Date: 13-Sep-2012 14:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	434481	200.000	190
	22 Methylene Chloride	84	2.141	2.141	(0.525)	762729	200.000	180
	16 Acetone	58	2.177	2.177	(0.534)	74820	200.000	170
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	760361	200.000	190
	27 Methyl Acetate	74	2.256	2.256	(0.553)	191980	200.000	180
	29 Hexane	86	2.293	2.293	(0.562)	191729	200.000	200
	28 MTBE	73	2.317	2.317	(0.568)	2536148	200.000	190
	24 TBA	59	2.403	2.403	(0.589)	1985298	4000.00	4000
	21 Acetonitrile	39	2.482	2.482	(0.608)	398988	4000.00	3500
	32 DIPE	45	2.573	2.573	(0.631)	2731087	200.000	190
	31 Vinyl Acetate	43	2.836	2.836	(0.695)	3638678	400.000	400
	30 1,1-Dichloroethane	63	2.653	2.653	(0.650)	1404676	200.000	190
	26 Acrylonitrile	53	2.695	2.695	(0.661)	169319	100.000	96
	35 t-Butyl-ethyl-ether	59	2.836	2.836	(0.695)	2560166	200.000	190
	34 n-Propanol	42	2.890	2.890	(0.709)	147493	5000.00	5100(A)
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	810440	200.000	190
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	1117516	200.000	190
	44 Cyclohexane	56	3.183	3.183	(0.780)	1336712	200.000	190
	40 Bromochloromethane	128	3.189	3.189	(0.782)	388012	200.000	190
	42 Chloroform	83	3.250	3.250	(0.797)	1276454	200.000	200
	45 Carbon Tetrachloride	117	3.348	3.348	(0.821)	956874	200.000	200
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	208149	400.000	400
	41 Tetrahydrofuran	42	3.372	3.372	(0.827)	443650	200.000	190
	43 1,1,1-Trichloroethane	97	3.409	3.409	(0.836)	1114980	200.000	190
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	1122301	200.000	200
	38 2-Butanone	72	3.506	3.506	(0.860)	142889	200.000	210
	51 n-Heptane	57	3.695	3.695	(0.906)	487814	200.000	190
	48 Benzene	78	3.713	3.713	(0.487)	3154626	200.000	200
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	107885	50.0000	48
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	2418476	200.000	190
	49 1,2-Dichloroethane	62	3.890	3.890	(0.954)	986604	200.000	190
	181 Isobutyl Alcohol	43	3.957	3.957	(0.970)	1114434	5000.00	5000
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	690202	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	3439698	400.000	400(A)
	56 Methyl cyclohexane	83	4.219	4.219	(1.034)	1299757	200.000	190
	54 Trichloroethene	95	4.232	4.232	(1.037)	786384	200.000	200
	166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	501375	400.000	390
	53 n-Butanol	56	4.616	4.616	(1.132)	361509	2500.00	2400
	58 Dibromomethane	93	4.628	4.628	(1.135)	480758	200.000	190
	57 1,2-Dichloropropane	63	4.731	4.731	(1.160)	815412	200.000	200
	55 Ethyl Acrylate	55	4.799	4.799	(1.176)	1172165	200.000	190
	68 Bromodichloromethane	83	4.805	4.805	(1.178)	1030639	200.000	200
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	250872	200.000	190
	60 1,4-Dioxane	88	5.036	5.036	(1.235)	15149	250.000	240
	75 Propyl Acetate	43	5.170	5.170	(1.268)	1325048	200.000	190
	62 2-Chloroethyl Vinyl Ether	63	5.451	5.451	(1.336)	524525	200.000	200
	67 cis-1,3-Dichloropropene	75	5.487	5.487	(0.720)	1365374	200.000	200

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61361.d
Report Date: 13-Sep-2012 14:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	407548	50.0000	48
	66 Toluene	91	5.750	5.750	(0.754)	3472684	200.000	200
	63 Epichlorohydrin	57	5.780	5.780	(0.758)	1872406	4000.00	4000
	71 Tetrachloroethene	166	6.189	6.189	(0.812)	811342	200.000	200
	70 4-Methyl-2-Pentanone	43	6.237	6.237	(0.818)	934877	200.000	200
	64 trans-1,3-Dichloropropene	75	6.262	6.262	(0.822)	1282775	200.000	200
	69 1,1,2-Trichloroethane	83	6.445	6.445	(0.846)	620886	200.000	200
	175 Ethyl methacrylate	69	6.524	6.524	(1.599)	1232367	200.000	190
	74 Dibromochloromethane	129	6.652	6.652	(0.873)	835738	200.000	200
	72 1,3-Dichloropropane	76	6.780	6.780	(0.890)	1289445	200.000	200
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	772446	200.000	200
	76 Butyl Acetate	73	7.249	7.249	(0.951)	542665	400.000	390
	73 2-Hexanone	43	7.322	7.322	(0.961)	674708	200.000	200
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	526217	50.0000	
	79 Chlorobenzene	112	7.646	7.646	(1.003)	2289169	200.000	200
	81 Ethylbenzene	106	7.731	7.731	(1.014)	1245355	200.000	200
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	824191	200.000	200
	82 m+p-Xylene	106	7.950	7.950	(1.043)	3081848	400.000	400
	84 o-Xylene	106	8.548	8.548	(1.122)	1501146	200.000	200
	86 Bromoform	173	8.615	8.615	(1.130)	607320	200.000	210
	85 Styrene	104	8.633	8.633	(1.133)	2652641	200.000	200
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	754702	200.000	200
	88 Isopropylbenzene	105	9.048	9.048	(1.187)	3974910	200.000	200
$	89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	210669	50.0000	50
	91 Bromobenzene	156	9.542	9.542	(0.851)	1011546	200.000	200
	95 n-Propylbenzene	91	9.688	9.688	(0.864)	4743277	200.000	200
	92 1,1,2,2-Tetrachloroethane	83	9.828	9.828	(0.877)	1032096	200.000	200
	96 2-Chlorotoluene	91	9.871	9.871	(0.880)	3266547	200.000	200
	93 1,2,3-Trichloropropane	110	9.980	9.980	(0.890)	305616	200.000	190
	97 1,3,5-Trimethylbenzene	105	10.041	10.041	(0.896)	3401166	200.000	200
	94 trans-1,4-Dichloro-2-butene	53	10.096	10.096	(0.900)	319037	200.000	190
	98 4-Chlorotoluene	91	10.145	10.145	(0.905)	3051090	200.000	200
	100 tert-Butylbenzene	119	10.517	10.517	(0.938)	2866070	200.000	200
	99 Butyl Methacrylate	87	10.633	10.633	(0.948)	1340079	200.000	200
	101 1,2,4-Trimethylbenzene	105	10.645	10.645	(0.949)	3507698	200.000	200
	103 sec-Butylbenzene	105	10.816	10.816	(0.965)	4187661	200.000	200
	105 1,3-Dichlorobenzene	146	11.084	11.084	(0.989)	1931291	200.000	200
	107 p-Isopropyltoluene	119	11.096	11.096	(0.990)	3675153	200.000	200
*	108 1,4-Dichlorobenzene-d4	152	11.212	11.212	(1.000)	278809	50.0000	
	109 1,4-Dichlorobenzene	146	11.230	11.230	(1.002)	1965258	200.000	200
	171 Indan	117	11.486	11.486	(2.816)	3486683	200.000	190
	110 Benzyl Chloride	91	11.626	11.626	(1.037)	3081823	200.000	200
	106 n-Butylbenzene	91	11.706	11.706	(1.044)	3340614	200.000	200
	111 1,2-Dichlorobenzene	146	11.803	11.803	(1.053)	1884858	200.000	200
	112 1,2-Dibromo-3-chloropropane	75	12.748	12.748	(1.137)	214017	200.000	200
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	1370317	200.000	200
	115 Hexachlorobutadiene	225	13.431	13.431	(1.198)	483839	200.000	200

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61361.d
Report Date: 13-Sep-2012 14:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	13.711	13.711	(1.223)	3628402	200.000	200
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.237)	1229481	200.000	200
M 120 1,2-Dichloroethene (Total)	100				1570801	400.000	390
M 121 Xylene (Total)	100				4582994	600.000	600

QC Flag Legend

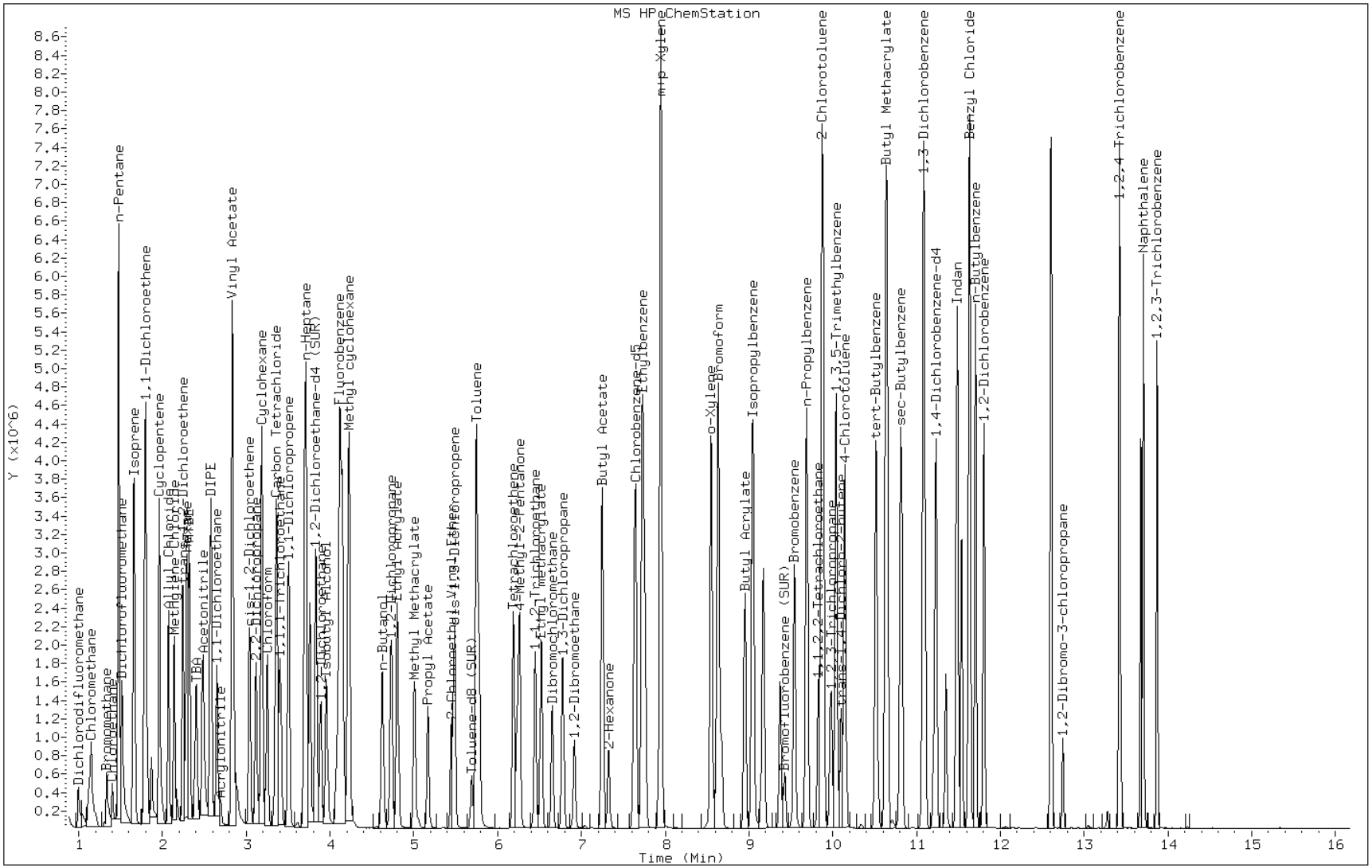
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: p61361.d

Date: 11-SEP-2012 23:09

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL5 Operator:



Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61362.d
Report Date: 13-Sep-2012 14:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61362.d
Lab Smp Id: IC-VMCAL6
Inj Date : 11-SEP-2012 23:34
Operator : Inst ID: VOAMS13.i
Smp Info : IC-VMCAL6
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/8260_09.m
Meth Date : 13-Sep-2012 14:49 vibha Quant Type: ISTD
Cal Date : 11-SEP-2012 23:34 Cal File: p61362.d
Als bottle: 11 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	1638251	500.000	500(A)
3 Chloromethane	50	1.141	1.141	(0.280)	2274371	500.000	530(A)
4 Vinyl Chloride	62	1.153	1.153	(0.283)	2181710	500.000	510(A)
6 Bromomethane	94	1.336	1.336	(0.327)	1064313	500.000	500
5 Chloroethane	64	1.403	1.403	(0.344)	999458	500.000	550(A)
8 n-Pentane	72	1.476	1.476	(0.362)	677402	1000.00	930
7 Trichlorofluoromethane	101	1.482	1.482	(0.363)	2558736	500.000	510(A)
183 Dichlorofluoromethane	67	1.518	1.518	(0.372)	3281638	500.000	510(A)
10 Isoprene	67	1.653	1.653	(0.405)	2589077	500.000	500
11 Ethyl Ether	59	1.671	1.671	(0.410)	1634516	500.000	510(A)
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	1479073	500.000	560(A)
9 Ethanol	46	1.793	1.793	(0.440)	166499	6000.00	8200(A)
18 Carbon Disulfide	76	1.799	1.799	(0.441)	5935109	500.000	520(A)
14 Freon TF	101	1.805	1.805	(0.442)	1678184	500.000	510(A)
170 Cyclopentene	67	1.964	1.964	(0.481)	5072139	500.000	510(A)
13 Acrolein	56	1.994	1.994	(0.489)	316962	400.000	430

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61362.d
Report Date: 13-Sep-2012 14:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	1009991	500.000	510(A)
	22 Methylene Chloride	84	2.140	2.140	(0.525)	1915522	500.000	510(A)
	16 Acetone	58	2.183	2.183	(0.535)	191270	500.000	510(A)
	25 trans-1,2-Dichloroethene	96	2.244	2.244	(0.550)	1917200	500.000	550(A)
	27 Methyl Acetate	74	2.262	2.262	(0.555)	477128	500.000	510(A)
	29 Hexane	86	2.293	2.293	(0.562)	441233	500.000	520(A)
	28 MTBE	73	2.317	2.317	(0.568)	6232158	500.000	540(A)
	24 TBA	59	2.409	2.409	(0.590)	5048200	10000.0	12000(A)
	21 Acetonitrile	39	2.488	2.488	(0.610)	1006792	10000.0	10000(A)
	32 DIPE	45	2.579	2.579	(0.632)	6615092	500.000	520(A)
	31 Vinyl Acetate	43	2.841	2.841	(0.697)	8052035	1000.00	1000(A)
	30 1,1-Dichloroethane	63	2.652	2.652	(0.650)	3535390	500.000	560(A)
	26 Acrylonitrile	53	2.695	2.695	(0.661)	347201	200.000	220
	35 t-Butyl-ethyl-ether	59	2.835	2.835	(0.695)	6221469	500.000	530(A)
	34 n-Propanol	42	2.896	2.896	(0.710)	186319	6000.00	7400(AH)
	36 cis-1,2-Dichloroethene	96	3.043	3.043	(0.746)	2049730	500.000	560(A)
	37 2,2-Dichloropropane	77	3.122	3.122	(0.765)	2740970	500.000	540(A)
	44 Cyclohexane	56	3.183	3.183	(0.780)	3118656	500.000	510(A)
	40 Bromochloromethane	128	3.189	3.189	(0.782)	957475	500.000	540(A)
	42 Chloroform	83	3.256	3.256	(0.798)	3226743	500.000	560(A)
	45 Carbon Tetrachloride	117	3.353	3.353	(0.822)	2365426	500.000	560(A)
	39 Ethyl Acetate	70	3.366	3.366	(0.825)	525879	1000.00	1200(A)
	41 Tetrahydrofuran	42	3.378	3.378	(0.828)	1097905	500.000	550(A)
	43 1,1,1-Trichloroethane	97	3.408	3.408	(0.836)	2763583	500.000	550(A)
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	2758844	500.000	560(A)
	38 2-Butanone	72	3.506	3.506	(0.860)	356162	500.000	590(A)
	51 n-Heptane	57	3.701	3.701	(0.907)	1102040	500.000	490
	48 Benzene	78	3.713	3.713	(0.487)	7864414	500.000	560(A)
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.835	3.835	(0.940)	114910	50.0000	58
	50 t-Amyl-methyl-ether	73	3.835	3.835	(0.940)	6010618	500.000	550(A)
	49 1,2-Dichloroethane	62	3.896	3.896	(0.955)	2480505	500.000	550(A)
	181 Isobutyl Alcohol	43	3.963	3.963	(0.972)	1382186	6000.00	7000(A)
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	605915	50.0000	
	61 Isopropyl Acetate	43	4.152	4.152	(1.018)	8470698	1000.00	1100(A)
	169 1,2-Difluorotetrachloroethane	101	3.835	3.835	(0.940)	2436	500.000	
	56 Methyl cyclohexane	83	4.225	4.225	(1.036)	3035585	500.000	520(A)
	54 Trichloroethene	95	4.237	4.237	(1.039)	2000124	500.000	560(A)
	166 2,4,4-Trimethyl-1-pentene	112	4.122	4.122	(1.010)	1162607	1000.00	1000(A)
	53 n-Butanol	56	4.622	4.622	(1.133)	455505	3000.00	3500(A)
	58 Dibromomethane	93	4.634	4.634	(1.136)	1190411	500.000	550(A)
	57 1,2-Dichloropropane	63	4.731	4.731	(1.160)	2064561	500.000	570(A)
	55 Ethyl Acrylate	55	4.804	4.804	(1.178)	2954624	500.000	550(A)
	68 Bromodichloromethane	83	4.811	4.811	(1.179)	2617009	500.000	570(A)
	59 Methyl Methacrylate	100	5.012	5.012	(1.229)	637539	500.000	540(A)
	60 1,4-Dioxane	88	5.042	5.042	(1.236)	20868	300.000	370(A)
	75 Propyl Acetate	43	5.170	5.170	(1.268)	3346171	500.000	230
	62 2-Chloroethyl Vinyl Ether	63	5.457	5.457	(1.338)	1366816	500.000	590(A)

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61362.d
Report Date: 13-Sep-2012 14:49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	67 cis-1,3-Dichloropropene	75	5.493	5.493	(0.720)	3488268	500.000	580(A)
$	65 Toluene-d8 (SUR)	98	5.694	5.694	(0.747)	419546	50.0000	56
	66 Toluene	91	5.755	5.755	(0.755)	8729910	500.000	560(A)
	63 Epichlorohydrin	57	5.792	5.792	(0.759)	4740889	10000.0	11000(A)
	71 Tetrachloroethene	166	6.194	6.194	(0.812)	2038834	500.000	560(A)
	70 4-Methyl-2-Pentanone	43	6.243	6.243	(0.819)	2365093	500.000	560(A)
	64 trans-1,3-Dichloropropene	75	6.268	6.268	(0.822)	3294717	500.000	580(A)
	69 1,1,2-Trichloroethane	83	6.450	6.450	(0.846)	1587726	500.000	570(A)
	175 Ethyl methacrylate	69	6.530	6.530	(1.601)	3147523	500.000	560(A)
	74 Dibromochloromethane	129	6.658	6.658	(0.873)	2166507	500.000	600(A)
	72 1,3-Dichloropropane	76	6.786	6.786	(0.890)	3305476	500.000	570(A)
	77 1,2-Dibromoethane	107	6.920	6.920	(0.907)	1967630	500.000	570(A)
	76 Butyl Acetate	73	7.255	7.255	(0.951)	1393072	1000.00	1100(A)
	73 2-Hexanone	43	7.334	7.334	(0.962)	1723620	500.000	570(A)
*	78 Chlorobenzene-d5	117	7.627	7.627	(1.000)	466983	50.0000	
	79 Chlorobenzene	112	7.651	7.651	(1.003)	5841397	500.000	570(A)
	81 Ethylbenzene	106	7.737	7.737	(1.014)	3186957	500.000	570(A)
	80 1,1,1,2-Tetrachloroethane	131	7.767	7.767	(1.018)	2125831	500.000	590(A)
	82 m+p-Xylene	106	7.956	7.956	(1.043)	7925029	1000.00	1200(A)
	84 o-Xylene	106	8.560	8.560	(1.122)	3860202	500.000	580(A)
	86 Bromoform	173	8.621	8.621	(1.130)	1588757	500.000	620(A)
	85 Styrene	104	8.645	8.645	(1.133)	6824736	500.000	580(A)
	83 Butyl Acrylate	73	8.962	8.962	(1.175)	1930408	500.000	590(A)
	88 Isopropylbenzene	105	9.054	9.054	(1.187)	10076788	500.000	580(A)
$	89 Bromofluorobenzene (SUR)	174	9.432	9.432	(0.841)	217623	50.0000	58
	91 Bromobenzene	156	9.547	9.547	(0.851)	2557570	500.000	580(A)
	95 n-Propylbenzene	91	9.700	9.700	(0.865)	11901310	500.000	580(A)
	92 1,1,2,2-Tetrachloroethane	83	9.840	9.840	(0.877)	2604587	500.000	580(A)
	96 2-Chlorotoluene	91	9.883	9.883	(0.881)	8228914	500.000	570(A)
	93 1,2,3-Trichloropropane	110	9.986	9.986	(0.890)	776985	500.000	560(A)
	97 1,3,5-Trimethylbenzene	105	10.053	10.053	(0.896)	8561349	500.000	580(A)
	94 trans-1,4-Dichloro-2-butene	53	10.108	10.108	(0.901)	797931	500.000	550(A)
	98 4-Chlorotoluene	91	10.157	10.157	(0.905)	7743748	500.000	580(A)
	100 tert-Butylbenzene	119	10.529	10.529	(0.939)	7151839	500.000	570(A)
	99 Butyl Methacrylate	87	10.645	10.645	(0.949)	3364276	500.000	570(A)
	101 1,2,4-Trimethylbenzene	105	10.657	10.657	(0.950)	8833777	500.000	580(A)
	103 sec-Butylbenzene	105	10.828	10.828	(0.965)	10367915	500.000	570(A)
	105 1,3-Dichlorobenzene	146	11.090	11.090	(0.989)	4847615	500.000	570(A)
	107 p-Isopropyltoluene	119	11.102	11.102	(0.990)	9109134	500.000	570(A)
*	108 1,4-Dichlorobenzene-d4	152	11.218	11.218	(1.000)	244511	50.0000	
	109 1,4-Dichlorobenzene	146	11.242	11.242	(1.002)	4925917	500.000	560(A)
	171 Indan	117	11.492	11.492	(2.817)	8488499	500.000	530(A)
	110 Benzyl Chloride	91	11.632	11.632	(1.037)	7462212	500.000	540(A)
	106 n-Butylbenzene	91	11.712	11.712	(1.044)	7946897	500.000	550(A)
	111 1,2-Dichlorobenzene	146	11.815	11.815	(1.053)	4688402	500.000	560(A)
	112 1,2-Dibromo-3-chloropropane	75	12.748	12.748	(1.136)	531347	500.000	560(A)
	114 1,2,4-Trichlorobenzene	180	13.425	13.425	(1.197)	3396138	500.000	560(A)

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61362.d
Report Date: 13-Sep-2012 14:49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
115 Hexachlorobutadiene	225	13.431	13.431	(1.197)	1174860	500.000	540(A)
116 Naphthalene	128	13.711	13.711	(1.222)	9052479	500.000	560(A)
117 1,2,3-Trichlorobenzene	180	13.876	13.876	(1.237)	3043826	500.000	550(A)
M 120 1,2-Dichloroethene (Total)	100				3966930	1000.00	1100
M 121 Xylene (Total)	100				11785231	1500.00	1700

QC Flag Legend

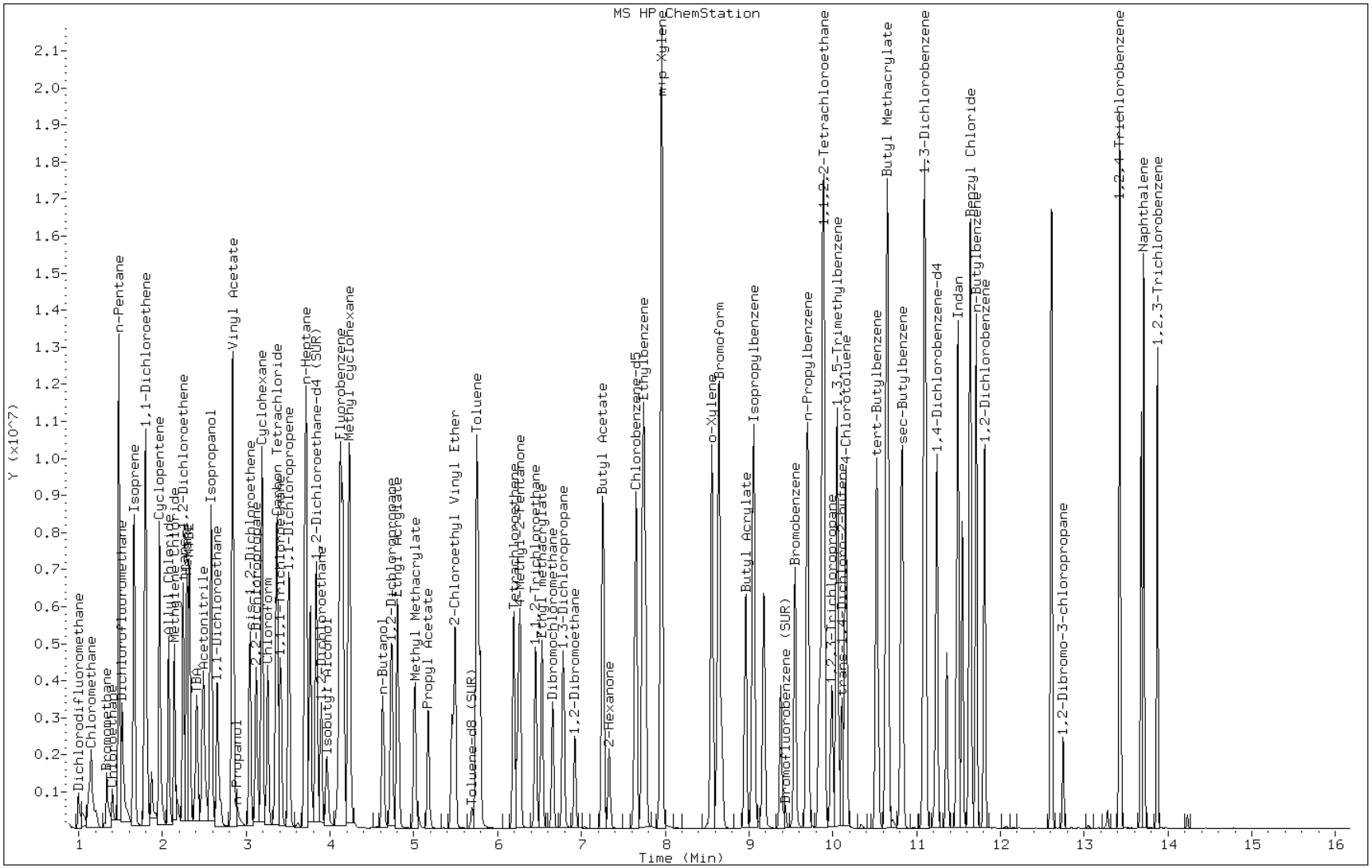
A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

Data File: p61362.d

Date: 11-SEP-2012 23:34

Client ID: Instrument: VOAMS13.i

Sample Info: IC-VMCAL6 Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab Sample ID: CCVIS 460-129391/2 Calibration Date: 09/26/2012 09:02

Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/11/2012 23:34

Lab File ID: p62066.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2701	0.2506		18.6	20.0	-7.2	50.0
Chloromethane	Ave	0.3517	0.3422	0.1000	19.5	20.0	-2.7	50.0
Vinyl chloride	Ave	0.3506	0.3163		18.0	20.0	-9.8	20.0
Bromomethane	QuaF	0.1332	0.0853		13.7	20.0	-31.6	50.0
Chloroethane	Ave	0.1491	0.2236		30.0	20.0	49.9	50.0
n-Pentane	Ave	0.0599	0.0476		31.8	40.0	-20.6	50.0
Trichlorofluoromethane	Ave	0.4105	0.5106		24.9	20.0	24.4	50.0
Dichlorofluoromethane	Ave	0.5267	0.6210		23.6	20.0	17.9	50.0
Isopropene	Ave	0.4300	0.4006		18.6	20.0	-6.9	50.0
Ethyl ether	Ave	0.2658	0.2885		21.7	20.0	8.5	50.0
Ethanol	Ave	0.0017	0.0018		3320	3000	10.8	50.0
1,1-Dichloroethene	Ave	0.2162	0.2101		19.4	20.0	-2.8	20.0
Carbon disulfide	Ave	0.9328	0.8789		18.8	20.0	-5.8	50.0
Freon TF	Ave	0.2726	0.2190		16.1	20.0	-19.7	50.0
Cyclopentene	Ave	0.8249	0.7365		17.9	20.0	-10.7	50.0
Acrolein	Ave	0.0602	0.0464		30.8	40.0	-23.0	99.0
Methylene Chloride	LinF	0.3084	0.2982		19.2	20.0	-4.1	50.0
Acetone	Ave	0.0310	0.0389		25.1	20.0	25.5	50.0
trans-1,2-Dichloroethene	Ave	0.2854	0.2872		20.1	20.0	0.6	50.0
Methyl acetate	LinF	0.0809	0.0789		20.4	20.0	1.8	50.0
Hexane	Ave	0.0705	0.0457		13.0	20.0	-35.2	50.0
MTBE	Ave	0.9518	0.9351		19.6	20.0	-1.8	50.0
TBA	Ave	0.0360	0.0406		451	400	12.7	50.0
Acetonitrile	LinF	0.0084	0.0089		437	400	9.2	50.0
DIPE	Ave	1.054	0.9729		18.5	20.0	-7.7	50.0
1,1-Dichloroethane	Ave	0.5226	0.5166	0.1000	19.8	20.0	-1.1	50.0
Acrylonitrile	Ave	0.1271	0.1291		20.3	20.0	1.6	50.0
Tert-butyl ethyl ether	Ave	0.9643	0.9603	0.0100	19.9	20.0	-0.4	50.0
Vinyl acetate	Ave	0.6572	0.6104		37.2	40.0	-7.1	50.0
cis-1,2-Dichloroethene	Ave	0.3038	0.3287		21.6	20.0	8.2	50.0
2,2-Dichloropropane	Ave	0.4212	0.3801		18.0	20.0	-9.8	50.0
Cyclohexane	Ave	0.5024	0.3825		15.2	20.0	-23.9	50.0
Bromochloromethane	Ave	0.1475	0.1616		21.9	20.0	9.6	50.0
Chloroform	Ave	0.4718	0.5078		21.5	20.0	7.6	20.0
Carbon tetrachloride	Ave	0.3516	0.3091		17.6	20.0	-12.1	50.0
Ethyl acetate	Ave	0.0374	0.0418		44.7	40.0	11.7	50.0
Tetrahydrofuran	Ave	0.1654	0.1897		22.9	20.0	14.7	50.0
1,1,1-Trichloroethane	Ave	0.4154	0.4193		20.2	20.0	0.9	50.0
1,1-Dichloropropene	Ave	0.4098	0.4126		20.1	20.0	0.7	50.0
2-Butanone	Ave	0.0498	0.0606		24.4	20.0	21.9	50.0
n-Heptane	Ave	0.1841	0.1077		11.7	20.0	-41.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab Sample ID: CCVIS 460-129391/2 Calibration Date: 09/26/2012 09:02

Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/11/2012 23:34

Lab File ID: p62066.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.508	1.605		21.3	20.0	6.4	50.0
Tert-amyl methyl ether	Ave	0.9053	0.8753		19.3	20.0	-3.3	50.0
1,2-Dichloroethane	Ave	0.3688	0.4033		21.9	20.0	9.3	50.0
Isobutyl alcohol	Ave	0.0163	0.0152		2810	3000	-6.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.0938	0.0603		25.7	40.0	-35.8	50.0
Isopropyl acetate	Ave	0.6190	0.6034		39.0	40.0	-2.5	50.0
Methylcyclohexane	Ave	0.4858	0.3353		13.8	20.0	-31.0	50.0
Trichloroethene	Ave	0.2921	0.3101		21.2	20.0	6.2	50.0
n-Butanol	Ave	0.0107	0.0092		1290	1500	-14.1	50.0
Dibromomethane	Ave	0.1792	0.1909		21.3	20.0	6.6	50.0
1,2-Dichloropropane	Ave	0.2990	0.3110		20.8	20.0	4.0	20.0
Ethyl acrylate	Ave	0.4412	0.4266		19.3	20.0	-3.3	50.0
Bromodichloromethane	Ave	0.3785	0.3811		20.1	20.0	0.7	50.0
Methyl methacrylate	Ave	0.0969	0.0961		19.8	20.0	-0.9	50.0
1,4-Dioxane	Ave	0.0046	0.0047		151	150	0.5	50.0
Propyl acetate	Ave	0.4967	0.4759		19.2	20.0	-4.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1924	0.2186		22.7	20.0	13.6	50.0
cis-1,3-Dichloropropene	Ave	0.6472	0.5988		18.5	20.0	-7.5	50.0
Toluene	Ave	1.675	1.673		20.0	20.0	-0.2	20.0
Epichlorohydrin	Ave	0.0449	0.0531		473	400	18.3	50.0
Tetrachloroethene	Ave	0.3928	0.3862		19.7	20.0	-1.7	50.0
4-Methyl-2-pentanone	Ave	0.4490	0.4305		19.2	20.0	-4.1	50.0
trans-1,3-Dichloropropene	Ave	0.6052	0.5413		17.9	20.0	-10.6	50.0
1,1,2-Trichloroethane	Ave	0.2973	0.3091		20.8	20.0	4.0	50.0
Ethyl methacrylate	Ave	0.4672	0.4271		18.3	20.0	-8.6	50.0
Dibromochloromethane	Ave	0.3887	0.3643		18.7	20.0	-6.3	50.0
1,3-Dichloropropane	Ave	0.6206	0.6511		21.0	20.0	4.9	50.0
1,2-Dibromoethane	Ave	0.3680	0.3892		21.1	20.0	5.7	50.0
Butyl acetate	Ave	0.1312	0.1193		36.4	40.0	-9.1	50.0
2-Hexanone	Ave	0.3238	0.3278		20.2	20.0	1.2	50.0
Chlorobenzene	Ave	1.102	1.162	0.3000	21.1	20.0	5.5	50.0
Ethylbenzene	Ave	0.5994	0.5735		19.1	20.0	-4.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3859	0.3679		19.1	20.0	-4.7	50.0
m&p-Xylene	Ave	0.7341	0.7265		39.6	40.0	-1.0	50.0
o-Xylene	Ave	0.7165	0.7084		19.8	20.0	-1.1	50.0
Bromoform	Ave	0.2757	0.2473	0.1000	17.9	20.0	-10.3	50.0
Styrene	Ave	1.257	1.257		20.0	20.0	0.0	50.0
Butyl acrylate	Ave	0.3522	0.3228		18.3	20.0	-8.4	50.0
Isopropylbenzene	Ave	1.869	1.794		19.2	20.0	-4.0	50.0
Monobromobenzene	Ave	0.8964	0.9215		20.6	20.0	2.8	50.0
N-Propylbenzene	Ave	4.211	3.790		18.0	20.0	-10.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab Sample ID: CCVIS 460-129391/2 Calibration Date: 09/26/2012 09:02

Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/11/2012 23:34

Lab File ID: p62066.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	0.9176	0.9160	0.3000	20.0	20.0	-0.2	50.0
2-Chlorotoluene	Ave	2.936	2.804		19.1	20.0	-4.5	50.0
1,2,3-Trichloropropane	Ave	0.2856	0.2833		19.8	20.0	-0.8	50.0
1,3,5-Trimethylbenzene	Ave	3.032	2.798		18.5	20.0	-7.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2985	0.2837		19.0	20.0	-4.9	50.0
4-Chlorotoluene	Ave	2.720	2.637		19.4	20.0	-3.1	50.0
tert-Butylbenzene	Ave	2.557	2.263		17.7	20.0	-11.5	50.0
Butyl Methacrylate	Ave	1.212	1.084		17.9	20.0	-10.5	50.0
1,2,4-Trimethylbenzene	Ave	3.137	3.033		19.3	20.0	-3.3	50.0
sec-Butylbenzene	Ave	3.730	3.337		17.9	20.0	-10.5	50.0
1,3-Dichlorobenzene	Ave	1.738	1.789		20.6	20.0	2.9	50.0
p-Isopropyltoluene	Ave	3.248	2.937		18.1	20.0	-9.6	50.0
1,4-Dichlorobenzene	Ave	1.782	1.852		20.8	20.0	3.9	50.0
Indan	Ave	1.326	1.505		22.7	20.0	13.5	50.0
Benzyl chloride	Ave	2.821	2.141		15.2	20.0	-24.1	50.0
n-Butylbenzene	Ave	2.972	2.752		18.5	20.0	-7.4	50.0
1,2-Dichlorobenzene	Ave	1.697	1.785		21.0	20.0	5.2	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1925	0.1727		17.9	20.0	-10.3	50.0
1,2,4-Trichlorobenzene	Ave	1.230	1.290		21.0	20.0	4.8	50.0
Hexachlorobutadiene	Ave	0.4427	0.4217		19.0	20.0	-4.8	50.0
Naphthalene	Ave	3.312	3.540		21.4	20.0	6.9	50.0
1,2,3-Trichlorobenzene	Ave	1.122	1.211		21.6	20.0	7.9	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1635	0.1824		55.8	50.0	11.6	50.0
Toluene-d8 (Surr)	Ave	0.8003	0.7413		46.3	50.0	-7.4	50.0
Bromofluorobenzene	Ave	0.7623	0.5799		38.0	50.0	-23.9	50.0

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62066.d
Report Date: 26-Sep-2012 09:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62066.d
Lab Smp Id: CCVIS
Inj Date : 26-SEP-2012 09:02
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/8260_09.m
Meth Date : 26-Sep-2012 09:19 desais Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	53252	20.0000	18
3 Chloromethane	50	1.128	1.128	(0.277)	72720	20.0000	19
4 Vinyl Chloride	62	1.153	1.153	(0.283)	67215	20.0000	18
6 Bromomethane	94	1.336	1.336	(0.327)	18116	20.0000	14
5 Chloroethane	64	1.403	1.403	(0.344)	47512	20.0000	30
8 n-Pentane	72	1.476	1.476	(0.362)	20224	40.0000	32
7 Trichlorofluoromethane	101	1.476	1.476	(0.362)	108507	20.0000	25
183 Dichlorofluoromethane	67	1.519	1.519	(0.372)	131963	20.0000	24
10 Isoprene	67	1.653	1.653	(0.405)	85117	20.0000	19
11 Ethyl Ether	59	1.671	1.671	(0.410)	61295	20.0000	22
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	44641	20.0000	19
9 Ethanol	46	1.775	1.775	(0.435)	58737	3000.00	3300
18 Carbon Disulfide	76	1.799	1.799	(0.441)	186763	20.0000	19
14 Freon TF	101	1.805	1.805	(0.443)	46538	20.0000	16
170 Cyclopentene	67	1.958	1.958	(0.480)	156511	20.0000	18
13 Acrolein	56	1.988	1.988	(0.487)	19720	40.0000	31

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62066.d
Report Date: 26-Sep-2012 09:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	34650	20.0000	20
	22 Methylene Chloride	84	2.140	2.140	(0.525)	63367	20.0000	19
	16 Acetone	58	2.177	2.177	(0.534)	8269	20.0000	25
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	61037	20.0000	20
	27 Methyl Acetate	74	2.256	2.256	(0.553)	16769	20.0000	20
	29 Hexane	86	2.287	2.287	(0.561)	9716	20.0000	13
	28 MTBE	73	2.317	2.317	(0.568)	198700	20.0000	20
	24 TBA	59	2.403	2.403	(0.589)	172474	400.000	450
	21 Acetonitrile	39	2.482	2.482	(0.608)	37928	400.000	440
	32 DIPE	45	2.573	2.573	(0.631)	206746	20.0000	18
	31 Vinyl Acetate	43	2.835	2.835	(0.695)	259431	40.0000	37
	30 1,1-Dichloroethane	63	2.653	2.653	(0.650)	109771	20.0000	20
	26 Acrylonitrile	53	2.695	2.695	(0.661)	27432	20.0000	20
	35 t-Butyl-ethyl-ether	59	2.829	2.829	(0.694)	204053	20.0000	20
	34 n-Propanol	42	2.890	2.890	(0.709)	71859	3000.00	3200
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	69854	20.0000	22
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	80770	20.0000	18
	44 Cyclohexane	56	3.183	3.183	(0.780)	81278	20.0000	15
	40 Bromochloromethane	128	3.189	3.189	(0.782)	34346	20.0000	22
	42 Chloroform	83	3.250	3.250	(0.797)	107905	20.0000	22
	45 Carbon Tetrachloride	117	3.348	3.348	(0.821)	65685	20.0000	18
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	17763	40.0000	45
	41 Tetrahydrofuran	42	3.372	3.372	(0.827)	40308	20.0000	23
	43 1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	89096	20.0000	20
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	87681	20.0000	20
	38 2-Butanone	72	3.506	3.506	(0.860)	12885	20.0000	24
	51 n-Heptane	57	3.695	3.695	(0.906)	22884	20.0000	12
	48 Benzene	78	3.707	3.707	(0.486)	265557	20.0000	21
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	96899	50.0000	56
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	186005	20.0000	19
	49 1,2-Dichloroethane	62	3.884	3.884	(0.952)	85694	20.0000	22
	181 Isobutyl Alcohol	43	3.951	3.951	(0.969)	485718	3000.00	2800
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	531238	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	256444	40.0000	39
	56 Methyl cyclohexane	83	4.213	4.213	(1.033)	71250	20.0000	14
	54 Trichloroethene	95	4.232	4.232	(1.037)	65901	20.0000	21
	166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	25606	40.0000	26
	53 n-Butanol	56	4.616	4.616	(1.132)	145885	1500.00	1300
	58 Dibromomethane	93	4.628	4.628	(1.135)	40570	20.0000	21
	57 1,2-Dichloropropane	63	4.731	4.731	(1.160)	66084	20.0000	21
	55 Ethyl Acrylate	55	4.798	4.798	(1.176)	90646	20.0000	19
	68 Bromodichloromethane	83	4.805	4.805	(1.178)	80973	20.0000	20
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	20414	20.0000	20
	60 1,4-Dioxane	88	5.030	5.030	(1.233)	7434	150.000	150
	75 Propyl Acetate	43	5.170	5.170	(1.268)	101122	20.0000	19
	62 2-Chloroethyl Vinyl Ether	63	5.445	5.445	(1.335)	46448	20.0000	23
	67 cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	99051	20.0000	18

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62066.d
Report Date: 26-Sep-2012 09:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	306611	50.0000	46
	66 Toluene	91	5.750	5.750	(0.754)	276679	20.0000	20
	63 Epichlorohydrin	57	5.774	5.774	(0.758)	175529	400.000	470
	71 Tetrachloroethene	166	6.188	6.188	(0.812)	63881	20.0000	20
	70 4-Methyl-2-Pentanone	43	6.237	6.237	(0.818)	71213	20.0000	19
	64 trans-1,3-Dichloropropene	75	6.262	6.262	(0.822)	89539	20.0000	18
	69 1,1,2-Trichloroethane	83	6.445	6.445	(0.846)	51132	20.0000	21
	175 Ethyl methacrylate	69	6.518	6.518	(1.598)	90750	20.0000	18
	74 Dibromochloromethane	129	6.652	6.652	(0.873)	60267	20.0000	19
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	107713	20.0000	21
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	64376	20.0000	21
	76 Butyl Acetate	73	7.249	7.249	(0.951)	39463	40.0000	36
	73 2-Hexanone	43	7.322	7.322	(0.961)	54222	20.0000	20
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	413554	50.0000	
	79 Chlorobenzene	112	7.646	7.646	(1.003)	192215	20.0000	21
	81 Ethylbenzene	106	7.725	7.725	(1.014)	94866	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	60854	20.0000	19
	82 m+p-Xylene	106	7.944	7.944	(1.042)	240350	40.0000	40
	84 o-Xylene	106	8.548	8.548	(1.122)	117186	20.0000	20
	86 Bromoform	173	8.609	8.609	(1.130)	40901	20.0000	18
	85 Styrene	104	8.633	8.633	(1.133)	207974	20.0000	20
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	53399	20.0000	18
	88 Isopropylbenzene	105	9.042	9.042	(1.186)	296792	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.420	9.420	(0.841)	137399	50.0000	38
	91 Bromobenzene	156	9.541	9.541	(0.851)	87333	20.0000	20
	95 n-Propylbenzene	91	9.688	9.688	(0.865)	359144	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	86811	20.0000	20
	96 2-Chlorotoluene	91	9.865	9.865	(0.880)	265750	20.0000	19
	93 1,2,3-Trichloropropane	110	9.974	9.974	(0.890)	26844	20.0000	20
	97 1,3,5-Trimethylbenzene	105	10.035	10.035	(0.896)	265145	20.0000	18
	94 trans-1,4-Dichloro-2-butene	53	10.096	10.096	(0.901)	26886	20.0000	19
	98 4-Chlorotoluene	91	10.139	10.139	(0.905)	249873	20.0000	19
	100 tert-Butylbenzene	119	10.517	10.517	(0.939)	214478	20.0000	18
	99 Butyl Methacrylate	87	10.627	10.627	(0.948)	102750	20.0000	18
	101 1,2,4-Trimethylbenzene	105	10.645	10.645	(0.950)	287467	20.0000	19
	103 sec-Butylbenzene	105	10.810	10.810	(0.965)	316224	20.0000	18
	105 1,3-Dichlorobenzene	146	11.078	11.078	(0.989)	169540	20.0000	20
	107 p-Isopropyltoluene	119	11.084	11.084	(0.989)	278316	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	236925	50.0000	
	109 1,4-Dichlorobenzene	146	11.230	11.230	(1.002)	175473	20.0000	21
	171 Indan	117	11.480	11.480	(2.814)	319829	20.0000	23
	110 Benzyl Chloride	91	11.626	11.626	(1.038)	202905	20.0000	15
	106 n-Butylbenzene	91	11.700	11.700	(1.044)	260815	20.0000	18
	111 1,2-Dichlorobenzene	146	11.797	11.797	(1.053)	169182	20.0000	21
	112 1,2-Dibromo-3-chloropropane	75	12.742	12.742	(1.137)	16370	20.0000	18
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	122224	20.0000	21
	115 Hexachlorobutadiene	225	13.431	13.431	(1.199)	39960	20.0000	19

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62066.d
Report Date: 26-Sep-2012 09:19

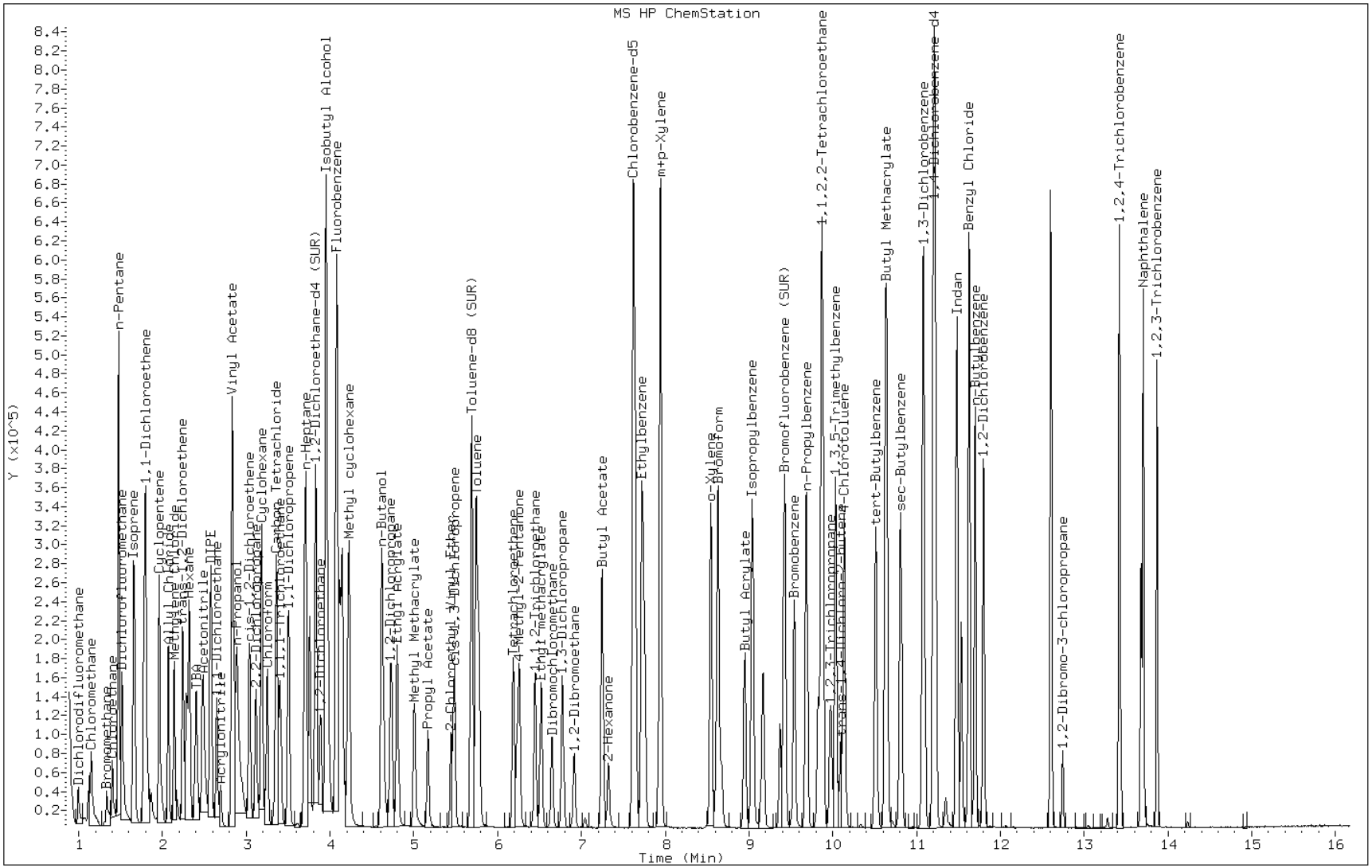
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	13.705	13.705	(1.223)	335493	20.0000	21
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	114772	20.0000	22
M 120 1,2-Dichloroethene (Total)	100				130891	40.0000	42
M 121 Xylene (Total)	100				357537	60.0000	59

Data File: p62066.d

Date: 26-SEP-2012 09:02

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab Sample ID: CCVIS 460-129463/2 Calibration Date: 09/26/2012 20:23

Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/11/2012 23:34

Lab File ID: p62092.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2701	0.2425		18.0	20.0	-10.2	50.0
Chloromethane	Ave	0.3517	0.2928	0.1000	16.7	20.0	-16.7	50.0
Vinyl chloride	Ave	0.3506	0.2868		16.4	20.0	-18.2	20.0
Bromomethane	QuaF	0.1332	0.0719		11.5	20.0	-42.3	50.0
Chloroethane	Ave	0.1491	0.2137		28.7	20.0	43.3	50.0
n-Pentane	Ave	0.0599	0.0604		40.3	40.0	0.7	50.0
Trichlorofluoromethane	Ave	0.4105	0.4875		23.8	20.0	18.8	50.0
Dichlorofluoromethane	Ave	0.5267	0.5443		20.7	20.0	3.3	50.0
Isopropene	Ave	0.4300	0.3801		17.7	20.0	-11.6	50.0
Ethyl ether	Ave	0.2658	0.2411		18.1	20.0	-9.3	50.0
Ethanol	Ave	0.0017	0.0019		3360	3000	12.0	50.0
1,1-Dichloroethene	Ave	0.2162	0.2065		19.1	20.0	-4.5	20.0
Carbon disulfide	Ave	0.9328	0.7857		16.8	20.0	-15.8	50.0
Freon TF	Ave	0.2726	0.2479		18.2	20.0	-9.1	50.0
Cyclopentene	Ave	0.8249	0.7034		17.1	20.0	-14.7	50.0
Acrolein	Ave	0.0602	0.0436		28.9	40.0	-27.7	99.0
Methylene Chloride	LinF	0.3084	0.2670		17.2	20.0	-14.1	50.0
Acetone	Ave	0.0310	0.0305		19.7	20.0	-1.6	50.0
trans-1,2-Dichloroethene	Ave	0.2854	0.2568		18.0	20.0	-10.0	50.0
Methyl acetate	LinF	0.0809	0.0636		16.4	20.0	-18.0	50.0
Hexane	Ave	0.0705	0.0564		16.0	20.0	-20.1	50.0
MTBE	Ave	0.9518	0.7793		16.4	20.0	-18.1	50.0
TBA	Ave	0.0360	0.0330		367	400	-8.2	50.0
Acetonitrile	LinF	0.0084	0.0071		348	400	-12.9	50.0
DIPE	Ave	1.054	0.8171		15.5	20.0	-22.5	50.0
1,1-Dichloroethane	Ave	0.5226	0.4768	0.1000	18.2	20.0	-8.8	50.0
Acrylonitrile	Ave	0.1271	0.1165		18.3	20.0	-8.4	50.0
Tert-butyl ethyl ether	Ave	0.9643	0.8072	0.0100	16.7	20.0	-16.3	50.0
Vinyl acetate	Ave	0.6572	0.5483		33.4	40.0	-16.6	50.0
cis-1,2-Dichloroethene	Ave	0.3038	0.3081		20.3	20.0	1.4	50.0
2,2-Dichloropropane	Ave	0.4212	0.3750		17.8	20.0	-11.0	50.0
Cyclohexane	Ave	0.5024	0.4386		17.5	20.0	-12.7	50.0
Bromochloromethane	Ave	0.1475	0.1491		20.2	20.0	1.1	50.0
Chloroform	Ave	0.4718	0.4633		19.6	20.0	-1.8	20.0
Carbon tetrachloride	Ave	0.3516	0.3210		18.3	20.0	-8.7	50.0
Ethyl acetate	Ave	0.0374	0.0323		34.6	40.0	-13.6	50.0
Tetrahydrofuran	Ave	0.1654	0.1568		19.0	20.0	-5.2	50.0
1,1,1-Trichloroethane	Ave	0.4154	0.4082		19.7	20.0	-1.7	50.0
1,1-Dichloropropene	Ave	0.4098	0.4021		19.6	20.0	-1.9	50.0
2-Butanone	Ave	0.0498	0.0538		21.6	20.0	8.1	50.0
n-Heptane	Ave	0.1841	0.1439		15.6	20.0	-21.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab Sample ID: CCVIS 460-129463/2 Calibration Date: 09/26/2012 20:23

Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/11/2012 23:34

Lab File ID: p62092.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	1.508	1.489		19.7	20.0	-1.3	50.0
Tert-amyl methyl ether	Ave	0.9053	0.7401		16.4	20.0	-18.2	50.0
1,2-Dichloroethane	Ave	0.3688	0.3712		20.1	20.0	0.6	50.0
Isobutyl alcohol	Ave	0.0163	0.0156		2870	3000	-4.3	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.0938	0.0770		32.8	40.0	-17.9	50.0
Isopropyl acetate	Ave	0.6190	0.5087		32.9	40.0	-17.8	50.0
Methylcyclohexane	Ave	0.4858	0.4223		17.4	20.0	-13.1	50.0
Trichloroethene	Ave	0.2921	0.2933		20.1	20.0	0.4	50.0
n-Butanol	Ave	0.0107	0.0094		1330	1500	-11.4	50.0
Dibromomethane	Ave	0.1792	0.1820		20.3	20.0	1.6	50.0
1,2-Dichloropropane	Ave	0.2990	0.2911		19.5	20.0	-2.7	20.0
Ethyl acrylate	Ave	0.4412	0.3578		16.2	20.0	-18.9	50.0
Bromodichloromethane	Ave	0.3785	0.3487		18.4	20.0	-7.9	50.0
Methyl methacrylate	Ave	0.0969	0.0816		16.8	20.0	-15.9	50.0
1,4-Dioxane	Ave	0.0046	0.0049		157	150	4.9	50.0
Propyl acetate	Ave	0.4967	0.3967		16.0	20.0	-20.1	50.0
2-Chloroethyl vinyl ether	Ave	0.1924	0.1794		18.6	20.0	-6.8	50.0
cis-1,3-Dichloropropene	Ave	0.6472	0.5515		17.0	20.0	-14.8	50.0
Toluene	Ave	1.675	1.587		19.0	20.0	-5.2	20.0
Epichlorohydrin	Ave	0.0449	0.0442		394	400	-1.5	50.0
Tetrachloroethene	Ave	0.3928	0.3943		20.1	20.0	0.4	50.0
4-Methyl-2-pentanone	Ave	0.4490	0.3506		15.6	20.0	-21.9	50.0
trans-1,3-Dichloropropene	Ave	0.6052	0.4872		16.1	20.0	-19.5	50.0
1,1,2-Trichloroethane	Ave	0.2973	0.2754		18.5	20.0	-7.4	50.0
Ethyl methacrylate	Ave	0.4672	0.3561		15.2	20.0	-23.8	50.0
Dibromochloromethane	Ave	0.3887	0.3382		17.4	20.0	-13.0	50.0
1,3-Dichloropropane	Ave	0.6206	0.5798		18.7	20.0	-6.6	50.0
1,2-Dibromoethane	Ave	0.3680	0.3509		19.1	20.0	-4.7	50.0
Butyl acetate	Ave	0.1312	0.0998		30.4	40.0	-23.9	50.0
2-Hexanone	Ave	0.3238	0.2789		17.2	20.0	-13.9	50.0
Chlorobenzene	Ave	1.102	1.087	0.3000	19.7	20.0	-1.3	50.0
Ethylbenzene	Ave	0.5994	0.5595		18.7	20.0	-6.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3859	0.3395		17.6	20.0	-12.0	50.0
m&p-Xylene	Ave	0.7341	0.6971		38.0	40.0	-5.1	50.0
o-Xylene	Ave	0.7165	0.6728		18.8	20.0	-6.1	50.0
Bromoform	Ave	0.2757	0.2310	0.1000	16.8	20.0	-16.2	50.0
Styrene	Ave	1.257	1.180		18.8	20.0	-6.1	50.0
Butyl acrylate	Ave	0.3522	0.2824		16.0	20.0	-19.8	50.0
Isopropylbenzene	Ave	1.869	1.819		19.5	20.0	-2.7	50.0
Monobromobenzene	Ave	0.8964	0.8515		19.0	20.0	-5.0	50.0
N-Propylbenzene	Ave	4.211	3.826		18.2	20.0	-9.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Lab Sample ID: CCVIS 460-129463/2 Calibration Date: 09/26/2012 20:23

Instrument ID: VOAMS13 Calib Start Date: 09/11/2012 21:33

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 09/11/2012 23:34

Lab File ID: p62092.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	0.9176	0.8361	0.3000	18.2	20.0	-8.9	50.0
2-Chlorotoluene	Ave	2.936	2.631		17.9	20.0	-10.4	50.0
1,2,3-Trichloropropane	Ave	0.2856	0.2585		18.1	20.0	-9.5	50.0
1,3,5-Trimethylbenzene	Ave	3.032	2.703		17.8	20.0	-10.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2985	0.2282		15.3	20.0	-23.5	50.0
4-Chlorotoluene	Ave	2.720	2.424		17.8	20.0	-10.9	50.0
tert-Butylbenzene	Ave	2.557	2.289		17.9	20.0	-10.5	50.0
Butyl Methacrylate	Ave	1.212	0.9073		15.0	20.0	-25.1	50.0
1,2,4-Trimethylbenzene	Ave	3.137	2.901		18.5	20.0	-7.5	50.0
sec-Butylbenzene	Ave	3.730	3.476		18.6	20.0	-6.8	50.0
1,3-Dichlorobenzene	Ave	1.738	1.676		19.3	20.0	-3.6	50.0
p-Isopropyltoluene	Ave	3.248	2.990		18.4	20.0	-8.0	50.0
1,4-Dichlorobenzene	Ave	1.782	1.738		19.5	20.0	-2.5	50.0
Indan	Ave	1.326	1.355		20.4	20.0	2.2	50.0
Benzyl chloride	Ave	2.821	1.909		13.5	20.0	-32.3	50.0
n-Butylbenzene	Ave	2.972	2.893		19.5	20.0	-2.7	50.0
1,2-Dichlorobenzene	Ave	1.697	1.655		19.5	20.0	-2.5	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1925	0.1504		15.6	20.0	-21.9	50.0
1,2,4-Trichlorobenzene	Ave	1.230	1.241		20.2	20.0	0.9	50.0
Hexachlorobutadiene	Ave	0.4427	0.4497		20.3	20.0	1.6	50.0
Naphthalene	Ave	3.312	3.206		19.4	20.0	-3.2	50.0
1,2,3-Trichlorobenzene	Ave	1.122	1.120		19.9	20.0	-0.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1635	0.1780		54.4	50.0	8.8	50.0
Toluene-d8 (Surr)	Ave	0.8003	0.7366		46.0	50.0	-8.0	50.0
Bromofluorobenzene	Ave	0.7623	0.5665		37.2	50.0	-25.7	50.0

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62092.d
Report Date: 26-Sep-2012 21:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62092.d
Lab Smp Id: CCVIS
Inj Date : 26-SEP-2012 20:23
Operator : Inst ID: VOAMS13.i
Smp Info : CCVIS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/8260_09.m
Meth Date : 26-Sep-2012 21:02 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	52174	20.0000	18
3 Chloromethane	50	1.122	1.122	(0.275)	63005	20.0000	17
4 Vinyl Chloride	62	1.153	1.153	(0.283)	61701	20.0000	16
6 Bromomethane	94	1.336	1.336	(0.327)	15479	20.0000	12
5 Chloroethane	64	1.403	1.403	(0.344)	45981	20.0000	29
8 n-Pentane	72	1.476	1.476	(0.362)	25971	40.0000	40
7 Trichlorofluoromethane	101	1.482	1.482	(0.363)	104886	20.0000	24
183 Dichlorofluoromethane	67	1.519	1.519	(0.372)	117101	20.0000	21
10 Isoprene	67	1.653	1.653	(0.405)	81782	20.0000	18
11 Ethyl Ether	59	1.671	1.671	(0.410)	51878	20.0000	18
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	44422	20.0000	19
9 Ethanol	46	1.769	1.769	(0.434)	60139	3000.00	3400
18 Carbon Disulfide	76	1.799	1.799	(0.441)	169059	20.0000	17
14 Freon TF	101	1.805	1.805	(0.443)	53334	20.0000	18
170 Cyclopentene	67	1.964	1.964	(0.481)	151338	20.0000	17
13 Acrolein	56	1.988	1.988	(0.487)	18741	40.0000	29

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62092.d
Report Date: 26-Sep-2012 21:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	29830	20.0000	17
	22 Methylene Chloride	84	2.140	2.140	(0.525)	57457	20.0000	17
	16 Acetone	58	2.177	2.177	(0.534)	6564	20.0000	20
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	55255	20.0000	18
	27 Methyl Acetate	74	2.256	2.256	(0.553)	13674	20.0000	16
	29 Hexane	86	2.287	2.287	(0.561)	12128	20.0000	16
	28 MTBE	73	2.317	2.317	(0.568)	167676	20.0000	16
	24 TBA	59	2.396	2.396	(0.588)	142181	400.000	370
	21 Acetonitrile	39	2.482	2.482	(0.608)	30617	400.000	350
	32 DIPE	45	2.573	2.573	(0.631)	175809	20.0000	16
	31 Vinyl Acetate	43	2.835	2.835	(0.695)	235963	40.0000	33
	30 1,1-Dichloroethane	63	2.646	2.646	(0.649)	102585	20.0000	18
	26 Acrylonitrile	53	2.689	2.689	(0.659)	25063	20.0000	18
	35 t-Butyl-ethyl-ether	59	2.829	2.829	(0.694)	173671	20.0000	17
	34 n-Propanol	42	2.884	2.884	(0.707)	74817	3000.00	3300
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	66281	20.0000	20
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	80693	20.0000	18
	44 Cyclohexane	56	3.183	3.183	(0.780)	94360	20.0000	17
	40 Bromochloromethane	128	3.189	3.189	(0.782)	32084	20.0000	20
	42 Chloroform	83	3.250	3.250	(0.797)	99678	20.0000	20
	45 Carbon Tetrachloride	117	3.347	3.347	(0.821)	69070	20.0000	18
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	13912	40.0000	34
	41 Tetrahydrofuran	42	3.366	3.366	(0.825)	33730	20.0000	19
	43 1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	87827	20.0000	20
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	86515	20.0000	20
	38 2-Butanone	72	3.506	3.506	(0.860)	11572	20.0000	22
	51 n-Heptane	57	3.695	3.695	(0.906)	30959	20.0000	16
	48 Benzene	78	3.707	3.707	(0.486)	249975	20.0000	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	95730	50.0000	54
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	159243	20.0000	16
	49 1,2-Dichloroethane	62	3.884	3.884	(0.952)	79865	20.0000	20
	181 Isobutyl Alcohol	43	3.951	3.951	(0.969)	502233	3000.00	2900
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	537904	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	218902	40.0000	33
	56 Methyl cyclohexane	83	4.213	4.213	(1.033)	90859	20.0000	17
	54 Trichloroethene	95	4.231	4.231	(1.037)	63111	20.0000	20
	166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	33140	40.0000	33
	53 n-Butanol	56	4.616	4.616	(1.132)	152362	1500.00	1300
	58 Dibromomethane	93	4.622	4.622	(1.133)	39167	20.0000	20
	57 1,2-Dichloropropane	63	4.731	4.731	(1.160)	62633	20.0000	19
	55 Ethyl Acrylate	55	4.798	4.798	(1.176)	76986	20.0000	16
	68 Bromodichloromethane	83	4.805	4.805	(1.178)	75030	20.0000	18
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	17550	20.0000	17
	60 1,4-Dioxane	88	5.042	5.042	(1.236)	7857	150.000	160
	75 Propyl Acetate	43	5.170	5.170	(1.268)	85353	20.0000	16
	62 2-Chloroethyl Vinyl Ether	63	5.445	5.445	(1.335)	38596	20.0000	19
	67 cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	92559	20.0000	17

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62092.d
Report Date: 26-Sep-2012 21:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	65 Toluene-d8 (SUR)	98	5.688	5.688	(0.746)	309117	50.0000	46
	66 Toluene	91	5.743	5.743	(0.754)	266432	20.0000	19
	63 Epichlorohydrin	57	5.774	5.774	(0.758)	148353	400.000	390
	71 Tetrachloroethene	166	6.188	6.188	(0.812)	66184	20.0000	20
	70 4-Methyl-2-Pentanone	43	6.237	6.237	(0.818)	58852	20.0000	16
	64 trans-1,3-Dichloropropene	75	6.262	6.262	(0.822)	81765	20.0000	16
	69 1,1,2-Trichloroethane	83	6.444	6.444	(0.846)	46226	20.0000	18
	175 Ethyl methacrylate	69	6.518	6.518	(1.598)	76623	20.0000	15
	74 Dibromochloromethane	129	6.646	6.646	(0.872)	56759	20.0000	17
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	97309	20.0000	19
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	58889	20.0000	19
	76 Butyl Acetate	73	7.249	7.249	(0.951)	33495	40.0000	30
	73 2-Hexanone	43	7.322	7.322	(0.961)	46811	20.0000	17
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	419612	50.0000	
	79 Chlorobenzene	112	7.639	7.639	(1.002)	182446	20.0000	20
	81 Ethylbenzene	106	7.725	7.725	(1.014)	93911	20.0000	19
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	56983	20.0000	18
	82 m+p-Xylene	106	7.944	7.944	(1.042)	233991	40.0000	38
	84 o-Xylene	106	8.548	8.548	(1.122)	112918	20.0000	19
	86 Bromoform	173	8.609	8.609	(1.130)	38776	20.0000	17
	85 Styrene	104	8.633	8.633	(1.133)	198110	20.0000	19
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	47401	20.0000	16
	88 Isopropylbenzene	105	9.041	9.041	(1.186)	305309	20.0000	19
$	89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	138236	50.0000	37
	91 Bromobenzene	156	9.541	9.541	(0.851)	83101	20.0000	19
	95 n-Propylbenzene	91	9.688	9.688	(0.865)	373432	20.0000	18
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	81598	20.0000	18
	96 2-Chlorotoluene	91	9.864	9.864	(0.880)	256811	20.0000	18
	93 1,2,3-Trichloropropane	110	9.974	9.974	(0.890)	25231	20.0000	18
	97 1,3,5-Trimethylbenzene	105	10.035	10.035	(0.896)	263782	20.0000	18
	94 trans-1,4-Dichloro-2-butene	53	10.096	10.096	(0.901)	22271	20.0000	15
	98 4-Chlorotoluene	91	10.139	10.139	(0.905)	236601	20.0000	18
	100 tert-Butylbenzene	119	10.517	10.517	(0.939)	223407	20.0000	18
	99 Butyl Methacrylate	87	10.627	10.627	(0.948)	88551	20.0000	15
	101 1,2,4-Trimethylbenzene	105	10.645	10.645	(0.950)	283152	20.0000	18
	103 sec-Butylbenzene	105	10.809	10.809	(0.965)	339225	20.0000	19
	105 1,3-Dichlorobenzene	146	11.078	11.078	(0.989)	163579	20.0000	19
	107 p-Isopropyltoluene	119	11.090	11.090	(0.990)	291780	20.0000	18
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	243993	50.0000	
	109 1,4-Dichlorobenzene	146	11.230	11.230	(1.002)	169654	20.0000	20
	171 Indan	117	11.480	11.480	(2.814)	291450	20.0000	20
	110 Benzyl Chloride	91	11.626	11.626	(1.038)	186337	20.0000	14
	106 n-Butylbenzene	91	11.700	11.700	(1.044)	282319	20.0000	19
	111 1,2-Dichlorobenzene	146	11.797	11.797	(1.053)	161505	20.0000	19
	112 1,2-Dibromo-3-chloropropane	75	12.742	12.742	(1.137)	14675	20.0000	16
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	121113	20.0000	20
	115 Hexachlorobutadiene	225	13.431	13.431	(1.199)	43886	20.0000	20

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62092.d
Report Date: 26-Sep-2012 21:02

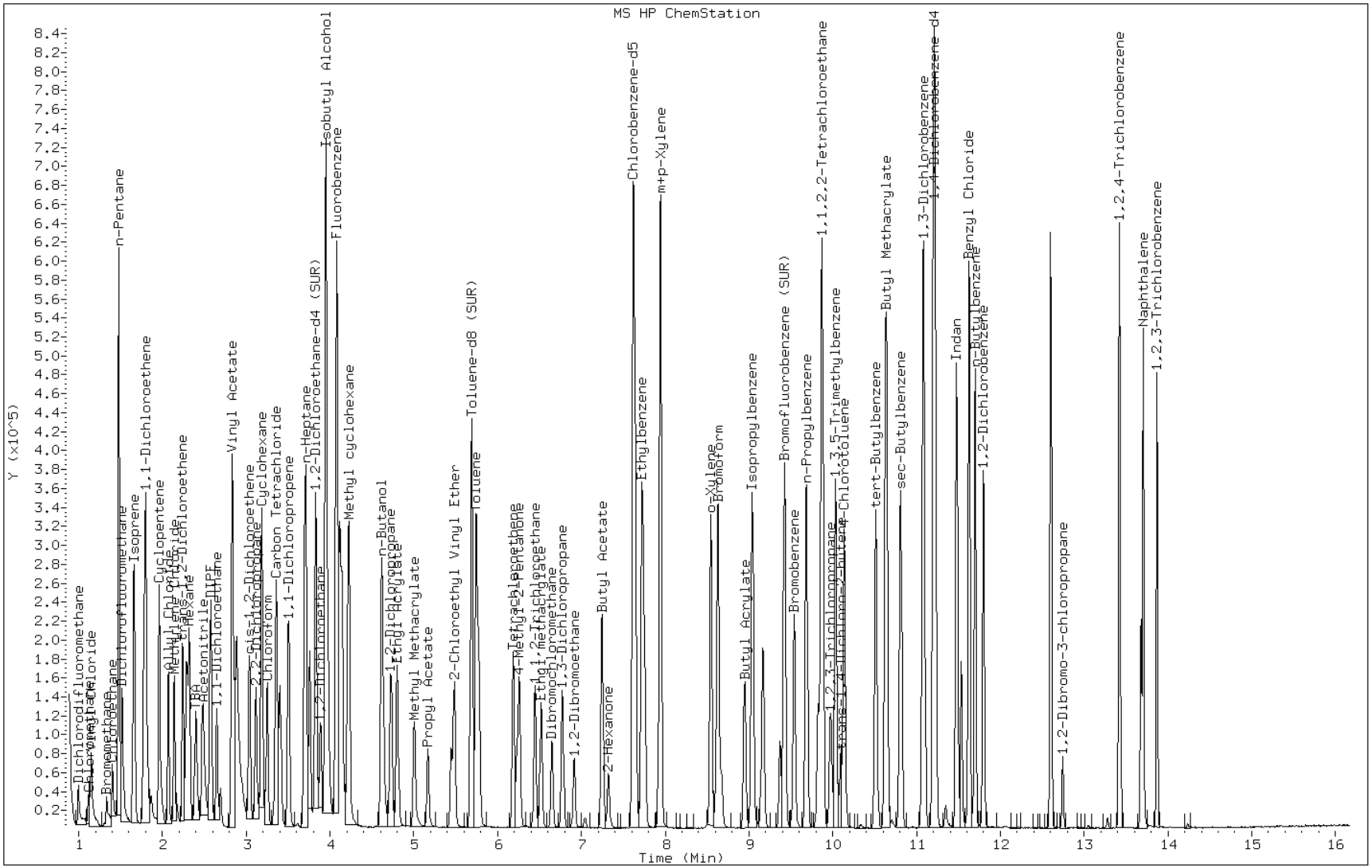
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
116 Naphthalene	128	13.705	13.705	(1.223)	312883	20.0000	19
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	109262	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				121536	40.0000	38
M 121 Xylene (Total)	100				346910	60.0000	57

Data File: p62092.d

Date: 26-SEP-2012 20:23

Client ID: Instrument: VOAMS13.i

Sample Info: CCVIS Operator:



Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61352.d
Report Date: 11-Sep-2012 19:45

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61352.d
Lab Smp Id: BFB
Inj Date : 11-SEP-2012 19:36
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

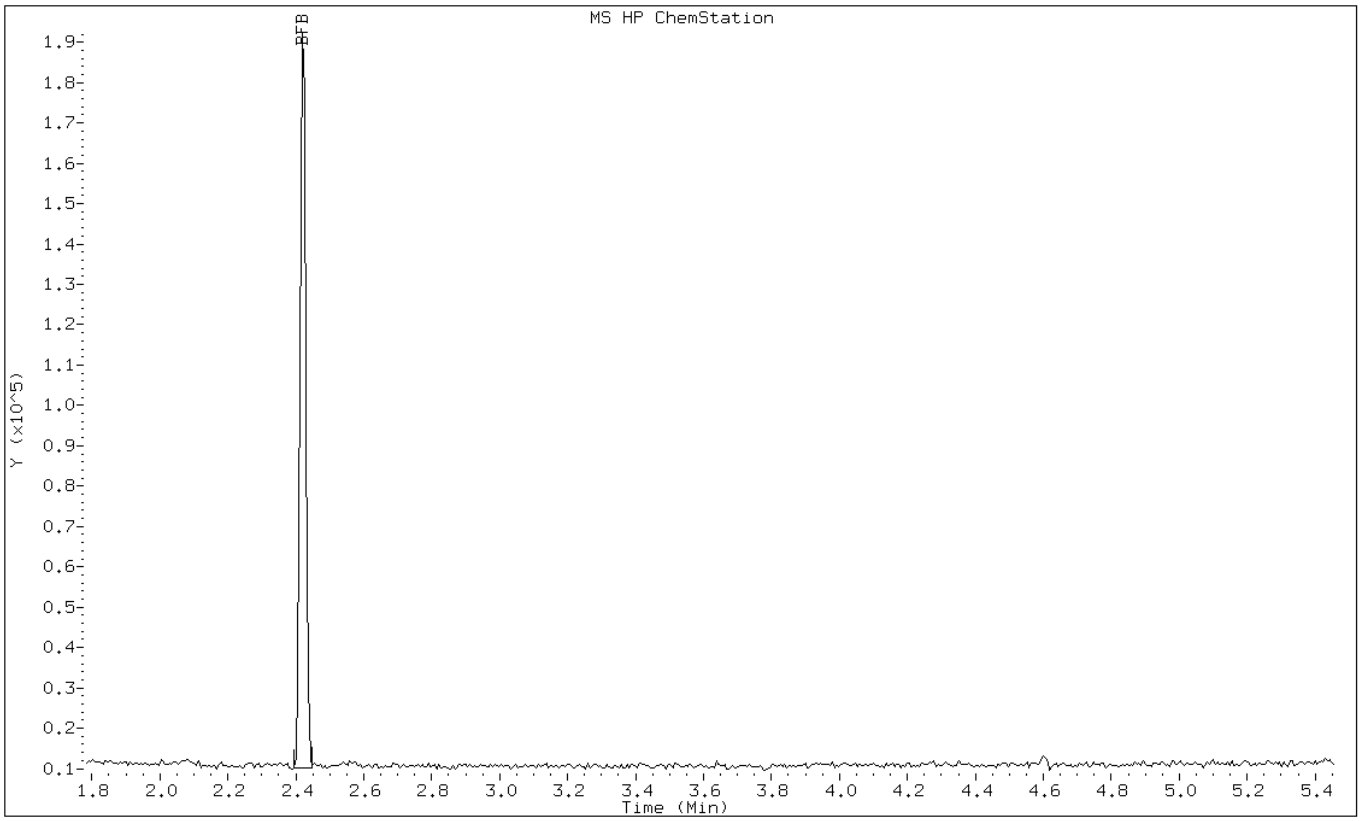
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.419	2.300 (0.000)	95	33199			0.00- 100.00	100.00
2.419	2.300 (0.000)	50	6104			15.00- 40.00	18.39
2.419	2.300 (0.000)	75	15143			30.00- 60.00	45.61
2.419	2.300 (0.000)	96	2183			5.00- 9.00	6.58
2.419	2.300 (0.000)	173	0			0.00- 2.00	0.00
2.419	2.300 (0.000)	174	24373			50.00- 100.00	73.41
2.419	2.300 (0.000)	175	1826			5.00- 9.00	7.49
2.419	2.300 (0.000)	176	23626			95.00- 101.00	96.94
2.419	2.300 (0.000)	177	1540			5.00- 9.00	6.52

Data File: p61352.d

Date: 11-SEP-2012 19:36

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



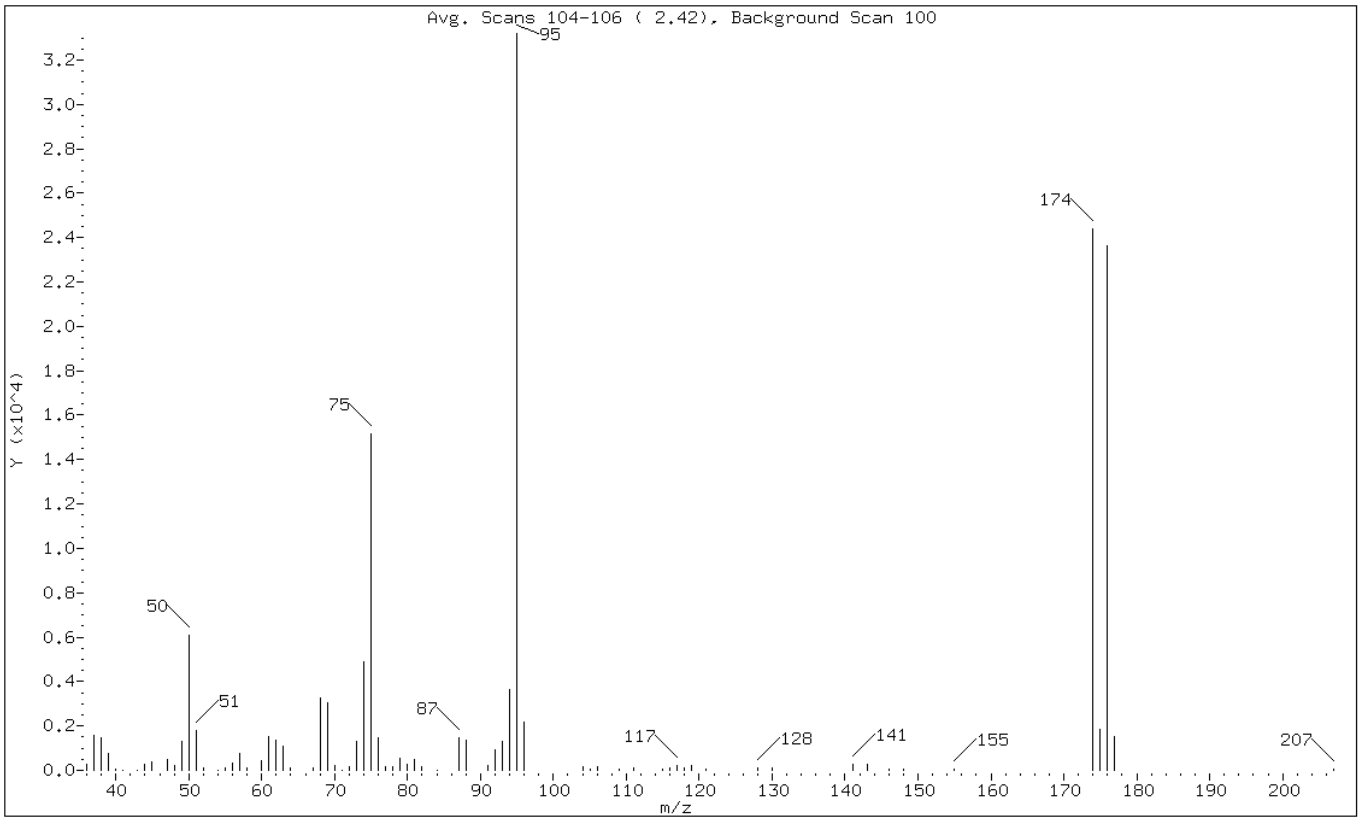
Data File: p61352.d

Date: 11-SEP-2012 19:36

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.39
75	30.00 - 60.00% of mass 95	45.61
96	5.00 - 9.00% of mass 95	6.58
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	73.41
175	5.00 - 9.00% of mass 174	5.50 (7.49)
176	95.00 - 101.00% of mass 174	71.16 (96.94)
177	5.00 - 9.00% of mass 176	4.64 (6.52)

Data File: p61352.d

Date: 11-SEP-2012 19:36

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b/p61352.d
Spectrum: Avg. Scans 104-106 (2.42), Background Scan 100
Location of Maximum: 95.00
Number of points: 73

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	287	58.00	82	80.00	257	117.00	241
37.00	1601	60.00	419	81.00	509	118.00	119
38.00	1451	61.00	1522	82.00	139	119.00	191
39.00	734	62.00	1343	84.00	11	121.00	35
40.00	42	63.00	1084	87.00	1440	128.00	95
41.00	1	64.00	94	88.00	1352	130.00	90
43.00	12	67.00	131	91.00	215	141.00	285
44.00	291	68.00	3271	92.00	933	143.00	261
45.00	369	69.00	3022	93.00	1328	146.00	39
47.00	464	70.00	230	94.00	3655	148.00	37
48.00	196	71.00	20	95.00	33192	155.00	44
49.00	1290	72.00	177	96.00	2183	174.00	24368
50.00	6104	73.00	1321	104.00	149	175.00	1826
51.00	1768	74.00	4874	105.00	45	176.00	23624
52.00	119	75.00	15143	106.00	140	177.00	1540
54.00	7	76.00	1467	109.00	56	207.00	52
55.00	101	77.00	178	111.00	83		
56.00	329	78.00	184	115.00	39		
57.00	749	79.00	560	116.00	100		

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62064.d
Report Date: 26-Sep-2012 08:19

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62064.d
Lab Smp Id: BFB
Inj Date : 26-SEP-2012 08:13
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

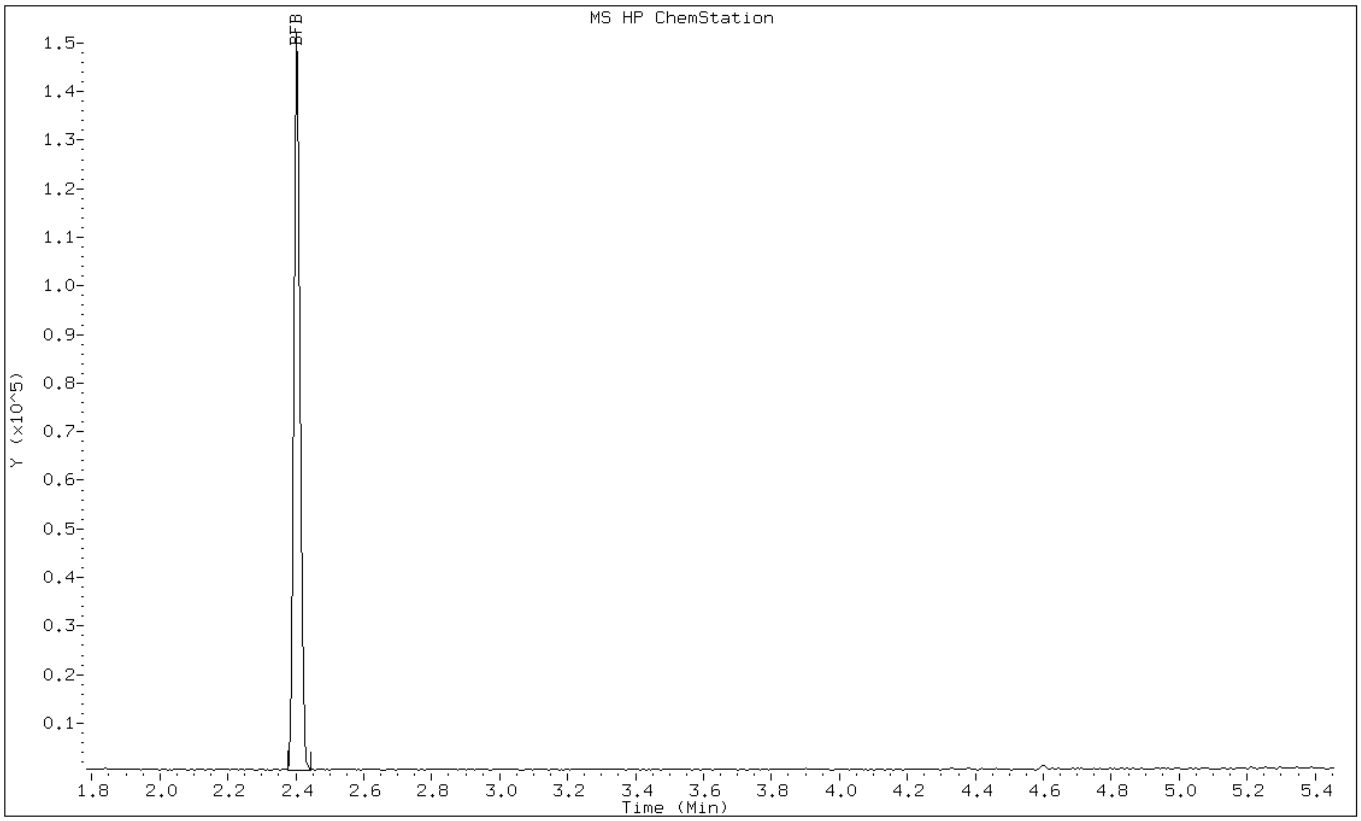
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.400	2.300 (0.000)	95	26869			0.00- 100.00	100.00
2.400	2.300 (0.000)	50	4864			15.00- 40.00	18.10
2.400	2.300 (0.000)	75	13307			30.00- 60.00	49.53
2.400	2.300 (0.000)	96	1888			5.00- 9.00	7.03
2.400	2.300 (0.000)	173	283			0.00- 2.00	1.30
2.400	2.300 (0.000)	174	21743			50.00- 100.00	80.92
2.400	2.300 (0.000)	175	1673			5.00- 9.00	7.69
2.400	2.300 (0.000)	176	20983			95.00- 101.00	96.50
2.400	2.300 (0.000)	177	1385			5.00- 9.00	6.60

Data File: p62064.d

Date: 26-SEP-2012 08:13

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



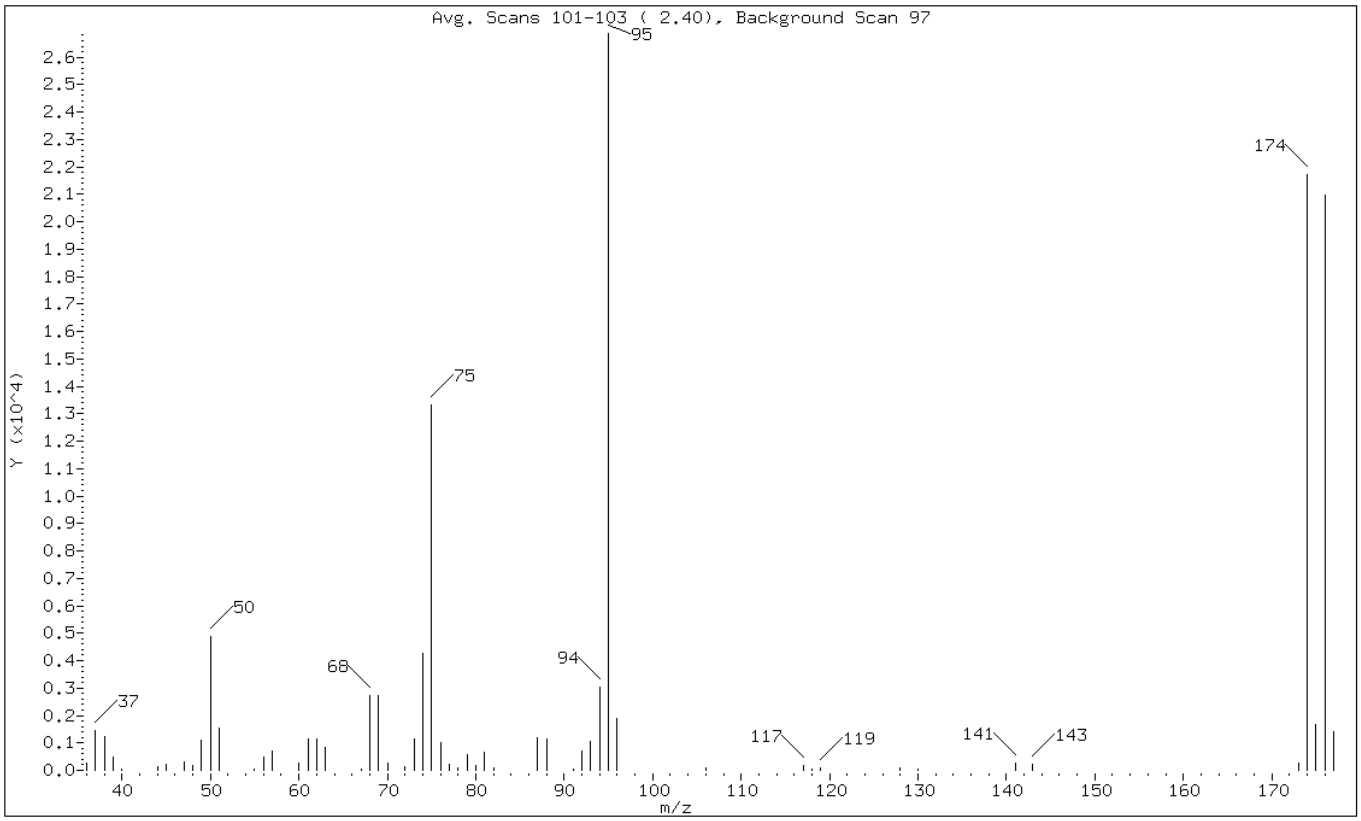
Data File: p62064.d

Date: 26-SEP-2012 08:13

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.10
75	30.00 - 60.00% of mass 95	49.53
96	5.00 - 9.00% of mass 95	7.03
173	Less than 2.00% of mass 174	1.05 (1.30)
174	50.00 - 100.00% of mass 95	80.92
175	5.00 - 9.00% of mass 174	6.23 (7.69)
176	95.00 - 101.00% of mass 174	78.09 (96.50)
177	5.00 - 9.00% of mass 176	5.15 (6.60)

Data File: p62064.d

Date: 26-SEP-2012 08:13

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62064.d
Spectrum: Avg. Scans 101-103 (2.40), Background Scan 97
Location of Maximum: 95.00
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	242	57.00	711	77.00	230	106.00	86
37.00	1457	60.00	252	78.00	96	117.00	165
38.00	1211	61.00	1132	79.00	560	118.00	41
39.00	491	62.00	1153	80.00	182	119.00	88
40.00	41	63.00	848	81.00	652	128.00	79
44.00	124	67.00	39	82.00	72	130.00	41
45.00	241	68.00	2727	87.00	1203	141.00	262
47.00	312	69.00	2711	88.00	1133	143.00	231
48.00	160	70.00	243	91.00	46	173.00	283
49.00	1094	72.00	142	92.00	697	174.00	21736
50.00	4864	73.00	1129	93.00	1036	175.00	1673
51.00	1552	74.00	4286	94.00	3050	176.00	20976
55.00	44	75.00	13307	95.00	26864	177.00	1385
56.00	463	76.00	1021	96.00	1888		

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62090.d
Report Date: 26-Sep-2012 19:39

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62090.d
Lab Smp Id: BFB
Inj Date : 26-SEP-2012 19:33
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/VOABFB.m
Meth Date : 19-Oct-2011 19:35 ken Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd2

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

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

Cpnd Variable Local Compound Variable

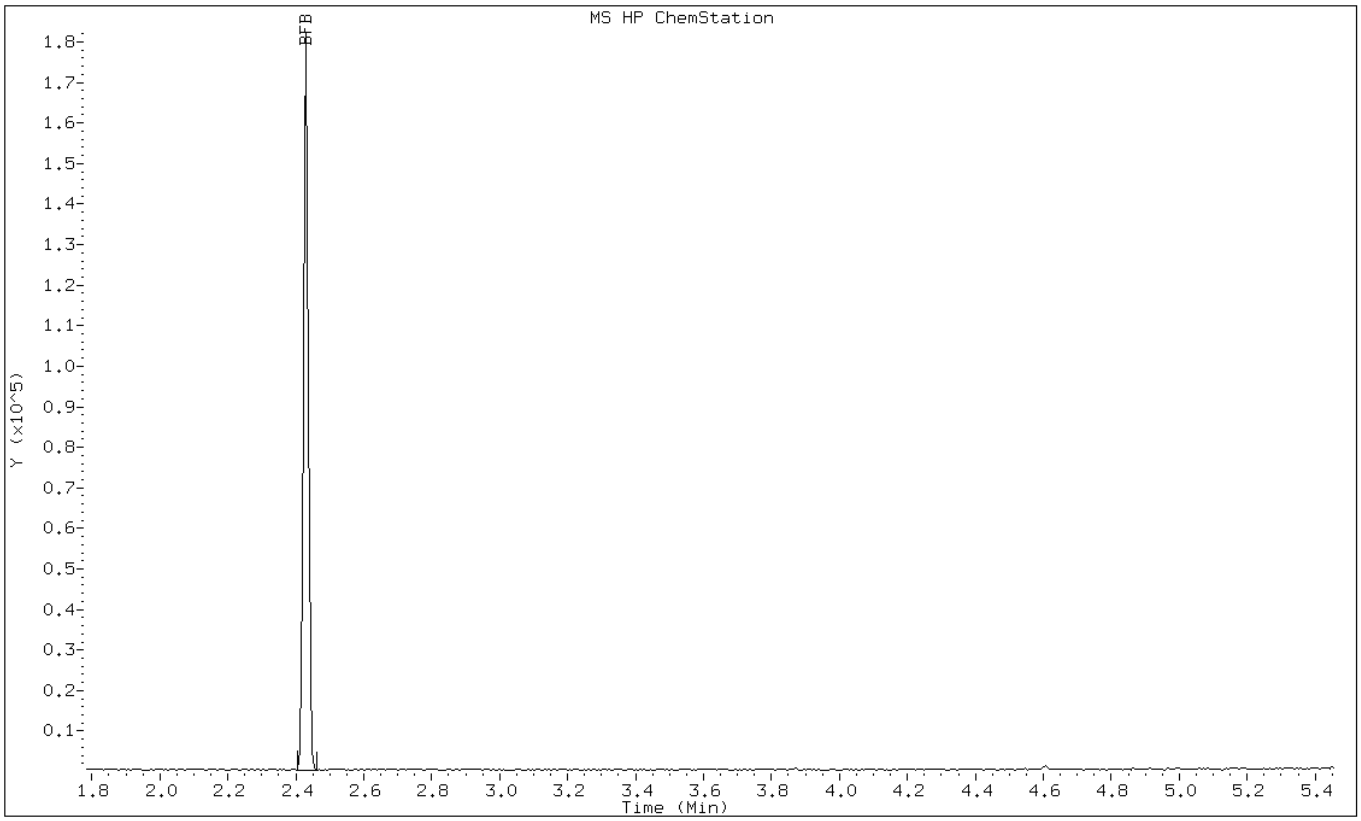
RT	EXP RT (REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.431	2.300 (0.000)	95	29682			0.00- 100.00	100.00
2.431	2.300 (0.000)	50	5395			15.00- 40.00	18.18
2.431	2.300 (0.000)	75	13927			30.00- 60.00	46.92
2.431	2.300 (0.000)	96	2184			5.00- 9.00	7.36
2.431	2.300 (0.000)	173	0			0.00- 2.00	0.00
2.431	2.300 (0.000)	174	25554			50.00- 100.00	86.09
2.431	2.300 (0.000)	175	2033			5.00- 9.00	7.96
2.431	2.300 (0.000)	176	24714			95.00- 101.00	96.71
2.431	2.300 (0.000)	177	1648			5.00- 9.00	6.67

Data File: p62090.d

Date: 26-SEP-2012 19:33

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1



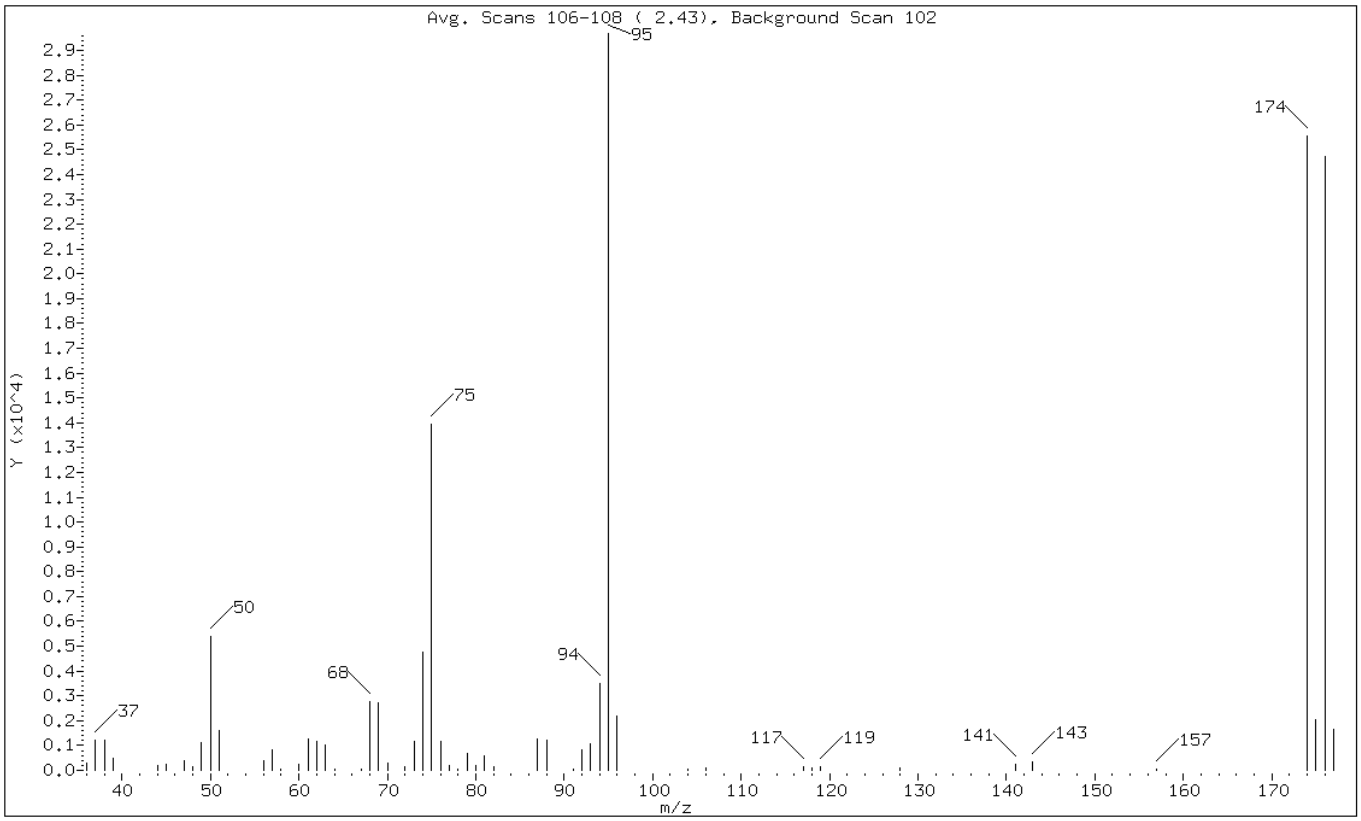
Data File: p62090.d

Date: 26-SEP-2012 19:33

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.18
75	30.00 - 60.00% of mass 95	46.92
96	5.00 - 9.00% of mass 95	7.36
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	86.09
175	5.00 - 9.00% of mass 174	6.85 (7.96)
176	95.00 - 101.00% of mass 174	83.26 (96.71)
177	5.00 - 9.00% of mass 176	5.55 (6.67)

Data File: p62090.d

Date: 26-SEP-2012 19:33

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62090.d
Spectrum: Avg. Scans 106-108 (2.43), Background Scan 102
Location of Maximum: 95.00
Number of points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	298	60.00	229	77.00	187	104.00	45
37.00	1235	61.00	1266	78.00	54	106.00	91
38.00	1207	62.00	1160	79.00	700	117.00	137
39.00	471	63.00	1044	80.00	201	118.00	81
44.00	185	64.00	49	81.00	594	119.00	138
45.00	261	67.00	36	82.00	134	128.00	73
47.00	368	68.00	2790	87.00	1285	141.00	257
48.00	135	69.00	2742	88.00	1216	143.00	316
49.00	1107	70.00	291	91.00	35	157.00	37
50.00	5395	72.00	143	92.00	815	174.00	25552
51.00	1617	73.00	1165	93.00	1071	175.00	2033
56.00	412	74.00	4772	94.00	3517	176.00	24712
57.00	811	75.00	13927	95.00	29680	177.00	1648
58.00	37	76.00	1148	96.00	2184		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-129391/4

Matrix: Water Lab File ID: p62069.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2012 10:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129391 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-129391/4

Matrix: Water Lab File ID: p62069.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2012 10:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129391 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-130
2037-26-5	Toluene-d8 (Surr)	88		70-130
460-00-4	Bromofluorobenzene	75		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62069.d
Report Date: 26-Sep-2012 12:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62069.d
Lab Smp Id: MB
Inj Date : 26-SEP-2012 10:29
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/8260_09.m
Meth Date : 26-Sep-2012 09:19 desais Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

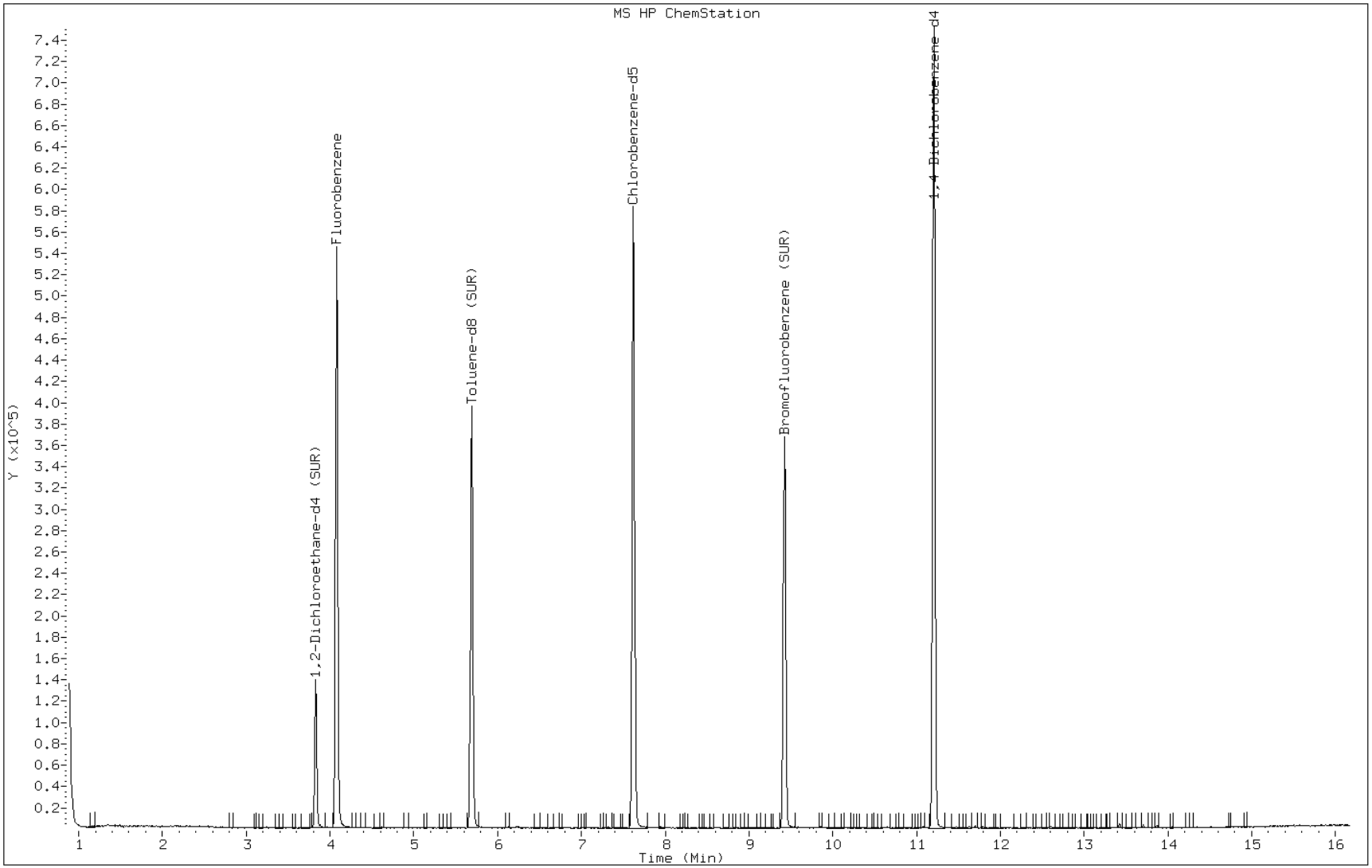
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	89380	56.3919	56
* 52 Fluorobenzene	96	4.079	4.079	(1.000)	484733	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	284885	44.2220	44
* 78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	402499	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.426	9.420	(0.841)	134595	37.5352	38
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	235207	50.0000	

Data File: p62069.d

Date: 26-SEP-2012 10:29

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-129463/3

Matrix: Water Lab File ID: p62096.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2012 22:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129463 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.10
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-01-4	Vinyl chloride	1.0	U	1.0	0.14
75-00-3	Chloroethane	1.0	U	1.0	0.17
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
76-13-1	Freon TF	1.0	U	1.0	0.080
75-09-2	Methylene Chloride	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	2.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.13
79-20-9	Methyl acetate	2.0	U	2.0	0.34
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.090
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.13
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.13
1634-04-4	MTBE	1.0	U	1.0	0.14
67-66-3	Chloroform	1.0	U	1.0	0.080
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.19
78-93-3	2-Butanone	5.0	U	5.0	2.3
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.060
110-82-7	Cyclohexane	1.0	U	1.0	0.16
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.060
75-27-4	Bromodichloromethane	1.0	U	1.0	0.12
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
79-01-6	Trichloroethene	1.0	U	1.0	0.090
108-87-2	Methylcyclohexane	1.0	U	1.0	0.14
124-48-1	Dibromochloromethane	1.0	U	1.0	0.20
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.24
75-25-2	Bromoform	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.080
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	0.99
591-78-6	2-Hexanone	5.0	U	5.0	0.50
127-18-4	Tetrachloroethene	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-129463/3

Matrix: Water Lab File ID: p62096.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/26/2012 22:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129463 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	1.0	U	1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.16
108-90-7	Chlorobenzene	1.0	U	1.0	0.11
100-41-4	Ethylbenzene	1.0	U	1.0	0.10
1330-20-7	Xylenes, Total	3.0	U	3.0	0.36
100-42-5	Styrene	1.0	U	1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.40
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.14
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.34
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-130
2037-26-5	Toluene-d8 (Surr)	89		70-130
460-00-4	Bromofluorobenzene	75		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62096.d
Report Date: 27-Sep-2012 07:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62096.d
Lab Smp Id: MB
Inj Date : 26-SEP-2012 22:03
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/8260_09.m
Meth Date : 26-Sep-2012 21:02 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

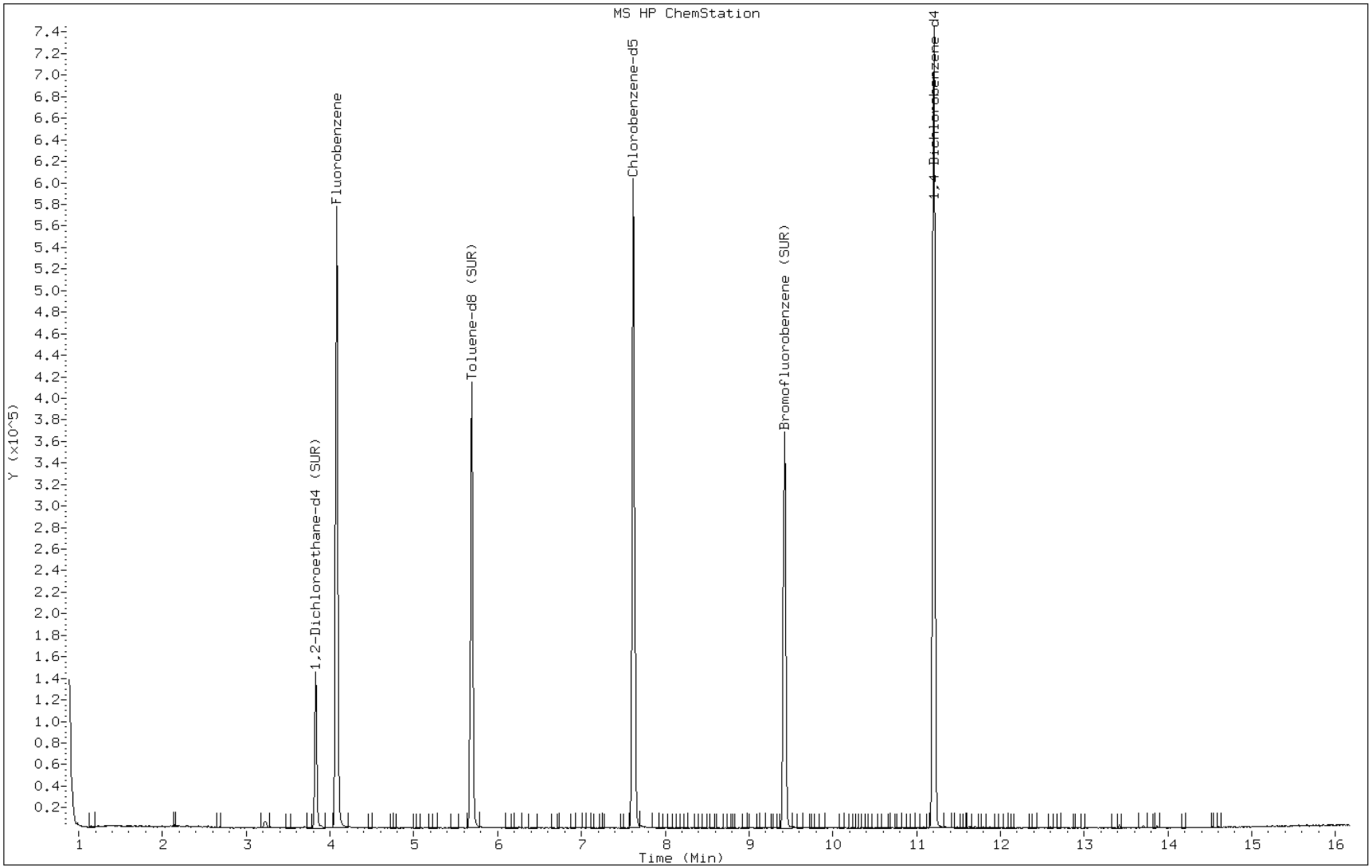
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	92562	55.7733	56
* 52 Fluorobenzene	96	4.079	4.079	(1.000)	507558	50.0000	
$ 65 Toluene-d8 (SUR)	98	5.688	5.688	(0.746)	293566	44.2929	44
* 78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	414100	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	135100	37.6074	38
* 108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	235636	50.0000	

Data File: p62096.d

Date: 26-SEP-2012 22:03

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-129391/3

Matrix: Water | Lab File ID: p62067.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/26/2012 09:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129391 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	17.3		1.0	0.22
74-87-3	Chloromethane	15.9		1.0	0.10
74-83-9	Bromomethane	13.7		1.0	0.18
75-01-4	Vinyl chloride	15.6		1.0	0.14
75-00-3	Chloroethane	28.4		1.0	0.17
75-69-4	Trichlorofluoromethane	22.0		1.0	0.15
76-13-1	Freon TF	19.2		1.0	0.080
75-09-2	Methylene Chloride	19.5		1.0	0.18
67-64-1	Acetone	23.0		5.0	2.7
75-15-0	Carbon disulfide	17.7		1.0	0.13
79-20-9	Methyl acetate	15.5		2.0	0.34
75-35-4	1,1-Dichloroethene	22.3		1.0	0.090
75-34-3	1,1-Dichloroethane	20.1		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	22.6		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	20.5		1.0	0.13
1634-04-4	MTBE	18.1		1.0	0.14
67-66-3	Chloroform	22.0		1.0	0.080
107-06-2	1,2-Dichloroethane	22.3		1.0	0.19
78-93-3	2-Butanone	22.7		5.0	2.3
71-55-6	1,1,1-Trichloroethane	21.5		1.0	0.060
110-82-7	Cyclohexane	19.7		1.0	0.16
56-23-5	Carbon tetrachloride	19.5		1.0	0.060
75-27-4	Bromodichloromethane	20.8		1.0	0.12
78-87-5	1,2-Dichloropropane	21.5		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	18.5		1.0	0.18
79-01-6	Trichloroethene	22.5		1.0	0.090
108-87-2	Methylcyclohexane	19.8		1.0	0.14
124-48-1	Dibromochloromethane	19.4		1.0	0.20
79-00-5	1,1,2-Trichloroethane	20.9		1.0	0.19
71-43-2	Benzene	21.7		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	17.9		1.0	0.24
75-25-2	Bromoform	18.2		1.0	0.19
98-82-8	Isopropylbenzene	21.1		1.0	0.080
108-10-1	4-Methyl-2-pentanone	18.0		5.0	0.99
591-78-6	2-Hexanone	18.2		5.0	0.50
127-18-4	Tetrachloroethene	22.1		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-129391/3

Matrix: Water | Lab File ID: p62067.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/26/2012 09:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129391 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	21.0		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.16
108-90-7	Chlorobenzene	21.8		1.0	0.11
100-41-4	Ethylbenzene	20.5		1.0	0.10
1330-20-7	Xylenes, Total	62.6		3.0	0.36
100-42-5	Styrene	20.7		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	18.8		1.0	0.40
541-73-1	1,3-Dichlorobenzene	21.7		1.0	0.14
106-46-7	1,4-Dichlorobenzene	21.7		1.0	0.23
95-50-1	1,2-Dichlorobenzene	21.7		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	22.4		1.0	0.34
106-93-4	1,2-Dibromoethane	21.4		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	119		70-130
2037-26-5	Toluene-d8 (Surr)	100		70-130
460-00-4	Bromofluorobenzene	81		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62067.d
Report Date: 26-Sep-2012 10:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62067.d
Lab Smp Id: LCS
Inj Date : 26-SEP-2012 09:33
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/8260_09.m
Meth Date : 26-Sep-2012 09:19 desais Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	46957	17.3105	17
3 Chloromethane	50	1.122	1.128	(0.275)	56010	15.8589	16
4 Vinyl Chloride	62	1.153	1.153	(0.283)	54978	15.6171	16
6 Bromomethane	94	1.336	1.336	(0.327)	17129	13.6774	14
5 Chloroethane	64	1.403	1.403	(0.344)	42497	28.3798	28
8 n-Pentane	72	1.476	1.476	(0.362)	22867	38.0107	38
7 Trichlorofluoromethane	101	1.482	1.476	(0.363)	90807	22.0291	22
183 Dichlorofluoromethane	67	1.519	1.519	(0.372)	117404	22.1982	22
10 Isoprene	67	1.659	1.653	(0.407)	87052	20.1585	20
11 Ethyl Ether	59	1.671	1.671	(0.410)	51686	19.3635	19
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	48401	22.2946	22
9 Ethanol	46	1.769	1.775	(0.434)	59187	3542.85	3500(R)
18 Carbon Disulfide	76	1.799	1.799	(0.441)	165647	17.6836	18
14 Freon TF	101	1.805	1.805	(0.443)	52558	19.2000	19
170 Cyclopentene	67	1.964	1.958	(0.481)	153588	18.5417	18
13 Acrolein	56	1.988	1.988	(0.487)	26121	43.1761	43

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62067.d
Report Date: 26-Sep-2012 10:22

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
	==========	====	==	======	======	========	=======	=======
20	Allyl Chloride	76	2.073	2.073	(0.508)	31944	19.5583	20
22	Methylene Chloride	84	2.140	2.140	(0.525)	60922	19.5129	20
16	Acetone	58	2.177	2.177	(0.534)	7148	22.9570	23
25	trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	58629	20.4555	20
27	Methyl Acetate	74	2.256	2.256	(0.553)	12066	15.5015	16
29	Hexane	86	2.293	2.287	(0.562)	12435	17.5562	18
28	MTBE	73	2.317	2.317	(0.568)	173095	18.1097	18
24	TBA	59	2.397	2.403	(0.588)	148310	410.179	410
21	Acetonitrile	39	2.482	2.482	(0.608)	32078	391.038	390
32	DIPE	45	2.573	2.573	(0.631)	178782	16.8908	17
31	Vinyl Acetate	43	2.835	2.835	(0.695)	264143	40.0220	40
30	1,1-Dichloroethane	63	2.653	2.653	(0.650)	105310	20.0687	20
26	Acrylonitrile	53	2.689	2.695	(0.659)	29924	23.4433	23
35	t-Butyl-ethyl-ether	59	2.829	2.829	(0.694)	182556	18.8523	19
34	n-Propanol	42	2.884	2.890	(0.707)	70791	3382.94	3400
36	cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	68874	22.5797	22
37	2,2-Dichloropropane	77	3.116	3.116	(0.764)	78462	18.5518	18
44	Cyclohexane	56	3.183	3.183	(0.780)	99545	19.7314	20
40	Bromochloromethane	128	3.189	3.189	(0.782)	33951	22.9249	23
42	Chloroform	83	3.250	3.250	(0.797)	104432	22.0422	22
45	Carbon Tetrachloride	117	3.348	3.348	(0.821)	68971	19.5362	20
39	Ethyl Acetate	70	3.360	3.360	(0.824)	15304	40.7455	41
41	Tetrahydrofuran	42	3.372	3.372	(0.827)	34925	21.0296	21
43	1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	89745	21.5150	22
46	1,1-Dichloropropene	75	3.506	3.506	(0.860)	83765	20.3568	20
38	2-Butanone	72	3.506	3.506	(0.860)	11353	22.7262	23
51	n-Heptane	57	3.695	3.695	(0.906)	33454	18.1009	18
48	Benzene	78	3.707	3.707	(0.486)	257280	21.7114	22
$ 47	1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	97711	59.5168	60
50	t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	165756	18.2339	18
49	1,2-Dichloroethane	62	3.884	3.884	(0.952)	82600	22.3018	22
181	Isobutyl Alcohol	43	3.951	3.951	(0.969)	494298	3027.28	3000
* 52	Fluorobenzene	96	4.079	4.079	(1.000)	502092	50.0000	
61	Isopropyl Acetate	43	4.146	4.146	(1.016)	226223	36.3922	36
56	Methyl cyclohexane	83	4.213	4.213	(1.033)	96429	19.7661	20
54	Trichloroethene	95	4.231	4.232	(1.037)	65863	22.4566	22
166	2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	36411	38.6423	39
53	n-Butanol	56	4.616	4.616	(1.131)	148440	1386.48	1400
58	Dibromomethane	93	4.628	4.628	(1.135)	41187	22.8906	23
57	1,2-Dichloropropane	63	4.731	4.731	(1.160)	64466	21.4678	21
55	Ethyl Acrylate	55	4.798	4.798	(1.176)	80581	18.1896	18
68	Bromodichloromethane	83	4.805	4.805	(1.178)	79007	20.7846	21
59	Methyl Methacrylate	100	5.006	5.006	(1.227)	17764	18.2475	18
60	1,4-Dioxane	88	5.030	5.030	(1.233)	8864	190.153	190(R)
75	Propyl Acetate	43	5.170	5.170	(1.268)	87565	17.5574	18
62	2-Chloroethyl Vinyl Ether	63	5.445	5.445	(1.335)	22759	11.7782	12
67	cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	94225	18.5318	18

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62067.d
Report Date: 26-Sep-2012 10:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	5.689	5.689	(0.746)	314062	49.9574	50
	66 Toluene	91	5.743	5.750	(0.754)	275756	20.9548	21
	63 Epichlorohydrin	57	5.774	5.774	(0.758)	146743	416.496	420
	71 Tetrachloroethene	166	6.188	6.188	(0.812)	68342	22.1466	22
	70 4-Methyl-2-Pentanone	43	6.237	6.237	(0.818)	63322	17.9514	18
	64 trans-1,3-Dichloropropene	75	6.262	6.262	(0.822)	85032	17.8846	18
	69 1,1,2-Trichloroethane	83	6.451	6.445	(0.846)	48793	20.8889	21
	175 Ethyl methacrylate	69	6.518	6.518	(1.598)	81941	17.4669	17
	74 Dibromochloromethane	129	6.652	6.652	(0.873)	59365	19.4426	19
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	102143	20.9503	21
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	61842	21.3911	21
	76 Butyl Acetate	73	7.249	7.249	(0.951)	34369	33.3591	33
	73 2-Hexanone	43	7.328	7.322	(0.962)	46391	18.2390	18
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	392780	50.0000	
	79 Chlorobenzene	112	7.645	7.646	(1.003)	188443	21.7728	22
	81 Ethylbenzene	106	7.725	7.725	(1.014)	96394	20.4733	20
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	59087	19.4897	19
	82 m+p-Xylene	106	7.944	7.944	(1.042)	240017	41.6178	42
	84 o-Xylene	106	8.548	8.548	(1.122)	118367	21.0299	21
	86 Bromoform	173	8.615	8.609	(1.130)	39391	18.1867	18
	85 Styrene	104	8.633	8.633	(1.133)	204634	20.7262	21
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	47023	16.9951	17
	88 Isopropylbenzene	105	9.042	9.042	(1.186)	309222	21.0604	21
$	89 Bromofluorobenzene (SUR)	174	9.426	9.420	(0.841)	138555	40.7084	41
	91 Bromobenzene	156	9.541	9.541	(0.851)	83850	20.9497	21
	95 n-Propylbenzene	91	9.682	9.688	(0.864)	376513	20.0243	20
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	86250	21.0515	21
	96 2-Chlorotoluene	91	9.865	9.865	(0.880)	263046	20.0659	20
	93 1,2,3-Trichloropropane	110	9.974	9.974	(0.890)	25874	20.2903	20
	97 1,3,5-Trimethylbenzene	105	10.035	10.035	(0.896)	272356	20.1165	20
	94 trans-1,4-Dichloro-2-butene	53	10.096	10.096	(0.901)	21249	15.9453	16
	98 4-Chlorotoluene	91	10.139	10.139	(0.905)	246417	20.2919	20
	100 tert-Butylbenzene	119	10.517	10.517	(0.939)	225583	19.7579	20
	99 Butyl Methacrylate	87	10.627	10.627	(0.948)	89238	16.4957	16
	101 1,2,4-Trimethylbenzene	105	10.645	10.645	(0.950)	284447	20.3103	20
	103 sec-Butylbenzene	105	10.809	10.810	(0.965)	339237	20.3693	20
	105 1,3-Dichlorobenzene	146	11.078	11.078	(0.989)	168518	21.7118	22
	107 p-Isopropyltoluene	119	11.090	11.084	(0.990)	296767	20.4613	20
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	223254	50.0000	
	109 1,4-Dichlorobenzene	146	11.230	11.230	(1.002)	172876	21.7211	22
	171 Indan	117	11.480	11.480	(2.814)	287086	21.5638	22
	110 Benzyl Chloride	91	11.626	11.626	(1.038)	175424	13.9270	14(R)
	106 n-Butylbenzene	91	11.700	11.700	(1.044)	280950	21.1693	21
	111 1,2-Dichlorobenzene	146	11.803	11.797	(1.053)	164426	21.6950	22
	112 1,2-Dibromo-3-chloropropane	75	12.748	12.742	(1.138)	16174	18.8201	19
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	122956	22.3803	22
	115 Hexachlorobutadiene	225	13.431	13.431	(1.199)	40449	20.4608	20

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b/p62067.d
Report Date: 26-Sep-2012 10:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	128	13.705	13.705	(1.223)	324044	21.9152	22
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	112355	22.4175	22
M 120 1,2-Dichloroethene (Total)	100				127503	43.0351	43
M 121 Xylene (Total)	100				358385	62.6477	63

QC Flag Legend

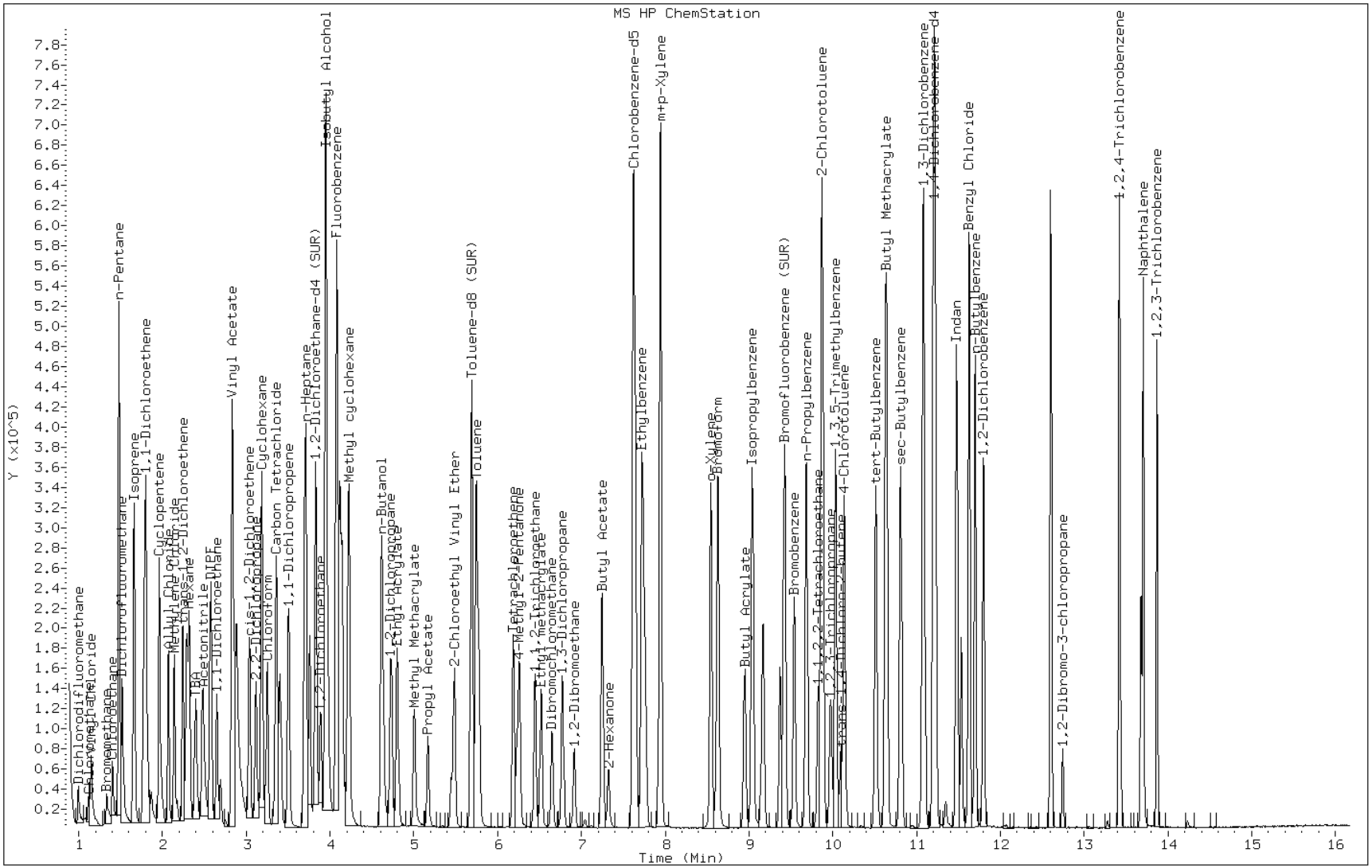
R - Spike/Surrogate failed recovery limits.

Data File: p62067.d

Date: 26-SEP-2012 09:33

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-129463/11

Matrix: Water Lab File ID: p62106.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/27/2012 02:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 129463 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	16.8		1.0	0.22
74-87-3	Chloromethane	16.0		1.0	0.10
74-83-9	Bromomethane	12.8		1.0	0.18
75-01-4	Vinyl chloride	16.1		1.0	0.14
75-00-3	Chloroethane	26.2		1.0	0.17
75-69-4	Trichlorofluoromethane	22.9		1.0	0.15
76-13-1	Freon TF	18.9		1.0	0.080
75-09-2	Methylene Chloride	18.3		1.0	0.18
67-64-1	Acetone	20.8		5.0	2.7
75-15-0	Carbon disulfide	16.7		1.0	0.13
79-20-9	Methyl acetate	15.7		2.0	0.34
75-35-4	1,1-Dichloroethene	21.8		1.0	0.090
75-34-3	1,1-Dichloroethane	18.7		1.0	0.13
156-59-2	cis-1,2-Dichloroethene	20.5		1.0	0.18
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.13
1634-04-4	MTBE	17.1		1.0	0.14
67-66-3	Chloroform	20.4		1.0	0.080
107-06-2	1,2-Dichloroethane	20.9		1.0	0.19
78-93-3	2-Butanone	21.6		5.0	2.3
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.060
110-82-7	Cyclohexane	18.7		1.0	0.16
56-23-5	Carbon tetrachloride	18.5		1.0	0.060
75-27-4	Bromodichloromethane	19.2		1.0	0.12
78-87-5	1,2-Dichloropropane	20.7		1.0	0.090
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.18
79-01-6	Trichloroethene	21.2		1.0	0.090
108-87-2	Methylcyclohexane	19.3		1.0	0.14
124-48-1	Dibromochloromethane	17.9		1.0	0.20
79-00-5	1,1,2-Trichloroethane	19.8		1.0	0.19
71-43-2	Benzene	20.5		1.0	0.080
10061-02-6	trans-1,3-Dichloropropene	17.1		1.0	0.24
75-25-2	Bromoform	16.8		1.0	0.19
98-82-8	Isopropylbenzene	20.0		1.0	0.080
108-10-1	4-Methyl-2-pentanone	16.4		5.0	0.99
591-78-6	2-Hexanone	16.9		5.0	0.50
127-18-4	Tetrachloroethene	20.7		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-44969-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-129463/11

Matrix: Water | Lab File ID: p62106.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 09/27/2012 02:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 129463 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.6		1.0	0.15
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.0	0.16
108-90-7	Chlorobenzene	20.2		1.0	0.11
100-41-4	Ethylbenzene	19.6		1.0	0.10
1330-20-7	Xylenes, Total	58.9		3.0	0.36
100-42-5	Styrene	19.6		1.0	0.12
96-12-8	1,2-Dibromo-3-Chloropropane	16.6		1.0	0.40
541-73-1	1,3-Dichlorobenzene	20.2		1.0	0.14
106-46-7	1,4-Dichlorobenzene	20.2		1.0	0.23
95-50-1	1,2-Dichlorobenzene	20.3		1.0	0.21
120-82-1	1,2,4-Trichlorobenzene	20.5		1.0	0.34
106-93-4	1,2-Dibromoethane	20.1		1.0	0.28

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-130
2037-26-5	Toluene-d8 (Surr)	92		70-130
460-00-4	Bromofluorobenzene	75		70-130

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62106.d
Report Date: 27-Sep-2012 07:54

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62106.d
Lab Smp Id: LCS
Inj Date : 27-SEP-2012 02:23
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/8260_09.m
Meth Date : 26-Sep-2012 21:02 ken Quant Type: ISTD
Cal Date : 11-SEP-2012 23:09 Cal File: p61361.d
Als bottle: 17 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
2 Dichlorodifluoromethane	85	0.994	0.994	(0.244)	49412	16.7856	17
3 Chloromethane	50	1.122	1.122	(0.275)	61170	15.9604	16
4 Vinyl Chloride	62	1.153	1.153	(0.283)	61592	16.1226	16
6 Bromomethane	94	1.336	1.336	(0.327)	17400	12.8077	13
5 Chloroethane	64	1.403	1.403	(0.344)	42496	26.1516	26
8 n-Pentane	72	1.476	1.476	(0.362)	24087	36.8961	37
7 Trichlorofluoromethane	101	1.476	1.482	(0.362)	102252	22.8586	23
183 Dichlorofluoromethane	67	1.519	1.519	(0.372)	130805	22.7908	23
10 Isoprene	67	1.653	1.653	(0.405)	93234	19.8955	20
11 Ethyl Ether	59	1.671	1.671	(0.410)	55449	19.1427	19
15 1,1-Dichloroethene	96	1.781	1.781	(0.437)	51362	21.8013	22
9 Ethanol	46	1.775	1.769	(0.435)	65264	3600.01	3600(R)
18 Carbon Disulfide	76	1.793	1.799	(0.440)	169306	16.6557	17
14 Freon TF	101	1.805	1.805	(0.443)	56017	18.8573	19
170 Cyclopentene	67	1.958	1.964	(0.480)	159773	17.7746	18
13 Acrolein	56	1.988	1.988	(0.487)	22385	34.0960	34

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62106.d
Report Date: 27-Sep-2012 07:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	20 Allyl Chloride	76	2.073	2.073	(0.508)	32634	18.4125	18
	22 Methylene Chloride	84	2.140	2.140	(0.525)	61846	18.2540	18
	16 Acetone	58	2.183	2.177	(0.535)	7017	20.7659	21
	25 trans-1,2-Dichloroethene	96	2.238	2.238	(0.549)	58622	18.8476	19
	27 Methyl Acetate	74	2.256	2.256	(0.553)	13233	15.6657	16
	29 Hexane	86	2.287	2.287	(0.561)	13750	17.8878	18
	28 MTBE	73	2.317	2.317	(0.568)	177520	17.1150	17
	24 TBA	59	2.403	2.396	(0.589)	155405	396.068	400
	21 Acetonitrile	39	2.482	2.482	(0.608)	35163	394.998	390
	32 DIPE	45	2.573	2.573	(0.631)	181203	15.7758	16
	31 Vinyl Acetate	43	2.835	2.835	(0.695)	249476	34.8330	35
	30 1,1-Dichloroethane	63	2.653	2.646	(0.650)	106350	18.6763	19
	26 Acrylonitrile	53	2.689	2.689	(0.659)	24545	17.7199	18
	35 t-Butyl-ethyl-ether	59	2.835	2.829	(0.695)	184183	17.5276	18
	34 n-Propanol	42	2.890	2.884	(0.709)	77706	3421.94	3400
	36 cis-1,2-Dichloroethene	96	3.037	3.037	(0.744)	67941	20.5257	20
	37 2,2-Dichloropropane	77	3.116	3.116	(0.764)	80383	17.5141	18
	44 Cyclohexane	56	3.183	3.183	(0.780)	102440	18.7116	19
	40 Bromochloromethane	128	3.189	3.189	(0.782)	33831	21.0509	21
	42 Chloroform	83	3.250	3.250	(0.797)	104631	20.3510	20
	45 Carbon Tetrachloride	117	3.348	3.347	(0.821)	71005	18.5337	18
	39 Ethyl Acetate	70	3.360	3.360	(0.824)	15257	37.4309	37
	41 Tetrahydrofuran	42	3.372	3.366	(0.827)	36115	20.0390	20
	43 1,1,1-Trichloroethane	97	3.402	3.402	(0.834)	90387	19.9680	20
	46 1,1-Dichloropropene	75	3.506	3.506	(0.860)	85365	19.1174	19
	38 2-Butanone	72	3.506	3.506	(0.860)	11735	21.6460	22
	51 n-Heptane	57	3.695	3.695	(0.906)	34195	17.0494	17
	48 Benzene	78	3.707	3.707	(0.486)	263210	20.4551	20
$	47 1,2-Dichloroethane-d4 (SUR)	65	3.829	3.829	(0.939)	97439	54.6930	55
	50 t-Amyl-methyl-ether	73	3.829	3.829	(0.939)	169873	17.2202	17
	49 1,2-Dichloroethane	62	3.884	3.884	(0.952)	84153	20.9378	21
	181 Isobutyl Alcohol	43	3.951	3.951	(0.969)	537055	3031.00	3000
*	52 Fluorobenzene	96	4.079	4.079	(1.000)	544854	50.0000	
	61 Isopropyl Acetate	43	4.146	4.146	(1.016)	246945	36.6079	37
	56 Methyl cyclohexane	83	4.213	4.213	(1.033)	102239	19.3123	19
	54 Trichloroethene	95	4.231	4.231	(1.037)	67415	21.1816	21
	166 2,4,4-Trimethyl-1-pentene	112	4.116	4.116	(1.009)	37149	36.3313	36
	53 n-Butanol	56	4.616	4.616	(1.132)	168341	1448.95	1400
	58 Dibromomethane	93	4.628	4.622	(1.135)	41297	21.1501	21
	57 1,2-Dichloropropane	63	4.725	4.731	(1.158)	67328	20.6613	21
	55 Ethyl Acrylate	55	4.798	4.798	(1.176)	85465	17.7780	18
	68 Bromodichloromethane	83	4.805	4.805	(1.178)	79287	19.2212	19
	59 Methyl Methacrylate	100	5.006	5.006	(1.227)	19040	18.0225	18
	60 1,4-Dioxane	88	5.036	5.042	(1.235)	9978	197.231	200(R)
	75 Propyl Acetate	43	5.170	5.170	(1.268)	90836	16.7837	17
	62 2-Chloroethyl Vinyl Ether	63	5.445	5.445	(1.335)	22571	10.7638	11
	67 cis-1,3-Dichloropropene	75	5.481	5.481	(0.719)	98105	17.7688	18

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62106.d
Report Date: 27-Sep-2012 07:54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
$	65 Toluene-d8 (SUR)	98	5.689	5.688	(0.746)	313020	45.8537	46
	66 Toluene	91	5.743	5.743	(0.754)	280494	19.6291	20
	63 Epichlorohydrin	57	5.780	5.774	(0.758)	153055	400.054	400
	71 Tetrachloroethene	166	6.188	6.188	(0.812)	69204	20.6523	21
	70 4-Methyl-2-Pentanone	43	6.237	6.237	(0.818)	62982	16.4428	16
	64 trans-1,3-Dichloropropene	75	6.262	6.262	(0.822)	88373	17.1173	17
	69 1,1,2-Trichloroethane	83	6.444	6.444	(0.846)	50139	19.7674	20
	175 Ethyl methacrylate	69	6.518	6.518	(1.598)	83944	16.4894	16
	74 Dibromochloromethane	129	6.646	6.646	(0.872)	59464	17.9346	18
	72 1,3-Dichloropropane	76	6.774	6.774	(0.889)	105162	19.8636	20
	77 1,2-Dibromoethane	107	6.914	6.914	(0.907)	63126	20.1082	20
	76 Butyl Acetate	73	7.249	7.249	(0.951)	35313	31.5638	32
	73 2-Hexanone	43	7.322	7.322	(0.961)	46612	16.8763	17
*	78 Chlorobenzene-d5	117	7.621	7.621	(1.000)	426512	50.0000	
	79 Chlorobenzene	112	7.639	7.639	(1.002)	190083	20.2253	20
	81 Ethylbenzene	106	7.725	7.725	(1.014)	100089	19.5767	20
	80 1,1,1,2-Tetrachloroethane	131	7.755	7.755	(1.018)	57916	17.5924	18
	82 m+p-Xylene	106	7.944	7.944	(1.042)	247497	39.5207	40
	84 o-Xylene	106	8.548	8.548	(1.122)	118728	19.4257	19
	86 Bromoform	173	8.615	8.609	(1.130)	39521	16.8036	17
	85 Styrene	104	8.633	8.633	(1.133)	210586	19.6421	20
	83 Butyl Acrylate	73	8.950	8.950	(1.174)	48298	16.0752	16
	88 Isopropylbenzene	105	9.041	9.041	(1.186)	319443	20.0359	20
$	89 Bromofluorobenzene (SUR)	174	9.426	9.426	(0.841)	141338	37.5110	38
	91 Bromobenzene	156	9.541	9.541	(0.851)	87603	19.7710	20
	95 n-Propylbenzene	91	9.688	9.688	(0.865)	385997	18.5439	18
	92 1,1,2,2-Tetrachloroethane	83	9.822	9.822	(0.876)	86184	19.0015	19
	96 2-Chlorotoluene	91	9.865	9.864	(0.880)	267600	18.4396	18
	93 1,2,3-Trichloropropane	110	9.974	9.974	(0.890)	26755	18.9523	19
	97 1,3,5-Trimethylbenzene	105	10.035	10.035	(0.896)	274639	18.3239	18
	94 trans-1,4-Dichloro-2-butene	53	10.090	10.096	(0.900)	22488	15.2430	15
	98 4-Chlorotoluene	91	10.139	10.139	(0.905)	252818	18.8060	19
	100 tert-Butylbenzene	119	10.517	10.517	(0.939)	232262	18.3760	18
	99 Butyl Methacrylate	87	10.627	10.627	(0.948)	91162	15.2219	15
	101 1,2,4-Trimethylbenzene	105	10.639	10.645	(0.949)	293103	18.9049	19
	103 sec-Butylbenzene	105	10.809	10.809	(0.965)	350665	19.0197	19
	105 1,3-Dichlorobenzene	146	11.078	11.078	(0.989)	173155	20.1522	20
	107 p-Isopropyltoluene	119	11.090	11.090	(0.990)	309631	19.2842	19
*	108 1,4-Dichlorobenzene-d4	152	11.206	11.206	(1.000)	247150	50.0000	
	109 1,4-Dichlorobenzene	146	11.224	11.230	(1.002)	177540	20.1504	20
	171 Indan	117	11.480	11.480	(2.814)	294632	20.3937	20
	110 Benzyl Chloride	91	11.626	11.626	(1.038)	184182	13.2085	13(R)
	106 n-Butylbenzene	91	11.700	11.700	(1.044)	292413	19.9028	20
	111 1,2-Dichlorobenzene	146	11.797	11.797	(1.053)	170302	20.2978	20
	112 1,2-Dibromo-3-chloropropane	75	12.742	12.742	(1.137)	15785	16.5907	16
	114 1,2,4-Trichlorobenzene	180	13.419	13.419	(1.197)	124842	20.5264	20
	115 Hexachlorobutadiene	225	13.431	13.431	(1.199)	41697	19.0528	19

Data File: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b/p62106.d
Report Date: 27-Sep-2012 07:54

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
116 Naphthalene	128	13.705	13.705	(1.223)	331054	20.2245	20
117 1,2,3-Trichlorobenzene	180	13.870	13.870	(1.238)	117144	21.1132	21
M 120 1,2-Dichloroethene (Total)	100				126563	39.3732	39
M 121 Xylene (Total)	100				366225	58.9464	59

QC Flag Legend

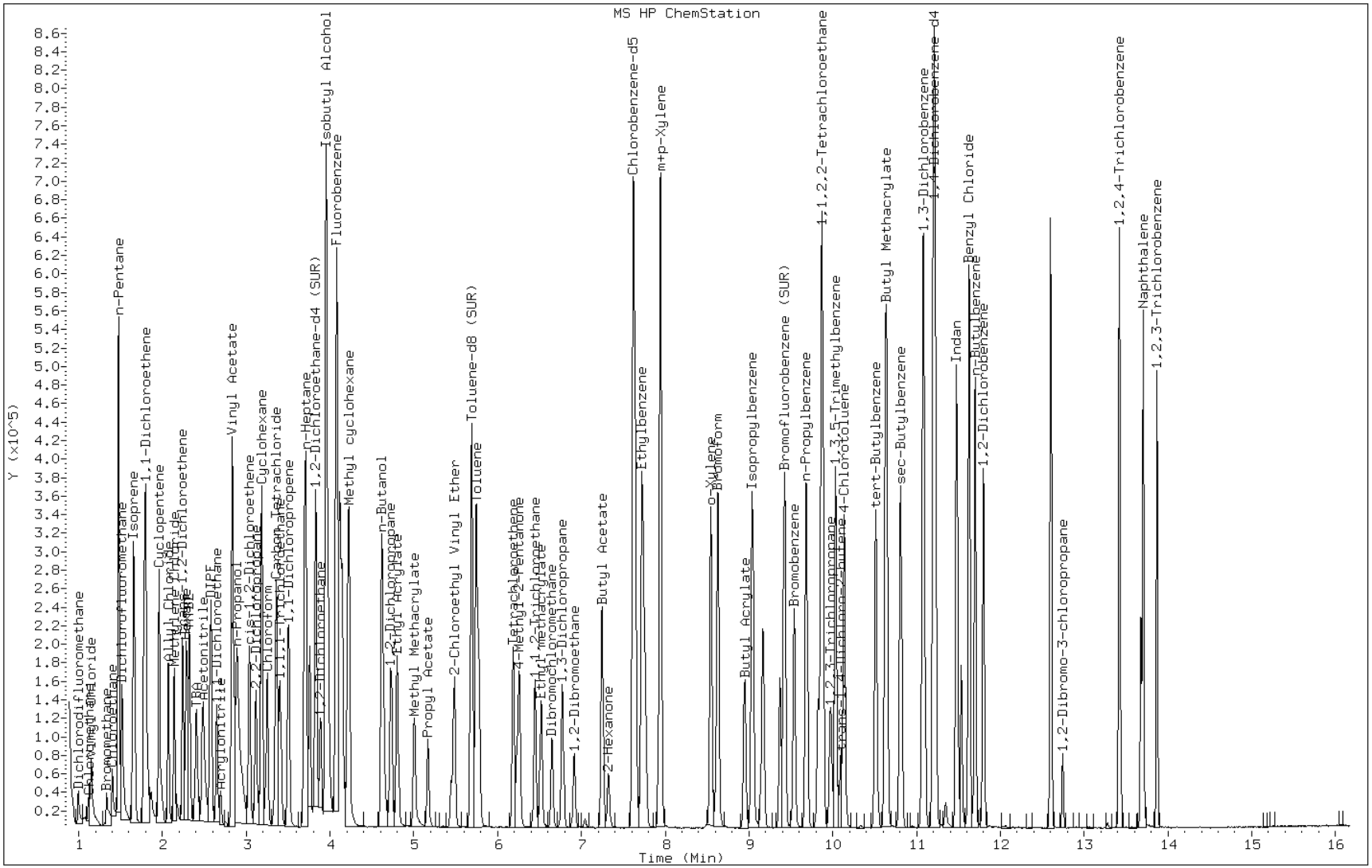
R - Spike/Surrogate failed recovery limits.

Data File: p62106.d

Date: 27-SEP-2012 02:23

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 09/11/2012 19:36

Analysis Batch Number: 127499 End Date: 09/11/2012 23:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-127499/1		09/11/2012 19:36	1	p61352.d	DB-624 0.18(mm)
IC 460-127499/2		09/11/2012 21:33	1	p61357.d	DB-624 0.18(mm)
IC 460-127499/3		09/11/2012 21:57	1	p61358.d	DB-624 0.18(mm)
ICIS 460-127499/4		09/11/2012 22:21	1	p61359.d	DB-624 0.18(mm)
IC 460-127499/5		09/11/2012 22:45	1	p61360.d	DB-624 0.18(mm)
IC 460-127499/6		09/11/2012 23:09	1	p61361.d	DB-624 0.18(mm)
IC 460-127499/7		09/11/2012 23:34	1	p61362.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 09/26/2012 08:13

Analysis Batch Number: 129391 End Date: 09/26/2012 18:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-129391/1		09/26/2012 08:13	1	p62064.d	DB-624 0.18(mm)
CCVIS 460-129391/2		09/26/2012 09:02	1	p62066.d	DB-624 0.18(mm)
LCS 460-129391/3		09/26/2012 09:33	1	p62067.d	DB-624 0.18(mm)
MB 460-129391/4		09/26/2012 10:29	1	p62069.d	DB-624 0.18(mm)
ZZZZZ		09/26/2012 10:54	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 11:19	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 11:44	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 12:09	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 12:34	5		DB-624 0.18(mm)
ZZZZZ		09/26/2012 12:59	5		DB-624 0.18(mm)
460-44969-4	FB-092112	09/26/2012 14:15	1	p62078.d	DB-624 0.18(mm)
460-44969-5	TRIP BLANK	09/26/2012 14:40	1	p62079.d	DB-624 0.18(mm)
ZZZZZ		09/26/2012 15:05	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 15:30	1		DB-624 0.18(mm)
460-44969-1	OW-4	09/26/2012 16:20	5	p62083.d	DB-624 0.18(mm)
460-44969-3	DUP-092112	09/26/2012 17:10	5	p62085.d	DB-624 0.18(mm)
ZZZZZ		09/26/2012 18:25	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 18:50	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-44969-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 09/26/2012 19:33

Analysis Batch Number: 129463 End Date: 09/27/2012 06:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-129463/1		09/26/2012 19:33	1	p62090.d	DB-624 0.18(mm)
CCVIS 460-129463/2		09/26/2012 20:23	1	p62092.d	DB-624 0.18(mm)
MB 460-129463/3		09/26/2012 22:03	1	p62096.d	DB-624 0.18(mm)
ZZZZZ		09/26/2012 22:46	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 23:34	1		DB-624 0.18(mm)
ZZZZZ		09/26/2012 23:58	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 00:22	1		DB-624 0.18(mm)
460-44969-2	MW-35I	09/27/2012 01:11	1	p62103.d	DB-624 0.18(mm)
ZZZZZ		09/27/2012 01:35	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 01:59	1		DB-624 0.18(mm)
LCS 460-129463/11		09/27/2012 02:23	1	p62106.d	DB-624 0.18(mm)
ZZZZZ		09/27/2012 03:35	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 04:00	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 04:24	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 04:48	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 05:12	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 05:36	1		DB-624 0.18(mm)
ZZZZZ		09/27/2012 06:00	1		DB-624 0.18(mm)

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b

Date Generated: 09/12/2012

127499

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/11/12 1936	p61352.d	2	BFB		0	0	1	all			
09/11/12 2109	p61356.d	5	IC-VMCAL1		5	0	1	all		8260 HIGH	G
09/11/12 2133	p61357.d	6	IC-VMCAL1		5	0	1	all		8260 IS: 1688247 SURR 500:	Not used
09/11/12 2157	p61358.d	7	IC-VMCAL2		5	0	1	all		SURR 250: 1688248 GAS 500: 1722273	G
09/11/12 2221	p61359.d	8	ICIS-VMCAL3		5	0	1	all		MIX 1 500: 1715601 MIX 2 500: 1715614	G
09/11/12 2245	p61360.d	9	IC-VMCAL4		5	0	1	all		MIX 3: 1715978 AC/AC: 1715980	G
09/11/12 2309	p61361.d	10	IC-VMCAL5		5	0	1	all		GAS SP: 1722274	
09/11/12 2334	p61362.d	11	IC-VMCAL6		5	0	1	all		8260 SP: 1715990 MIX 3 SP: 1715979	G
09/11/12 2358	p61363.d	12	BLK		5	0	1	all		AC/AC SP: 1715981 MISC: BFB	G
09/12/12 0022	p61364.d	13	BLK		5	0	1	all		1606918 Mech 52069	Cleanup
09/12/12 0046	p61365.d	14	BLK		5	0	1	all		1715982 1715983 1715984	
09/12/12 0110	p61366.d	15	ICV		5	0	1	all			
09/12/12 0135	p61367.d	16	LCS		5	0	1	all			NG. Acetone ↑
09/12/12 0159	p61368.d	17	MB		5	0	1	all			clo

IW Std.

IW Std.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/09-11-12/11sep12.b

Date Generated: 09/12/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/12/12 0223	p61369.d	18	MB		5	0	1	all			c/o
09/12/12 0247	p61370.d	19	ICV		5	0	1	all			NG. Acetone↑

Signed: Sawath Serai for kenny Read and Understood by: Sawath Serai

Date: 09/12/12 Date: 09/12/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

nstrument ID: VOAMS13.i

nalytical Batch: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b

)ate Generated: 09/26/2012

)age 1

#129391

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/26/12 0813	p62064.d	2	BFB		0	0	1	all		8260 HIGH	G
09/26/12 0828	p62065.d	1	PRIMER		5	0	1	all		8260 IS: 1688247 SURR 500:	NG
09/26/12 0902	p62066.d	2	CCVIS		5	0	1	all		SURR 250: 1688248 GAS 500: 1748369	G
09/26/12 0933	p62067.d	3	LCS		5	0	1	all		MIX 1 500: 1715601 MIX 2 500: 1715614	G
09/26/12 1003	p62068.d	4	MB		5	0	1	all		MIX 3: 1715978 AC/AC: 1715980	N.U.
09/26/12 1029	p62069.d	5	MB		5	0	1	all		GAS SP: 1748370 8260 SP: 1749671	G
09/26/12 1054	p62070.d	6	460-45048-A-4	FB	5	0	1	all	<2	MIX 3 SP: 1715979 AC/AC SP: 1715981	G
09/26/12 1119	p62071.d	7	460-45048-A-3	TB	5	0	1	all	<2	MISC: MEOH 123279	G
09/26/12 1144	p62072.d	8	460-45048-A-1	TWP-3-73	5	0	1	all	<2	1715982	G
09/26/12 1209	p62073.d	9	460-45048-A-2	TWP-3-83	5	0	1	all	<2	1715983	G
09/26/12 1234	p62074.d	10	460-45048-A-1MS		5	0	5	all	<2		G
09/26/12 1259	p62075.d	11	460-45048-A-1MSD		5	0	5	all	<2		G
09/26/12 1324	p62076.d	12	BLANK		5	0	1	all			D.U.
09/26/12 1350	p62077.d	13	BLANK		5	0	1	all			N.U.

~~Dilution~~ 9/26/12 Dilution — 5X — 10mL → 50mL F.V.

10X — 5mL → 50mL

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/09-11-12/26sep12.b

Date Generated: 09/26/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/26/12 1415	p62078.d	14	460-44969-A-4	FB-092112	5	0	1	all	<2		G
09/26/12 1440	p62079.d	15	460-44969-A-5	TRIP BLANK	5	0	1	all	<2		G
09/26/12 1505	p62080.d	16	460-44787-A-14		5	0	1	all	<2		G
09/26/12 1530	p62081.d	17	460-44915-C-2	MW # 02	5	0	1	all	<2		G
09/26/12 1555	p62082.d	18	BLANK		5	0	1	all			N.U.
09/26/12 1620	p62083.d	19	460-44969-A-1	OW-4	5	0	5	all	<2		G
09/26/12 1645	p62084.d	20	460-44969-A-2	MW-35I	5	0	10	all	<2		NG RR IX
09/26/12 1710	p62085.d	21	460-44969-A-3	DUP-092112	5	0	5	all	<2		G
09/26/12 1735	p62086.d	22	BLANK		5	0	1	all			NU.
09/26/12 1800	p62087.d	23	460-44994-J-1	ANW-2750-W2	5	0	1	all	<2		RR IX C/O
09/26/12 1825	p62088.d	24	460-44832-A-1		5	0	1	all	<2		G
09/26/12 1850	p62089.d	25	460-44968-A-1	GWS-2/30-40	5	0	1	all	<2		G

Signed: KB for Saurabh Desai Read and Understood by: Ken Boyer

Date: 9/26/12 Date: 9/26/12

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b

Date Generated: 09/27/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/26/12 1933	p62090.d	2	BFB		0	0	1	all		8260 HIGH	G
09/26/12 1957	p62091.d	1	~~CCVIS~~ Primer in		5	0	1	all		8260 IS: 1688247 SURR 500:	Primer
09/26/12 2023	p62092.d	2	CCVIS		5	0	1	all		SURR 250: 1688248 GAS 500: 1748369	G
09/26/12 2048	p62093.d	3	LCS		5	0	1	all		MIX 1 500: 1715601 MIX 2 500: 1715614	NG. chloroethane ↑
09/26/12 2113	p62094.d	4	MB		5	0	1	all		MIX 3: 1715978 AC/AC: 1715980	NG. c10
09/26/12 2138	p62095.d	5	MB		5	0	1	all		GAS SP: 1748370	↓
09/26/12 2203	p62096.d	6	MB		5	0	1	all		8260 SP: 1749671 MIX 3 SP: 1715979	G
09/26/12 2246	p62097.d	7	460-44914-A-12	Trip Blank	5	0	1	all	12	AC/AC SP: 1715981 MISC: BFB	G
09/26/12 2310	p62098.d	8	460-44959-D-4	TB 92112	5	0	1	all	12	1606918 MECH 52069	NG Surr ↓
09/26/12 2334	p62099.d	9	460-44959-D-3	FB 92112	5	0	1	all	12	1715982 1715983	G
09/26/12 2358	p62100.d	11	460-44914-A-7	Field Blank	5	0	1	all	12		G
09/27/12 0022	p62101.d	12	460-44994-K-1	ANW-2750-W2	5	0	1	all	12		G
09/27/12 0047	p62102.d	13	460-44959-D-2	MW 17-R	5	0	1	all	12		NG Surr. ↑
09/27/12 0111	p62103.d	14	460-44969-B-2	MW-35I	5	0	1	all	12		G

Dilution: 2x. 25mL → 50mL F.V.

TESTAMERICA

ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS13.i

Analytical Batch: /chem/VOAMS13.i/8260_09/09-11-12/26sep12a.b

Date Generated: 09/27/2012

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/27/12 0135	p62104.d	15	460-44959-D-2 MS	MW 17-R	5	0	1	all	12		G
09/27/12 0159	p62105.d	16	460-44959-F-2 MSD	MW 17-R	5	0	1	all	12		G
09/27/12 0223	p62106.d	17	LCS		5	0	1	all			G 1,4 Dioxane ↑
09/27/12 0247	p62107.d	18	BLK		5	0	1	all			cleanup
09/27/12 0311	p62108.d	19	BLK		5	0	1	all			↓
09/27/12 0335	p62109.d	20	460-44959-D-1	MW 15-R	5	0	1	all	12		G
09/27/12 0400	p62110.d	21	460-44914-A-2	SB-1-10	5	0	1	all	9		G
09/27/12 0424	p62111.d	22	460-44914-A-3	SB-1-20	5	0	1	all	7		G
09/27/12 0448	p62112.d	23	460-44914-A-5	SB-1-30	5	0	1	all	6		G
09/27/12 0512	p62113.d	24	460-44914-A-11	SB-2-35 Dupe	5	0	1	all	6		G
09/27/12 0536	p62114.d	25	460-44914-A-8	SB-1-45	5	0	1	all	6		G
09/27/12 0600	p62115.d	26	460-44914-A-10	SB-2-35	5	0	1	all	6		G
09/27/12 0624	p62116.d	27	460-44914-A-9	SB-2-25	5	0	2	all	6		RR-1X
09/27/12 0654	p62117.d	28	BLANK		5	0	1	all			Cleanup

Signed: Samatha Desai for Kenny 09/27/12 Read and Understood by: Samatha Desai 09/27/12

09/28/2012

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Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

09/28/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Jeffrey Wills	Samplers Name (Printed) Jeffrey Wills	Site/Project Identification MBA-MANORHAVEN
Company Roux Associates	P. O. # 0771.0001Y000	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 209 Shafter Street	Analysis Turnaround Time: Standard ☒	Regulatory Program: VCP
City Islandia State NY	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 631-232-2600 Fax 631-232-9898		Job No: 44969

Sample Identification	Date	Time	Matrix	No. of Cont.	TARGET compounds List VOC (8260B)	Sample Numbers
OW-4	9/21/12	0950	AQ	3	X	-1
MW-35I	9/21/12	1045	AQ	3	X	-2
DUP-092112	9/21/12	1000	AQ	3	X	-3
FB-092112	9/21/12	0945	AQ	3	X	-4
TRIP BLANK	9/21/12	—	AQ	2	X	-5

5 DAY RUSH

Preservation Used: 1 = ICE, (2 = HCl), 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____

Soil: ☐ Water: 2

Special Instructions Water Metals Filtered (Yes/No)? —

Relinquished by	Company	Date / Time	Received by	Company
1)	ROUX	9/21/12 1350	1)	
Relinquished by 2) Fedex	Company	Date / Time 9/22/12 11:00	Received by 2)	Company TA Ed
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

2.0 2.7° 1.0 IR #3

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-44969-1

Login Number: 44969

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1°C IR#3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

PLATE

OW-4	11/24/2008	2/2/2009	3/11/2009	6/9/2009	3/16/2010	10/13/2011	1/6/2012	3/2/2012	3/30/2012	9/21/2012
Analyte										
1,1 DCA	ND	ND	ND	ND	ND	ND	ND	ND	0.14 J	ND
1,1 DCE	21	4.1 J	25	39	5.4	4.8	7.8	5	6.6	6.3
1,2 DCE	320 J	97	280 J	200 J	97	81	190	120	140	140
1,1,1 TCA	ND	ND	ND	ND	ND	ND	ND	ND	0.21 J	ND
PCE	1.2 J	ND	1.1 J	ND	ND	0.57 J	ND	0.59 J	0.62 J	ND
TCE	6,700	1,600	7,900	8,900	2,500	960	2700	1600	1500	2100
VC	18	8.4	18	17	4.7 J	4.7	3.9 J	ND	0.54 J	2.2 J

MW-35S	11/24/2008	2/2/2009	3/11/2009	3/16/2010
Analyte				
1,1 DCA	ND	ND	ND	ND
1,1 DCE	ND	ND	ND	ND
1,2 DCE	4.4 J	1.9 J	6.7	4.1 J
1,1,1 TCA	ND	ND	ND	ND
PCE	ND	ND	ND	ND
TCE	41	24	85	48
VC	ND	ND	ND	ND

OW-3	11/24/2008	2/11/2009	3/12/2009	6/9/2009	3/16/2010
Analyte					
1,1 DCA	ND	ND	ND	ND	ND
1,1 DCE	1.9 J	ND	ND	ND	ND
1,2 DCE	5.7	ND	ND	1.7 J	2.1 J
1,1,1 TCA	ND	ND	ND	ND	ND
PCE	ND	1.3 J	ND	ND	ND
TCE	110	8.4	28	57	49
VC	ND	ND	ND	ND	ND

OW-5	11/24/2008	2/11/2009	3/11/2009	6/9/2009	3/16/2010	10/13/2011	1/6/2012	3/2/2012	3/30/2012
Analyte									
1,1 DCA	ND	ND	1.4 J	ND	ND	0.29 J	NS	ND	0.23 J
1,1 DCE	1.8 J	ND	37	ND	4.6 J	1.4	NS	1.5	1.2
1,2 DCE	5.2	48	100	1.9 J	26	0.44 J	NS	8.6	7.8
1,1,1 TCA	ND	ND	ND	ND	ND	ND	NS	ND	ND
PCE	ND	1.1 J	1.9 J	ND	ND	0.49 J	NS	0.3 J	0.21 J
TCE	98	1,100	2,400	66	770	170	NS	180	160
VC	1 J	11	31	ND	1.4 J	ND	NS	0.83 J	0.58 J

MW-34I	11/24/2008	2/11/2009	3/11/2009	3/16/2010	10/13/2011	1/6/2012	3/2/2012	3/30/2012
Analyte								
1,1 DCA	ND	ND	5.2	2.6 J	ND	ND	5.4 J	4.3
1,1 DCE	4.5 J	ND	58	6.9	21	20	21	21
1,2 DCE	24	180	230 J	170 J	75	120	96	130
1,1,1 TCA	ND	ND	ND	ND	ND	ND	ND	0.28 J
PCE	ND	ND	1.3 J	ND	ND	ND	1.8 J	1.4
TCE	590	5,700	7,200	4,600	1800	3200	2700	2900
VC	1.6 J	24 J	36	17	3.8 J	14	15	17

OW-9	4/28/2009	6/9/2009	3/16/2010
Analyte			
1,1 DCA	ND	ND	ND
1,1 DCE	ND	ND	ND
1,2 DCE	89	87	12
1,1,1 TCA	ND	ND	ND
PCE	ND	1.1 J	ND
TCE	20	23	1.8 J
VC	ND	ND	ND

MW-34S	11/24/2008	2/2/2009	3/11/2009	3/16/2010
Analyte				
1,1 DCA	ND	ND	ND	ND
1,1 DCE	ND	ND	ND	ND
1,2 DCE	ND	ND	ND	ND
1,1,1 TCA	ND	ND	ND	ND
PCE	ND	ND	ND	ND
TCE	ND	ND	ND	ND
VC	ND	ND	ND	ND

OW-7	11/24/2008	2/11/2009	3/11/2009	6/9/2009	3/16/2010
Analyte					
1,1 DCA	ND	ND	ND	ND	ND
1,1 DCE	ND	ND	ND	ND	ND
1,2 DCE	12	120	33	16	26
1,1,1 TCA	ND	ND	ND	ND	ND
PCE	ND	0.88 J	ND	ND	ND
TCE	10	110	39	16	18
VC	ND	ND	ND	ND	ND

OW-6	11/24/2008	2/11/2009	3/11/2009	6/9/2009	3/16/2010	9/22/2010	11/3/2010	11/17/2010
Analyte								
1,1 DCA	ND	ND	ND	ND	ND	5 U	5 U	5 U
1,1 DCE	1.6 J	ND	5.8	ND	6.8	5 U	5 U	5 U
1,2 DCE	14	33	37	42	83	13	1.8 J	1.4 J
1,1,1 TCA	ND	ND	ND	ND	ND	5 U	5 U	5 U
PCE	ND	1 J	0.96 J	1.1 J	ND	5 U	5 U	5 U
TCE	290	1,000	1,000	800	970	140	22	18
VC	ND	2.2 J	2 J	3.5 J	1.1 J	5 U	5 U	5 U

MW-35I	11/24/2008	2/11/2009	3/11/2009	3/16/2010	9/22/2010	11/3/2010	11/17/2010	10/13/2011	1/6/2012	3/2/2012	3/30/2012	9/21/2012
Analyte												
1,1 DCA	1.7 J	ND	1.7 J	2.3 J	1.3 J	1.3 J	1.2 J	1.3 J	NS	1.3 J	1.2 J	0.35 J
1,1 DCE	2.4 J	ND	3.5 J	1.8	5.2	2.4 J	2.2 J	2.0 J	NS	ND	1.7 J	1.3
1,2 DCE	9.5	ND	12	11	5.8	8.1	8.9	ND	NS	11	8.8	21
1,1,1 TCA	ND	10 J	ND	ND	5 U	5 U	5 U	ND	NS	ND	0.41 J	1.3
PCE	1.5 J	ND	1.5 J	1.1 J	5 U	5 U	5 U	ND	NS	2.2 J	1.5 J	3.3
TCE	3,600	2,900	3,700	3,800	1500	2600	2000	2200	NS	2100	2600	410
VC	ND	ND	1.8 J	ND	5 U	5 U	5 U	ND	NS	ND	0.36 J	0.41 J

MW-26I	12/23/2008	2/11/2009	3/11/2009	3/16/2010
Analyte				
1,1 DCA	ND	ND	ND	ND
1,1 DCE	1.5 J	ND	1.4 J	ND
1,2 DCE	170	270	97	8.3
1,1,1 TCA	ND	ND	ND	ND
PCE	1.5 J	2.2 J	0.81 J	ND
TCE	620	1,100	440	27
VC	ND	ND	ND	ND

MW-26	12/23/2008	2/2/2009	3/11/2009	3/16/2010
Analyte				
1,1 DCA	ND	ND	ND	ND
1,1 DCE	ND	ND	ND	ND
1,2 DCE	ND	ND	ND	ND
1,1,1 TCA	ND	ND	ND	ND
PCE	ND	1.8 J	1.1 J	1.1 J
TCE	1.4 J	ND	0.86 J	ND
VC	ND	ND	ND	ND

MW-30S	12/23/2008	2/2/2009	3/12/2009	3/16/2010
Analyte				
1,1 DCA	ND	ND	ND	ND
1,1 DCE	ND	ND	ND	ND
1,2 DCE	ND	ND	ND	ND
1,1,1 TCA	ND	ND	ND	ND
PCE	ND	0.88 J	ND	ND
TCE	1.8 J	1.7 J	4.5 J	0.63 J
VC	ND	ND	ND	ND

MW-30I	12/23/2008	2/11/2009	3/12/2009
Analyte			
1,1 DCA	ND	ND	ND
1,1 DCE	ND	ND	ND
1,2 DCE	ND	5.4	ND
1,1,1 TCA	ND	ND	ND
PCE	ND	ND	ND
TCE	12	88	16
VC	ND	ND	ND

MW-2	2/26/2008	3/16/2010
Analyte		
1,1 DCA	ND	ND
1,1 DCE	ND	ND
1,2 DCE	1 J	3.0 J
1,1,1 TCA	ND	ND
PCE	2.9 J	5.4
TCE	7	9.2
VC	ND	ND

OW-8	4/28/2009	6/9/2009	3/16/2010
Analyte			
1,1 DCA	ND	ND	ND
1,1 DCE	ND	ND	1.1 J
1,2 DCE	10	8.3	17
1,1,1 TCA	ND	ND	ND
PCE	1.9 J	2.0 J	3.2 J
TCE	160	98	140
VC	ND	ND	ND

OW-2	9/22/2010	11/3/2010	11/17/2010
Analyte			
1,1 DCA	5 U	5 U	5 U
1,1 DCE	5 U	5 U	5 U
1,2 DCE	5 U	5 U	5 U
1,1,1 TCA	5 U	5 U	5 U
PCE	5 U	5 U	5 U
TCE	54	11	7.9
VC	5 U	5 U	5 U

OW-1	9/22/2010	11/3/2010	11/17/2010
Analyte			
1,1 DCA	5 U	5 U	5 U
1,1 DCE	5 U	5 U	5 U
1,2 DCE	20	21	25
1,1,1 TCA	5 U	5 U	5 U
PCE	5 U	5 U	5 U
TCE	240	160	220
VC	5 U	5 U	5 U

MW-33I	11/24/2008	2/2/2009	3/12/2009
Analyte			
1,1 DCA	ND	ND	ND
1,1 DCE	ND	ND	ND
1,2 DCE	ND	ND	ND
1,1,1 TCA	ND	ND	ND
PCE	ND	ND	ND
TCE	ND	2.3 J	0.79 J
VC	ND	ND	ND

MW-33S	11/24/2008	2/2/2009	3/12/2009	3/16/2010
Analyte				
1,1 DCA	ND	ND	ND	ND
1,1 DCE	ND	ND	ND	ND
1,2 DCE	ND	ND	1 J	1 J
1,1,1 TCA	ND	ND	ND	ND
PCE	ND	ND	ND	ND
TCE	8.9	8.7	8.7	8.9
VC	ND	ND	ND	ND

MW-31I	11/24/2008	2/2/2009	3/12/2009
Analyte			
1,1 DCA	ND	ND	ND
1,1 DCE	ND	ND	ND
1,2 DCE	ND	2.4 J	ND
1,1,1 TCA	ND	4.1 J	ND
PCE	ND	2.4 J	ND
TCE	0.91 J	12	0.89 J
VC	ND	ND	ND

MW-31S	11/24/2008	2/2/2009	3/12/2009	3/16/2010
Analyte				
1,1 DCA	7	7.3	7.8	1.5 J
1,1 DCE	1.1 J	1.4 J	1.8 J	ND
1,2 DCE	31	31	34	11
1,1,1 TCA	24	31	25	3.4 J
PCE	52	55	48	14
TCE	78	84	81	22
VC	ND	ND	ND	ND

MW-29S	2/26/2008	3/16/2010
Analyte		
1,1 DCA	ND	ND
1,1 DCE	ND	ND
1,2 DCE	ND	ND
1,1,1 TCA	ND	ND
PCE	ND	ND
TCE	ND	ND
VC	ND	ND

MW-24	12/1/2008	2/2/2009	3/12/2009	3/16/2010
Analyte				
1,1 DCA	ND	ND	ND	ND
1,1 DCE	ND	ND	ND	ND
1,2 DCE	ND	ND	ND	ND
1,1,1 TCA	ND	ND	ND	ND
PCE	ND	2.5 J	ND	ND
TCE	2.4 J	6.2	4 J	1.8 J
VC	ND	ND	ND	ND

YENNICOCK AVENUE

MANHASSET BAY

TOMS POINT LANE

CONCRETE CHAIN LINK FENCE

CURB FENCE

BULKHEAD

REMAINS OF TIMBER RAMP

GATE

FORMER BLDG 3 OFFICE
FORMER BLDG 18
FORMER BLDG 17 STORAGE
FORMER BLDG 22 (SUBSTATION No. 1)
FORMER BLDG 2
FORMER WELDING SHOP
FORMER BLDG 9 DROP PRESS ROOM
FORMER BLDG 25
FORMER BLDG 26
FORMER COAL BIN
FORMER HEATER ROOM
FORMER PUMP HOUSE
FORMER LOADING DOCK PLATFORM
FORMER BLDG 16 STORAGE
FORMER OFFICE
FORMER BLDG 6
FORMER BLDG 8 CAFETERIA
FORMER WING STORAGE SHED
FORMER FIRE PROOF ROOM
FORMER LOADING DOCK PLATFORM
FORMER GASOLINE TANKS
FORMER CONCRETE PROW
FORMER BLDG 1
EXISTING SYSTEM PIPING
EXISTING TREATMENT ENCLOSURE
FORMER PARKIN
FORMER CINDERS STORAGE AREA
FORMER FUEL OIL TANKS
FORMER BLDG 11 BOILER HOUSE
FORMER BLDG 5 COAL SHED
FORMER BLDG 23 (SUBSTATION No. 2)
FORMER BLDG 4
FORMER BLDG 13 STORAGE SHED
FORMER BLDG 12 FILTER CLEANING HOUSE
FORMER WATER TANK
FORMER PUMP HOUSE

AREA 1
AREA 2

MW-22 MW-23 MW-23I MW-32S MW-33I MW-33S MW-34I MW-34S MW-35I MW-35S MW-26I MW-26 MW-26S MW-30I MW-30S MW-31I MW-31S MW-29D MW-29I MW-29S MW-24 MW-2

OW-1 OW-2 OW-3 OW-4 OW-5 OW-6 OW-7 OW-8 OW-9

AS-1 AS-2 AS-3 AS-4 AS-5 AS-6 AS-7 AS-8 AS-9 AS-10 AS-11 AS-12 AS-13 AS-14 AS-15 AS-16 AS-17 AS-18 AS-19 AS-20 AS-21 AS-22 AS-23 AS-24 AS-25 AS-26 AS-27 AS-28

SVE-1 SVE-2 SVE-3 SVE-4 SVE-5 SVE-6 SVE-7 SVE-8

IW-1

LEGEND

- MW-35I — LOCATION AND DESIGNATION OF EXISTING WELL SAMPLED
  - WELL DEPTH DESIGNATIONS:
    - D – DEEP
    - I – INTERMEDIATE
    - S – SHALLOW
- MW-23 — LOCATION AND DESIGNATION OF EXISTING MONITORING WELL
- AS-12 — LOCATION AND DESIGNATION OF AIR SPARGE WELL
- AS-2I — LOCATION AND DESIGNATION OF AIR SPARGE WELL USED FOR FIRST PHASE OF INJECTIONS
- SVE-1 — LOCATION AND DESIGNATION OF SOIL VAPOR EXTRACTION WELL
- IW-1 — LOCATION AND DESIGNATION OF EXISTING INJECTION WELL
- LOCATION OF INJECTION POINT SECOND PHASE OF INJECTIONS
- LOCATION OF INJECTION POINT ISCO PILOT STUDY
- LOCATION OF INJECTION POINT THIRD PHASE OF INJECTIONS
- LOCATION OF INJECTION POINT FOURTH PHASE OF INJECTIONS
- AREAS OF IMPACT BASED ON MIP RESULTS
- LOCATION OF INJECTION POINTS FIRST ROUND OF INJECTIONS

ug/L – MICROGRAMS PER LITER

SAMPLE DESIGNATION

BASELINE SAMPLING 1ST PHASE ISCO INJECTIONS

BASELINE SAMPLING 2ND PHASE ISCO INJECTIONS

BASELINE SAMPLING ISCO PILOT STUDY

BASELINE SAMPLING 3RD PHASE ISCO INJECTIONS

DATA IN ug/L

NOTES

1. BUILDING FOOTPRINT OBTAINED FROM LOCKWOOD GREENE ENGINEERS, INC. PLANCOR 999 PLOT PLAN AND THYPIN STEEL CO., INC. ADVERTISING BROCHURE.
2. SOIL VAPOR EXTRACTION (SVE) SYSTEM WAS INSTALLED IN AUGUST 2003. SVE SYSTEM WAS EXPANDED TO INCLUDE AN AIR SPARGE (AS) SYSTEM AND PUT INTO OPERATION IN DECEMBER 2005. THE AS/SVE SYSTEM WAS SHUTDOWN IN OCTOBER 2008.
3. ERD PILOT STUDY WAS CONDUCTED IN JUNE 2004.
4. FIRST PHASE OF IN SITU CHEMICAL OXIDATION (ISCO) INJECTIONS CONDUCTED FROM DECEMBER 2008 THROUGH FEBRUARY 2009.
5. SECOND PHASE OF ISCO INJECTIONS CONDUCTED IN MAY 2009.
6. ISCO SIDEWINDER PILOT STUDY CONDUCTED IN OCTOBER 2010.
7. THIRD PHASE OF ISCO INJECTION CONDUCTED IN OCTOBER/NOVEMBER 2011.
8. FOURTH PHASE OF ISCO INJECTIONS CONDUCTED IN JUNE 2012.

SOURCE

BUILDING FOOTPRINT OBTAINED FROM LOCKWOOD GREENE ENGINEERS, INC. PLANCOR 999 PLOT PLAN AND THYPIN STEEL CO., INC. ADVERTISING BROCHURE.

50' 0 50'

Title:

ISCO INJECTION LOCATIONS AND GROUNDWATER RESULTS

FORMER THYPIN STEEL FACILITY
MANORHAVEN, NEW YORK

Prepared For:

MBA–MANORHAVEN, LLC
PRINCETON, NEW JERSEY

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: J.W.	Date: 14JAN13	PLATE
Prepared by: J.A.D.	Scale: AS SHOWN	1
Project Mgr: C.P.	Project: 0771.0001Y000	
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