Sterling Environmental Engineering, P.C.

PERIODIC REVIEW REPORT
(August 2022 to August 2025)
New Paltz Plaza VCP Site

Town of New Paltz
Ulster Co., New York
VCP Site #V00087

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September 25, 2025
(Revised April 12, 2026)

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1.0 INTRODUCTION

Sterling Environmental Engineering, P.C. (STERLING) prepared this Periodic Review Report (PRR) on behalf of New Paltz Plaza Properties, LP and New Paltz Plaza Inc. (collectively "Volunteer") for the Voluntary Cleanup Program (VCP) Site No. V00087 ("the Site"). The subject of this PRR is the New Paltz Plaza located on Route 299 in New Paltz, Ulster County, New York, which includes the former Revonak Dry Cleaners. The location of the site is shown in Figure 1. The Site has been investigated and remediated under the New York State Department of Environmental Conservation's (NYSDEC) VCP. Under the VCP, the Volunteer, as an Innocent Owner, elected to address groundwater and soil contamination beyond the boundary of the former Revonak Dry Cleaners, inactive hazardous waste disposal Site No. 356021 (former Revonak Dry Cleaners). Thus, the VCP Site is a portion of the New Paltz Plaza Shopping Center property including the former Revonak Dry Cleaners.

The former Revonak Dry Cleaners is the source of the contamination associated with the Site. New Paltz Plaza Associates ("Prior Owner") entered into Consent Order No. W3-0667-93-11, Site No. 356021, with the NYSDEC on February 24, 1995, which required the Prior Owner to conduct a remedial investigation (RI) and any necessary remedial actions. The Prior Owner initiated the RI, but did not conduct any interim remedial measures (IRMs), before transferring ownership to the Volunteer. The Volunteer entered into a Voluntary Cleanup Agreement (VCA) for investigation (No. W3-0782-96-12, Site No. V00087) and completed the RI. The Volunteer entered into a second VCA (No. W3-0782-97-10, Site No. V00087) on December 17, 1997 (the "1997 VCA") to conduct IRMs and to remediate the Site. The work was performed with the approval and oversight of the NYSDEC. The 1997 VCA is the controlling document that governs this remediation, site management, and liability releases.

A revised Site Management Plan (SMP), dated October 16, 2014, specifies the required ongoing remedial activities. This PRR presents the results of monitoring activities outlined in the revised SMP. The NYSDEC issued a release to New Paltz Plaza, Inc. and New Paltz Plaza Properties, L.P. on May 30, 2012 indicating that "no further investigation or response will be required at the Site respecting existing contamination to render the Site safe to be used for the contemplated use". The release letter is provided in Appendix A.

1.1 Summary of Site Remediation and Documents

Site remedial activities consisted of soil and groundwater removal in 1997 and 1998; injections of hydrogen releasing compounds (HRC) in 2003 and 2006; installation and operation of a sub-slab depressurization system (SSDS) beneath the former Stop & Shop (now Tops Market) building beginning December 2006, and installation and operation of a SSDS consisting of eight (8) subsystems beneath the eastern portion of the Plaza in 2005; and planting hybrid poplar trees in 2007 for the purpose of phytoremediation. Groundwater monitoring has been performed to assess the effectiveness of the implemented remedies. Operation of the SSDS beneath the former Stop & Shop was discontinued on or about March 22, 2018 with the approval of the NYSDEC and NYSDOH, as described more fully in Section 4.2 of this report. The details of the remedial actions were presented in the April 25, 2008, Final Engineering Report. A SMP, dated July 6, 2011, was submitted to the NYSDEC and approved on November 29, 2011. A revised SMP, dated October 16, 2014, specifies the required ongoing remedial activities. The purpose of the SMP is to establish the environmental monitoring that is to be performed until NYSDEC agrees that some or all monitoring activities may be discontinued. PRRs dated April 2013 (revised October 2013), March 11, 2015, December 27, 2018, and September 28, 2022 were previously submitted to the NYSDEC to document site environmental conditions and on-going monitoring.

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1.2 Extent of Impacted Area

Groundwater quality investigations and analytical data document that the area of impact is localized, and that groundwater quality is stable within the boundaries of the property. Concentrations of total volatile organic compounds (VOCs) in well MW-2 where the highest concentrations have historically been measured remain substantially below initial historical levels. Total VOC concentrations in all other wells monitored are relatively low compared to the former source area and remain stable.

1.3 Effectiveness and Compliance

The remedial activities completed at the Site have been effective, based on the results of groundwater monitoring. The elements of the SMP are operation of the SSDSs and groundwater monitoring. The SSDS beneath the eastern portion of the Plaza was inspected and groundwater samples were collected from the site monitoring wells as described in Sections 4.2 and 5.0, respectively. The monitoring and inspections performed in accordance with the SMP indicate that the remedial measures and engineering controls continue to be effective and in compliance with the SMP.

1.4 Recommendations

Under the 1997 VCA and Site Management Plan, a CMP may be required if the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an institutional or engineering control, a corrective measures plan is to be prepared. As explained below and in Section, there is no remedy failure.

No changes to the frequency for submitting this Periodic Review Report are recommended at this time with the exception that inspection and monitoring of the portion of the SSDS beneath the former Stop & Shop (now Tops Market) is no longer required because operation of the system is no longer required. Inspections of the operating SSDSs will continue according to the requirements of the SMP.

A Corrective Measures Plan is neither required nor beneficial at this time for the following reasons:

- Groundwater monitoring has been performed in the source area for 32 years (since 1991 at MW-2), for 22 years (since 2001) at the downgradient property boundary, and for 17 years since the second round of HRC injection in September 2006.
- Groundwater monitoring data indicate the area of impact is localized and groundwater quality is stable within the boundaries of the property with relatively minor increases and decreases in total VOCs.
- There are no groundwater receptors and the Record of Decision (ROD) “restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the Department, NYSDOH or Ulster County DOH”.
- The implemented remedial measures and extensive post-remediation monitoring demonstrate groundwater impacts at the Site pose no threat to human health and the environment for the contemplated use of the site as a commercial shopping center.
- Sampling and analysis of off-site drinking water sources indicate there are no impacts on groundwater quality downgradient of the Site.
- The NYSDEC generic Remedial Action Objectives (RAOs) for protection of public health have been met.

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Groundwater
RAOs for Public Health Protection
•Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
•Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

RAOs for Environmental Protection
•Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
•Remove the source of groundwater contamination.

The 1997 remediation removed impacted soil (223 tons) that was accessible. The HRC injection (2003 and 2006), the SSDS, the engineering and institution controls, have been sufficient to ensure site conditions are protective of human health and the environment for the contemplated use of the site as a commercial shopping center, notwithstanding the remaining concentrations of total VOCs in the on-site groundwater.

2.0 SITE OVERVIEW

New Paltz Plaza is located approximately 0.3 mile west of the New York State Thruway on NYS Route 299 (Main Street) in New Paltz, Ulster County, New York (Figure 1). The New Paltz Plaza is in an area of commercial business within the Town of New Paltz. Several commercial establishments are present south of the Plaza. A medical office building and bank building are located east of the Plaza. Residential portions of the Village of New Paltz are present to the west, and an apartment complex is located adjacent to the Plaza to the north. The Plaza consists of single story concrete block buildings and adjacent asphalt covered parking areas. Most of the site beyond the buildings is paved asphalt parking, access roads and delivery areas for the Plaza.

Figure 2 is a map showing the location of the components of the selected remedy for the site, including the SSDS, phytoremediation area, HRC injection area, and area where soil and impacted groundwater removal was performed.

The contaminants of concern at the site are tetrachloroethylene (PCE) associated with the former dry-cleaning store and its degradation compounds, as described further in Section 5.0. The nature and extent of the impacted area before completion of remedial activities was similar to the area described in Section 1.2. The concentration of total VOCs in groundwater decreased from pre-remediation concentrations because of the source removal remedial activities.

2.1 Remedial History

The following list provides a chronological overview of the significant events and work that have occurred at the site since 1991.

- A Site Investigation was conducted from 1991 through 1996 and included historical review, floor drain investigation, soil gas survey, soil borings and sampling, groundwater sampling, sewer survey, test pit investigation, and geoprobe investigation. A summary of this work was included in NYSDEC's April 1997 *Fact Sheet, Remedial Response Proposed to Address Contamination at New Paltz Plaza.*

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- The NYSDEC-approved a Remedial Plan on October 27, 1997 based on the extensive site investigations. The public comment period for the Remedial Plan was April to May 1997. A Volunteer Agreement dated December 17, 1997 (INDEX NO: W3-0782-97-10) was executed by the parties identifying New Paltz Plaza Properties, L.P., and New Paltz Plaza, Inc as Volunteers that agreed to implement the Remedial Plan in exchange for a site release.

- The Remedial Plan was implemented in December 1997 and a Remediation Report was submitted to NYSDEC on June 17, 1998. Remediation included removal and disposal of 223 tons of soil as hazardous waste and 10,000 gallons of contaminated groundwater. The Remediation Report was certified by a New York State Professional Engineer.

- One year of post-remediation groundwater monitoring was conducted from February 1998 through February 1999 in accordance with the NYSDEC-approved Remediation Plan. Quarterly groundwater monitoring reports were submitted to NYSDEC in accordance with the approved Remediation Plan.

- A soil gas investigation was conducted and completed in April 1999 at the request of the NYSDEC and New York State Department of Health (NYSDOH). The results of the investigation indicated no risk to potential offsite, downgradient receptors from vapors generated from contaminated groundwater.

- A Groundwater Monitoring Plan for continued post-remediation groundwater monitoring and a Contingency Plan were implemented and approved by the NYSDEC in 2001. Annual groundwater monitoring and reporting continued in compliance with the NYSDEC-approved Plans.

- The investigative phase of the Contingency Plan was conducted in January 2003 and an additional remedial measure (HRC injection) was performed in November 2003. Groundwater monitoring indicated that the HRC injection substantially reduced the concentration of contaminants in groundwater.

- A SSDS was installed in June 2005 beneath the eastern portion of the Plaza, with the exception of the cinema. Pressure field extension measurements and sub-slab soil vapor samples collected before and after system start-up indicate the system is effective. The NYSDEC and NYSDOH agreed that a SSDS was not necessary beneath the cinema based on the results of a vapor sample collected from beneath that building.

- A conceptual plan for expanded site remediation using HRCs was submitted to the NYSDEC in December 2005, approved in January 2006, and subsequently implemented in September 2006.

- A SSDS was installed beneath the Stop & Shop store during construction of that building in the Spring-Summer 2006.

- Phytoremediation (planting poplar trees for groundwater and contaminant uptake) was performed in the Spring of 2007.

- The NYSDEC issued a ROD for this site in March 2010. A ROD is the NYSDEC's definitive record of the remedy selection process for the site and presents the final remedial action plan approved by the NYSDEC, NYSDOH, and the New York State Department of Law.

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- The NYSDEC issued a "release letter" to the Volunteer owner on May 30, 2012 indicating that No Further Action is necessary after the ROD for the site is issued. The letter constitutes a release of environmental liability for the owner, its successors and assigns, under the Volunteer Agreement.

- A SMP, dated July 6, 2011, was submitted to the NYSDEC and approved on November 29, 2011. A revised SMP, dated October 16, 2014, is in place for ongoing monitoring.

- Previous PRRs dated April 2013 (revised October 2013), March 11, 2015, December 27, 2018, and September 28, 2022 were submitted to the NYSDEC to document site environmental conditions and on-going monitoring.

- Operation of the SSDS beneath the former Stop & Shop was discontinued on or about March 22, 2018 with the approval of the NYSDEC and NYSDOH, as described more fully in Section 4.2 of this report.

- Annual Groundwater Sampling and SSDS Inspection Reports dated November 6, 2023 and September 18, 2024 were submitted to the NYSDEC to document groundwater sampling conducted on August 22, 2023 and August 21, 2024, respectively.

- Groundwater samples were collected on August 22, 2023, August 21, 2024, and August 12, 2025. The results from these samples are included in this PRR and are discussed in Section 5.0.

There have been no changes to the selected remedy and there have been no substantive changes in site conditions since the remedy selection and implementation of remedial measures other than as described in Section 4.2. The change in the engineering controls is the shutdown of the SSDS beneath the former Stop & Shop (now Tops Market) in March 2018 as approved by NYSDEC and NYSDOH.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

This section provides an evaluation of the extent to which the implemented remedy meets the remedial objective to minimize or eliminate exposure pathways or significant risks to the public or the environment under the conditions of the contemplated use of the site (i.e. Restricted Commercial; shopping center). The implemented remedy and engineering controls include source removal, in-situ remediation (HRC injection), phytoremediation, installation and operation of SSDSs, and groundwater monitoring.

3.1 Performance

The results of analysis of soil samples collected during the source removal action indicate that soil impacted with VOCs and petroleum was excavated and disposed, thereby removing a potential continuing source of groundwater contamination. Injection of HRCs provided a means of continued, long-term degradation of residual VOCs in groundwater. The majority of the VOCs analyzed in groundwater samples meet the applicable groundwater Standards, Criteria and Guidance (SCG), as described in Section 5.0. The area of groundwater that exceeds the SCGs is well defined by 32 years of groundwater quality data, 17 years of which are after implementation of a second HRC injection in September 2006. The installation and operation of the SSDS is a mitigation measure that has prevented human exposure to the sub-slab VOC vapors.

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3.2 Effectiveness

The selected remedy (source removal, in-situ remediation (HRC injection), phytoremediation, installation and operation of SSDSs, and groundwater monitoring) is an effective short-term remedial measure. The remedy immediately removed contaminants from the site environment and eliminated the potential for human exposure. Groundwater sampling and analysis monitors the effectiveness of the remedy and impacts from residual contaminants. There are no known risks to workers, the community, or the environment from the selected remedy.

The soil removal action, injection of HRCs, installation of the SSDS, phytoremediation, and groundwater monitoring are effective long-term remedial measures. The soil removal action permanently removed contaminants from the environment. HRC is a long-term remedy designed to remain active and degrade chlorinated compounds throughout a period of several years. The long-term effect of the HRC is to eliminate or reduce the concentration of VOCs in groundwater. Groundwater monitoring is an accepted method of monitoring the long-term effectiveness of remediation. Phytoremediation is a long-term, relatively permanent remedy.

The SSDSs also are a permanent remedy for as long as they continue to operate. The SSDS is subject to a SMP that specifies continued operation of the system and the criteria under which operation may be discontinued. The continued operation of the SSDS eliminates the only identified potential exposure pathway. There are no significant threats, exposure pathways, or risks to the public or environment from remaining VOCs in the groundwater on this basis.

3.3 Protectiveness

The implemented remedy achieves the remedial action objective to protect human health and the environment for the contemplated use. The impacted soil and liquid removed during the source removal action were transported offsite for disposal at a secure hazardous waste disposal facility. This source removal action effectively removed the accessible source of contamination from the environment.

The SSDSs create a negative pressure beneath the slab of the eastern portion of the Plaza. The SSDS removes the vapors from beneath the slab and prevents potential intrusion of the vapors into the buildings. The vapors are vented to the atmosphere in an acceptable manner that prevents human exposure to elevated concentrations of VOCs.

Groundwater sampling and analysis is performed to monitor the concentration of residual compounds in groundwater at the site. The results of the sampling and analysis indicate that the area of contamination is localized to the site, and that the residual compounds in the groundwater are not a threat to offsite receptors. The results further indicate that the concentrations of VOCs in groundwater have been substantially reduced compared to initial historical levels. These conditions indicate VOCs have not migrated offsite. Sampling and analysis of off-site drinking water sources indicate there are no impacts on groundwater quality downgradient of the Site. Human exposure is not an issue because there is no pathway for human contact with, or use of, the impacted groundwater under the conditions of the contemplated restricted commercial use of the site and because of the restrictions in the Environmental Easement on groundwater use.

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4.0 IC/EC COMPLIANCE REPORT

4.1 Institutional Control

The institutional control for the site consists of a Declaration of Covenants and Restrictions that includes groundwater use restrictions, land use restrictions, a SMP, and certification reporting. The deed restriction prohibits the use of the property for any means other than the contemplated restricted commercial use of the site. The deed restriction also restricts groundwater use and requires that any impacted soil encountered during future intrusive activities be managed and disposed according to State regulations. Finally, the deed restriction requires compliance with the SMP, including the periodic reporting covered by this report. The deed restriction for the property that outlines these use restrictions was filed in Ulster County (Document No. 2012-00005593).

Bank of America Construction Activities

Minor construction and ground intrusive construction activities were performed in April 2025 at the Bank of America building on the southern-most portion of the site to upgrade the ATM at the bank. Construction and excavation activities were performed in April 2025 by contractors, engineers, and architects for Bank of America, a current tenant of New Paltz Plaza, to upgrade a drive-thru ATM, exterior lighting, and electrical improvements. The construction activities included ground disturbance below a portion of the pavement and concrete cover at the Bank of America drive-through window on the south side of the building. All construction reportedly was in conformance with a town issued building permit, dated November 1, 2024. The Construction and Excavation Report for Bank of America, dated June 4, 2025 was accepted by the NYSDEC in an email transmitted letter dated August 7, 2025. The Construction and Excavation Report is provided as Appendix B.

4.2 Engineering Control

The engineering control at the site consists of a SSDS under the eastern portion of the Plaza which is comprised of eight (8) sub-systems, and an offline SSDS beneath the former Stop & Shop (now Tops Market) building, as described in Section 1.4. During the period covered by the PRR, the SSDSs beneath the eastern portion of the Plaza were inspected on August 22, 2023, August 21, 2024, and August 12, 2025. The fan unit at the Tasteas store (former jewelry store) was found to be inoperable during the August 22, 2023 inspection. STERLING replaced the fan with a RadonAway Model HS5500 and the fan resumed operation on September 19, 2023. The fan was operating 19 inches of water following installation and startup. All other gauges and alarms were functioning properly, and all system piping seals and connections were found to be tight. The inspection forms/reports are provided in Appendix C.

Additionally, during the period covered by this PRR, Alpine Environmental Services, Inc. replaced the fan in the Bubbles Coin Laundry space for the SSDS on January 24, 2025. Failure of the fan triggered a low-pressure alarm alerting the tenant of an issue. A RadonAway Model HS5500 was installed to replace the failed fan and the operating pressure was 5 inches of water upon startup.

The NYSDOH approved shutdown of the SSDS in the Tops Supermarket on March 19, 2018, with the understanding the SSDS piping would remain in place if the system needed to be restarted. The letter from NYSDOH is provided in Appendix D. The SSDS was subsequently shutdown on or about March 22, 2018 by Tops Markets personnel. All related sampling results are documented in a separate report submitted to NYSDEC and NYSDOH on November 17, 2017.

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4.3 Continuing Obligations

A list of continuing obligations of the owner is part of the Declaration of Covenants and Restrictions. The list of continuing obligations includes the following:

- Restrictions on new construction,
- Requirement not to interfere with engineering controls required for the remedy,
- Restriction of property use to commercial or industrial purposes,
- Restrictions on groundwater use,
- Requirement to provide periodic annual certification and the continuation of institutional and engineering controls,
- Maintenance of engineering controls, and
- Obligation to comply with the SMP.

These obligations continue until such time as permission is requested and received from the NYSDEC or relevant agency to discontinue such obligations.

5.0 MONITORING PLAN COMPLIANCE REPORT

The revised SMP includes annual sampling and analysis of groundwater. According to the revised SMP, water levels are to be measured and groundwater samples are to be collected and analyzed annually from five (5) wells. The NYSDEC approved abandoning eight (8) of the thirteen (13) previously monitored wells that comprised the monitoring well network in its letter dated September 2, 2014. Wells MW-1, MW-3, MW-4, MW-6, MW-7, MW-12, BR-1 and BR-4 were abandoned in accordance with NYSDEC well decommissioning criteria (CP-43) for in-place abandonment on December 4, 2014. Wells MW-2, MW-9, MW-10, MW-11 and BR-2 remain in place for continued monitoring, until such time as the NYSDEC approves discontinued monitoring of individual wells or all wells, based on analytical results. Samples are analyzed for VOCs by USEPA Method 8260.

The locations of the monitoring wells comprising the current monitoring network are shown on Figure 3. The groundwater occurs at shallow depths beneath the site and groundwater flow is toward the north-northwest, consistent with historical measurements. Figures 4, 5 and 6 show groundwater contours in the overburden water-bearing zone prepared using the groundwater levels measured on August 22, 2023, August 21, 2024, and August 12, 2025, respectively.

Groundwater samples were collected from wells MW-2, MW-9, MW-10, MW-11 and BR-2 consistent with the procedures in the SMP. A summary of the laboratory analytical results for the samples collected on all dates from wells MW-2, MW-9, MW-10, MW-11 and BR-2 is provided in Tables 2 through 6, respectively.

Groundwater Sampling and SSDS Inspection Reports dated November 6, 2023 and September 18, 2024 were submitted to the NYSDEC to document groundwater sampling conducted on August 22, 2023 and August 21, 2024, respectively. Copies of these reports, including laboratory analytical reports are presented in Appendix E. The laboratory analytical reports for the samples collected on August 21, 2024 and August 12, 2025 are presented in Appendix F.

Graphs prepared for wells MW-2, MW-9, MW-10, and showing the concentration of PCE and total VOCs in each well, are presented as Figures 7, 8, and 9, respectively. Review of the graphs indicates the area of

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impact is localized and groundwater quality is stable within the boundaries of the property with relatively minor increases and decreases in total VOCs over the past several years.

The historical groundwater analytical results are tabulated for abandoned wells MW-1, MW-3, MW-4, MW-6, MW-7, MW-12, BR-1, and BR-4 and are presented in Appendix G.

The relatively stable concentrations of VOCs in the groundwater have defined the area of impact and documented improvements in the groundwater quality over time. The area of contamination is localized to the site, and the residual compounds in the groundwater do not affect offsite receptors.

6.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

The results of the groundwater monitoring suggest that overall groundwater quality is stable within the boundaries of the property with relatively minor increases and decreases in total VOCs. The data indicate that concentrations of VOCs decreased substantially in the source area over time, as indicated by the monitoring at well MW-2. Concentrations of VOCs at all other wells monitored (BR-2, MW-9, MW-10 and MW-11) are relatively low compared to the source area and remain stable.

These groundwater analytical results indicate that the remedial objective to minimize or eliminate exposure pathways or significant risks to the public or the environment under the conditions of the contemplated use of the site (i.e., commercial shopping center) is being met.

The results of the SSDS inspections indicate that the systems continue to operate with maintenance being performed, as needed.

Groundwater quality generally has improved at the site as a result of the implemented remedy, as described in previous sections of this PRR. The SSDSs were installed in 2005 and 2006 and have operated nearly continuously since that time.

7.0 IC AND EC CERTIFICATION FORM

The NYSDEC Institutional and Engineering Control Certification Form for Site No. V00087, New Paltz Plaza/Revonak Dry Cleaners, is presented in Appendix H.

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TABLES

TABLE 1
Ground Water Elevations
Ground Water Monitoring Program
New Paltz Plaza

Well ID	Measuring Point Elevation	August 22, 2023	
		Depth to Water (ft.)	Water Level Elevation
MW-2	97.31	3.04	94.27
MW-9	92.04	2.94	89.10
MW-10	92.56	8.52	84.04
MW-11	92.52	9.55	82.97
BR-2	94.95	1.87	93.08

Well ID	Measuring Point Elevation	August 21, 2024	
		Depth to Water (ft.)	Water Level Elevation
MW-2	97.31	3.31	94.00
MW-9	92.04	3.41	88.63
MW-10	92.56	8.50	84.06
MW-11	92.52	9.44	83.08
BR-2	94.95	2.80	92.15

Well ID	Measuring Point Elevation	August 12, 2025	
		Depth to Water (ft.)	Water Level Elevation
MW-2	97.31	3.74	93.57
MW-9	92.04	4.49	87.55
MW-10	92.56	9.00	83.56
MW-11	92.52	9.32	83.20
BR-2	94.95	4.05	90.90

Notes:

1. Measuring point elevations are from 1/20/98 survey data, except for MW-11 and MW-12. MW-11 and MW-12 were surveyed on 8/30/2007. Elevations are relative to an arbitrary site datum of 100 feet.

2. Wells MW 1, MW-3, MW 4, MW 6, MW 7, MW 12, BR 1 and BR-4 were abandoned on December 4, 2014. Wells MW-2, MW-9, MW-10, MW-11 and BR-2 remain in place for continued monitoring.

3. Well BR-2 was repaired in 2021. Approximately 0.25 feet of steel casing was removed. Measuring Point Elevation is approximate.

TABLE 2

Well MW-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/5/1996	3/7/1996	3/19/1996	3/19/1996	3/22/1996	4/26/1996		2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998		2/26/1999	2/26/1999	2/26/1999
Halogenated Volatile Organics																		
Vinyl Chloride	<1000	U	<500	<500	<200	<2,000	<500	<1,000		21	20	<10	10	13		<10	<10	11
cis-1,2-Dichloroethene	<500	600	<500	<500	420	<1,000	260	280		160	200	100	150	150		120	120	130
1,1,1-Trichloroethane	<500	<500	550	750	590	<1,000	270	300		160	130	20	47	30		18	18	20
Trichloroethene	1,400	<500	<500	<500	<200	<1,000	160	<200		120	140	53	150	150		87	87	86
Tetrachloroethene	3,100	7,600	21,000	31,000	21,000	21,000	13,000	15,000		9,100	5,600	2,100	4,500	3,600		2,700	2,700	2,700
1, 1-Dichloroethane	<500	U	<500	U	U	U	<100	<200		6	4.0	<10	5.1J	<10		<10	<10	2.3
1, 1-Dichloroethene	<500	U	<500	U	U	U	<100	<200		12	7.0	<10	<10	<10		<10	<10	1.5
trans-1, 2-Dichloroethene	<500	U	<500	U	U	U	<100	<200		<1.0	2.0	<10	<10	<10		<10	<10	1.0
1,1,1,2-Tetrachloroethane	NA	U	NA	U	U	U	NA	NA		4.1	<1.0	<10	<10	<10		<10	<10	<1.0
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA		NA	<1.0	<1.0
TOTAL VOCs	**4500**	**8200**	**21550**	**31750**	**22010**	**21000**	**13690**	**15580**		**9583.1**	**6103**	**2273**	**4862.1**	**3943**		**2925**	**2925**	**2951.8**
		(Dup)		(Dup)														
	8/2/2001	8/2/2001	11/6/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection; November 2003	5/19/2004	11/16/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007
Halogenated Volatile Organics																		
Vinyl Chloride	31	25	<10	<10	<10	5.5	<10	5.6		60	19	37	110	620		40	37	67
cis-1,2-Dichloroethene	440	370	260	240	140	110	500	290		5200	53	87	370	1400		130	110	210
1,1,1-Trichloroethane	26	29	7.8J	7.1J	5.2J	20	13	29		20	<1.0	2.0	1.0	<1.0		1.0J	<5.0	<5.0
Trichloroethene	320	340	130	120	67	34	180	170		170	8.9	13	19	24		23	12	20
Tetrachloroethene	4,700	5,500	2,300	2,300	1,300	670	2,500	3,900		58	33	84	100	110		220	270	270
1, 1-Dichloroethane	<10	3.6	<10	<10	<10	1.2J	<10	<10		14	5.6	7.9	9.4	9		6	<5.0	5
1, 1-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		7.0	<1.0	<1.0	0.51J	<1.0		<5.0	<5.0	<5.0
trans-1, 2-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		34	8.6	8.2	14	24		9	6	7
1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	<10	<2.0	<10	<10		<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5	<5.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	24	20	14	2.0J		7	7	18
TOTAL VOCs	**5517**	**6274.6**	**2697.8**	**2667.1**	**1512.2**	**840.7**	**3193**	**4394.6**		**5563**	**152.1**	**259.1**	**637.9**	**2189**		**436**	**442**	**597**
												(DUP)		(DUP)				
	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016		9/5/2017	11/20/2018	11/20/2018	11/14/2019	11/14/2019		9/2/2021	8/10/2022	8/22/2023
Halogenated Volatile Organics																		
Vinyl Chloride	56	20	300	11	120	160	240	260		470	800 E	640	350	400		120	580	350
cis-1,2-Dichloroethene	250	60	900	35	300	1200	1200	1800		1900	3100 E	2600	2600	3000		1600	3100	2500
1,1,1-Trichloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<18	<50		<50	0.93 J	<62	<62	<62		<25	<50	<50
Trichloroethene	31	9	<25.0	<5.0	16	55	41	79		41	100	83	240	240		140	460	340
Tetrachloroethene	330	84	480	5.3	220	460	120	170		65	180	160	740	760		320	1000	870
1, 1-Dichloroethane	10	<5.0	<25.0	<5.0	2.9J	<50.0	<18	<50		<50	11	<62	<62	<62		<25	<50	<50
1, 1-Dichloroethene	<5.0	<5.0	<25.0	<5.0	<5.0	<10.0	<3.6	4.2 J		3.7 J	5.6	<12	<12	<12		<5.0	7.1 J	6 J
trans-1, 2-Dichloroethene	10	<5.0	<25.0	<5.0	5.9	<50.0	<18	14 J		24 J	24	25 J	<62	<62		10 J	23 J	21 J
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<3.6	<10		NA	NA	NA	NA	NA		<5.0	NA	NA
Chloroethane	16	13	<25.0	<10.0	<5.0	<50.0	<18	<50		<50	<2.5	<62	<62	<62		<25	<50	<50
TOTAL VOCs	**703**	**186**	**1680**	**51.3**	**664.8**	**1875**	**1601**	**2327.2**		**2503.7**	**4111.53**	**3508**	**3930**	**4400**		**2190**	**5170.1**	**4087**

Halogenated Volatile Organics	8/21/2024	8/12/2025
Vinyl Chloride	250	290
cis-1,2-Dichloroethene	2900	3800
1,1,1-Trichloroethane	<50	< 5.0
Trichloroethene	370	410
Tetrachloroethene	990	860
1, 1-Dichloroethane	<50	< 5.0
1, 1-Dichloroethene	5.9 J	< 5.0
trans-1, 2-Dichloroethene	23 J	26
1,1,1,2-Tetrachloroethane	<10	< 5.0
Chloroethane	<50	< 5.0
TOTAL VOCs	**4538.9**	**5386**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NA = Sample not analyzed for indicated compound.
5. < = Compound was not detected at or above the given PQL shown.
6. All results are in micrograms per liter (ug/l, ppb).
7. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
8. D = Indicates a dilution of the sample was required for analysis.

TABLE 3

Well MW-9
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/13/1998	8/26/1998	(Dup) 8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics												
Vinyl Chloride	41	9.1	3.8	4.2	51	18	<1.0	13	6.1	4.8	5.1	6.4
trans-1,2-Dichloroethene	3.0	2.9	3.2	3.2	2.3	2.4	2.3	2.0	1.1	1.1	1.9	2.2
cis-1,2-Dichloroethene	700	420	340	360	410	480	220	160	89	130	140	260
1,1,1-Trichloroethane	1.0	<1.0	0.6J	<1.0	1.0J	0.7J	<1.0	0.71J	<1.0	<1.0	<1.0	<1.0
Trichloroethene	150	130	140	150	110	110	120	99	59	58	62	98
Tetrachloroethene	1,000	1,100	980	1100	870	870	830	890	460	400	350	630
Methylene Chloride	<1.0	<1.0	<1.0	1.0J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	0.8J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs	**1895.8**	**1662**	**1467.6**	**1618.4**	**1446.4**	**1481.1**	**1172.3**	**1164.7**	**615.2**	**593.9**	**559.0**	**997**

	8/18/2004	2/21/2005	8/30/2005	8/31/2006	12/14/2006		3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011
Halogenated Volatile Organics													
Vinyl Chloride	1.7	3.3	1.0	2.0J	16		5.0	8	12	<5.0	<10	<20	2.0J
trans-1,2-Dichloroethene	1.2	0.65J	0.76	2.0J	2.0J		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
cis-1,2-Dichloroethene	99	70	74	200	180		140	110	120	110	69	76	170
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
Trichloroethene	62	36	51	48	47		30	28	42	24	22	24	17
Tetrachloroethene	430	220	210	280	210		230	210	300	180	150	190	140
Methylene Chloride	<1.0	1.2	<1.0	<5.0	2.0JB		<5.0	<5.0	<5.0	<5.0	<10	<10	2.8J,B
Chloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<20	<5.0
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
TOTAL VOCs	**594**	**331**	**337**	**532**	**457**		**405**	**356**	**474**	**314**	**241**	**290**	**331.8**

HRC Injection: September 2006

Halogenated Volatile Organics	4/3/2013	12/4/2014	4/5/2016	(Dup) 4/5/2016	9/5/2017	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023	8/21/2024	8/12/2025
Vinyl Chloride	1.2	3.2	0.77 J	0.92 J	27	26	28	17	17	12	8	8.1
trans-1,2-Dichloroethene	<2.5	<0.7	<2.5	<2.5	<5.0	1.1 J	0.90 J	2.6 J	2.3 J	2.2 J	1.9 J	2.0 J
cis-1,2-Dichloroethene	17	18	5.5	6.5	180	140	85	250	170	200	110	130
1,1,1-Trichloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5	< 5.0
Trichloroethene	11	8.7	2.5	3.2	14	10	9	22	33	34	37	30
Tetrachloroethene	95	31	7.1	11	53	31	33	46	140	160	220	120
Methylene Chloride	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5	< 3.0
Chloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5	< 5.0
1,1-Dichloroethene	<0.5	<0.7	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	0.17 J	<1.0	<0.5	< 1.0
TOTAL VOCs	**124.2**	**60.9**	**15.87**	**21.62**	**274**	**208.1**	**155.9**	**337.6**	**362.5**	**408.2**	**376.9**	**290.1**

Halogenated Volatile Organics	(Dup) 8/12/2025
Vinyl Chloride	8.1
trans-1,2-Dichloroethene	1.9 J
cis-1,2-Dichloroethene	130
1,1,1-Trichloroethane	< 5.0
Trichloroethene	31
Tetrachloroethene	120
Methylene Chloride	< 3.0
Chloroethane	< 5.0
1,1-Dichloroethene	< 1.0
TOTAL VOCs	**290.1**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. < = Compound was not detected at or above the PQL shown.
4. All results are in micrograms per liter (ug/l, ppb).
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
6. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.

TABLE 4

Well MW-10
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006		12/14/2006	3/28/2007	6/21/2007	8/30/2007	8/30/2007 (duplicate)	3/7/2008
Halogenated Volatile Organics										HRC Injection; September 2006						
Vinyl Chloride	2	1.5	0.9J	<1.0	0.8J	1.2	1.9	1.7	<1.0		31	24	29	53	56	<5.0
trans-1,2-Dichloroethene	2.4	1.8	1.6	3.5	2.3	2.8	2.7	2.3	<1.0		6	<5.0	<5.0	<5.0	<25	<5.0
cis-1,2-Dichloroethene	410	250	370	500	370	490	360	420	140		690	220	330	550	580	35
1,1,1-Trichloroethane	0.93 J	0.91J	0.7J	<1.0	<1.0	0.6J	<1.0	0.59J	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Trichloroethene	63	57	53	64	70	61	55	66	13		23	13	23	<5.0	<25	<5.0
Tetrachloroethene	620	420	450	470	460	600	350	380	97		70	66	67	80	75	11
1,1-Dichloroethene	0.63 J	<1.0	<1.0	<1.0	<1.0	0.6J	0.53J	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Chloroethane	<1.0	<1.0	0.5J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	7	29	<5.0	<25	<5.0
Aromatic Volatile Organics																
MTBE	NA	NA	1.1	<1.0	<1.0	<1.0	<1.0	NA	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
TOTAL VOCs	**1099.0**	**731.2**	**877.8**	**1037.5**	**903.1**	**1156.2**	**770.1**	**870.6**	**250**		**820**	**330**	**478**	**683**	**711**	**46**

	9/25/2008	(Dup) 9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	9/5/2017	11/20/2018	11/14/2019		9/2/2021	8/10/2022	8/10/2022 (duplicate)	8/22/2023	8/22/2023 (duplicate)	8/21/2024
Halogenated Volatile Organics																
Vinyl Chloride	<50	<25	96	26	6.6	5	0.43 J	<1.0	<1.0		0.10 J	<1	<1	1.1	1.2	0.79 J
trans-1,2-Dichloroethene	<50	<25	<25	3.1J	<12	<1.8	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	890	800	930	240	320	160	31	2.8	2.3 J		18	5.1	5.3	43	45	40
1,1,1-Trichloroethane	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	<50	26	30	15	15	14	4.2	1.1	0.86		2.8	1.9	1.9	3.7	4	3.7
Tetrachloroethene	84	90	130	78	66	47	16	2.9	2.5		3.5	3.4	3.2	3.6	3.6	4.1
1,1-Dichloroethene	<50	<25	<25	<5.0	<2.5	<0.36	<0.50	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	<50	<25	<50	<5.0	<12	<1.8	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aromatic Volatile Organics																
MTBE	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**974.0**	**916.0**	**1186**	**362.1**	**407.6**	**226.0**	**51.6**	**6.8**	**5.66**		**24.4**	**10.4**	**12.2**	**51.4**	**53.8**	**48.59**

	8/12/2025
Halogenated Volatile Organics	
Vinyl Chloride	0.79 J
trans-1,2-Dichloroethene	1.1 J
cis-1,2-Dichloroethene	94
1,1,1-Trichloroethane	< 5.0
Trichloroethene	10
Tetrachloroethene	23
1,1-Dichloroethene	< 1.0
Chloroethane	< 5.0
Aromatic Volatile Organics	
MTBE	< 1.0
TOTAL VOCs	**128.90**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. NA = Compound not analyzed.
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

TABLE 5

Well MW-11
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	DUP 12/4/2014	4/5/2016	9/5/2017	11/20/2018	11/14/2019
Vinyl Chloride	8.0		3.0J	8	<5.0	5	16	17	<10	6.9	1.2	2.7	2.6	0.8 J	5.6	1.0	0.26 J
trans-1,2-Dichloroethene	NA		1.0J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1J	0.78 J	1.3 J	1.2 J	1.2 J	2.0 J	1.4 J	0.76 J
cis-1,2-Dichloroethene	140		35	54	16	17	84	140	160	240	130 E	110	110	120	180	100	61
Trichloroethene	6		3.0J	<5.0	<5.0	<5.0	5	6	9.1	4.7J	2.8	2.8	2.7	2.9	5.1	3.4	3.3
Tetrachloroethene	37		7	14	6	<5.0	18	14	17	3.5J	10	10	10	11	7.8	12	5.8
Methylene Chloride	<14		2JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.5J,B	<2.5	<0.70	<0.7	<2.5	<5.0	<2.5	<2.5
TOTAL VOCs	**191**		**51**	**76**	**22**	**22**	**123**	**177**	**186.1**	**258.7**	**144.8**	**126.8**	**126.5**	**135.9**	**200.5**	**117.8**	**71.1**

	9/2/2021	8/10/2022	8/22/2023	8/21/2024	DUP 8/21/2024	8/12/2025
Vinyl Chloride	0.49 J	0.68 J	0.78 J	0.29 J	0.32 J	1
trans-1,2-Dichloroethene	1.1 J	1.1 J	1.1 J	1.0 J	0.97 J	0.73 J
cis-1,2-Dichloroethene	79	72	66	51	48	33
Trichloroethene	3.4	5.7	5.2	5.9	5.9	4.1
Tetrachloroethene	11	11	6.1	5.7	6.4	7.4
Methylene Chloride	<2.5	<2.5	<2.5	<2.5	<2.5	< 3.0
TOTAL VOCs	**95.0**	**90.5**	**79.2**	**63.9**	**61.6**	**46.23**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. All results are in micrograms per liter (ug/l, ppb).
3. Compound was not detected at or above the PQL shown.
4. NA = Compound not analyzed.
5. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.
6. J = Indicates an estimated value less than the lowest standard.
7. < = Coumpound was not detected at or above the laboratory method detection limit.

TABLE 6

Well BR-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/13/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics											
Vinyl Chloride	13	6.1	10	12	5.2	3.8	6.6	5	3.4	4.1	2.3
cis-1,2-Dichloroethene	65	64	100	100	63	55	71	57	48	63	43
Trichloroethene	19	21	27	26	20	20	24	18	17	20	21
Tetrachloroethene	130E	200	210	230	180	200	230	170	170	200	150
Chloroethane	<1.0	<1.0	0.9J	1.0	<1.0	<1.0	1.2	0.97J	0.5J	<1.0	<1.0
trans-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.37J	<1.0
TOTAL VOCs	**97**	**291.1**	**347.9**	**369**	**268.2**	**278.8**	**332.8**	**251.0**	**238.9**	**287.5**	**216.3**

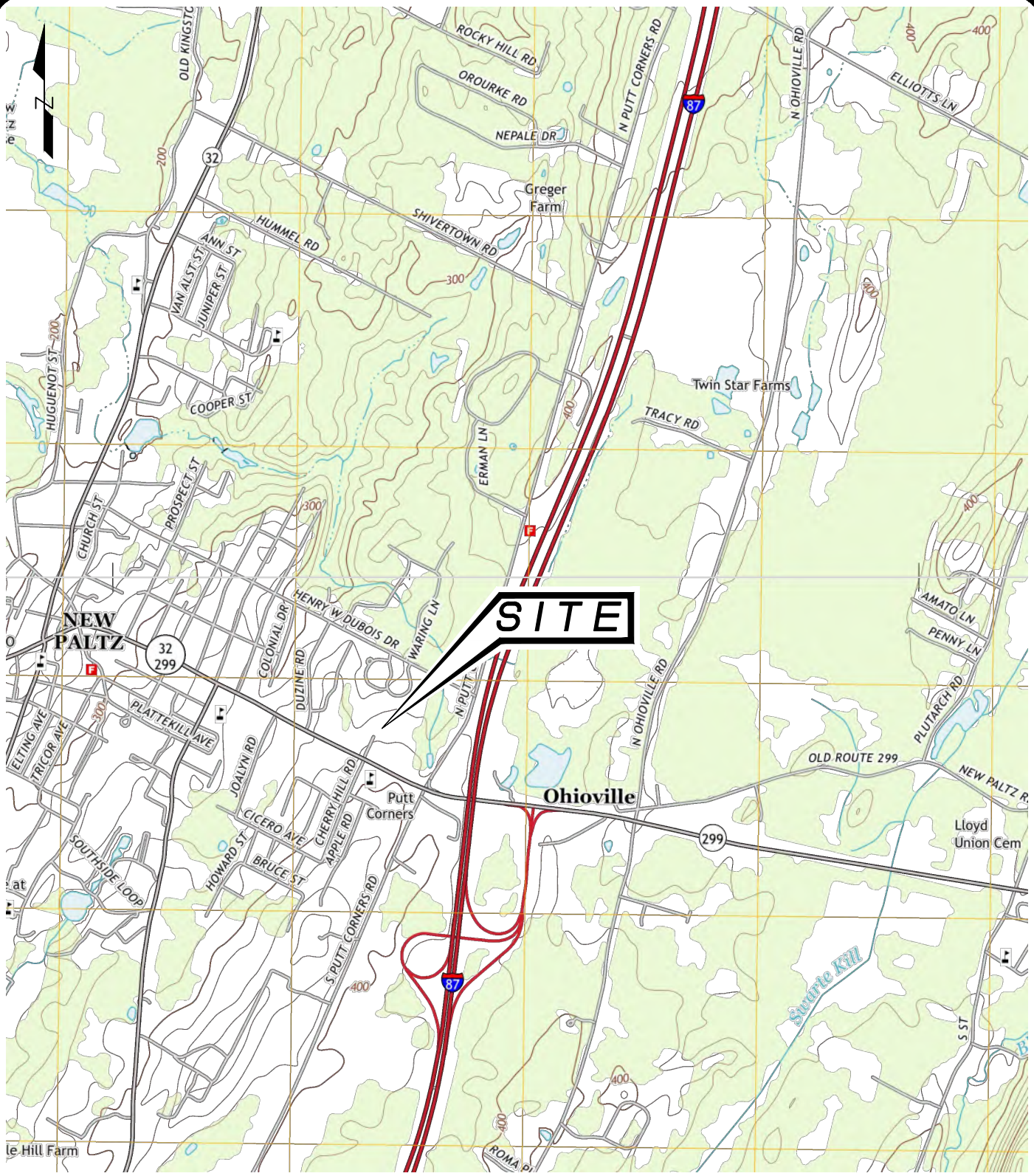
	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016	9/5/2017
Halogenated Volatile Organics											
Vinyl Chloride	4.1	4.1	4.0J	<5.0	<5.0	<10	1.2J	2.8	2.4	0.33 J	7.8
cis-1,2-Dichloroethene	48	66	56	62	65	<5.0	13	13	7.4	3	42
Trichloroethene	20	22	18	14	11	<5.0	3.5J	5.7	2.9	0.82	4.7
Tetrachloroethene	220	170	160	140	110	<5.0	28	48	14	1.9	7.7
Chloroethane	<1.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<2.5	<0.7	<2.5	<2.5
trans-1,2-Dichloroethene	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<2.5	<0.7	1.2 J	<2.5
TOTAL VOCs	**292.1**	**262.1**	**238.0**	**216.0**	**186.0**	**ND**	**45.7**	**69.5**	**26.7**	**7.25**	**62.2**

	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023	8/21/2024	8/12/2025
Halogenated Volatile Organics							
Vinyl Chloride	5.2	4.5	4.3	16	6.3	1.9	0.65 J
cis-1,2-Dichloroethene	6.2	6.7	5.8	46	35	3.9	4
Trichloroethene	0.27 J	1.4	0.41 J	0.81	2	0.54	< 1.0
Tetrachloroethene	0.63	5.6	0.18 J	1.1	1.2	<0.5	< 1.0
Chloroethane	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	< 5.0
trans-1,2-Dichloroethene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	< 5.0
TOTAL VOCs	**12.3**	**18.2**	**10.7**	**63.9**	**44.5**	**6.3**	**4.65**

Notes:

1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. E = Indicates an estimated value greater than the highest standard.
4. < = Compound was not detected at or above the PQL shown.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
7. Chloroform, Dibromochloromethane and Bromodichloromethane were detected in the sample collected on December 4, 2014 at 23 ppb, 0.58 ppb and 4.6 ppb, respectively. These compounds were not previously detected.

FIGURES



0 1000' 2000'

1" = 2000'

MAP REFERENCE: USGS ROSENDALE AND CLINTONDALE 7.5 MINUTE QUADRANGLE, 2013

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24 Wade Road • Latham, New York 12110

SITE LOCATION MAP

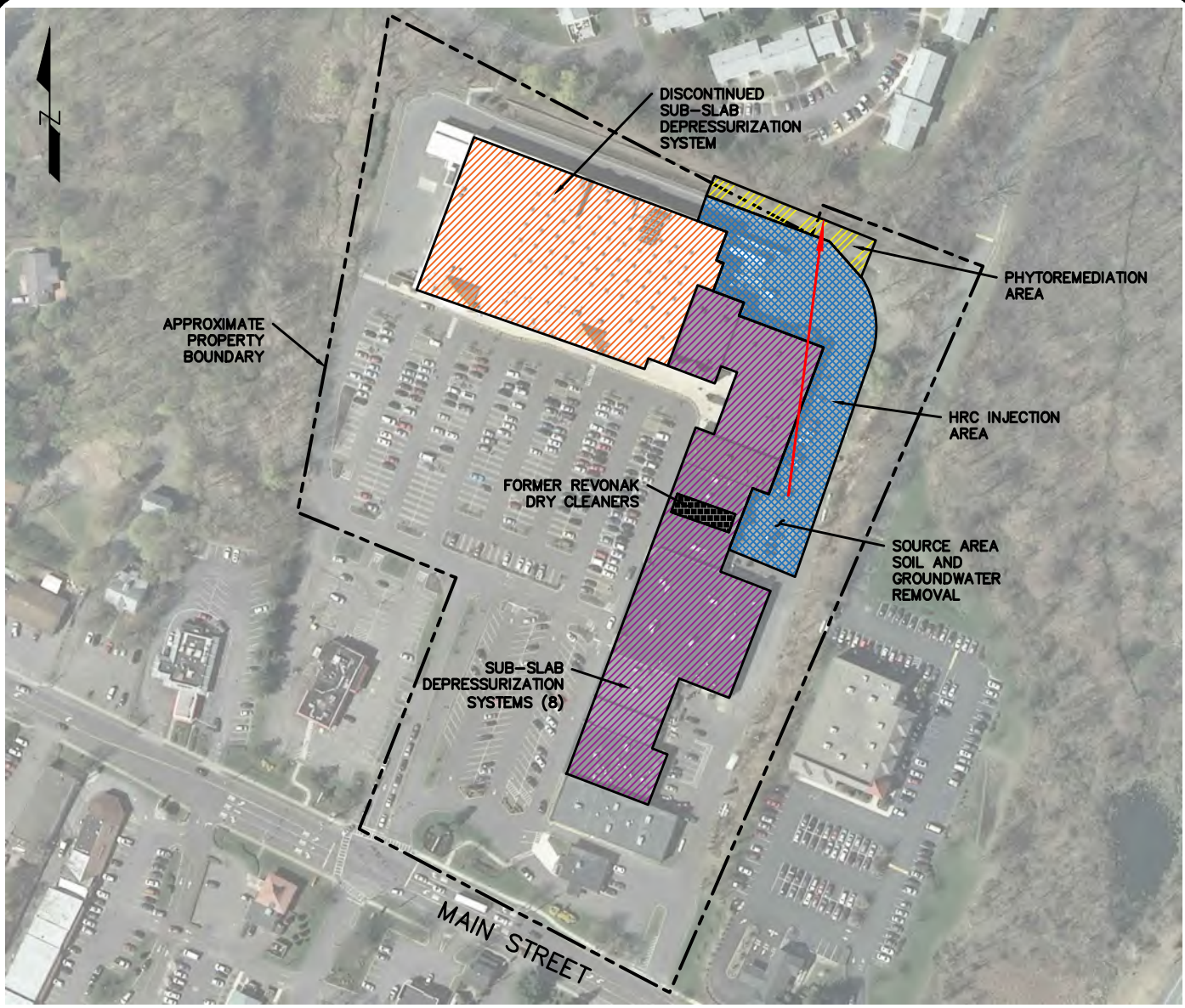
NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.: 2014-45	DATE: 8/10/2016	SCALE: 1" = 2000'	DWG. NO. 2014-45001	FIGURE 1

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45001_F-1 - Site Location Map.dwg SWEETT 8/10/2016 1:27 PM



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- SUB-SLAB DEPRESSURIZATION SYSTEM
- DISCONTINUED SUB-SLAB DEPRESSURIZATION SYSTEM
- HRC TREATMENT AREA
- PHYTOREMEDIATION AREA
- FORMER REVONAK DRY CLEANERS
- GENERALIZED GROUNDWATER FLOW DIRECTION

0 50' 100' 200'

1" = 200'

MAP REFERENCE: USGS HIGH RESOLUTION ORTHOIMAGERY, 2013

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24 Wade Road • Latham, New York 12110

SITE REMEDY MAP

NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.: 2014-45	DATE: 9/8/2022	SCALE: 1" = 200'	DWG. NO. 2014-45009	FIGURE 2

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45009_F-2 - Site Remedy Map.dwg PAUL.SCHOLAR 9/8/2022 5:09 PM



LEGEND:

MW-2 MONITORING WELL

APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2013

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24 Wade Road ♦ Latham, New York 12110

MONITORING WELL LOCATION MAP

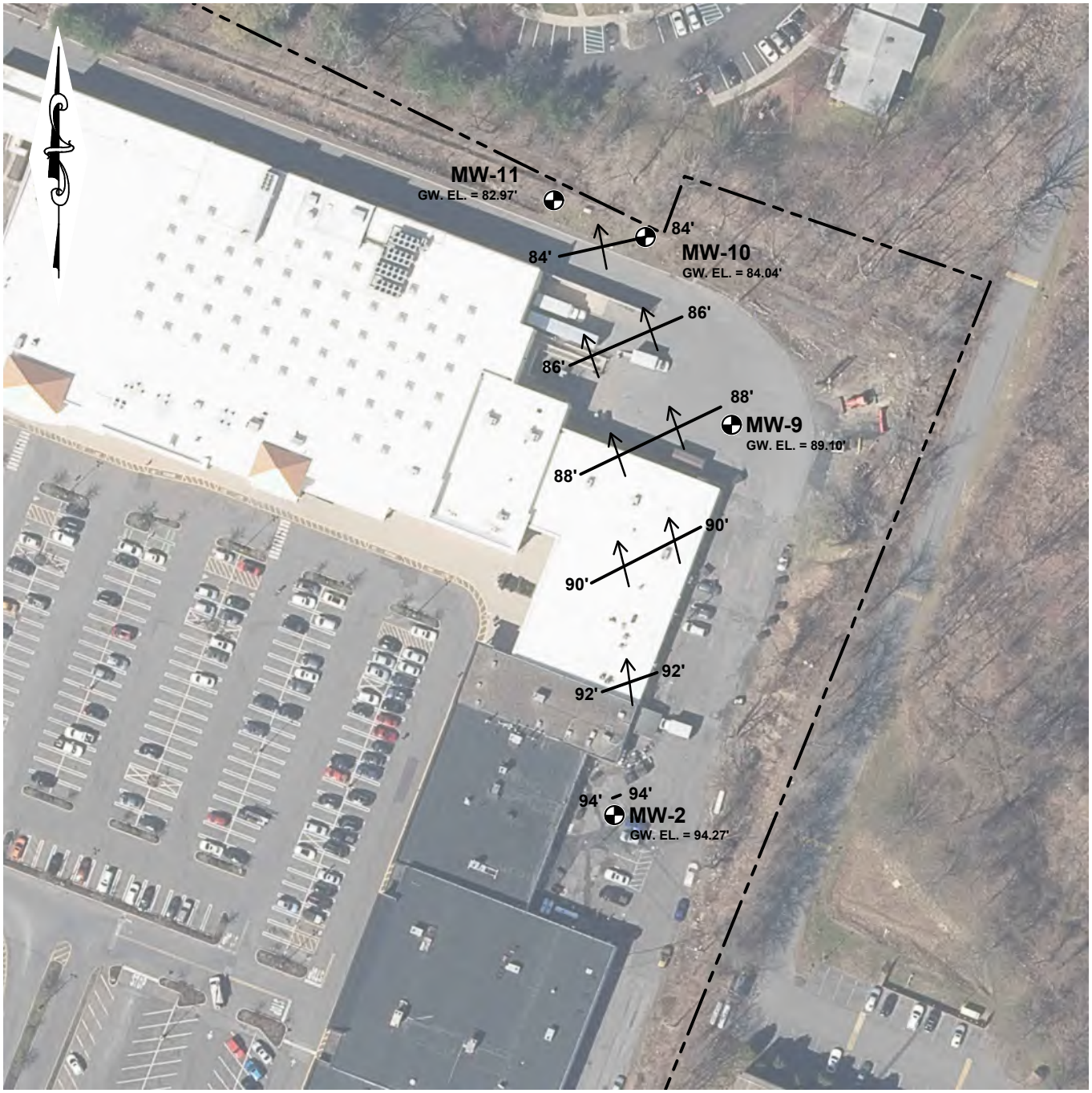
NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014-45	DATE: 8/31/2018	SCALE: 1" = 100'	DWG. NO. 2014-45004	FIGURE 3

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45005_F-3 - Well Location Map.dwg 8/31/2018 8:42 AM



LEGEND:

MW-2 (GW. EL. = 94.27') — MONITORING WELL, GROUNDWATER ELEVATION AUGUST 22, 2023

92' — GROUNDWATER CONTOURS

→ INFERRED GROUNDWATER FLOW DIRECTION

APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

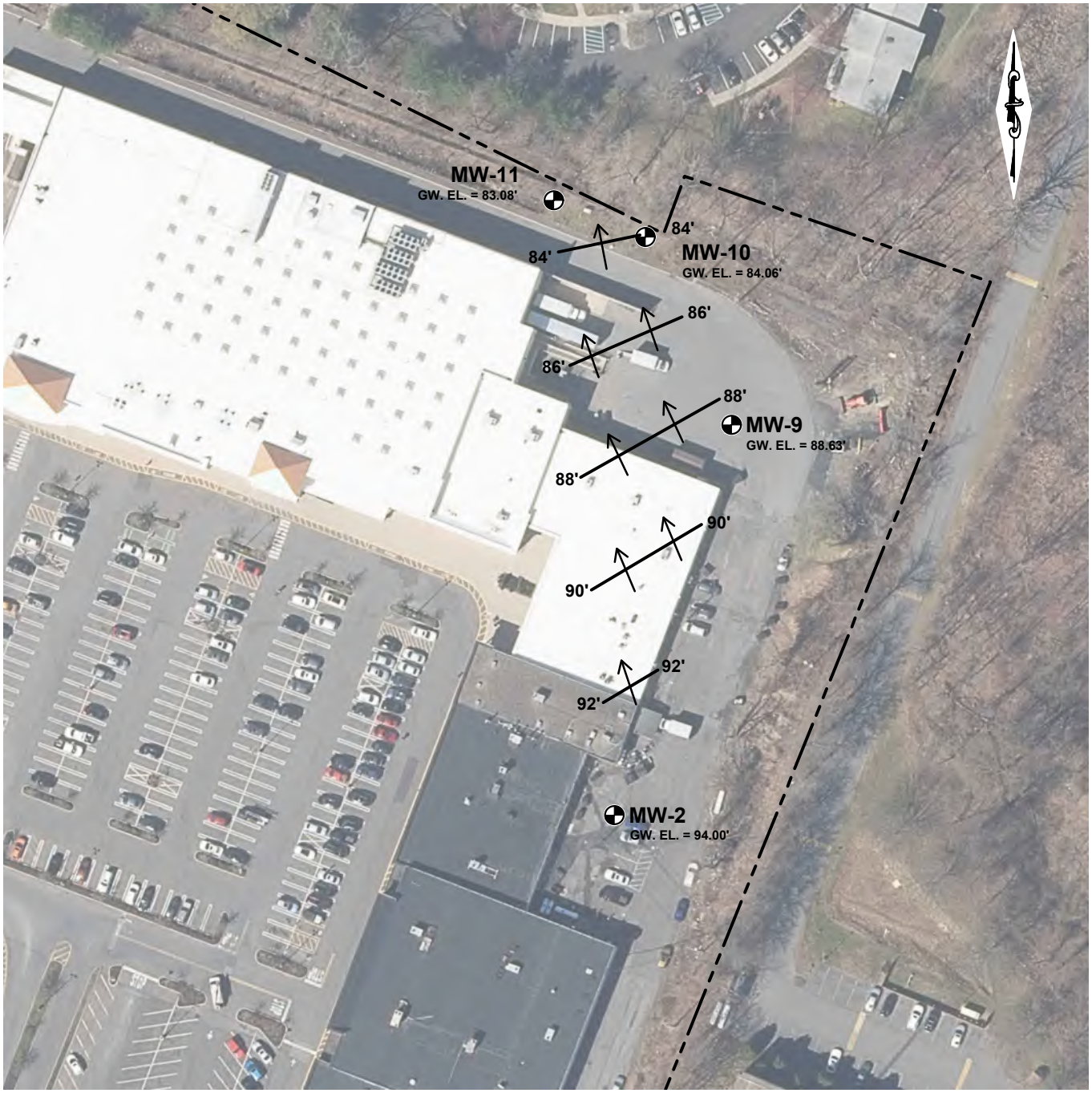
MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2021

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

OVERBURDEN GROUNDWATER CONTOUR MAP
AUGUST 22, 2023
NEW PALTZ PLAZA
NYS ROUTE 299
TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014–45	DATE: 8/24/2023	SCALE: 1" = 100'	DWG. NO. 2014–45011	FIGURE 4

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45011_F-4 - Overburden GW 2023.dwg 8/24/2023 10:27 AM



LEGEND:

MW-2 GW. EL. = 94.00' — MONITORING WELL, GROUNDWATER ELEVATION AUGUST 21, 2024

92' — GROUNDWATER CONTOURS

→ INFERRED GROUNDWATER FLOW DIRECTION

— - - — APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2021

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

OVERBURDEN GROUNDWATER CONTOUR MAP
AUGUST 21, 2024

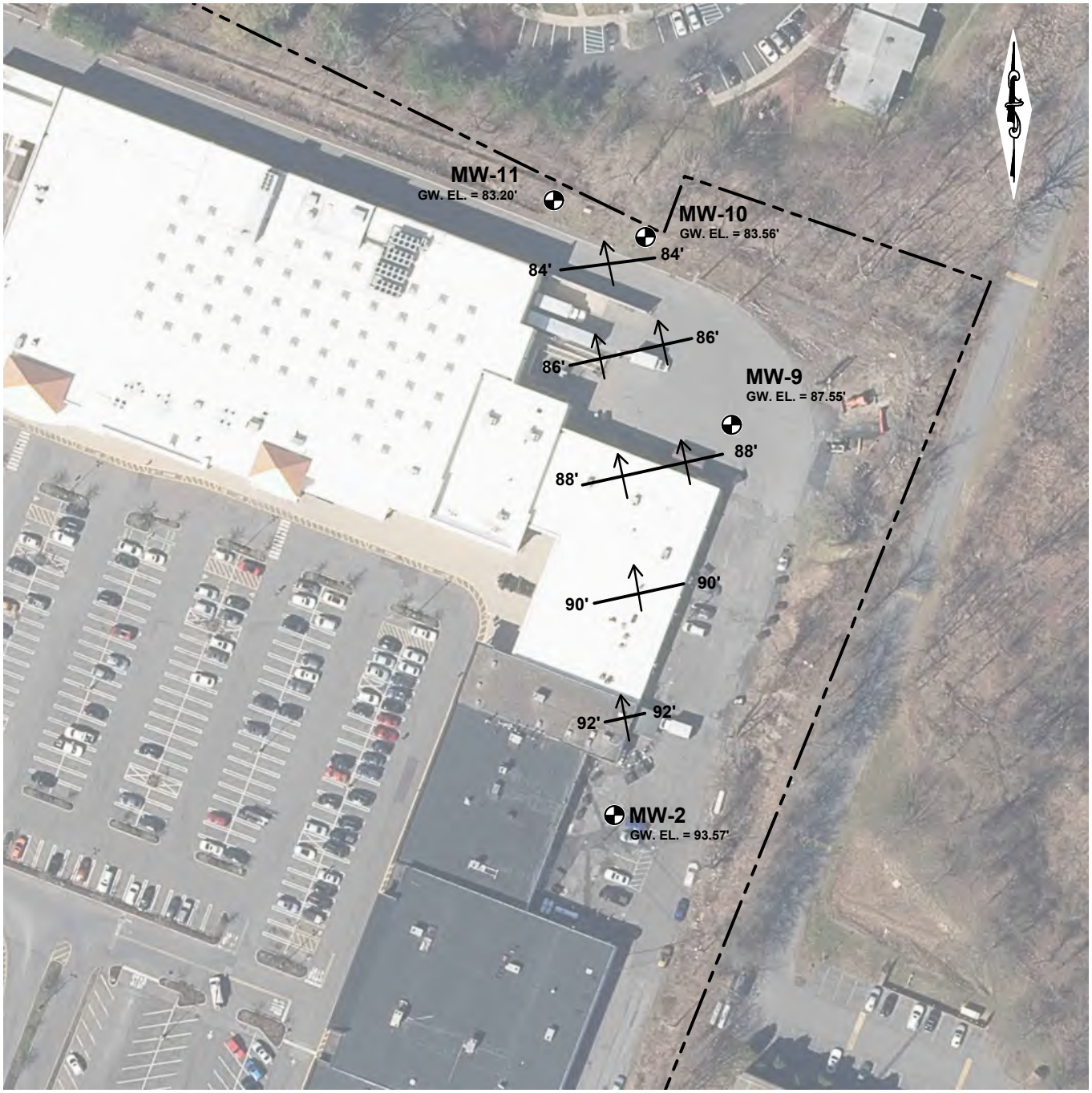
NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014–45	DATE: 8/26/2024	SCALE: 1" = 100'	DWG. NO. 2014–45013	FIGURE 5

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45013_F-4 - Overburden GW 2024.dwg 8/26/2024 9:27 AM



LEGEND:

MW-2 GW. EL. = 93.57' — MONITORING WELL, GROUNDWATER ELEVATION AUGUST 12, 2025

92' — GROUNDWATER CONTOURS

→ INFERRED GROUNDWATER FLOW DIRECTION

APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2021

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

OVERBURDEN GROUNDWATER CONTOUR MAP
AUGUST 12, 2025

NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014-45	DATE: 8/21/2025	SCALE: 1" = 100'	DWG. NO. 2014-45015	FIGURE 6

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\Drawings-Maps-Figures\ACAD\2014-45015_F-4 - Overburden GW 2025.dwg 8/21/2025 10:47 AM

FIGURE 7
Well MW-2 Total VOC & PCE Concentrations

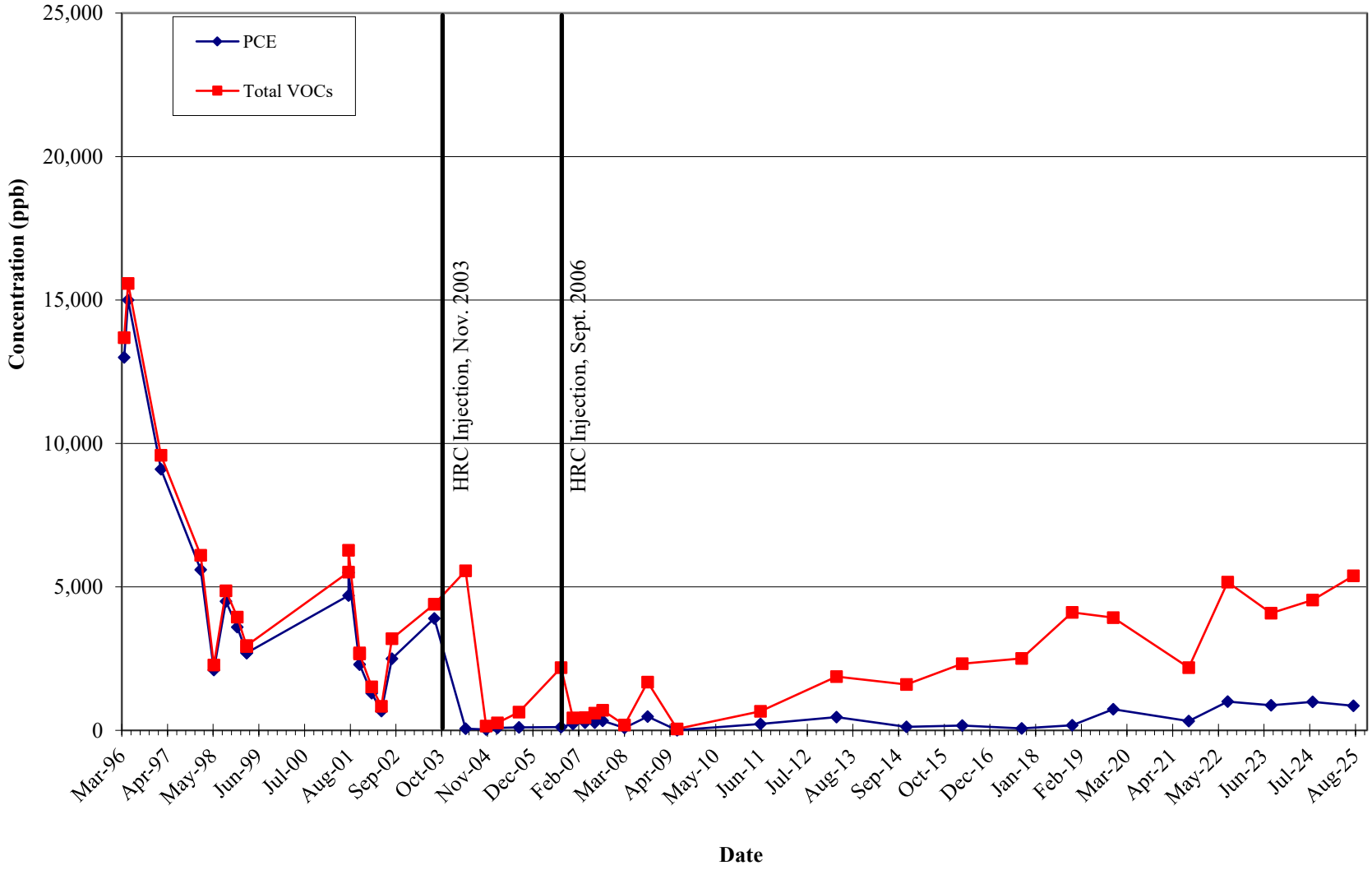


FIGURE 8
Well MW-9 Total VOCs & PCE Concentration

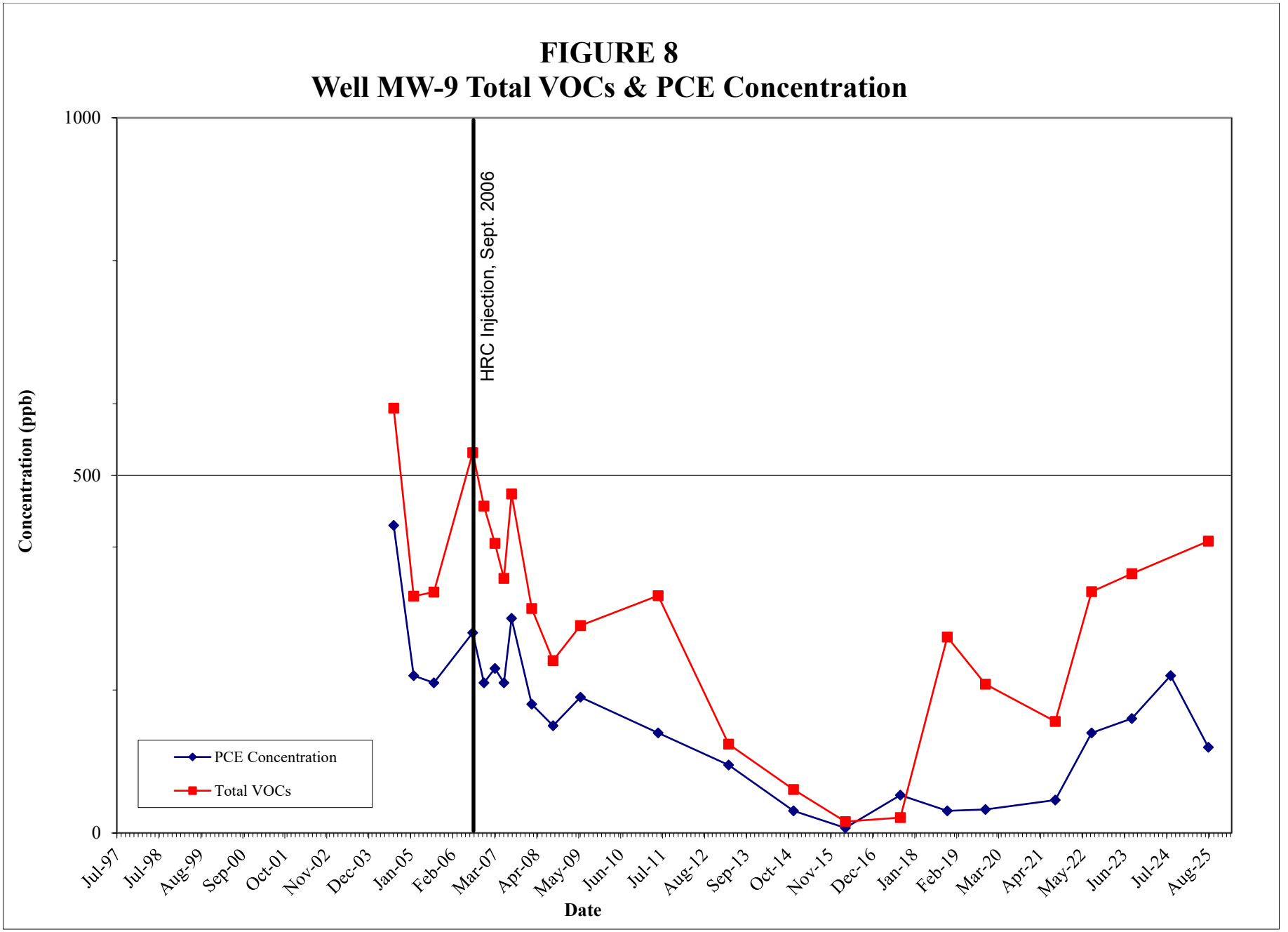
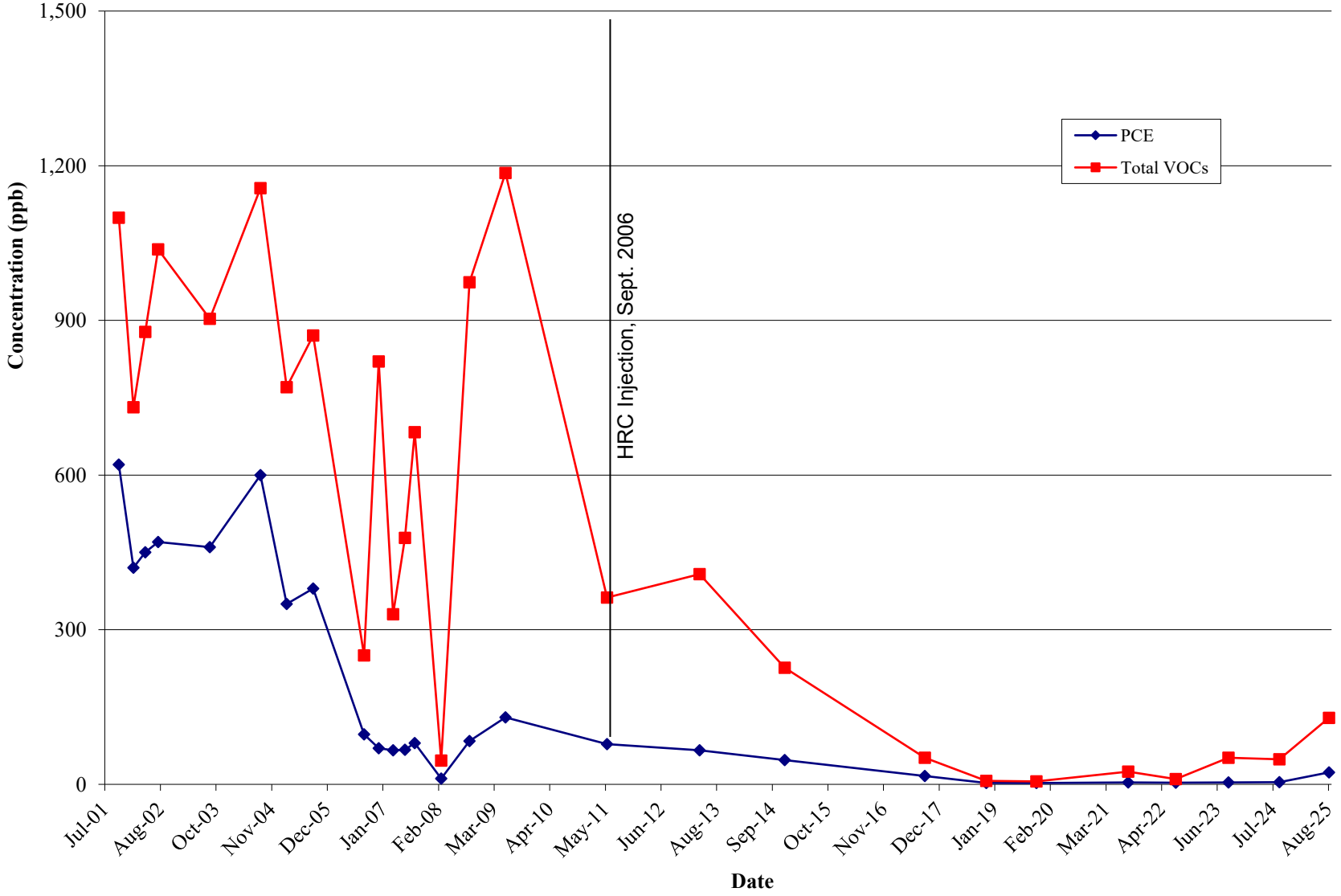


FIGURE 9
Well MW-10 Total VOCs & PCE Concentrations



APPENDIX A

Release Letter

New York State Department of Environmental Conservation
Office of General Counsel, 14th Floor
625 Broadway, Albany, New York 12233-1500
Fax: (518) 402-9018 or (518) 402-9019
Website: www.dec.ny.gov

Joe Martens
Commissioner

May 30, 2012

New Paltz Plaza Properties L.P.
New Platz Plaza, Inc.
% The Kempner Corporation
257 Mamaroneck Avenue
White Plains, NY 10605

RE: New Paltz Plaza Properties, L.P. and New Paltz Plaza, Inc.
Index No. W3-0782-97-10
Site No. V00087

To whom it may concern:

Unless otherwise specified in this letter, all terms used herein shall have the meaning assigned to them under the terms of the Voluntary Agreement entered into between the New York State Department of Environmental Conservation (the "Department") and **New Paltz Plaza Properties, L.P.** and its general partner, **New Paltz Plaza, Inc.**, (collectively "Volunteer"), Index No. W3-0782-97-10 (the "Agreement").

The Department is pleased to report that the Department is satisfied that the Department-approved Work Plan to implement a response program at the parcel of land located at on State Route 299 in the Town of New Paltz, County of Ulster, State of New York, Tax Map Parcel No. 86.12-6-5.1, a map of which is attached hereto as Appendix "A" (the "Site"), Site # V00087, has been successfully implemented. So long as no information has been withheld from the Department or mistake made as to the hazard posed by any Site-related compound or analyte of concern, the Department believes that no further investigation or response will be required at the Site respecting the Existing Contamination to render the Site safe to be used for the Contemplated Use.

Assignable Release and Covenant Not To Sue:

The Department and the Trustee of New York State's natural resources ("Trustee"), therefore, hereby release, covenant not to sue, and shall forbear from bringing any action, proceeding, or suit against Volunteer and Volunteer's lessees and sublessees and Volunteer's successors and assigns and their respective secured creditors, for the further investigation and remediation of the Site, or for natural resources damages, based upon the release or threatened release of Existing Contamination, provided that (a) timely payments of the amounts specified in Paragraph VI of the Agreement continue to be or have been made to the Department, (b)

appropriate notices and deed restrictions have been recorded in accordance with Paragraphs IX and X of the Agreement, and Volunteer and/or its lessees, sublessees, successors, or assigns promptly commence and diligently pursue to completion the Department-approved Site Management Plan, if any. Nonetheless, the Department and the Trustee hereby reserve all of their respective rights concerning, and such release, covenant not to sue, and forbearance shall not extend to, any further investigation or remedial action the Department deems necessary:

- due to off-Site migration of contaminants other than petroleum resulting in impacts to environmental resources, to human health, or to other biota that are not inconsequential and to off-Site migration of petroleum, irrespective of whether the information available to Volunteer and the Department at the time of the development of the Work Plan disclosed the existence of potential existence of such off-Site migration;

- due to environmental conditions related to the Site that were unknown to the Department at the time of its approval of the Work Plan which indicate that Site conditions are not sufficiently protective of human health and the environment for the Contemplated Use;

- due to information received, in whole or in part, after the Department's approval of the final engineering report and certification, which indicates that the activities carried out in accordance with the Work Plan are not sufficiently protective of human health and the environment for the Contemplated Use;

- due to Volunteer's failure to implement the Agreement to the Department's satisfaction; or

- due to fraud or mistake committed by 'Volunteer' in demonstrating that the Site-specific cleanup levels identified in, or to be identified in accordance with, the Work Plan were reached.

Additionally, the Department and the Trustee hereby reserve all of their respective rights concerning, and any such release, covenant not to sue, and forbearance shall not extend to:

- Volunteer if it causes a, or suffers the, release or threat of release, at the Site of any hazardous substance (as that term is deemed at 42 USC 9601[14]) or petroleum (as that term is defined in Navigation Law §172[15]), other than Existing Contamination; or if it causes a, or suffers the use of the Site to, change from the Contemplated Use to one requiring a lower level of residual contamination before that use can be implemented with sufficient protection of human health and the environment; nor to

- any of Volunteer's lessees, sublessees, successors, or assigns who causes a, or suffers the, release or threat of release, at the Site of any hazardous substance (as that term is defined at 42 USC 9601[14]) or petroleum (as that term is defined in Navigation Law §172[151), other than Existing Contamination, after the effective date of the Agreement; who causes a, or suffers the use of the Site to, change from the Contemplated Use to one requiring a lower level of residual contamination before that use can be implemented with sufficient protection of human health and the environment; or who is otherwise a patty responsible

under law for the remediation of the Existing Contamination independent of any obligation that party may have respecting same established resulting solely from the Agreements execution.

Notwithstanding the above, however, with respect to any claim or cause of action asserted by the Department, the one seeking the benefit of this release shall bear the burden of proving that the claim or cause of action, or any part thereof, is attributable solely to Existing Contamination.

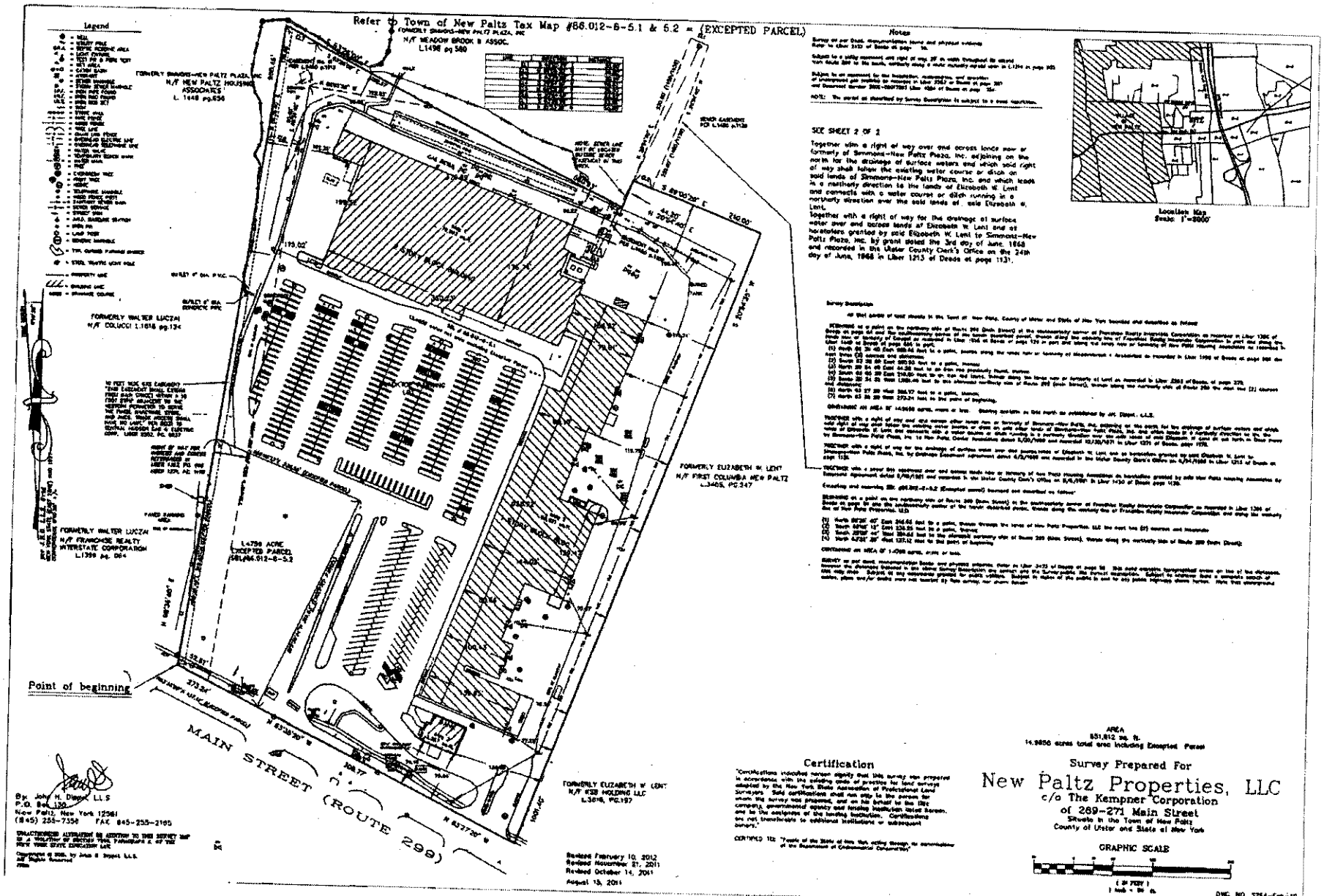
Notwithstanding any other provision in this release, if, with respect to the Site there exists or may exist a claim of any kind or nature on the part of the New York State, Environmental Protection and Spill Compensation Fund against any patty, nothing in this release shall be construed, or deemed, to preclude the State of New York from recovering such claim.

In conclusion, the Department is pleased to be part of this effort to return the Site to productive use of benefit to the entire community.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND TRUSTEE OF NEW YORK STATE'S NATURAL RESOURCES

By: _____

Its: _____


Refer to Town of New Paltz Tax Map #66.012-6-5.1 & 5.2 = (EXCEPTED PARCEL)
Legend
Notes
SEE SHEET 2 OF 2
Together with a right of way over and across lands now or formerly of Simmons-New Paltz Plaza, Inc. adjoining on the north, for the drainage of surface waters and which said right of way shall follow the existing water course or ditch on said lands of Simmons-New Paltz Plaza, Inc. and which leads in a northerly direction to the lands of Elizabeth W. Lent and connects with a water course or ditch running in a northerly direction over the said lands of said Elizabeth W. Lent.
Together with a right of way for the drainage of surface water over and across lands of Elizabeth W. Lent and all laterations granted by said Elizabeth W. Lent to Simmons-New Paltz Plaza, Inc. by grant dated the 3rd day of June, 1968 and recorded in the Ulster County Clerk's Office on the 24th day of June, 1968 in Liber 1213 of Deeds at page 1131.
Survey Description
Certification
Certifications indicated hereon signify that this survey was prepared in accordance with the existing code of practice for land surveys adopted by the New York State Association of Professional Land Surveyors. Said certifications shall run only to the person for whom the survey was prepared, and on his behalf to the title insurance company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owners.
CERTIFIED TO: "Parcel of the State of New York, acting through its commissioner of the Department of Environmental Conservation"
Point of beginning
MAIN STREET (ROUTE 299)
FORMERLY WALTER LUCZAI
N/F COLUCCI L.1618 pg.134
FORMERLY WALTER LUCZAI
N/F FRANCHISE REALTY INTERSTATE CORPORATION
L.1399 pg. 064
L=796 ACRE EXCEPTED PARCEL (MILANA.012-6-5.2
FORMERLY ELIZABETH W. LENT
N/F FIRST COLUMBIA NEW PALTZ
L.3405, PG.247
FORMERLY ELIZABETH W. LENT
N/F KSB HOLDING LLC
L.3618, PG.197
FORMERLY SIMMONS-NEW PALTZ PLAZA, INC
N/F MEADOW BROOK II ASSOC.
L1498 pg 580
FORMERLY SIMMONS-NEW PALTZ PLAZA, INC
N/F NEW PALTZ HOUSING ASSOCIATES
L. 1448 pg.636
Location Map
Scale: 1"=2000'
AREA
851,812 sq. ft.
19.5656 acres total area including Excepted Parcel
Survey Prepared For
New Paltz Properties, LLC
c/o The Kempner Corporation
of 269-271 Main Street
Situate in the Town of New Paltz
County of Ulster and State of New York
GRAPHIC SCALE
Revised February 10, 2012
Revised November 21, 2011
Revised October 14, 2011
August 15, 2011
By: John H. Dippel, LLS
P.O. Box 120
New Paltz, New York 12561
(845) 255-7358 FAX 845-255-2105
DWG. NO 3284-Feb-10
SHEET 1 OF 2

APPENDIX B

Construction and Excavation Report for Bank of America dated June 4, 2025

Sterling Environmental Engineering, P.C.

CONSTRUCTION AND EXCAVATION REPORT
Bank of America Building

NYSDEC SITE NUMBER: V00087 & HW35602
Ulster County, New Paltz, NY

Prepared for:

New Paltz Plaza Properties, LP
New Paltz Plaza, Inc.
257 Mamaroneck Avenue
Newburgh, New York 10605

Prepared by:

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

June 4, 2025

"Serving our clients and the environment since 1993"

CONSTRUCTION AND EXCAVATION REPORT
Bank of America Building

NYSDEC SITE NO: V00087 & HW35602
Ulster County, New Paltz, NY

Table of Contents

		Page #
1.0	INTRODUCTION	1
2.0	EXCAVATION AND CONSTRUCTION ACTIVITIES	1
3.0	MATERIALS EXCAVATION AND LOAD OUT	1
4.0	SOIL QUALITY	2
5.0	SURFACE RESTORATION	2

FIGURES

Figure 1 Site Location Map
Figure 2 Site Vicinity Map

APPENDICES

Appendix A Building Permit
Appendix B Site Plans and Engineering Design Documents
Appendix C Stonefield Certification Memo
Appendix D Photograph Log

© 2025, Sterling Environmental Engineering, P.C.

1.0 INTRODUCTION

Sterling Environmental Engineering, P.C. (STERLING) prepared this Construction and Excavation Report (CER) on behalf of New Paltz Plaza Properties, LP and New Paltz Plaza, Inc. (collectively "Volunteer") for the Voluntary Cleanup Program (VCP) Site No. V00087 and HW35602 ("the Site"). The CER summarizes minor construction and ground intrusive construction activities performed in April 2025 at the Bank of America building on the southern-most portion of the New Paltz Plaza (NPP) to upgrade the ATM at the bank. The Site is located on Route 299 in New Paltz, Ulster County, New York as shown on Figure 1. The location of the ATM upgrade relative to the other buildings in the plaza and the remediated former Revonak Dry Cleaners is shown on Figure 2. The Site is subject to Institutional Controls (ICs) and Engineering Controls (ECs) identified in the Site Management Plan (SMP), revised on October 16, 2014.

2.0 EXCAVATION AND CONSTRUCTION ACTIVITIES

Construction and excavation activities were performed in April 2025 by contractors, engineers, and architects for Bank of America, a current tenant of NPP, to upgrade a drive-thru ATM, exterior lighting, and electrical improvements. The construction activities included ground disturbance below a portion of the pavement and concrete cover at the Bank of America drive-through window on the south side of the building. All construction reportedly was in conformance with a town issued building permit, dated November 1, 2024 and provided in Appendix A.

Construction management services for the project were provided by The Horton Group, LLC (Horton), Madison, CT. The engineer of record for the work was Stonefield Engineering and Design LLC, (Stonefield), New York, NY. The project architect was Nelson Architecture and Interiors, Inc., P.C., New York, NY. Based on engineering drawings prepared by Stonefield, the intrusive work consisted of the following:

- an approximately 1,600 feet^2 area of pavement and concrete was removed to a maximum depth of 1 foot below grade from the drive-through area,
- a 124 feet^2 reinforced concrete pad was installed to a depth of 6-inches,
- a 72 feet^2 concrete island was installed with footers to a depth of 18-inches with 6 inches of additional subgrade fill,
- Nine (9) safety bollards and one (1) sign were installed to a depth of 2 feet below grade in 1 foot diameter boreholes, and
- two (2) light poles were installed in the soil island to the north of the drive-through lot; dimensions of the excavations for the light pole piers were 5.5 feet deep by 2 feet wide.

Site plan and engineering design drawings are provided in Appendix B. A memo from Stonefield certifying the site improvements to be generally consistent with the site plan documents is provided in Appendix C.

3.0 MATERIALS EXCAVATION AND LOAD OUT

Horton reported that approximately ½ yard of soil was removed during the work and transported off-site with the excavated asphalt and concrete. The small volume of soil was generated primarily from excavations for curbing, signs, light poles, and traffic bollards. These materials were transported to Callanan Industries (Callanan), located at 677 Flatbush Road, Kingston, NY, where they reportedly were crushed and recycled into new asphalt.

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4.0 SOIL QUALITY

The location of the April 2025 construction was performed at the southernmost portion of the New Paltz Plaza Site. The work area was approximately 450 feet south and hydraulically upgradient of the area of remediation completed east of the former Revonak Dry Cleaners, as documented in the Final Engineering Report (FER) and the SMP. Monitoring of groundwater levels and quality document that groundwater flow is to the north (away from the bank building) and residual contaminants from the former dry cleaner are similarly to the north on the property. It is STERLING's opinion that any residual contamination associated with the former Revonak Dry Cleaners site would not have been present in the soil or groundwater where excavations and improvements were made on the south side of the Bank of America building.

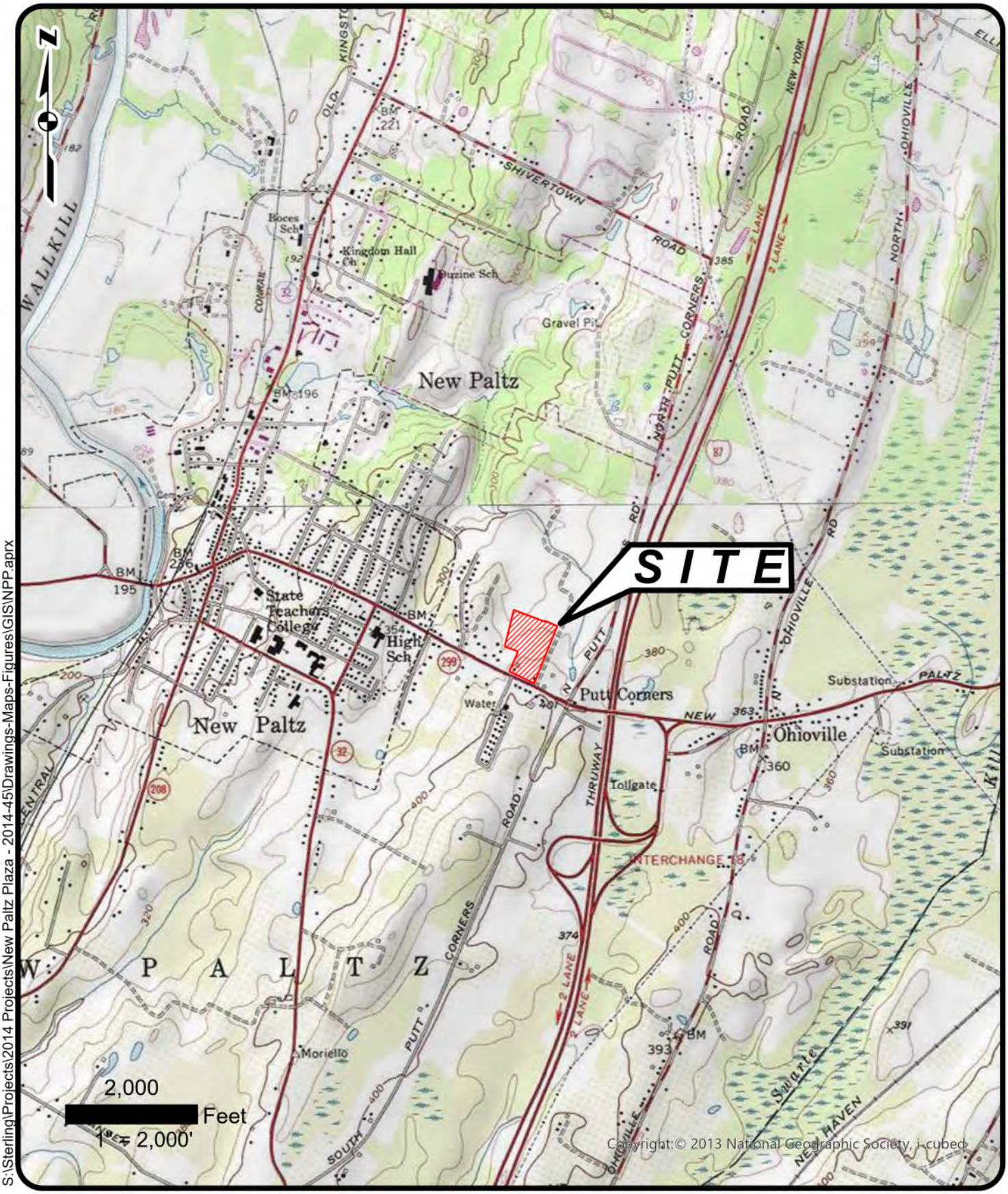
5.0 SURFACE RESTORATION

All portions of the disturbed work area were finished to meet surrounding grades and are covered by new concrete and blacktop pavement. A photograph log containing images of the construction activities and the finished project is available in Appendix D.

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\Reports\2025 Excavation Report\2025-06-04 NPP Construction & Excavation Report.docx

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FIGURES

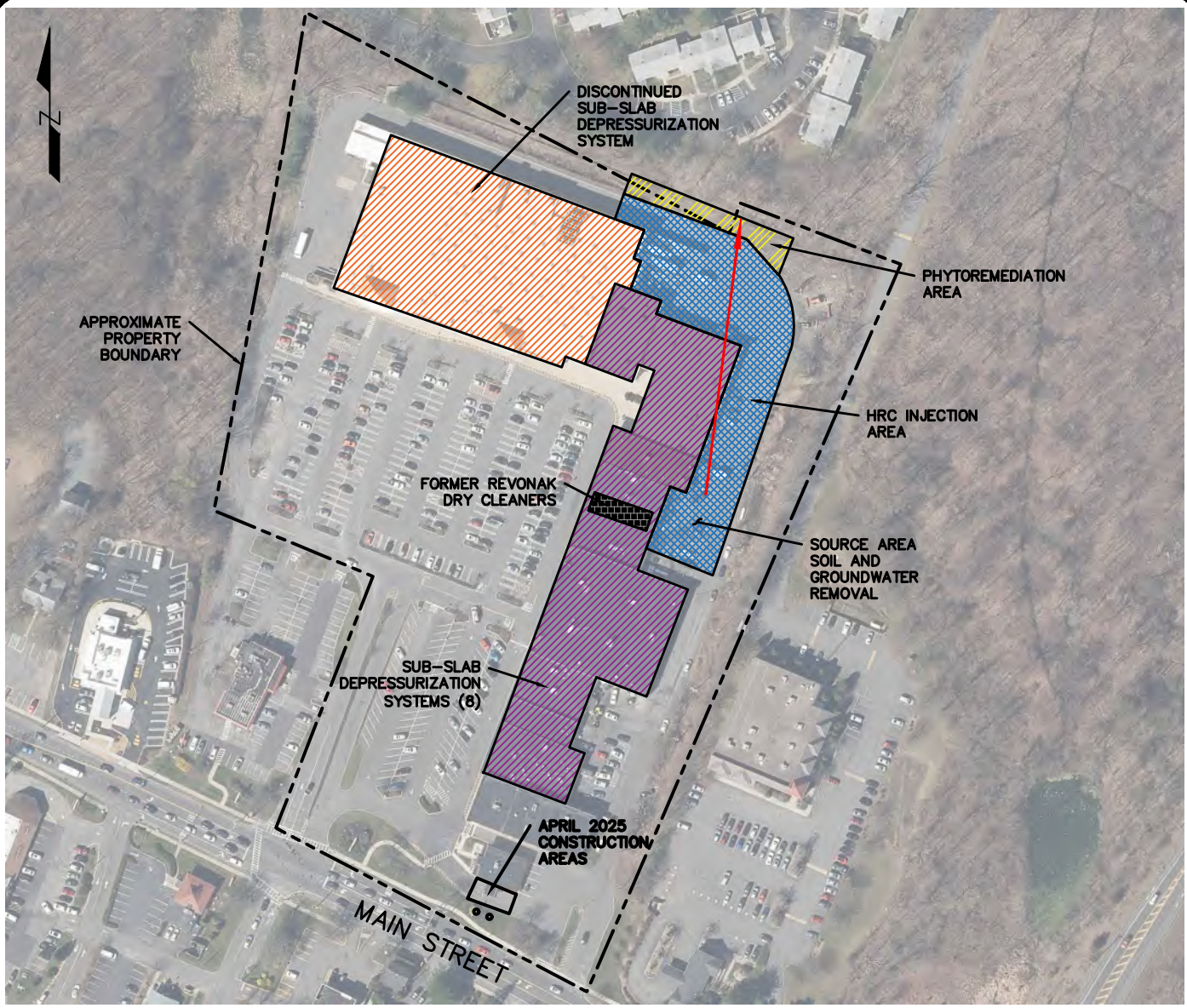


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Sterling Environmental Engineering, P.C.
24 Wade Road · Latham, New York 12110

SITE LOCATION MAP
NEW PALTZ PLAZA
NYS ROUTE 299
TOWN OF NEW PALTZ — ULSTER CO., NY

PROJ.NO.	DATE:	SCALE:	DWG.NO.	FIGURE
2014-45	05/14/2025	1" = 2,000'	2014-45001G	1



LEGEND:

- APPROXIMATE PROPERTY BOUNDARY
- SUB-SLAB DEPRESSURIZATION SYSTEM
- DISCONTINUED SUB-SLAB DEPRESSURIZATION SYSTEM
- HRC TREATMENT AREA
- PHYTOREMEDIATION AREA
- FORMER REVONAK DRY CLEANERS
- GENERALIZED GROUNDWATER FLOW DIRECTION

0 50' 100' 200'

1" = 200'

MAP REFERENCE: USGS HIGH RESOLUTION ORTHOIMAGERY, 2021

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

SITE REMEDY MAP

NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.:	DATE:	SCALE:	DWG. NO.	FIGURE
2014-45	5/14/2025	1" = 200'	2014-45014	2

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\Drawings-Maps-Figures\ACAD\2014-45014_F-2 - Site Vicinity Map.dwg PAUL.SCHOLAR 5/14/2025 12:49 PM

APPPENDIX A
BUILDING PERMIT

Town of New Paltz
One Veterans Drive, PO Box 550
New Paltz, NY 12561

Building Permit

Permit Number: 24-00341
Permit Date: 11/01/24

Application Number: 24000423
Application Date: 10/21/24

Owner / Property Information

Owner Name: NEW PALTZ PROPERTIES, LP

Tax Map ID: 86.12-6-5.1

Location: 271 MAIN ST

Occupancy: B Business

Construction Type: 5B

Contractor: Horton Group LLC

All work shall be executed in strict compliance with the permit application, approved plans, NYS Uniform Fire Prevention and Building Code, and all other laws, rules, and regulations which apply. This Building Permit does not constitute authority to build in violation of any Federal, State, or local law or any other rule or regulation.

Description of Work

New Exterior Drive-Thru ATM, Routing
Power & Data to the Exisiting Electrical
Room (Drive-Thru +/- 488 Sq. Ft.)

INSPECTIONS REQUIRED:

1. ROUGH ELECTRIC
2. REBAR (PRE-POUR)
3. ASPHALT/LINE STRIPING
4. SIGNAGE
5. FINAL ELECTRICAL
6. FINAL INSPECTION

THIS PERMIT MUST BE DISPLAYED ON THE BUILDING OR PREMISES AND BE PLAINLY VISIBLE FROM THE STREET AND NOT BE USED FOR ANY OTHER LOCATION THAN NOTED

THIS PERMIT EXPIRES 11/01/25

X _____ 11/1/24

Code Enforcement Officer — Date

APPENDIX B
SITE PLANS AND ENGINEERING DESIGN DOCUMENTS

BANK OF AMERICA

ATM CAPACITY ADD

New Paltz
NY6-252

Issue for SD Review	04/26/2024
Issue for SD Final	05/20/2024
Issue for CD_90	08/29/2024
Issue for CD Final	09/12/2024

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New Paltz, NY 12561

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PjM Project Number: 02819P3FD381
NELSON Project Number: 23.0002665.000

REGISTERED ARCHITECT TIMOTHY JAMES MIRON 040423 STATE OF NEW YORK

GRAPHIC SYMBOLS

ELEVATION INDICATIONS

STONE

BRICK/CONCRETE BLOCK

FINISHED WOOD

GLASS

PLASTER/ STUCCO

SECTION INDICATIONS

SAND OR GROUT

EARTH OR NATURAL GROUND

POROUS FILL (GRAVEL)

STONE

CONCRETE

BRICK

CONCRETE MASONRY UNIT

METAL

NON-FERROUS ALUMINUM

PLYWOOD

WOOD (FINISH)

WOOD (CONTINUOUS)

WOOD (BLOCKING) INTERRUPTED MEMBER

INSULATION (LOOSE OR BATT)

INSULATION (RIGID)

GLASS (LARGE SCALE)

GYPSUM BOARD

PLASTER WITH LATH

ACOUSTICAL TILE

CARPET

FABRIC WRAPPED PANEL

ABBREVIATIONS

A

ACCES	ACCESSORY
ACOUS	ACOUSTIC(AL)
AFF	ABOVE FINISHED FLOOR
AL	ALUMINUM
ALT	ALTERNATE
ANNUNC	ANNUNCIATOR
ANOD	ANODIZED
APPL	APPLIANCE
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
AVG	AVERAGE
&	AND

B

BLDG	BUILDING
BOLLD	BOLLARD
BD	BOARD
BLKG	BLOCKING
BRDLM	BROADLOOM
BU	BUILT UP

C

CAB	CABINET
CPT	CARPET
CEM	CEMENT(ITIOUS)
CER	CERAMIC
CLG	CEILING
COATG	COATING
COILG	COILING
CONC	CONCRETE
CONSTR	CONSTRUCTION
CONT	CONTINUOUS(ATION)
CONTR	CONTRACT(OR)
COV	COVER
CMU	CONCRETE MASONRY UNIT
CFMF	COLD FORMED METAL FRAMING

D

DBL	DOUBLE
DEPT	DEPARTMENT
DES	DESIGN(ED)
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DN	DOWN
$	DOLLAR (US CURRENCY)
DR	DOOR
DSCON	DISCONNECT
DWR	DRAWER

E

ELAST	ELASTOMERIC
ELEC	ELECTRICAL
EMBED	EMBEDD(ED)(ING)
ENGR	ENGINEER(ED)
ENTR	ENTRANCE
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXP JT	EXPANSION JOINT
EXPS	EXPOSE(D)
EXT	EXTERIOR

F

FAB	FABRICATION
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FE&C	FIRE EXTINGUISHER AND CABINET
FHC	FIRE HOSE CABINET
FIN	FINISH
FLDG	FOLDING
FPLC	FIREPLACE
FR	FIRE RAT(ING)(ED)
FRMG	FRAMING
FXD	FIXED
FXTR	FIXTURE
FLR	FLOOR(ING)
FURN	FURNITURE
FUT	FUTURE
FWC	FABRIC WALL COVERING
FUT	FUTURE

G

GA	GAUGE
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GFRP	GLASS FIBER REINFORCED PLASTER
GL	GLASS
GR	GRAD(E)(ING)
GYP	GYPSUM

H

HD	HEAD
HDWD	HARDWOOD
HDWE	HARDWARE
HM	HOLLOW METAL
HOP	HIGHEST OPERABLE POINT
HORIZ	HORIZONTAL
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING

I

INFO	INFORMATION
INSTRUM	INSTRUMENT(ATION)
INSUL	INSULATION
INTLK	INTERLOCK(ING)
INT	INTERIOR
INFILTR	INFILTRATION

J

JAN	JANITOR

K

KIT	KITCHEN

L

LAV	LAVATORY
LB	POUND
£	BRITISH POUND (CURRENCY)
LT	LIGHT
LVLG	LEVELING
LVR	LOUVER

M

MAX	MAXIMUM
MFD	MANUFACTURED
MFR	MANUFACTURER
MECH	MECHANICAL
MET	METAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLWK	MILLWORK
MOIST	MOISTURE
MOT	MOTOR(IZED)
MTD	MOUNTED

N

NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE

O

ORNA	ORNAMENTAL
OVFL	OVERFLOW
OVHD	OVERHEAD
OPNG	OPENING(S)
OPR	OPERABLE

P

PTN	PARTITION
PEDTR	PEDESTRIAN
PBD	PARTICLE BOARD
PNL	PANEL
POLYST	POLYSTYRENE
PORT	PORTABLE
PREFIN	PREFINISHED
PREFAB	PREFABRICATED
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLSTC	PLASTIC
PLYWD	PLYWOOD
PRTECN	PROTECTION

R

RDR	READER
RECES	RECESSED
RECPT	RECEPTACLE
REF	REFER(ENCE)
REFL	REFLECTED
REFR	REFRIGERATOR
REQD	REQUIRED
RESIS	RESIST(ANT)(IVE)
REINF	REINFORCE(D)(ING)(MENT)
RESIL	RESILIENT
RFG	ROOFING
RM	ROOM
RO	ROUGH OPENING

S

SCR	SCRIBE
SECUR	SECURITY
SF	SQUARE FEET
SGL	SINGLE
SHORG	SHORING
SIM	SIMILAR
SST	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRFR	STOREFRONT
STRUCT	STRUCTURAL
SURF	SURFACE
SUSP	SUSPENDED
SYS	SYSTEM(S)

T

THK	THICK
TLT	TOILET
TRAF	TRAFFIC
TRANS	TRANSPARENT
TRTD	TREATED
T&G	TONGUE AND GROOVE
TYP	TYPICAL

U

UNDRLAY	UNDERLAYMENT
UTIL	UTILITY
UNO	UNLESS NOTED OTHERWISE

V

VEH	VEHICLE
VERT	VERTICAL
VIF	VERIFY IN FIELD

W

W/	WITH
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
W/O	WITHOUT
WT	WEIGHT
WTRPRF	WATERPROOFING

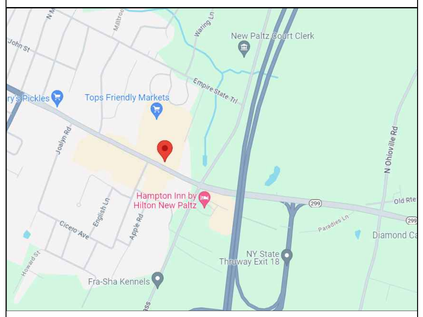
PROJECT INFORMATION

PROJECT ADDRESS:	1 NEW PALTZ PLAZA NEW PALTZ, NY 12561
PROJECT NAME:	BANK OF AMERICA
PROJECT TYPE:	DRIVE-THRU RENOVATION
PROJECT DESCRIPTION:	PROJECT SCOPE INCLUDES AN EXTERIOR NEW ATM OF (1) DRIVE UP ATM AT THE DRIVE THRU AND ROUTING POWER & DATA TO THE EXISTING ELECTRICAL ROOM.
PROJECT OCCUPANCY:	GROUP B BUSINESS
CONSTRUCTION TYPE:	TYPE II-B
PROJECT SIZE:	DRIVE THROUGH SQ.FT.: +/- 488 SQ FT
BUILDING DESCRIPTION:	NO CHANGE TO EXISTING OCCUPANCY TYPE, OCCUPANT LOAD, MEANS OF EGRESS OR LIFE SAFETY SYSTEMS UNLESS SPECIFICALLY NOTED OTHERWISE. EXISTING PLUMBING FIXTURES ARE TO REMAIN AS-IS AND ARE NOT CONSIDERED WITHIN THE SCOPE OF THIS PROJECT.

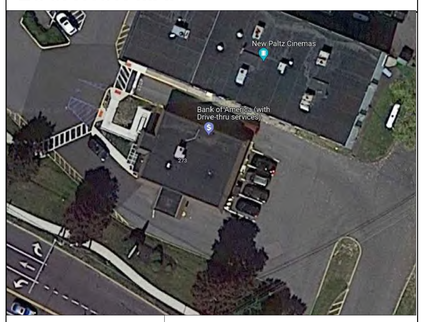
CODE AND ORDINANCES WITH AMENDMENTS AND DELETIONS

BUILDING CODE:	2020 NEW YORK STATE BUILDING CODE
EXISTING BUILDING CODE:	2020 NEW YORK STATE EXISTING BUILDING CODE
PLUMBING CODE:	2020 NEW YORK STATE PLUMBING CODE
ELECTRICAL CODE:	2020 NEW YORK STATE ELECTRICAL CODE
ENERGY CODE:	2020 NEW YORK STATE ENERGY CONSERVATION CODE
MECHANICAL CODE:	2020 NEW YORK STATE MECHANICAL CODE
FIRE PROTECTION CODE:	2020 NEW YORK STATE FIRE PREVENTION CODE
ACCESSIBILITY CODE:	2010 ADA STANDARDS

VICINITY MAP



LOCATION MAP



PROJECT LOCATION

DRAWING INDEX

----	COVER SHEET
A00.00	DRAWING INDEX, LOCATION MAP & PROJECT INFORMATION

ARCHITECTURAL

A01.00	DEMOLITION SITE PLAN
A02.00	CONSTRUCTION AND POWER & COMMUNICATIONS PLAN
A08.00	DETAILS

CIVIL

C-1	COVER SHEET
C-2	OVERALL SITE PLAN
C-3	EXISTING CONDITIONS PLAN
C-4	DEMOLITION PLAN
C-5	SITE & GRADING PLANS
C-6	LIGHTING PLAN
C-7	LIGHTING PLAN
C-8	CONSTRUCTION DETAILS
C-9	CONSTRUCTION DETAILS

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BANK OF AMERICA
NEW PALTZ
ATMC

1 New Paltz Plaza
New Paltz, NY 12561

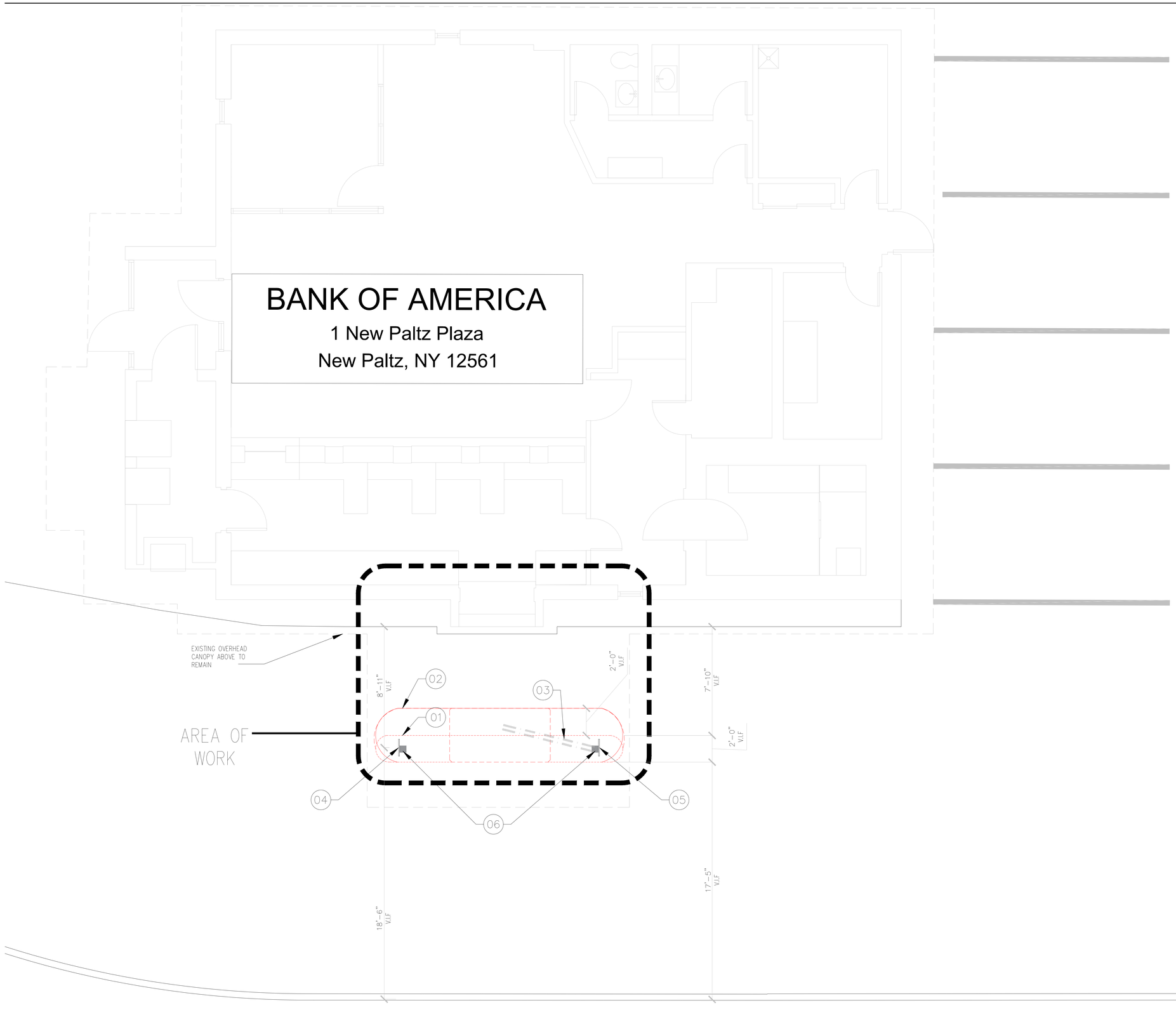
PROPERTY ID: NY6-252
NSRP VERSION: 3.0
BULLETIN: 2-2024

DRAWING INDEX, LOCATION MAP AND PROJECT INFORMATION

REGISTERED ARCHITECT TIMOTHY JAMES MIRON 040425 STATE OF NEW YORK

Proj. No: 23.0002665.000 Reviewed By: DB/JA

A00.00



BANK OF AMERICA

1 New Paltz Plaza

New Paltz, NY 12561

DEMOLITION PLAN NOTES:

A. REFER TO GENERAL NOTES SHEET A00.00.
B. PROTECT AREAS OF BANK NOT IN SCOPE OF WORK DURING DEMOLITION AND CONSTRUCTION. ERECT BARRIERS AS NECESSARY TO PROTECT OTHER AREAS FROM DUST AND DEBRIS. COMPLY WITH APPLICABLE LOCAL, STATE AND FEDERAL CODES IN REGARDS TO PERSONAL AND PROPERTY SAFETY DURING DEMOLITION AND CONSTRUCTION.
C. ANY OTHER AREAS DAMAGED DURING DEMOLITION AND CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION.
D. REMOVE ALL TOOLS AND EQUIPMENT AND LEAVE JOB SITE CLEAN AT THE END OF EACH DAY. DISPOSE OF ALL DEBRIS PROPERLY.
E. SMOOTH AND PREPARE SURFACES FOR NEW FINISH WHERE DEMOLITION OCCURS.
F. FOR ALL AREAS TO BE DEMOLISHED, REMOVE ALL ATTACHMENTS, FASTENERS, SCRAPE SURFACES SMOOTH, FILL HOLES AND PATCH TO PREP FOR NEW WORK ACCORDING TO SPECS.
G. GC TO VERIFY DISPOSITION OF ALL ITEMS W/ PJM & FCM PRIOR TO REMOVAL OF ANY ITEM.
H. GENERAL CONTRACTOR SHALL ENSURE THAT DEMOLITION IS COORDINATED WITH NEW WORK, ALL DOCUMENTATION AND TRADES.
I. GENERAL CONTRACTOR SHALL PERFORM ALL CUTTING, FITTINGS AND PATCHING REQUIRED TO RECEIVE THE WORK OF ALL TRADES AS INDICATED OR IMPLIED ON THE DRAWINGS OR NOTES. WORK SHALL BE KEPT TO AN ABSOLUTE MINIMUM AND SHALL BE DONE NEATLY AND WITHOUT DISTURBANCE TO ADJACENT WORK TO REMAIN.
J. WHERE A CHANGE OF PLANE OF ¼" OF MORE OCCURS, SUBMIT NOTIFICATION OF THE INSTANCE AND RECOMMENDATION FOR PROVIDING A CORRECTION AND SMOOTH TRANSITION, TO THE A/E FOR REVIEW.

DEMOLITION KEYNOTES: (XX)

1. DEMOLISH CONCRETE ISLAND IN ITS ENTIRETY. EXCAVATE AS REQUIRED, PROVIDE COMPACTED DRAINAGE FILL TO PREP FOR NEW ATM ISLAND SLAB PER DETAIL.
2. SAWCUT DRIVEWAY CONCRETE PAVEMENT TO DIMENSION SHOWN TO WIDEN ISLAND FOR RELOCATED ATM.
3. TRENCH AS REQUIRED FOR ELECTRICAL RACEWAYS FROM ATM TO NER/ELECTRICAL ROOM. VERIFY ROUTE PRIOR TO CUTTING TO ENSURE NO INTERFERENCE WITH OTHER UTILITIES.
4. EXISTING 'CLEARANCE' SIGN TO REMAIN.
5. EXISTING 'DO NOT ENTER' SIGN TO REMAIN.
6. PROTECT EXISTING COLUMNS

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BANK OF AMERICA
NEW PALTZ
ATMC

1 New Paltz Plaza
New Paltz, NY 12561

PROPERTY ID: NY6-252
NSRP VERSION: 3.0
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DEMOLITION SITE PLAN

REGISTERED ARCHITECT TIMOTHY JAMES MIRON 040423 STATE OF NEW YORK

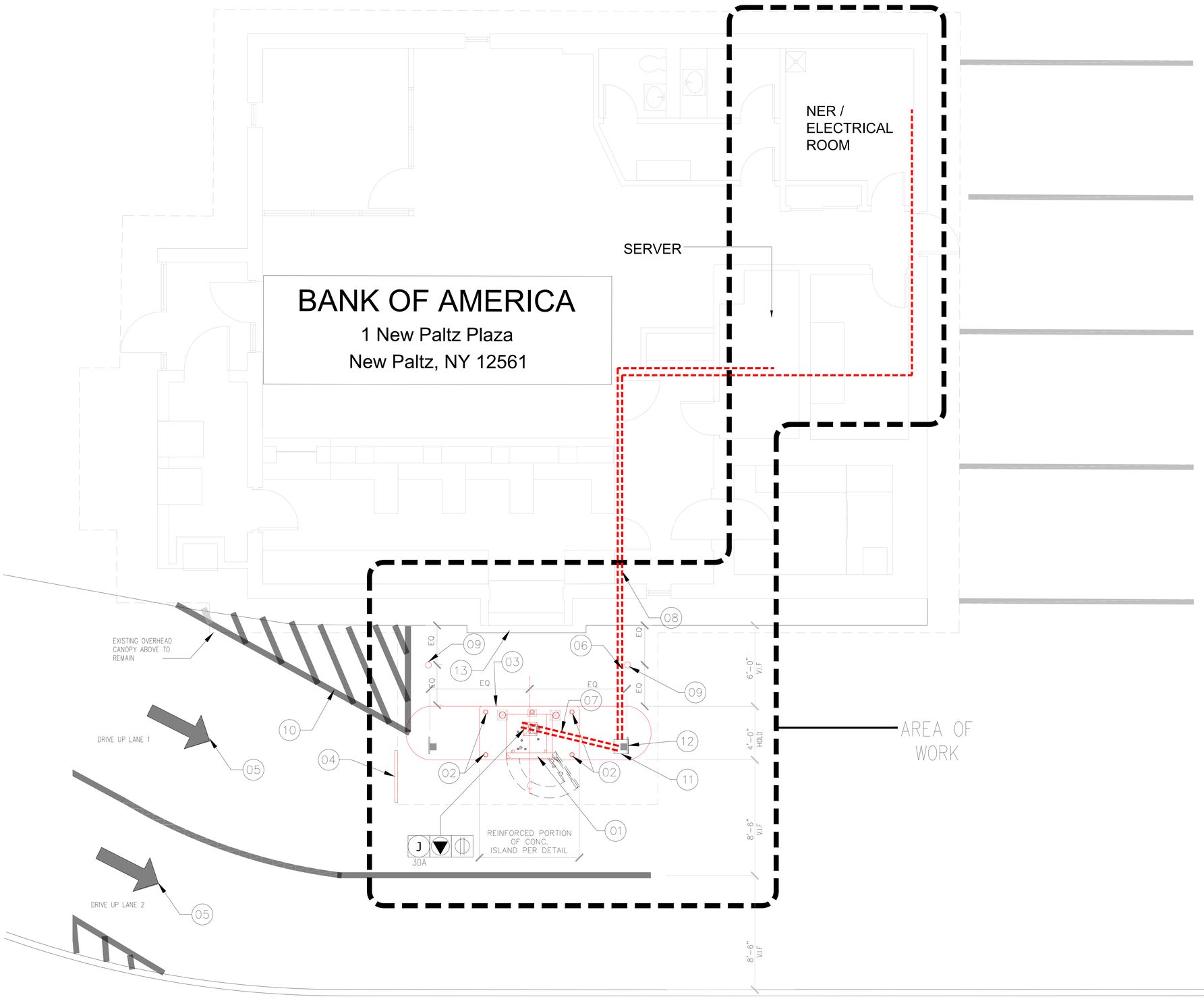
NORTH

Proj. No: 23.0002665.000 Reviewed By: DB/JA

A01.00

1 A01.00 DEMOLITION SITE PLAN

ATM Information				
Manufacturer	Model	ATM ID	Surround/Housing	Notes
NCR	2088		N/A	



CONSTRUCTION PLAN NOTES:

A. REFER TO GENERAL NOTES SHEET A00.00.
B. ANY OTHER AREAS DAMAGED DURING DEMOLITION AND CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION.
C. SMOOTH AND PREPARE SURFACES FOR NEW FINISH WHERE DEMOLITION OCCURS.
D. FOR ALL AREAS TO BE DEMOLISHED, REMOVE ALL ATTACHMENTS, FASTENERS, SCRAPE SURFACES SMOOTH, FILL HOLES AND PATCH TO PREP FOR NEW WORK ACCORDING TO SPECS.
E. CONTRACTOR SHALL PROVIDE BLOCKING FOR ALL EQUIPMENT AND ACCESSORIES MOUNTED ON WALLS.

POWER & COMM. PLAN NOTES:

A. FOR ADDITIONAL SCHEDULES AND REFERENCE DRAWINGS REFER TO A00.00.
B. LOCATION OF TRENCHING TO BE CONFIRMED WITH ARCHITECT AND ENGINEER.
C. COORDINATE INSTALLATION OF TELECOMMUNICATIONS, DATA AND SECURITY SYSTEMS WITH VENDOR DRAWINGS.
D. VERIFY EQUIPMENT SPECIFICATIONS, POWER AND INSTALLATION REQUIREMENTS WITH MANUFACTURER TO ENSURE PROPER FIT AND FUNCTION.
E. VERIFY MOUNTING REQUIREMENTS OF ELECTRICAL, TELEPHONE AND OTHER EQUIPMENT.
F. FACILITY PARTNER PROJECT MANAGER IS RESPONSIBLE FOR DOWNLOADING A COPY OF THE VENDOR SPECIFIC ATA/ATM INSTALLATION CUT SHEETS AND PROVIDING COPIES OF THESE CUT SHEETS TO THE GC. GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THEIR ELECTRICAL SUBCONTRACTOR IS PROVIDED A COPY OF THESE SAME INSTALLATION CUT SHEETS.
G. PLAN TO PIPE UP THE COLUMN, TRIM OUT THE COLUMN AND RUN POWER/DATA THROUGH THE CEILING.

CONSTRUCTION & POWER PLAN KEY NOTES: (XX)

1. INSTALL NEW ATM PER ORDER MATRIX ABOVE AT THIS LOCATION. PROVIDE BANK-STANDARD SECURITY BOLLARDS AS REQUIRED (BY VENDOR).
2. NEW 4" DIAMETER SCHED. 40 PRIMED STEEL BOLLARD, 3000PSI CONCRETE FILLED W/ HDPE COVER (POST GUARD BY ENCORE, INC. COLOR GREY W/ RED SAFETY TAPE).
3. NEW CONCRETE DRIVE-UP ATM ISLAND, 4" HIGH, PER BOA STANDARDS.
4. PROVIDE NEW COMBINATION DRIVE-UP ATM/CLEARANCE SIGN. PATCH/REPAIR OR CLEAN-UP BY GC IF THE SIGNAGE IS NOT MOUNTED IN THE SAME EXACT LOCATION OR THE SIGN IS A DIFFERENT SIZE. CONFIRM SPECIFICATIONS WITH JANE COMINS MCCORD.
5. NEW LANE DIRECTION ARROW, SOLID WHITE (TO MATCH EXISTING WHITE) W/ BENJAMIN MOORE INSUL-X OR APPROVED EQUAL.
6. PROPOSED ROUTE NEW POWER & DATA TO EXISTING NER/ELECTRICAL ROOM; (2) 2"C. RACEWAYS W PULL STRING IN FOR LOW VOLTAGE RUN CONTINUOUSLY TO NER ROOM, AND CONDUITS AND CONDUCTORS AS REQUIRED FOR POWER TO ELEC RM. AS NEEDED. VERIFY PATH; ROUTE CONDUITS. PIPE UP COLUMN, TRIM OUT THE COLUMN, AND RUN POWER DATA THROUGH THE CEILING. ACTIVATE AND REUSE EXISTING CONDUITS AND AUGMENT AS IS FEASIBLE.
7. RISER UP FOR CONDUITS FOR POWER/COMM AS REQUIRED; VERIFY LOCATION BEFORE TRENCHING. CONCEAL ALL CONDUITS IN PARTITION OR RUN IN WIRE MOLD UP TO ROUTE ABOVE CEILING. CONDUITS MAY BE SURFACE MOUNTED IN NER/ELEC ROOM. LOCATE SO AS NOT TO INTERFERE WITH ANY OTHER CABLING, EQUIPMENT OR OPERATIONS.
8. POWER/COMM TO RUN ABOVE CEILING CONCEALED TO NER/ELECTRIC ROOMS.
9. 6" DIA SCHED.40 CONC. FILLED TRAFFIC BOLLARD W/ HPDE SLEEVE (GRAY).
10. NEW LANE MARKINGS: 4" WIDE STRIPING (WHITE) AT 45 DIRECTION OF TRAVEL AT 36" O.C. MAX., TWO COATS -- ALLOW TO FULLY DRY BETWEEN COATS; BENJAMIN MOORE INSUL-X OR EQUAL.
11. NEW 18 GA. METAL COLUMN SURROUND ON STUD FRAMING, PAINTED TO MATCH EXISTING CONDITIONS, TO CONCEAL NEW CONDUITS.
12. EXISTING "DO NOT ENTER" SIGN TO BE RE-MOUNTED ON NEW COLUMN ENCLOSURE.
13. PAINT CURB TO REFRESH EXISTING.

CONSTRUCTION PLAN LEGEND:

- DRIVE UP ATM
- ALIGN — ALIGN WITH ESTABLISHED SURFACES
- AREA OF CONSTRUCTION
- PATH OF CABLING

POWER & COMM PLAN LEGEND:

- J / 30A — CONDUITS STUB UP FOR ATM POWER [30AMP]
- (2) 2"CONDUITS STUB UP FOR LOW VOLTAGE CABLING.
- CONDUITS STUB UP FOR 20A POWER.

NORTH

1 A02.00 CONSTRUCTION AND POWER & COMMUNICATIONS PLAN
-

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NEW PALTZ
ATMC

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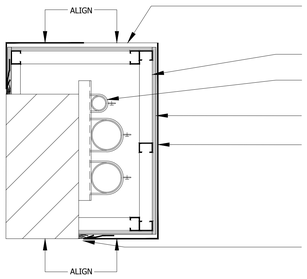
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BULLETIN: 2-2024

CONSTRUCTION AND POWER & COMMUNICATIONS PLAN

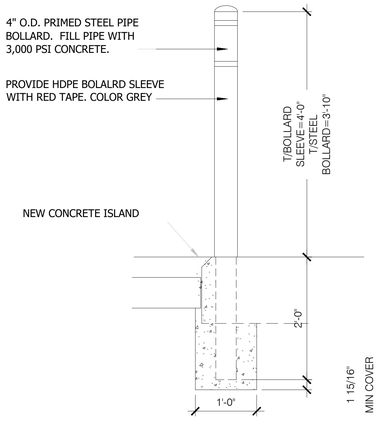
REGISTERED ARCHITECT TIMOTHY JAMES MIRON 040423 STATE OF NEW YORK

Proj. No: 23.0002665.000 Reviewed By: DB/JA

A02.00



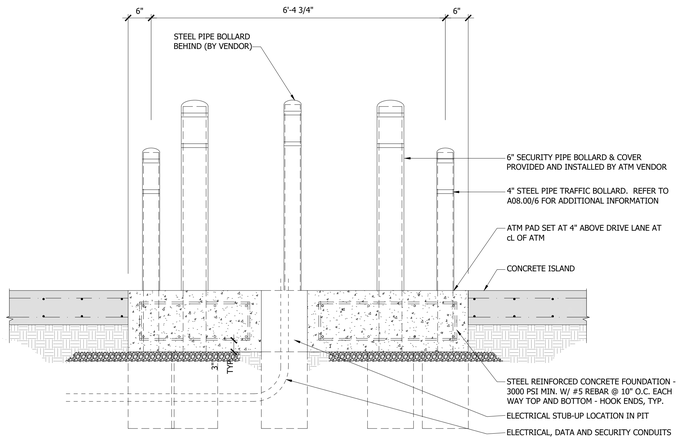
6 A08.00 COLUMN CONDUIT DETAIL
1-1/2" = 1'-0"



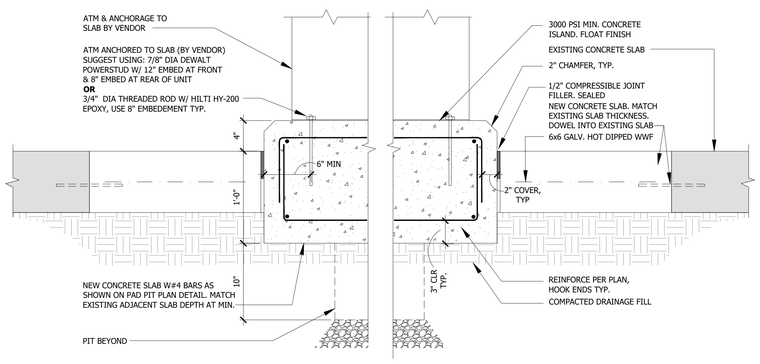
BOLLARD SLEEVE NOTES:
GC SHALL PLACE ORDERS IN A TIMELY FASHION - SHIP DATE IS TYPICALLY 24-48 HOURS AFTER ORDER IS PLACED. SLEEVES SHALL BE WARRANTED AGAINST FADING OR COLOR CHANGE FOR (5) FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION. BOLLARD SHALL BE INSTALLED LEVEL. FILL CORES WITH CONCRETE AND STRIKE LEVEL ACROSS TOP OF PIPE. INSTALL COVER W/ INCLUDED FOAM STRIPS PER MANUFACTURER'S DIRECTIONS.

EMCORE COMMERCIAL PRODUCTS
WWW.POSTGUARD.COM
PH: 866.737.8900

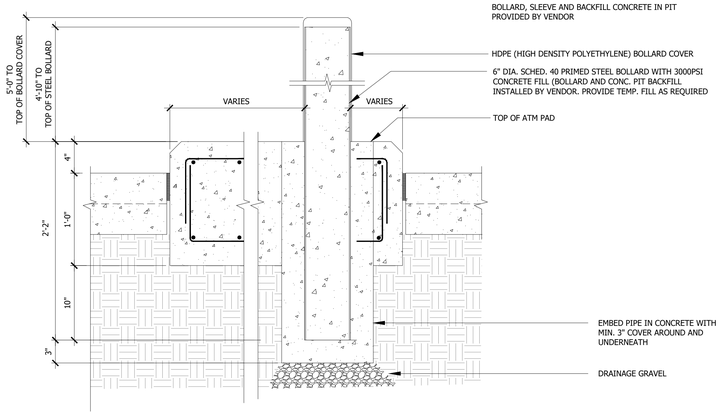
6 A08.00 SECTION - TRAFFIC BOLLARD
1" = 1'-0"



5 A08.00 SECTION - STANDARD PAD
3/4" = 1'-0"



4 A08.00 SECTION - STANDARD PAD
1-1/2" = 1'-0

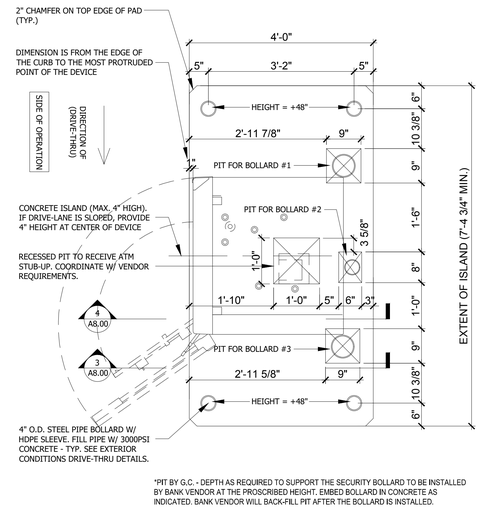


3 A08.00 SECTION - SECURITY BOLLARD
1-1/2" = 1'-0"

BOLLARDS:

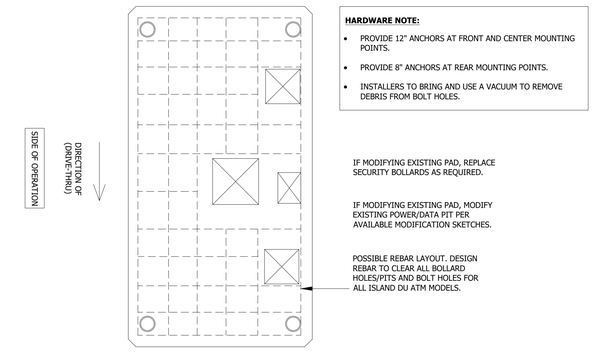
- BOLLARD #1 = 6" DIA. x 58"H (ABOVE)
- BOLLARD #2 = 4" DIA. x 58"H (ABOVE)***
- BOLLARD #3 = 6" DIA. x 58"H (ABOVE)

***FOR ALL ATM DEVICES, BOLLARD #2 MUST BE 4" DIA. x 58"H (ABOVE)



*PIT BY G.C. - DEPTH AS REQUIRED TO SUPPORT THE SECURITY BOLLARD TO BE INSTALLED BY BANK VENDOR AT THE PROSCRIBED HEIGHT. EMBED BOLLARD IN CONCRETE AS INDICATED. BANK VENDOR WILL BACK-FILL PIT AFTER THE BOLLARD IS INSTALLED.

2 A08.00 STANDARD PAD/PIT DETAIL
3/4" = 1'-0"



HARDWARE NOTE:

- PROVIDE 12" ANCHORS AT FRONT AND CENTER MOUNTING POINTS.
- PROVIDE 8" ANCHORS AT REAR MOUNTING POINTS.
- INSTALLERS TO BRING AND USE A VACUUM TO REMOVE DEBRIS FROM BOLT HOLES.

1 A08.00 STANDARD PAD/PIT REBAR DETAIL
3/4" = 1'-0"

NELSON
Nelson Architecture & Interiors, Inc.

22 Boston Wharf Road,7th Floor
Boston, MA 02110
Phone: 617.778.7229

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Dalina Boryszewski
Project Manager
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dboryszewsi@nelsonww.com

Architect of Record:
Tim Miron
Direct: 212.951.2970
tmiron@nelsonww.com

Civil Engineer:
Stonefield Engineering & Design
Matthew Checca
Direct: 718.606.8305
mchecca@stonefieldeng.com

Description:	No:	Date:
Issue for SD Review		04/26/2024
Issue for SD Final		05/20/2024
Issue for CD_90		08/29/2024
Issue for CD Final		09/12/2024

BANK OF AMERICA

NEW PALTZ
ATMC

1 New Paltz Plaza
New Paltz, NY 12561

PROPERTY ID: NY6-252
NSRP VERSION: 3.0
BULLETIN: 2-2024

CONSTRUCTION DETAILS

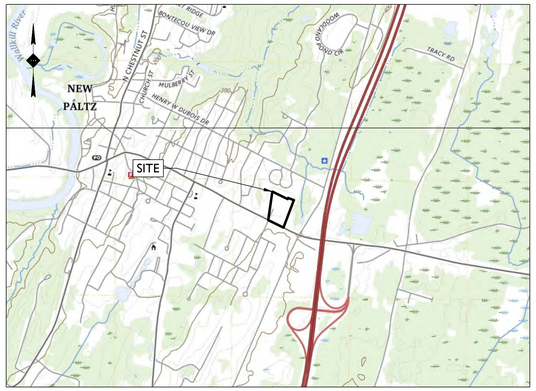
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Proj. No: 23.0002665.000 Reviewed By: DB/JA

A08.00

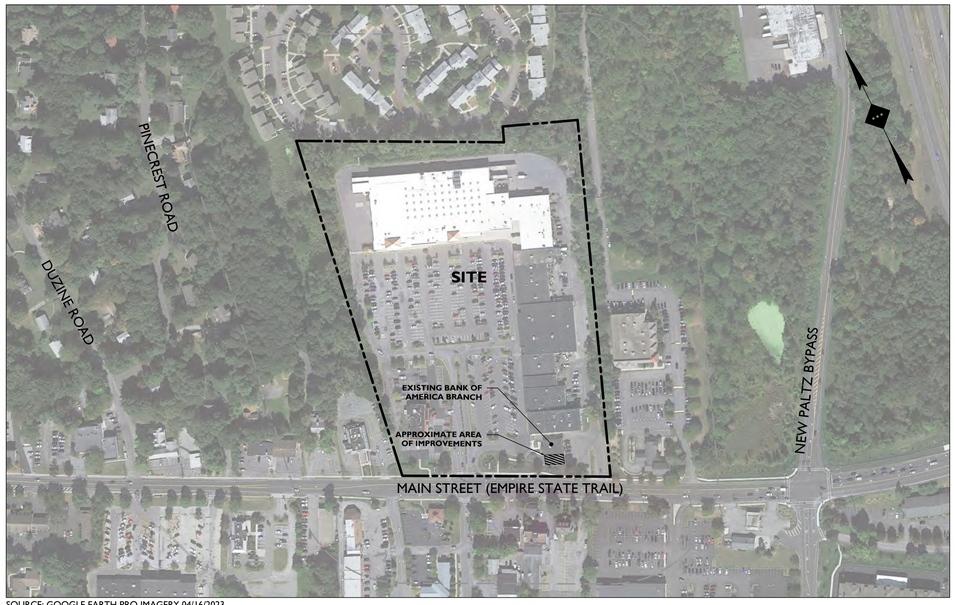
BANK OF AMERICA
ATM UPGRADES PLAN

NY6-252
BLOCK 6, LOT 5, SECTION 86.12
1 NEW PALTZ PLAZA
TOWN OF NEW PALTZ
ULSTER COUNTY, NEW YORK



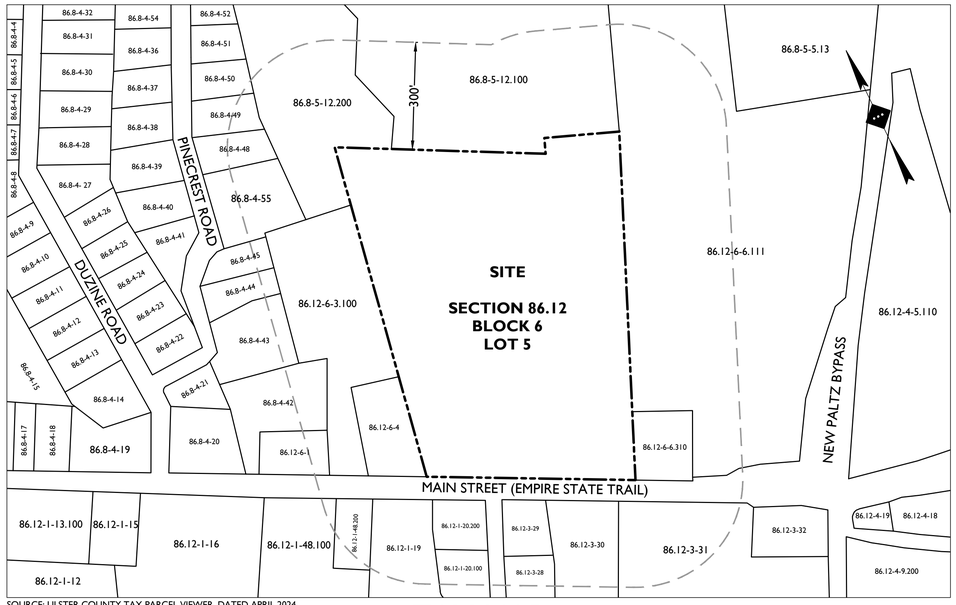
SOURCE: USGS QUADRANGLE MAP 7.5 MINUTE SERIES, CLINTONDALE, NY & ROSENDALE, NY, DATED 2023

VICINITY MAP
SCALE: 1" = 2000



SOURCE: GOOGLE EARTH PRO IMAGERY 04/16/2023

AERIAL VIEW
1" = 200'



SOURCE: ULSTER COUNTY TAX PARCEL VIEWER, DATED APRIL 2024

TAX MAP
1" = 200'

300' PROPERTY OWNERS LIST

PARCEL	OWNER	ADDRESS
86.12-1-19	EVELYN A HILL	P.O. BOX 1012, PORT EWEN, NY 12466
86.12-1-20.100	P & T NEW PALTZ, LLC	76 TRAPPS VIEW FARM ROAD, WALLKILL, NY 12589
86.12-1-20.200	PASQUALE & GUISEPPES, INC	248 MAIN STREET, NEW PALTZ, NY 12561
86.12-1-48.100	LEONIDAS VLAMIS	143 SOUTH OHIOVILLE ROAD, NEW PALTZ, NY 12561
86.12-1-48.200	MIDAS REALTY CORPORATION	P.O. BOX 52427, ATLANTA, GA 30355
86.12-3-28	MDS OF NEW PALTZ, INC	41 HASBROUCK ROAD, NEW PALTZ, NY 12561.2203
86.12-3-29	GAINCO, LLC	130 ROYAL STREET, PROPERTY TAX - 3WB, CANTON, MA 02021
86.12-3-30	JOSEPH J VALENTI	252 MAIN STREET, NEW PALTZ, NY 12561
86.12-3-31	MCB-EAGLE NEW PALTZ, LLC	2701 NORTH CHARLES STREET SUITE 404, BALTIMORE, MD 21218
86.12-6-1	MAIN STREET HOLDING CORP	255 MAIN STREET, NEW PALTZ, NY 12561
86.12-6-3.100	DDBC ABUNDANCE, LLC	257 MAIN STREET, NEW PALTZ, NY 12561
86.12-6-4	FRANCHISE REALTY, INC	P.O. BOX 271, RHINEBACK, NY 12572
86.12-6-6.111	HEALTH THE INSTITUTE FOR FAMILY	2006 MADISON AVENUE, NEW YORK, NY 10035
86.12-6-6.310	SALISBURY BANK AND TRUST	5 BISSELL STREET, LAKEVILLE, CT 06039
86.8-4-42	ARTHUR NATHANSON	342 SOUTH PLAN ROAD, WESTTOWN, NY 10998
86.8-4-43	ELAINE KOVALSKY	4 PINECREST ROAD, NEW PALTZ, NY 12561
86.8-4-44	MARY LEIGH WEAVER	6 PINECREST ROAD, NEW PALTZ, NY 12561
86.8-4-45	JUDITH A DORNEY	8 PINECREST ROAD, NEW PALTZ, NY 12561
86.8-4-48	DANIEL SCHERRER	31 ELM STREET, TILLSON, NY 12486
86.8-4-49	ANTHONY LUXOR	717 59TH STREET, BROOKLYN, NY 11220
86.8-4-50	ELIZABETH ALDWORTH	16 PINECREST ROAD, NEW PALTZ, NY 12561
86.8-4-55	ARMIN KADIC	10 PINECREST ROAD, NEW PALTZ, NY 12561
86.8-5-12.100	NEW PALTZ HOUSING	480 BEDFORD ROAD, FLOOR 1.300 WEST WING, CHAPPAQUA, NY 10514
86.8-5-12.200	MEADOWBROOK ASSOC II	480 BEDFORD ROAD, FLOOR 1.300 WEST WING, CHAPPAQUA, NY 10514

STONEFIELD engineering & design

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Princeton, NJ · Tampa, FL · Detroit, MI
www.stonefieldeng.com

584 Broadway, Suite 310, New York, NY 10012
Phone 718.606.8305

PLAN REFERENCE MATERIALS:

1. THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO:
   - TITLE/ TOPOGRAPHIC SURVEY PREPARED BY STONEFIELD ENGINEERING & DESIGN, LLC, ISSUED 03/13/2024
   - AERIAL MAP OBTAINED FROM GOOGLE EARTH SATELLITE IMAGERY, DATED 04/16/2023
   - LOCATION MAP OBTAINED FROM USGS 7.5 MINUTE SERIES TOPO MAP, ROSENDALE AND CLINTONDALE QUADRANGLES, DATED 2023
   - TAX MAP INFORMATION OBTAINED FROM ULSTER COUNTY TAX PARCEL VIEWER, DATED APRIL 2024
   - BANK OF AMERICA EXTERIOR LIGHTING PROGRAM BY GMR ARCHITECTS LAST UPDATED 07/25/2024
2. ALL REFERENCE MATERIAL LISTED ABOVE SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THESE MATERIALS SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF EACH REFERENCE AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

SHEET INDEX

DRAWING TITLE	SHEET #
COVER SHEET	C-1
OVERALL SITE PLAN	C-2
EXISTING CONDITIONS PLAN	C-3
DEMOLITION PLAN	C-4
SITE & GRADING PLANS	C-5
LIGHTING PLAN	C-6 & C-7
CONSTRUCTION DETAILS	C-8 & C-9

OWNER

NEW PALTZ PROPERTIES, L.P.
257 MAMARONECK AVENUE
WHITE PLAINS, NY 10605
845-417-8300

811 Know what's below. Call before you dig.

BANK OF AMERICA

ATM Upgrades
New Paltz, New York

Block 6, Lot 5, Section 86.12
1 New Paltz Plaza
Town of New Paltz
Ulster County, New York

CIVIL ENGINEER:

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Phone 718.606.8305

ZACHARY E. CHAPLIN, P.E.
NEW YORK LICENSE No. 99748
LICENSED PROFESSIONAL ENGINEER

Issue	Date & Issue Description	By	Check
01	04/26/2024	CD	MC
	INITIAL SUBMISSION		
02	09/03/2024	AD	MC
	ISSUED FOR REVIEW		
03	09/12/2024	AD	MC
	ISSUED FOR REVIEW		

CD — DRAWN BY
MC — CHECKED BY

STONEFIELD engineering & design, llc.

SCALE: (H) AS SHOWN

PROJECT ID: NYC-240036

TITLE:

COVER SHEET

SHEET:

C-1

M:\ALTS\STONEFIELD\ENG\DRAWINGS\ACTIVE\NYC-240036-CIVIL\2 - NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\PDF\STP-BOA-01-COVER.DWG

LAND USE AND ZONING

BLOCK 6, LOT 5, SECTION 86.12

HIGHWAY BUSINESS DISTRICT (B-2)

PROPOSED USE
RETAIL BUSINESS PERMITTED USE

ZONING REQUIREMENT	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	7,500 SF (0.17 AC)	651,909 SF (14.97 AC)	NO CHANGE
MINIMUM LOT WIDTH	75 FT	595.4 FT	NO CHANGE
MINIMUM LOT FRONTAGE	75 FT	582.0 FT	NO CHANGE
MAXIMUM IMPERVIOUS COVERAGE	90% (586,718 SF)	< 90% (*)	NO CHANGE
MAXIMUM BUILDING COVERAGE	50% (325,955 SF)	< 50% (*)	NO CHANGE
MAXIMUM BUILDING HEIGHT	3 STORIES / 40 FT	1 STORY / 15.6 FT	NO CHANGE
MINIMUM OPEN SPACE	10% (65,192 SF)	> 10% (*)	NO CHANGE
MINIMUM FRONT YARD SETBACK	65 FT	73.9 FT	NO CHANGE
MINIMUM SIDE YARD SETBACK	12.5 FT	77.2 FT	NO CHANGE
MINIMUM REAR YARD SETBACK	25 FT	944.1 FT	NO CHANGE

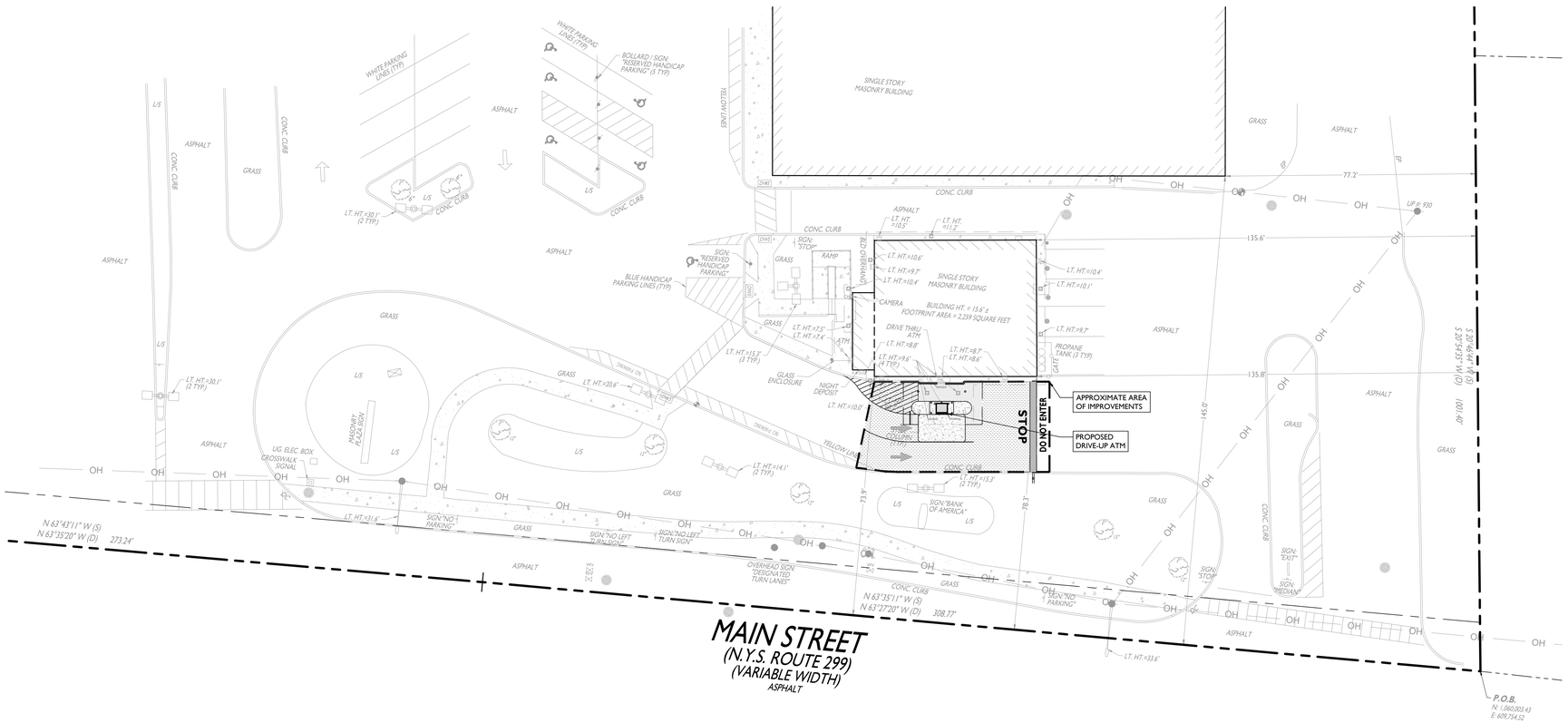
(*) PREVIOUSLY APPROVED

OFF-STREET PARKING REQUIREMENTS

CODE SECTION	REQUIRED	PROPOSED
§ 140-34.A.1 (a)	MINIMUM REQUIRED SPACES: 1 SPACE PER 200 SF (2,259 SF) X (1 SPACE / 200 SF) = 12 SPACES	NO CHANGE
§ 140-34.C	MINIMUM REQUIRED DIMENSIONS: WIDTH: 9 FT LENGTH: 18 FT DRIVE AISLE WIDTH: 24 FT	NO CHANGE
§ 140-34.D (2)	LOCATION REQUIREMENTS: SPACES SHALL BE LOCATED A MAXIMUM 400 FT THEREFROM	NO CHANGE

FENCE AND WALL REQUIREMENTS

CODE SECTION	REQUIRED	PROPOSED
§ 140-32.F (2)	MAXIMUM HEIGHT IN SIDE YARD: 6 FT	NO CHANGE
§ 140-32.G (6)	FENCE ORIENTATION REQUIREMENT: THE SMOOTH OR FINISHED SIDE MUST FACE THE OUTSIDE OF THE PROPERTY	NO CHANGE
§ 140-32.G (7)	ALL FENCES MUST BE ERECTED WITHIN THE PROPERTY LINE, AND NONE SHALL BE ERECTED AS TO APPROACH UPON A PUBLIC RIGHT-OF-WAY OR INTERFERE WITH VEHICULAR OR PEDESTRIAN TRAFFIC	NO CHANGE



GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY AND FAMILIARIZE THEMSELVES WITH THE EXISTING SITE CONDITIONS AND THE PROPOSED SCOPE OF WORK (INCLUDING DIMENSIONS, LAYOUT, ETC.) PRIOR TO INITIATING THE IMPROVEMENTS IDENTIFIED WITHIN THESE DOCUMENTS. SHOULD ANY DISCREPANCY BE FOUND BETWEEN THE EXISTING SITE CONDITIONS AND THE PROPOSED WORK THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC. PRIOR TO THE START OF CONSTRUCTION.
2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND ENSURE THAT ALL REQUIRED APPROVALS HAVE BEEN OBTAINED PRIOR TO THE START OF CONSTRUCTION. COPIES OF ALL REQUIRED PERMITS AND APPROVALS SHALL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION.
3. ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS STONEFIELD ENGINEERING & DESIGN, LLC. AND IT'S SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES AND LIABILITIES INCLUDING ATTORNEY'S FEES ARISING OUT OF CLAIMS BY EMPLOYEES OF THE CONTRACTOR IN ADDITION TO CLAIMS CONNECTED TO THE PROJECT AS A RESULT OF NOT CARRYING THE PROPER INSURANCE FOR WORKERS COMPENSATION, LIABILITY INSURANCE, AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE.
4. THE CONTRACTOR SHALL NOT DEVIATE FROM THE PROPOSED IMPROVEMENTS IDENTIFIED WITHIN THIS PLAN SET UNLESS APPROVAL IS PROVIDED IN WRITING BY STONEFIELD ENGINEERING & DESIGN, LLC.
5. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHODS OF CONSTRUCTION.
6. THE CONTRACTOR SHALL NOT PERFORM ANY WORK OR CAUSE DISTURBANCE ON A PRIVATE PROPERTY NOT CONTROLLED BY THE PERSON OR ENTITY WHO HAS AUTHORIZED THE WORK WITHOUT PRIOR WRITTEN CONSENT FROM THE OWNER OF THE PRIVATE PROPERTY.
7. THE CONTRACTOR IS RESPONSIBLE TO RESTORE ANY DAMAGED OR UNDERMINED STRUCTURE OR SITE FEATURE THAT IS IDENTIFIED TO REMAIN ON THE PLAN SET. ALL REPAIRS SHALL USE NEW MATERIALS TO RESTORE THE FEATURE TO ITS EXISTING CONDITION AT THE CONTRACTORS EXPENSE.
8. CONTRACTOR IS RESPONSIBLE TO PROVIDE THE APPROPRIATE SHOP DRAWINGS, PRODUCT DATA, AND OTHER REQUIRED SUBMITTALS FOR REVIEW. STONEFIELD ENGINEERING & DESIGN, LLC. WILL REVIEW THE SUBMITTALS IN ACCORDANCE WITH THE DESIGN INTENT AS REFLECTED WITHIN THE PLAN SET.
9. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
10. THE CONTRACTOR IS REQUIRED TO PERFORM ALL WORK IN THE PUBLIC RIGHT-OF-WAY IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AUTHORITY AND SHALL BE RESPONSIBLE FOR THE PROCUREMENT OF STREET OPENING PERMITS.
11. THE CONTRACTOR IS REQUIRED TO RETAIN AN OSHA CERTIFIED SAFETY INSPECTOR TO BE PRESENT ON SITE AT ALL TIMES DURING CONSTRUCTION & DEMOLITION ACTIVITIES.
12. SHOULD AN EMPLOYEE OF STONEFIELD ENGINEERING & DESIGN, LLC. BE PRESENT ON SITE AT ANY TIME DURING CONSTRUCTION, IT DOES NOT RELIEVE THE CONTRACTOR OF ANY OF THE RESPONSIBILITIES AND REQUIREMENTS LISTED IN THE NOTES WITHIN THIS PLAN SET.
13. FULL DEPTH ASPHALT - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST ASPHALT REPLACEMENT AREA AS REQUIRED TO PROVIDE PROPOSED GRADES.
14. ASPHALT OVERLAY - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST ASPHALT OVERLAY AREA AS REQUIRED.
15. CONTRACTOR TO PAINT EXISTING BUILDING COLUMNS. CLEAN AND PREP AS NECESSARY TO RECEIVE NEW PAINT. TYPICAL AT ALL BUILDING COLUMN LOCATIONS.
16. CONTRACTOR TO CLEAN SIDEWALKS.
17. CONTRACTOR TO PAINT EXISTING FASCIA. PREP AND REPAIR AS NECESSARY TO RECEIVE NEW PAINT.
18. CONTRACTOR TO REPAINT AND/OR REPLACE SEGMENTS OF DAMAGED OR DISCOLORED BRICKS TO MATCH EXISTING ADJACENT.
19. CONTRACTOR TO PAINT EXISTING CURB.
20. CONTRACTOR TO PAINT EXISTING UTILITIES. PREP AS NECESSARY TO RECEIVE NEW PAINT.

20' 0' 20' 40'
GRAPHIC SCALE IN FEET
1" = 20'

OVERALL SITE PLAN

W:\STONEFIELD\NYC\DWG\BANKS\NYC\PROJECTS\NYC-240036 - NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\SHEETS\NYC-240036-OTHER-OVERALL SITE.DWG

BANK OF AMERICA

ATM Upgrades

New Paltz, New York

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Issue	Date & Issue Description	By	Check
01	04/26/2024	CD	MC
	INITIAL SUBMISSION		
02	09/03/2024	AD	MC
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	ISSUED FOR REVIEW		

ZACHARY E. CHAPLIN, P.E.
NEW YORK LICENSE No. 99748
LICENSED PROFESSIONAL ENGINEER

CD — DRAWN BY
MC — CHECKED BY

STONEFIELD engineering & design, llc.

SCALE: (H) 1" = 20'

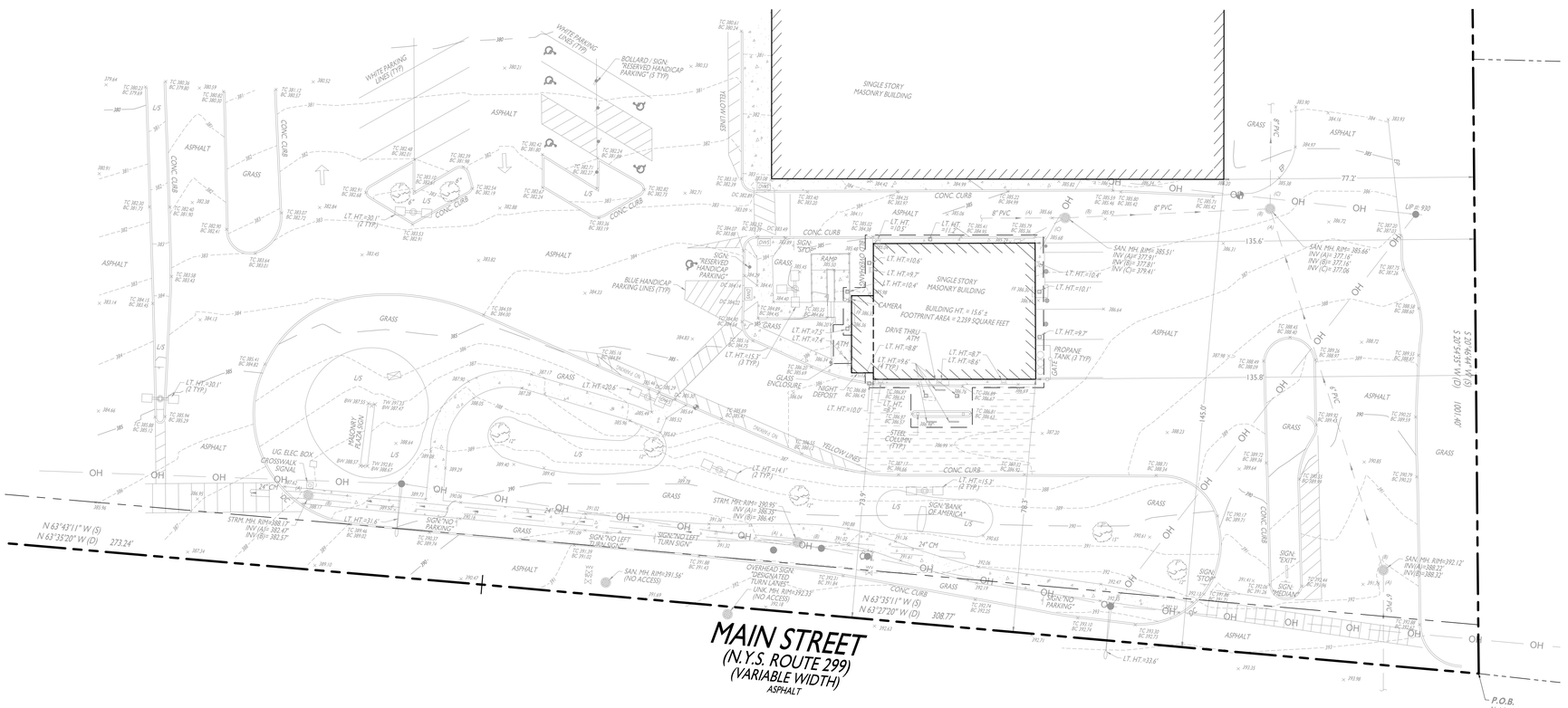
PROJECT ID: NYC-240036

TITLE:

OVERALL SITE PLAN

SHEET:

C-2



LEGEND

SYMBOL	DESCRIPTION
	BUILDING
	CONCRETE SIDEWALK / MAT
	ASPHALT / CONCRETE CURB
D.C.	DEPRESSED CURB
	PROPERTY LINE
	ADJACENT PROPERTY LINE
	MAST ARM LIGHT POLE
	POLE
	LIGHT POLE
	SIGNS
WV	WATER VALVE
GV	GAS VALVE
FH	FIRE HYDRANT
	DRAIN
	INLET
	MAN HOLE
	BOLLARDS
	OVERHEAD WIRE
	HANDICAP PARKING
U/S	LANDSCAPING
D.W.S.	DETECTABLE WARNING STRIP
E.P.	EDGE OF PAVEMENT
15"	DECIDUOUS TREE - DIAMETER NOTED
	SURVEY MONUMENT

SURVEY NOTES

1. THIS SURVEY AND THE BOUNDARIES SHOWN HEREON ARE THE RESULT OF AN ACTUAL FIELD SURVEY PERFORMED DURING MARCH OF 2024, BASED ON AVAILABLE MAPS AND DEEDS OF RECORD, AND PHYSICAL EVIDENCE. THIS SURVEY IS SUBJECT TO ALL EASEMENTS, RIGHTS OF WAYS AND AGREEMENTS OF RECORD THAT A TITLE SEARCH MAY DISCLOSE.
2. THIS SURVEY IS VALID ONLY WHEN A DIGITAL OR BLUE SEAL IS AFFIXED HERETO.
3. THE CERTIFICATION SHOWN HEREON IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
4. UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.
5. ANY SUBSURFACE UTILITIES SHOWN HAVE BEEN LOCATED FROM MARKOUTS OBSERVED ON SITE DURING THE FIELD SURVEY, AND SURFACE FEATURES SUCH AS VALVES, MANHOLES AND GRATES. STORM DRAINAGE AND OR SANITARY INVERTS ARE DEPICTED BASED ON OBSERVATIONS MADE IN THE FIELD. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION USED. THE SURVEY HAS NOT PHYSICALLY LOCATED THE UTILITIES. BEFORE ANY EXCAVATIONS ARE BEGUN, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
6. BEARINGS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM (NAD83) EAST ZONE. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), ESTABLISHED VIA RTK GPS OBSERVATIONS.
7. BENCHMARK = MAG NAIL = 385.35' (NAVD88).
   BENCHMARK = MAG NAIL = 385.55' (NAVD88).
8. BASEMENT OR BELOW GRADE STRUCTURES (IF ANY) UNKNOWN.
9. NO NEW YORK STATE DOT RECORDS WERE FOUND IN THE COUNTY CLERKS OFFICE NOR ANY RECORDS WERE RECEIVED VIA FOIL REQUEST.

SURVEY REFERENCES:

1. DEED BETWEEN NEW PALTZ PLAZA SSOCIATES, LLC (GRANTOR) AND NEW PALTZ PROPERTIES, LP (GRANTEE), DATED 03/28/1997 AND FILED IN THE ULSTER COUNTY CLERKS OFFICE AS DEED BOOK 2671 PAGE 253.
2. TAX MAP SHEET 86.0/2, TOWN OF NEW PALTZ, ULSTER COUNTY, NEW YORK. PREPARED BY ULSTER COUNTY REAL PROPERTY TAX SERVICE AGENCY, DATED 03/05/2019.

AREA NOTES:

LAND AREA = 33,571 SQUARE FEET OR 0.771 ACRE

20' 0' 20' 40'

GRAPHIC SCALE IN FEET
1" = 20'

EXISTING CONDITIONS PLAN

BANK OF AMERICA

ATM Upgrades

New Paltz, New York

Block 6, Lot 5, Section 86.12
1 New Paltz Plaza
Town of New Paltz
Ulster County, New York

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Issue	Date & Issue Description	By	Check
01	04/26/2024	CD	MC
	INITIAL SUBMISSION		
02	09/03/2024	AD	MC
	ISSUED FOR REVIEW		
03	09/12/2024	AD	MC
	ISSUED FOR REVIEW		

ZACHARY E. CHAPLIN, P.E.
NEW YORK LICENSE No. 99748
LICENSED PROFESSIONAL ENGINEER

CD	MC
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SCALE: (H) 1" = 20'

PROJECT ID: NYC-240036

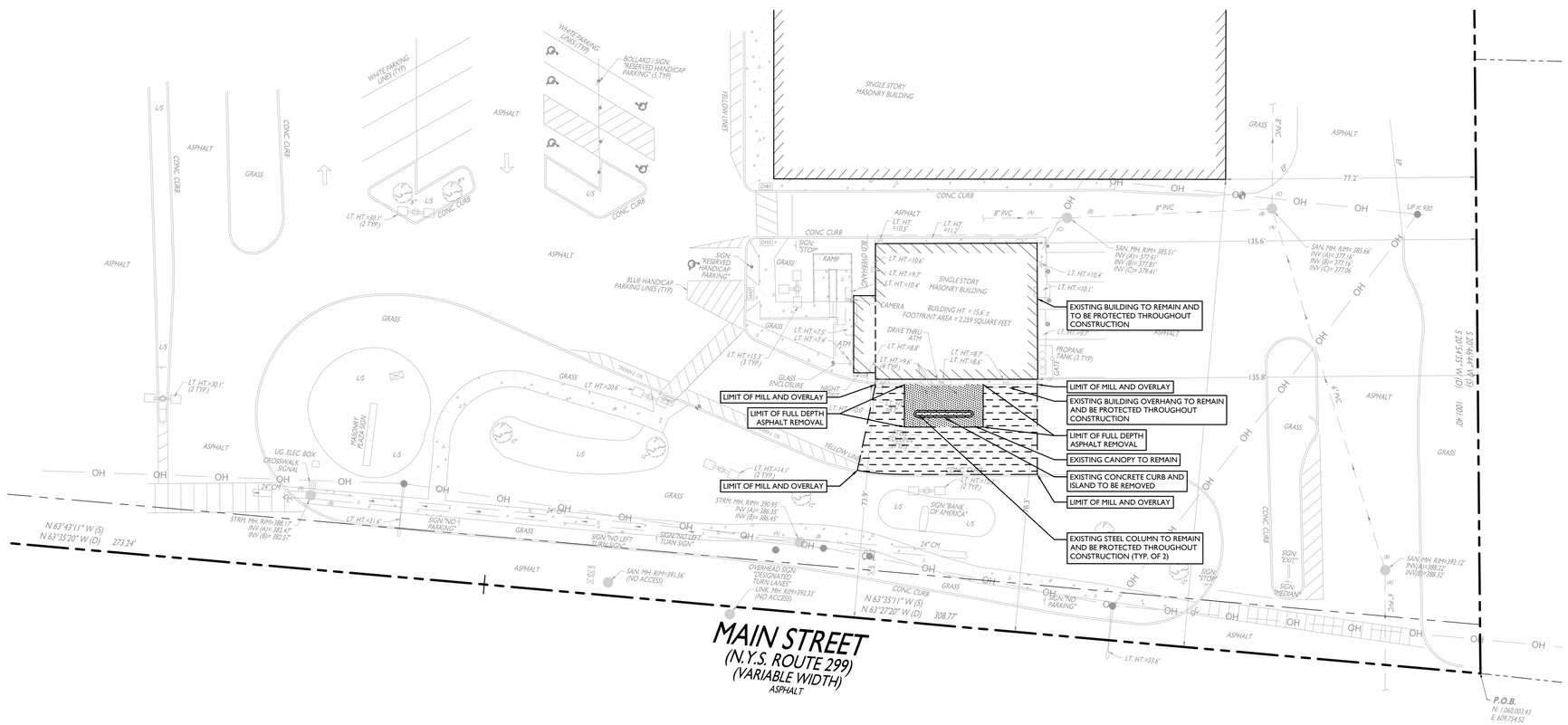
TITLE:

EXISTING CONDITIONS PLAN

SHEET:

C-3

W:\STONEFIELDENG.COM\SHARES\JOHYC\2024\NYC-240036 (BOA) - 1 NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\SHEETS\240036-03 EXIST.DWG



DEMOLITION LEGEND

- APPROXIMATE LIMIT OF DEMOLITION
- AREA OF ASPHALT TO BE REMOVED
- AREA OF ASPHALT TO BE MILLED
- AREA OF CONCRETE TO BE REMOVED
- EXISTING BUILDING
- EXISTING CURB

NOTES:
1. CONCRETE REMOVAL - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST REMOVAL AREA AS REQUIRED TO PROVIDE PROPOSED GRADES. WHERE PRACTICAL, CONTRACTOR CAN EXTEND LIMITS OF REMOVAL BASED ON LOCATION OF EXISTING CONCRETE JOINTS FOR EASE OF CONSTRUCTION.
2. ASPHALT REMOVAL - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST ASPHALT REMOVAL AREA AS REQUIRED.
3. ASPHALT MILLING - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST ASPHALT MILLING AREA AS REQUIRED.

20' 0' 20' 40'
GRAPHIC SCALE IN FEET
1" = 20'

DEMOLITION PLAN

BANK OF AMERICA

ATM Upgrades
New Paltz, New York

Block 6, Lot 5, Section 86.12
1 New Paltz Plaza
Town of New Paltz
Ulster County, New York

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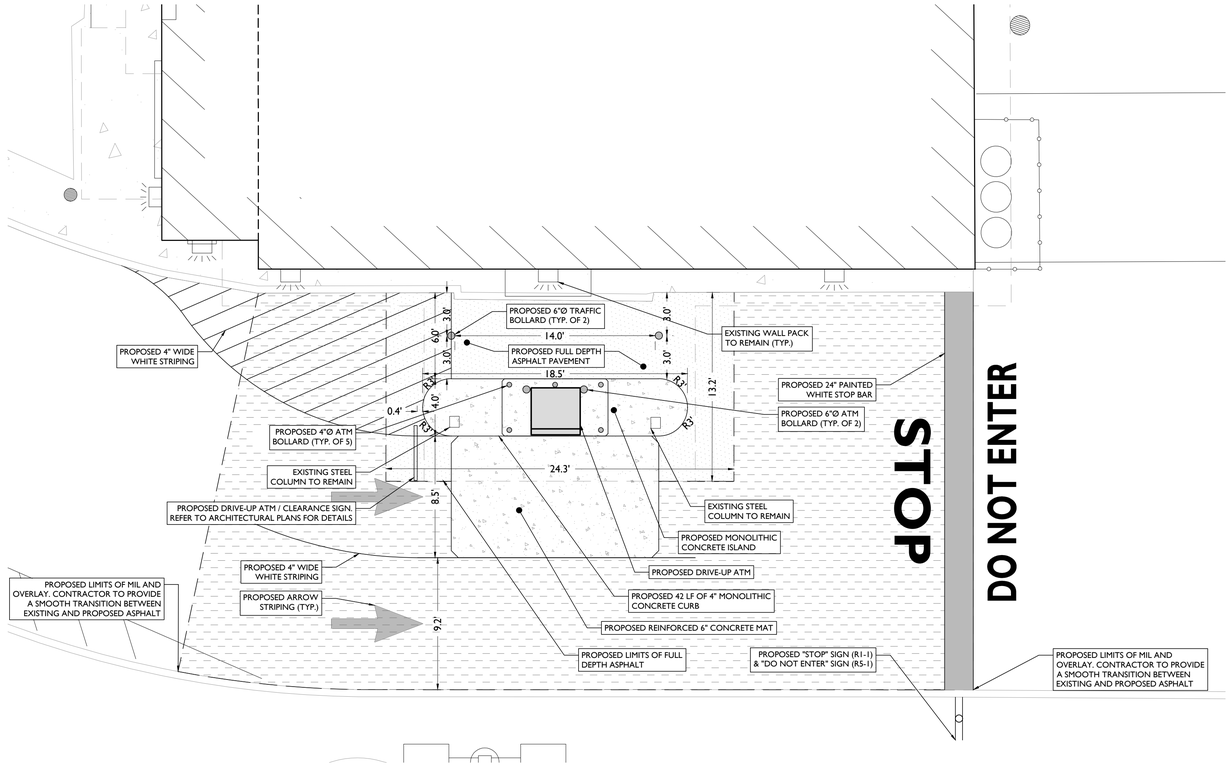
PROJECT ID: NYC-240036

TITLE: DEMOLITION PLAN

SHEET: C-4

W:\STONEFIELD\ENG\COMPANIES\CHYC\2024\NYC-240036 (BOA) - 1 NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\DWG\DETAILS\240036 DWG

SITE PLAN

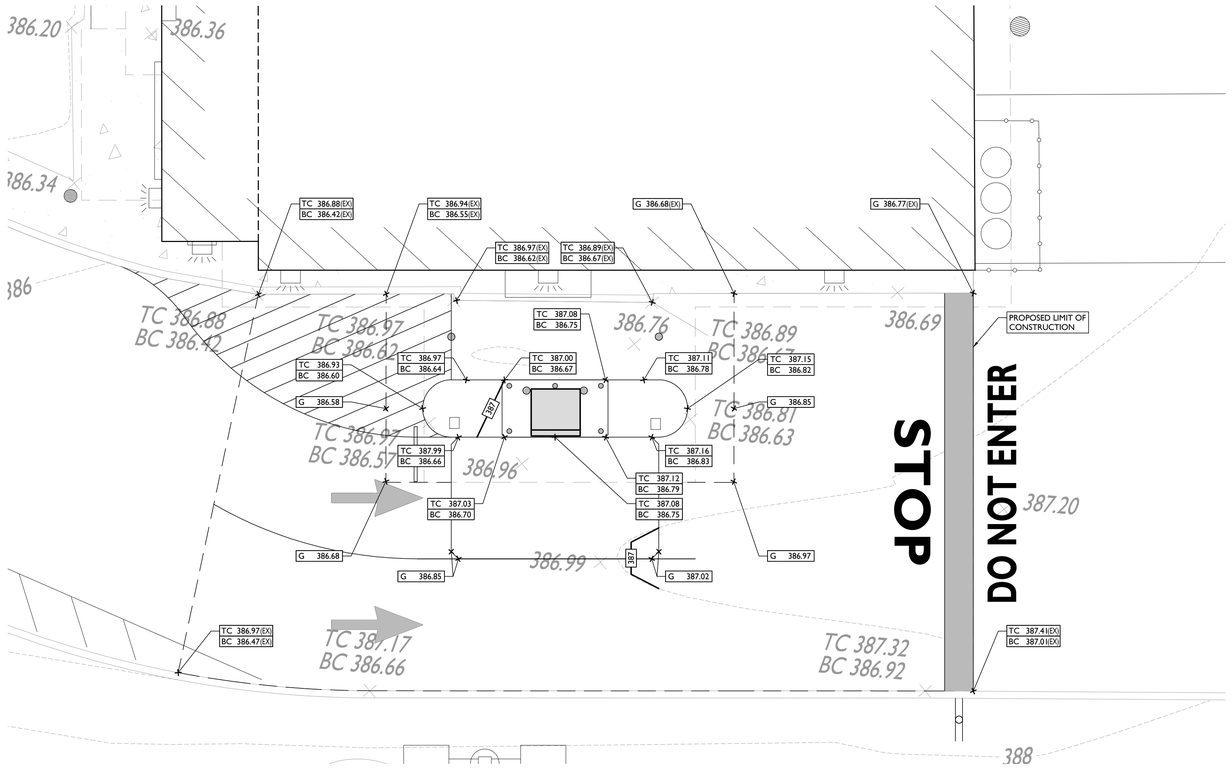


SITE LEGEND

- PROPOSED CURB
- PROPOSED SIGN / BOLLARD
- PROPOSED FULL DEPTH ASPHALT
- PROPOSED ASPHALT OVERLAY
- EXISTING BUILDING
- EXISTING CURB

5' 0' 5' 10'
GRAPHIC SCALE IN FEET
1" = 5'

GRADING PLAN



GRADING LEGEND

- 99.00 — PROPOSED SPOT ELEVATION
- 99.00(EX) — EXISTING GRADE
- 99.00 — FIRST FLOOR SPOT ELEVATION
- EXISTING BUILDING
- EXISTING CURB
- 99.78 — EXISTING SPOT ELEVATION
- TC 99.57 — EXISTING TOP OF CURB ELEVATION
- BC 99.15 — EXISTING BOTTOM OF CURB ELEVATION

NOTES:
1. FULL DEPTH ASPHALT - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST ASPHALT REPLACEMENT AREA AS REQUIRED TO PROVIDE PROPOSED GRADES.
2. ASPHALT OVERLAY - AREAS SHOWN ON PLAN ARE INTENDED TO BE APPROXIMATE. CONTRACTOR TO ADJUST ASPHALT OVERLAY AREA AS REQUIRED.

5' 0' 5' 10'
GRAPHIC SCALE IN FEET
1" = 5'

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ATM Upgrades

New Paltz, New York

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SCALE: (H) 1" = 5'

PROJECT ID: NYC-240036

TITLE:

SITE & GRADING PLANS

SHEET:

C-5

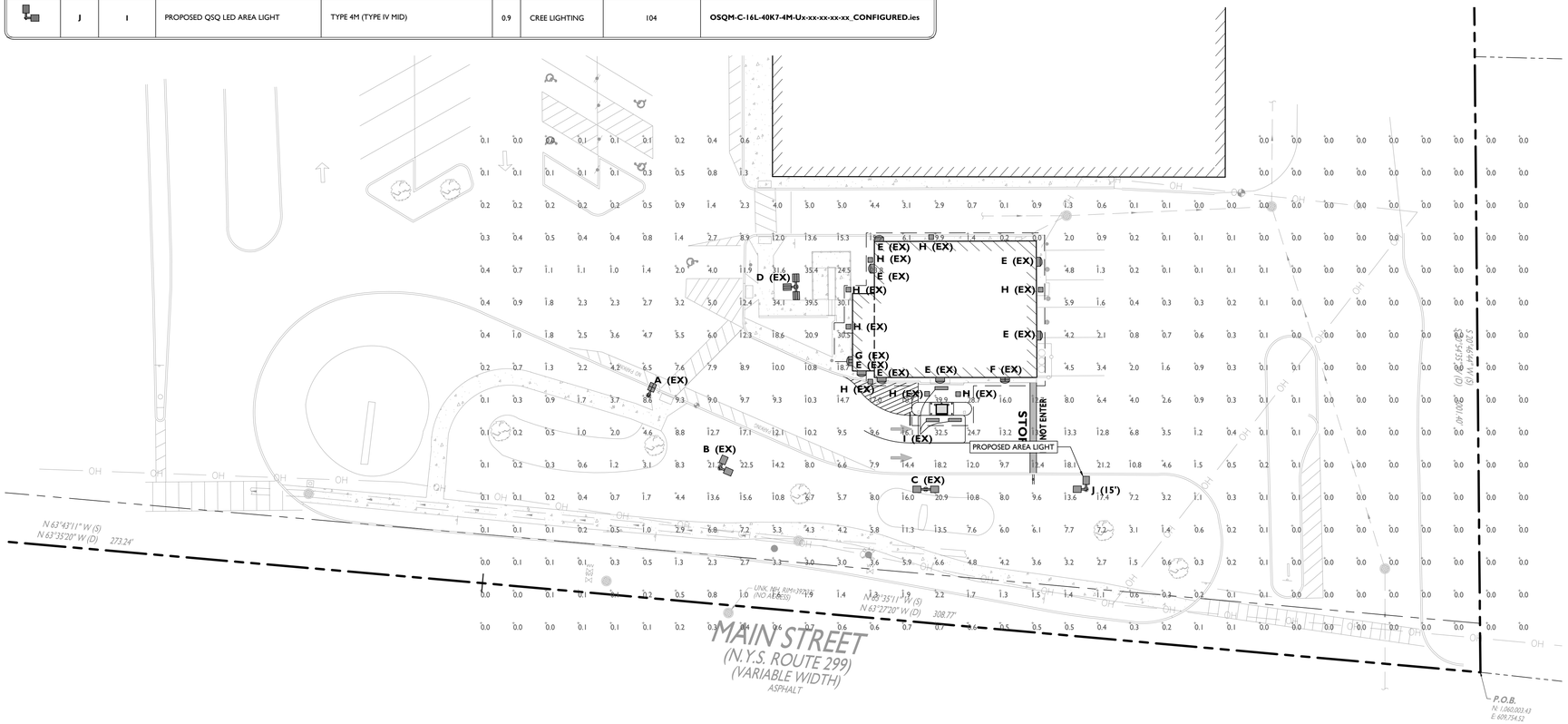
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EXISTING LUMINAIRE SCHEDULE

SYMBOL	LABEL	QUANTITY	SECURITY LIGHTING	DISTRIBUTION	LLF	MANUFACTURER	LUMINARIE WATTS PER FIXTURE	IES FILE
	A	1	EXISTING QSQ LED AREA LIGHT	TYPE 3M (TYPE III MID)	0.9	CREE LIGHTING	104	OSQM-C-16L-40K7-3M-Ux-xx-xx-xx-xx_CONFIGURED.ies
	B	1	EXISTING QSQ LED AREA LIGHT	TYPE 4M (TYPE IV MID)	0.9	CREE LIGHTING	104	OSQM-C-16L-40K7-4M-Ux-xx-xx-xx-xx_CONFIGURED.ies
	C	1	EXISTING QSQ LED AREA LIGHT	TYPE 4M (TYPE IV MID)	0.9	CREE LIGHTING	104	OSQM-C-16L-40K7-4M-Ux-xx-xx-xx-xx_CONFIGURED.ies
	D	1	EXISTING QSQ LED AREA LIGHT	TYPE 5N (TYPE V NARROW)	0.9	CREE LIGHTING	104	OSQM-C-16L-40K7-5N-Ux-xx-xx-xx-xx_CONFIGURED.ies
	E	7	EXISTING XSPW LED WALL MOUNT LIGHT	TYPE 3ME (TYPE III MEDIUM)	0.9	CREE LIGHTING	19	XSPW-B-WM-3ME-2L-40K-UL-WH_PL12366-002A.ies
	F	1	EXISTING XSPW LED WALL MOUNT LIGHT	TYPE 4ME (TYPE IV MEDIUM)	0.9	CREE LIGHTING	47	XSPW-B-WM-4ME-6L-40K-UL_CONFIGURED.ies
	G	1	EXISTING XSPW LED WALL MOUNT LIGHT	TYPE 3ME (TYPE III MEDIUM)	0.9	CREE LIGHTING	31.5	XSPW-B-xx-3ME-4L-40K-UL_PL13103-001A.ies
	H	8	EXISTING CPY LED CANOPY LIGHT	VERSION C FLAT LENS	0.9	CREE LIGHTING	14	CPY250-C-2L-40K7-F-UL-xx-xx-xxxx_CONFIGURED.ies
	I	3	EXISTING ZR LED TROFFER LIGHT	VERSION D SIZE 14 SQUARE LENS	0.9	CREE LIGHTING	32	ZR14-40L-8xx-SQ-UNV-10V5-_CONFIGURED.ies

PROPOSED LUMINAIRE SCHEDULE

SYMBOL	LABEL	QUANTITY	SECURITY LIGHTING	DISTRIBUTION	LLF	MANUFACTURER	LUMINARIE WATTS PER FIXTURE	IES FILE
	J	1	PROPOSED QSQ LED AREA LIGHT	TYPE 4M (TYPE IV MID)	0.9	CREE LIGHTING	104	OSQM-C-16L-40K7-4M-Ux-xx-xx-xx-xx_CONFIGURED.ies



SYMBOL	DESCRIPTION
A (XX')	PROPOSED LIGHTING FIXTURE (MOUNTING HEIGHT)
A (EX)	EXISTING LIGHTING FIXTURE
+x.x	PROPOSED LIGHTING INTENSITY (FOOTCANDLES)
	PROPOSED AREA LIGHT

20' 0' 20' 40'

GRAPHIC SCALE IN FEET
1" = 20'

BANK OF AMERICA

ATM Upgrades

New Paltz, New York

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ZACHARY E. CHAPLIN, P.E.
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STONEFIELD engineering & design, llc.

SCALE: (H) 1" = 20'

PROJECT ID: NYC-240036

TITLE:

LIGHTING PLAN

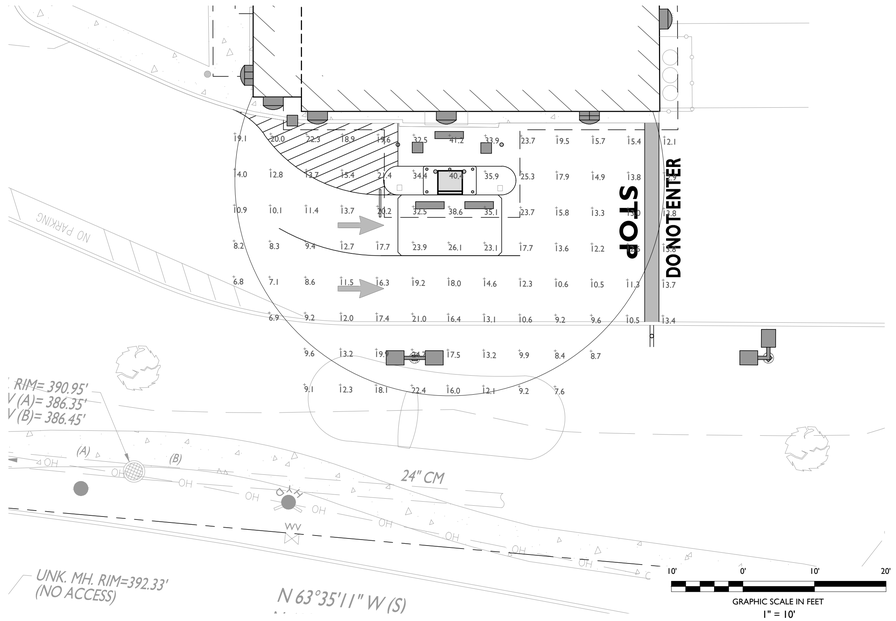
SHEET:

C-6

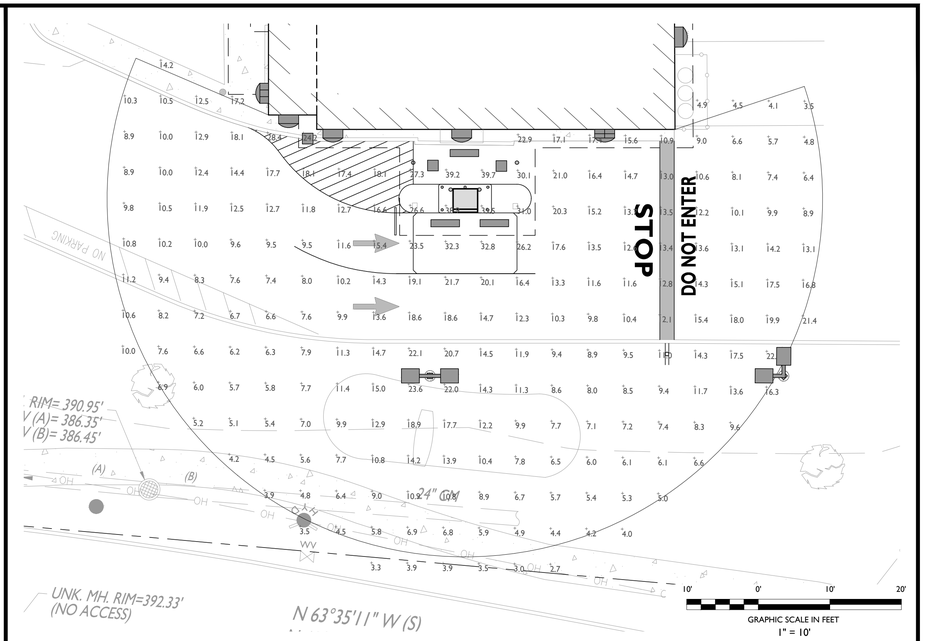
\\NJ\STONEFIELDENG.COM\SHARES\LOCS\2024\NYC-240036 - 1 NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\SHEETS\PLOTS\24-36-03 LIGHT PLAN.DWG

NEW YORK STATE LIGHTING REQUIREMENTS

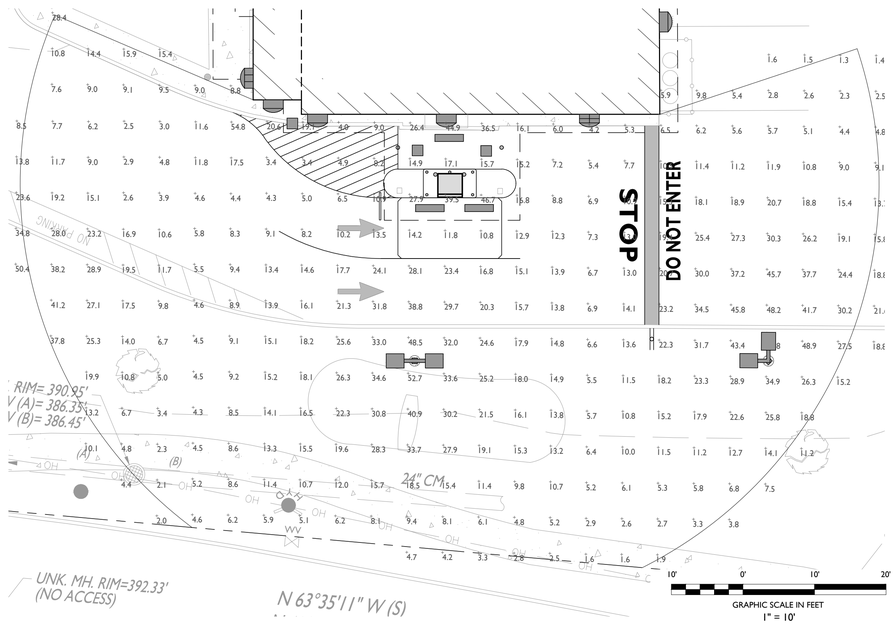
REQUIRED	PROPOSED
MINIMUM 2 FOOTCANDLES AT FACE OF ATM EXTENDING 30 FEET OUTWARD IN ALL DIRECTIONS AT GROUND LEVEL	7.1 FOOTCANDLES
MINIMUM 1 FOOTCANDLES AT FACE OF ATM EXTENDING 60 FEET OUTWARD IN ALL DIRECTIONS 5 FEET ABOVE GRADE MEASURED NORMAL TO A LIGHT SOURCE	1.3 FOOTCANDLES
MINIMUM 2 FOOTCANDLES AT FACE OF ATM EXTENDING 50 FEET OUTWARD IN ALL DIRECTIONS 5 FEET ABOVE GRADE	3.5 FOOTCANDLES
MINIMUM 5 FOOTCANDLES AT FACE OF ATM EXTENDING 5 FEET OUTWARD IN ALL DIRECTIONS 5 FEET ABOVE GRADE	9.7 FOOTCANDLES



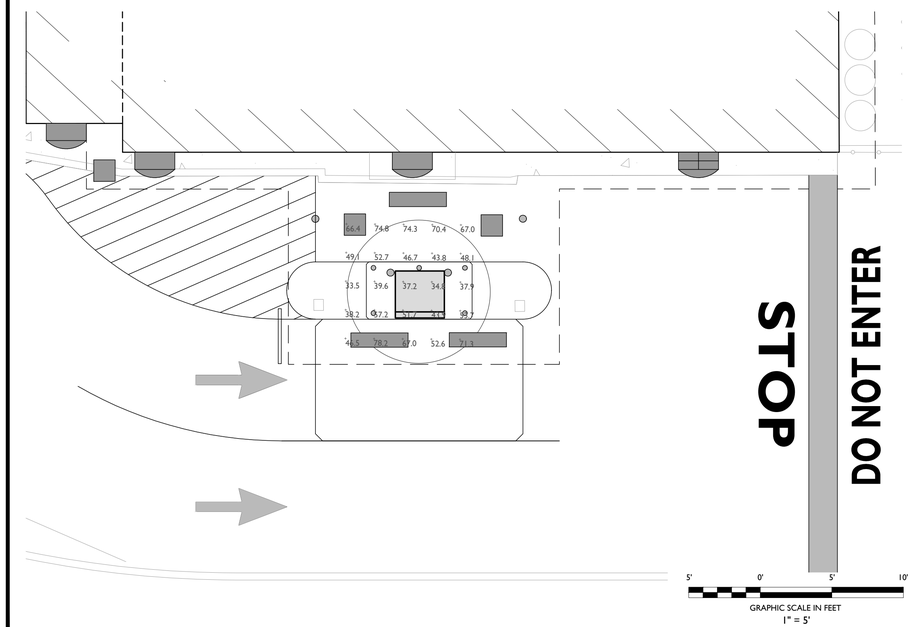
LIGHTING AT GRADE (HORIZONTAL PLANE) (30 FT RADIUS)



LIGHTING AT 60" ABOVE GRADE (HORIZONTAL PLANE) (50 FT RADIUS)



LIGHTING AT 60" ABOVE GRADE (NORMAL TO LIGHT SOURCE) (60 FT RADIUS)



LIGHTING AT 60" ABOVE GRADE (HORIZONTAL PLANE) (5 FT RADIUS)

SYMBOL	DESCRIPTION
XX	PROPOSED LIGHTING INTENSITY (FOOTCANDLES)
	PROPOSED AREA LIGHT
	PROPOSED CANOPY LIGHT
	PROPOSED WALL PACK

GENERAL LIGHTING NOTES

1. THE LIGHTING LEVELS DEPICTED WITHIN THE PLAN SET ARE CALCULATED UTILIZING DATA OBTAINED FROM THE LISTED MANUFACTURER. ACTUAL ILLUMINATION LEVELS AND PERFORMANCE OF ANY PROPOSED LIGHTING FIXTURE MAY VARY DUE TO UNCONTROLLABLE VARIABLES SUCH ARE WEATHER, VOLTAGE SUPPLY, LAMP TOLERANCE, EQUIPMENT SERVICE LIFE AND OTHER VARIABLE FIELD CONDITIONS.
2. WHERE APPLICABLE, THE EXISTING LIGHT LEVELS DEPICTED WITHIN THE PLAN SET SHALL BE CONSIDERED APPROXIMATE. THE EXISTING LIGHT LEVELS ARE BASED ON FIELD OBSERVATIONS AND THE MANUFACTURER'S DATA OF THE ASSUMED OR MOST SIMILAR LIGHTING FIXTURE MODEL.
3. UNLESS NOTED ELSEWHERE WITHIN THIS PLAN SET, THE LIGHT LOSS FACTORS USED IN THE LIGHTING ANALYSIS ARE AS FOLLOWS:
   - LIGHT EMITTING DIODES (LED): 0.90
   - HIGH PRESSURE SODIUM: 0.72
   - METAL HALIDE: 0.72
4. THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC. IN WRITING, PRIOR TO THE START OF CONSTRUCTION, OF ANY PROPOSED LIGHTING LOCATIONS THAT CONFLICT WITH EXISTING/ PROPOSED DRAINAGE, UTILITY, OR OTHER IMPROVEMENTS.
5. THE CONTRACTOR IS RESPONSIBLE TO PREPARE A WIRING PLAN AND PROVIDE ELECTRIC SERVICE TO ALL PROPOSED LIGHTING FIXTURES. THE CONTRACTOR IS REQUIRED TO PREPARE AN AS-BUILT PLAN OF WIRING AND PROVIDE COPIES TO THE OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC.

ATM LIGHTING NOTES:

1. THE CONTRACTOR SHALL REPLACE LAMP COVERS, RE-LAMP AND RE-BALLAST EXISTING LIGHT FIXTURES AS INDICATED WITHIN THE PLAN SET. THE EXISTING FIXTURE HEIGHT SHALL BE MAINTAINED UNLESS INDICATED OTHERWISE. THE LIGHTING DESIGN IS SUBJECT TO CHANGE IF THE EXISTING LIGHT FIXTURES ARE NOT GREATER THAN OR EQUAL TO THE FOLLOWING WATTAGE:
   FIXTURE 'X' = MINIMUM X WATTS
2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC. IN WRITING IF THE EXISTING LIGHT FIXTURES ARE NOT THE MINIMUM WATTAGE SPECIFIED WITHIN THE PLAN SET.
3. THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT ANY EXISTING LIGHT POLES IDENTIFIED FOR REUSE WITH A PROPOSED LIGHT FIXTURE(S) SHALL BE IN ACCEPTABLE WORKING CONDITION AND HAVE THE CAPACITY TO SUPPORT THE PROPOSED LIGHT FIXTURE(S). ANY MOUNTING EQUIPMENT REQUIRED TO ATTACH THE PROPOSED LIGHTING FIXTURE TO THE EXISTING LIGHT POLE SHALL BE PROVIDED BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL CONFIRM THAT THE LOCATION OF ANY PROPOSED BUILDING MOUNTED LIGHTING FIXTURE WILL NOT CONFLICT WITH ANY EXISTING OR PROPOSED STRUCTURAL ELEMENT (E.G. CANOPY SUPPORT BEAMS). THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC. IN WRITING OF ANY FIXTURE CONFLICT PRIOR TO THE START OF CONSTRUCTION.
5. ALL EXISTING TREE LIMBS WITHIN THE 60 FOOT ATM RADIUS SHOWN IN THE PLAN SET SHALL BE TRIMMED TO A MINIMUM OF 6 FEET ABOVE GRADE. ALL SHRUBS WITHIN THE 60 FOOT ATM RADIUS SHALL BE TRIMMED TO A MINIMUM OF 36 INCHES ABOVE GRADE. ALL BRUSH SHALL BE REMOVED. THE CONTRACTOR SHALL CONSIDER ALL FUTURE GROWTH AND FULL BLOOM WHEN TRIMMING LANDSCAPING. EXISTING TREE LIMBS ADJACENT TO LIGHTING FIXTURES SHALL BE TRIMMED AS REQUIRED TO PREVENT LIGHT INTERFERENCE.
6. PRIOR TO BID, CONTRACTOR SHALL VERIFY EXISTING EXTERIOR LIGHTING CONDITIONS AFTER DUSK AND NOTIFY THE DEVELOPER/OWNER AND STONEFIELD ENGINEERING & DESIGN, LLC. OF DAMAGED OR INOPERABLE LIGHTS. THE CONTRACTOR SHALL REPAIR ALL INOPERABLE LIGHTS UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET.
7. THE ILLUMINATION LEVELS DEPICTED WITHIN THE PLAN SET ARE BASED ON REGULATORY STATE STANDARDS FOR SAFETY LIGHTING AND ON CLIENT STANDARDS.
8. ALL LIGHTING FIXTURES, UNLESS OTHERWISE NOTED WITHIN THIS PLAN SET, HAVE THE PHOTOCELL OPTION ENABLED.
9. EXISTING LIGHTING FIXTURES CONTROLLED BY OUTSIDE ENTITIES (E.G. LANDLORD) HAVE BEEN EXCLUDED FROM THE LIGHTING ANALYSIS REFLECTED WITHIN THE PLAN SET. THE PROPOSED LIGHT LEVELS HAVE BEEN DESIGNED TO COMPLY WITH ALL APPLICABLE ATM AND SAFETY LIGHTING REQUIREMENTS INDEPENDENT OF ANY UNCONTROLLED LIGHT FIXTURES.

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ATM Upgrades

New Paltz, New York

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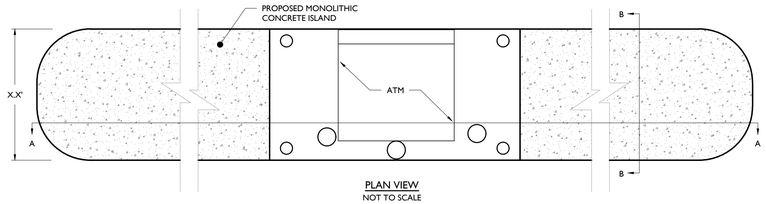
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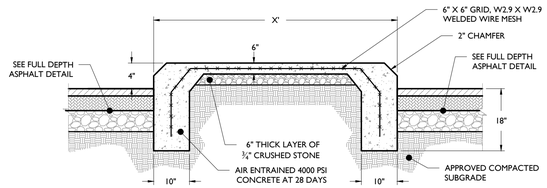
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SCALE:	(H) AS SHOWN
PROJECT ID:	NYC-240036
TITLE:	LIGHTING PLAN
SHEET:	C-7

I:\SE STONEFIELD\DWG COMPLIANCE\BOA\CONSTRUCTION\NYC-240036 - NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\PDF\ATM DWGS-06-03 LIGHT PLAN.DWG

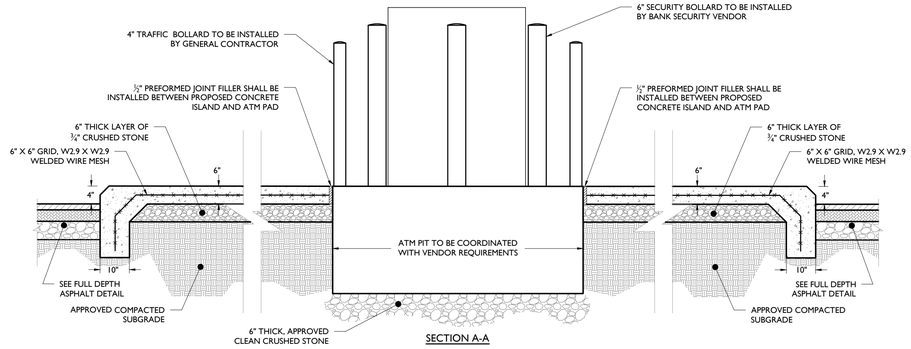


PLAN VIEW
NOT TO SCALE



SECTION B-B
NOT TO SCALE

NOTES:
1. CONCRETE TO RECEIVE BROOM FINISH.
2. CONCRETE ISLAND SHALL BE CROWNED 1% TO PREVENT PONDING.



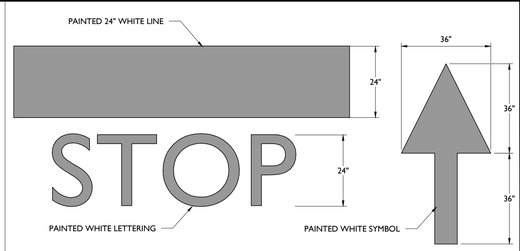
SECTION A-A
1/2" = 1'

ATM PAD AND FOUNDATION DETAIL

NOT TO SCALE

NOTE:
1. REFER TO ATM MANUFACTURER PLANS FOR ADDITIONAL DETAIL.

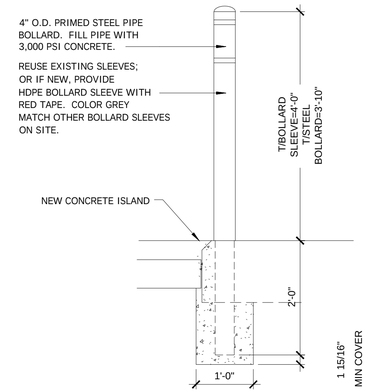
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STOP BAR & ARROW DETAILS

NOT TO SCALE

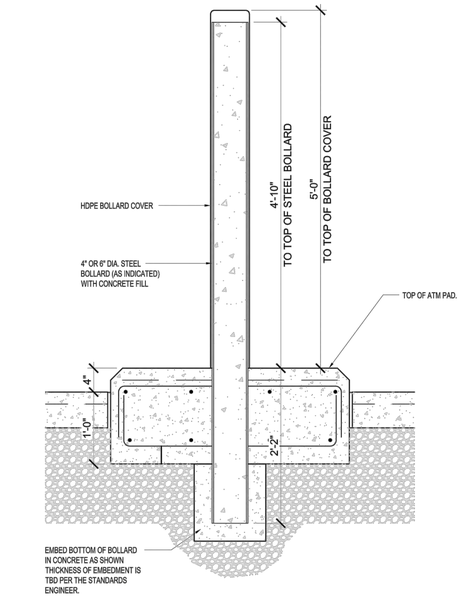
2



TRAFFIC BOLLARD DETAIL

NOT TO SCALE

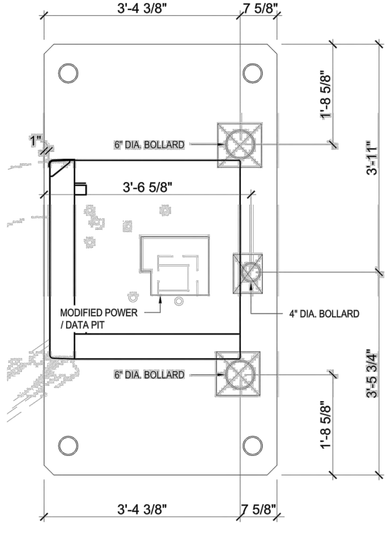
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ATM SECURITY BOLLARD DETAIL

NOT TO SCALE

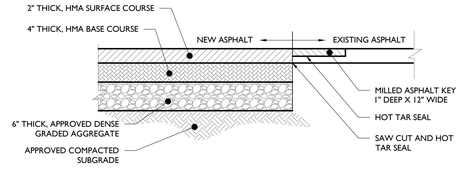
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ATM SECURITY BOLLARD LAYOUT

NOT TO SCALE

5

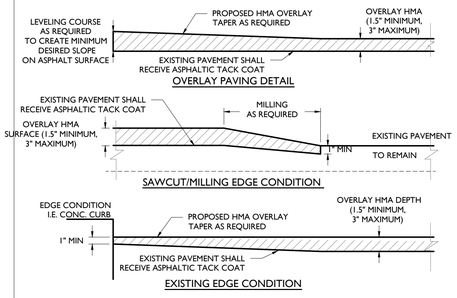


FULL DEPTH ASPHALT PAVEMENT DETAIL

NOT TO SCALE

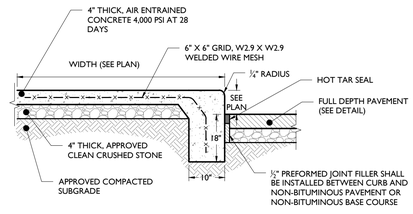
NOTE:
HMA MIX AND DENSE GRADED AGGREGATE SHALL CONFORM TO STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.

6



PAVEMENT MILLING & OVERLAY DETAIL

7

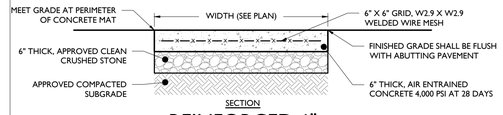


MONOLITHIC CONCRETE CURB DETAIL

NOT TO SCALE

NOTES:
1. MAXIMUM CROSS SLOPE SHALL BE ¼" PER FOOT.
2. ¼" EXPANSION JOINTS SHALL BE PROVIDED AT 12' INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED ¼" FROM THE SURFACE.
3. 1" DEEP BY ¼" WIDE, TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT 4' INTERVALS.

7



SECTION

REINFORCED 6" CONCRETE MAT

NOT TO SCALE

NOTES:
1. ½" EXPANSION JOINTS WITH WATER SEAL SHALL BE PROVIDED AT 12' INTERVALS WITH PRE-MOLDED, BITUMINOUS JOINT FILLER, RECESSED ¼" FROM THE SURFACE. LONGITUDINAL REBAR TO BE CUT AT EXPANSION JOINTS.
2. 1" DEEP BY ¼" WIDE, TOOLED CONTRACTION JOINTS SHALL BE PROVIDED AT MID-POINT BETWEEN EXPANSION JOINTS OR 6' INTERVALS MAX.
3. CONCRETE SHALL RECEIVE BROOM FINISH.
4. ALL EXPOSED CORNERS TO HAVE 12" CHAMFER.

9

\\NJ\STONEFIELDENG.COM\SHARES\PROJECTS\NYC\2024\NYC-240036\1 - NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\PDF\NYC-240036-00 DETAILS.DWG

BANK OF AMERICA

ATM Upgrades

New Paltz, New York

Block 6, Lot 5, Section 86.12
1 New Paltz Plaza
Town of New Paltz
Ulster County, New York

CIVIL ENGINEER:

STONEFIELD engineering & design

Rutherford, NJ · New York, NY · Boston, MA
Princeton, NJ · Tampa, FL · Detroit, MI
www.stonefieldeng.com

584 Broadway, Suite 310, New York, NY 10012
Phone 718.606.8305

Issue	Date & Issue Description	By	Check
01	04/26/2024	CD	MC
	INITIAL SUBMISSION		
02	09/03/2024	AD	MC
	ISSUED FOR REVIEW		
03	09/12/2024	AD	MC
	ISSUED FOR REVIEW		

ZACHARY E. CHAPLIN, P.E.
NEW YORK LICENSE No. 99748
LICENSED PROFESSIONAL ENGINEER

CD — DRAWN BY
MC — CHECKED BY

STONEFIELD engineering & design, llc.

SCALE: (H) AS SHOWN

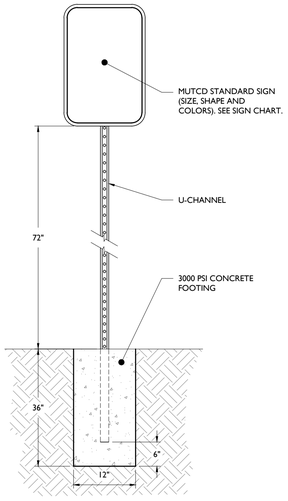
PROJECT ID: NYC-240036

TITLE:

CONSTRUCTION DETAILS

SHEET:

C-8



SIGN POST DETAIL

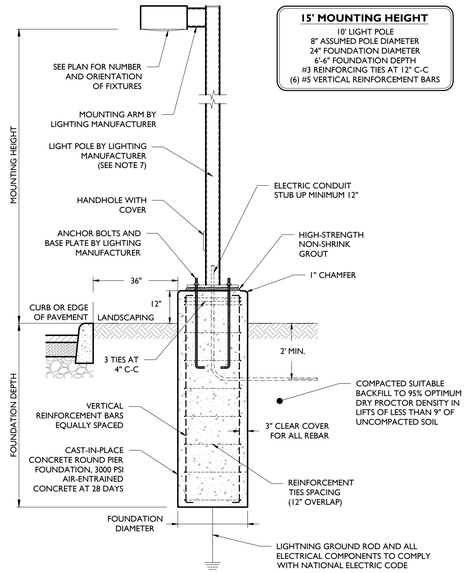
NOT TO SCALE

M.U.T.C.D. NUMBER	TEXT	COLOR		SIZE OF SIGN (WIDTH X HEIGHT)	TYPE OF MOUNT
		LEGEND	BACKGROUND		
STOP SIGN (R1-1)	STOP	WHITE	RED	36"x36"	GROUND
DO NOT ENTER (R5-1)	DO NOT ENTER	RED	WHITE	30"x30"	GROUND

NOTE:
1. ALL SIGNS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), EXCEPT AS NOTED.
2. ALL SIGNS SHALL BE MOUNTED AS TO NOT OBSTRUCT THE SHAPE OF "STOP" (R1-1) AND "YIELD" (R1-2) SIGNS.

SIGN DATA TABLE

NOT TO SCALE



LIGHT POLE INSTALLATION DETAIL

NOT TO SCALE

NOTES:
1. MINIMUM SOIL BEARING PRESSURE OF 1500 PSF. SOIL FRICTION ANGLE OF 30 DEGREES, AND SOIL DRY UNIT WEIGHT OF 120 PCF SHALL BE CONFIRMED IN THE FIELD BY A QUALIFIED PROFESSIONAL.
2. CAST-IN-PLACE CONCRETE SHALL BE CONSOLIDATED USING VIBRATOR.
3. ALL REBAR TO BE NEW GRADE 60 STEEL.
4. PRE-CAST PIERS ACCEPTABLE UPON WRITTEN APPROVAL OF SHOP DRAWING BY ENGINEER.
5. CONCRETE TO BE INSTALLED A MINIMUM OF 7 DAYS PRIOR TO INSTALLING LIGHT POLE. POURED CONCRETE MIX REQUIRED TO OBTAIN 80% OF DESIGN STRENGTH PRIOR TO INSTALLING LIGHT POLE.
6. CONCRETE SHALL HAVE A MAXIMUM SLUMP OF 4" (WITHIN 1" TOLERANCE).
7. POLE SHALL BE RATED FOR 10 MPH HIGHER THAN MAXIMUM WIND SPEED 33FT ABOVE GROUND FOR THE AREA BASED ON ANSI/ASCE 7-93.
8. POUR TO BE TERMINATED AT A FORM.
9. WORK SHALL CONFORM TO ACI BEST PRACTICES FOR APPROPRIATE TEMPERATURE AND WEATHER CONDITIONS.
10. CONTRACTOR TO TEMPORARILY SUPPORT ADJACENT SOIL AND STRUCTURES DURING EXCAVATION IF REQUIRED.

OSQ Series

OSQ™ LED Area/Flood Luminaire featuring Patented NanoComfort™ Technology – Version C

Rev. Date: V9 01/30/2024

Product Description

The OSQ™ Area/Flood luminaire blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weathertight LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low-profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination. Medium is suitable upgrade for HID applications up to 400 Watts. Large is suitable upgrade for HID applications up to 1000 Watts. Extra Large is suitable upgrade for HID applications up to multiple 1000 Watts.
Applications: Parking lots, walkways, campuses, car dealerships, office complexes, pickleball courts, high-mast and internal roadways

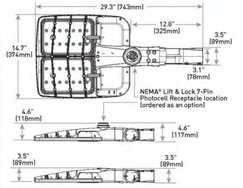
Performance Summary

- Utilizes Patented NanoComfort™ Technology
- Utilizes Cree TrueWhite® Technology on 5000K Luminaires
- Assembled in the USA by Cree Lighting from US and imported parts
- **Initial Delivered Lumens:** 4,000 - 85,000
- **Efficacy:** Up to 171 LPW
- **CRI:** Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)
- **CCT:** 3000K, 4000K, 5000K, 5700K
- **Limited Warranty**[1]: 10 years for luminaire; 10 years for Colorfast DeltaGuard® finish; 5 years for BML sensor; up to 5 years for Synapse® accessories; 1 year for luminaire accessories

[1]See http://creelighting.com/warranty for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms.

OSQM - AA Mount





Luminaire	Weight
OSQM	19.3 lbs. [8.8kg]

Note: For OSQL, OSQX and additional mounts, refer to drawings on page 27.

Ordering Information

Fully assembled luminaire is composed of two components that must be ordered separately.
Example: **Mount:** OSQ-ML-C-AA-BK + **Luminaire:** OSQM-C-4L-30K7-2M-UL-NM-BK

Mount (Luminaire must be ordered separately)*

OSQ-

Medium/Large Mounts	Extra Large Mounts	Color Options:	
OSQ-ML-C-AA Adjustable Arm	**OSQ-X-C-AA** Adjustable Arm	**SV** Silver	**BZ** Bronze
OSQ-ML-C-DA Direct Arm	**OSQ-X-C-DA** Direct Arm	**BK** Black	**WH** White
OSQ-ML-C-TM Trunnion Mount			

* Reference fixture mounting drill pattern, EPA, and pole configuration suitability data beginning on page 14.

Luminaire (Mount must be ordered separately)

OSQ C

Family	Size	Series	Lumen Package*	CCT/ CRI	Optic	Voltage	Mount	Color Options	Controls*	Options
OSQ	M Medium L Large X Extra Large	C	**Medium** **4L** 4,000 Lumens **6L** 6,000 Lumens **9L** 9,000 Lumens **11L** 11,000 Lumens **14L** 16,000 Lumens **Large** **22L** 22,000 Lumens **30L** 30,000 Lumens **40L** 40,000 Lumens **Extra Large** **50L** 50,000 Lumens **65L** 65,000 Lumens **75L** 75,000 Lumens **85L** 85,000 Lumens	**30K7** 3000K, 70 CRI **40K7** 4000K, 70 CRI **50K7** 5000K, 70 CRI **57K7** 5700K, 70 CRI **30**** Type III Mid w/ Factory-Installed Backlight Shield - Available with all lumen packages except 85L **UH** Type IV Mid	**Asymmetric** **2M** Type II Mid **2B**** Type II Mid w/ Factory-Installed Backlight Shield - Available with all lumen packages except 85L **3M** Type III Mid **3B**** Type III Mid w/ Factory-Installed Backlight Shield - Available with all lumen packages except 85L **4B**** Type IV Mid w/Factory-Installed Backlight Shield - Available with all lumen packages except 85L **AF** Automotive FrontlineOptic™ **AB**** Automotive Frontline Optic™ w/Factory-Installed Backlight Shield - Available with all lumen packages except 85L **Symmetric** **5L** Type V Long **5M** Type V Mid **5N** Type V Narrow **33** NEMA® 3x3 **44** NEMA® 4x4 **55** NEMA® 5x5 **66** NEMA® 6x6 **77** NEMA® 7x5	**4L** Universal 120-277V **UH** Universal 347-480V - Not available with 4L, 40L, 75L or 85L lumen packages **UE** Universal 277-480V - Available only with 40L, 75L and 85L lumen packages	**NM** No Mount - Most specify mount from table above - Mount ships separately	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**BML** **Bluetooth® Technology Enabled Multi-Level Sensor** - Utilizes a multifunction sensor - Refer to EML_spec sheet for details - 20-40' sensor lens installed on luminaire; 8-28' sensor lens and aisle shroud included - Intended for downlight applications at 0° tilt - Not available with O or X options or Synapse TLT-HAS accessory **Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1** **Field Adjustable Output** - Must select Q9, Q8, Q7, Q6, Q5, Q4, Q3, Q2, or Q1 - Offers full range adjustability - Refer to pages 15-26 for power and lumen values - Not available with BML or X options or Synapse TLT-HAS accessory **X9/X7/X6/X5/X4/X3/X2/X1** **Locked Lumen Output** - Must select X9, X7, X6, X5, X4, X3, X2, or X1 - Not available with BML or Q options - X1 option not available with the following lumen package/voltage offerings: 9L/UL, 14L/UL, 14L/4R, 30L/UL, 30L/4R, 40L/UH, 40L/UE, 40L/4R - X2 option not available 9L/UL lumen package/voltage - Lumen output is permanently locked to the setting selected - Refer to pages 15-26 for power and lumen values	**20KV** **20kV/10kA Surge Suppression** - Replaces standard 10kV/5kA surge protection **F** **Fuse** - Compatible with 120V, 277V or 347V (phase to neutral) - Consult factory if fusing is required for 208V, 240V or 480V (phase to phase) - When code dictates fusing, use time delay fuse **N** **Utility Label and NEMA® Lift & Lock 7-Pin Photocell Receptacle** - External utility label per ANSI C136.15-2020 - 7-pin receptacle per ANSI C136.41 - Available only with DSGM & DSGE luminaires - Intended for downlight applications with maximum 45° tilt - Factory-connected 0-10V dim leads - Requires photocell or shorting cap by others **R** **NEMA® Lift & Lock 7-Pin Photocell Receptacle** - 7-pin receptacle per ANSI C136.41 - Intended for downlight applications with maximum 45° tilt - Factory-connected 0-10V dim leads - Requires photocell or shorting cap by others - Refer to page 2 for compatible Synapse control offerings **RL** **Rotate Left** - LED and optic are rotated to the left - Refer to RR/RL configuration diagram on page 27 for optic directionality - Not for use with symmetric optics **RR** **Rotate Right** - LED and optic are rotated to the right - Refer to RR/RL configuration diagram on page 27 for optic directionality - Not for use with symmetric optics

* Lumen Package codes identify approximate light output only. Actual lumen output levels vary by CCT and optic selection. Refer to Initial Delivered Lumen tables for specific lumen values.
* Luminaire comes standard with 0-10V dimming.
** Factory-installed backlight shields are integral to luminaire optic and may not be removed in the field. For field-install backlight control, please refer to the External Backlight Shields in the accessory table on page 2.

US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING

BANK OF AMERICA

ATM Upgrades
New Paltz, New York

Block 6, Lot 5, Section 86.12
1 New Paltz Plaza
Town of New Paltz
Ulster County, New York

CIVIL ENGINEER:

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584 Broadway, Suite 310, New York, NY 10012
Phone 718.606.8305

Issue	Date & Issue Description	By	Check
01	04/26/2024	CD	MC
	INITIAL SUBMISSION		
02	09/03/2024	AD	MC
	ISSUED FOR REVIEW		
03	09/12/2024	AD	MC
	ISSUED FOR REVIEW		

ZACHARY E. CHAPLIN, P.E.
NEW YORK LICENSE No. 99748
LICENSED PROFESSIONAL ENGINEER

CD — DRAWN BY
MC — CHECKED BY

STONEFIELD engineering & design, llc.

SCALE: (H) AS SHOWN

PROJECT ID: NYC-240036

TITLE:

CONSTRUCTION DETAILS

SHEET:

C-9

Z:\ACTIVE\2024\NYC-240036.CBRE - 1 NEW PALTZ PLAZA, NEW PALTZ, NY\CAD\BIM_OUTPUT\A-M-BIM DETAIL.DWG

APPENDIX C
STONEFIELD CERTIFICATION MEMO

STONEFIELD

Exterior Renovation Post Construction Summary

To: Clyde Basner - CBRE

Re: Bank of America Exterior Renovation
1 New Paltz Plaza
New Paltz, New York

Date: May 8, 2025

Our office, Stonefield Engineering and Design, LLC., performed a post construction inspection on April 15, 2025, to review the recently constructed exterior site improvements at the above referenced property. The inspection found the site improvements to be generally consistent with the site plan documents prepared by our office. Should you have any questions regarding the above please do not hesitate to contact our office.

\\us.stonefieldeng.com\Shares\LIC\NYC\2024\NYC-240036 CBRE - 1 New Paltz Plaza, New Paltz, NY\Correspondence\Outgoing\Client & Project Team\2025-05-08_Post Construction Inspection Memo.docx

APPENDIX D
PHOTOGRAPH LOG

DAILY PHOTOGRAPH LOG

STERLING
Sterling Environmental Engineering, P.C.

Project:	New Paltz Plaza #2014-45
Photo By:	Turner and Townsend

Photo No.	Date	Time
1	4/2/2025	5:01

Direction Looking: Northeast

Comments:
Excavated Bank of America ATM pad.



Photo No.	Date	Time
2	4/3/2025	2:50

Direction Looking: Northeast

Comments:
Bank of America ATM pad with slab poured.



STERLING
Sterling Environmental Engineering, P.C.

DAILY PHOTOGRAPH LOG

Project:	New Paltz Plaza #2014-45
Photo By:	Turner and Townsend

Photo No.	Date	Time
3	4/3/2025	2:51

Direction Looking: East

Comments:
Installed safety bollards.

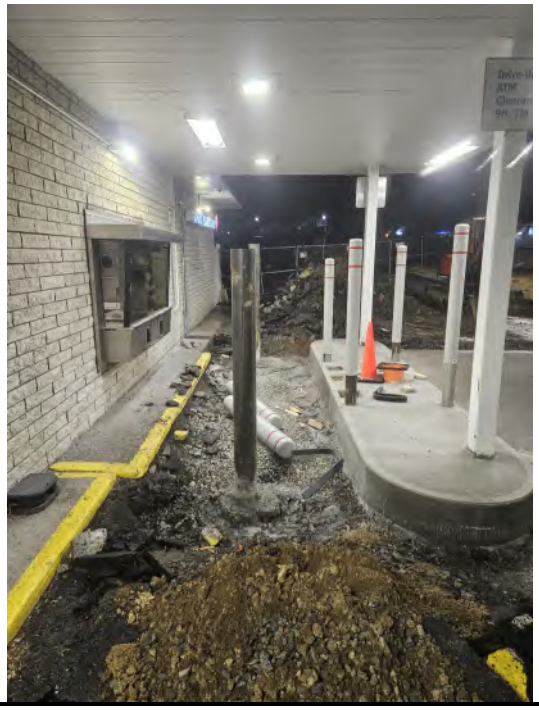


Photo No.	Date	Time
4	4/24/2025	6:17

Direction Looking: East

Comments:
Completed Bank of America ATM pad.



STERLING
Sterling Environmental Engineering, P.C.

DAILY PHOTOGRAPH LOG

Project:	New Paltz Plaza #2014-45
Photo By:	Turner and Townsend

Photo No.	Date	Time
5	4/24/2025	6:18

Direction Looking: West

Comments:
Completed Bank of America ATM pad.



Photo No.	Date	Time
6	4/24/2025	6:18

Direction Looking: North

Comments:
Completed Bank of America ATM pad.



STERLING
Sterling Environmental Engineering, P.C.

DAILY PHOTOGRAPH LOG

Project: New Paltz Plaza #2014-45

Photo By: NYSDEC

Photo No.	Date	Time
7	4/1/2025	9:31

Direction Looking: Southwest

Comments:
Stockpiled concrete, stone, and black top.



Photo No.	Date	Time
8	4/1/2025	9:31

Direction Looking: Southwest

Comments:
Bank of America ATM pad construction site.



APPENDIX C

SSDS Inspection Documentation

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, NY 12110

SSDS INSPECTION FORM

Project/No.	2014-45					Page 1 of 1		
Client:	New Paltz Plaza							
Inspector:	A. Castignetti and P. Scholar					Date: 8/22/2023 and 9/19/2023		
Instrument Used:	NA							
Measurements by:	A. Castignetti and P. Scholar							
Task:	Perform Annual (2023) SSDS Inspection							

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris Store	Metro* Mattress	TasTea*	Bagle Shop	Dollar Store
System Fan	X	X	X	X	X	X[1]	X	X
System Piping and Connections	X	X	X	X	X	X	X	X
Slab/System Interface Seals	X	X	X	X	X	X	X	X
Electrical Components	X	X	X	X	X	X	X	X
Pressure Gauges	X	X	X	X	X	X	X	X
Low Presure Alarm	X	X	X	X	X	X	X	X
Pressure Differential Reading	-13.5	-4	-27	-38	-2.5	-19	-12.5	-1

Notes:

X = No deficiencies observed.

1. System fan not functioning during initial inspection. Fan replaced on 09/19/2023.

*See attached map for store locations.

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, NY 12110

SSDS INSPECTION FORM

Project/No.	2014-45					Page 1 of 1		
Client:	New Paltz Plaza							
Inspector:	P. Scholar and B. Chew					Date: 8/21/2024		
Instrument Used:	NA							
Measurements by:	P. Scholar							
Task:	Perform Annual (2024) SSDS Inspection							

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris Store	Metro* Mattress	TasTea*	Bagle Shop	Dollar Store
System Fan	X	X	X	X	X	X[1]	X	X
System Piping and Connections	X	X	X	X	X	X	X	X
Slab/System Interface Seals	X	X	X	X	X	X	X	X
Electrical Components	X	X	X	X	X	X	X	X
Pressure Gauges	X	X	X	X	X	X	X	X
Low Presure Alarm	X	X	X	X	X	X	X	X
Pressure Differential Reading	-13.5	-4	-26	-38	-2.5	-19	-12.5	-0.7

Notes:
X = No deficiencies observed.
*See Figure 2 for store locations.

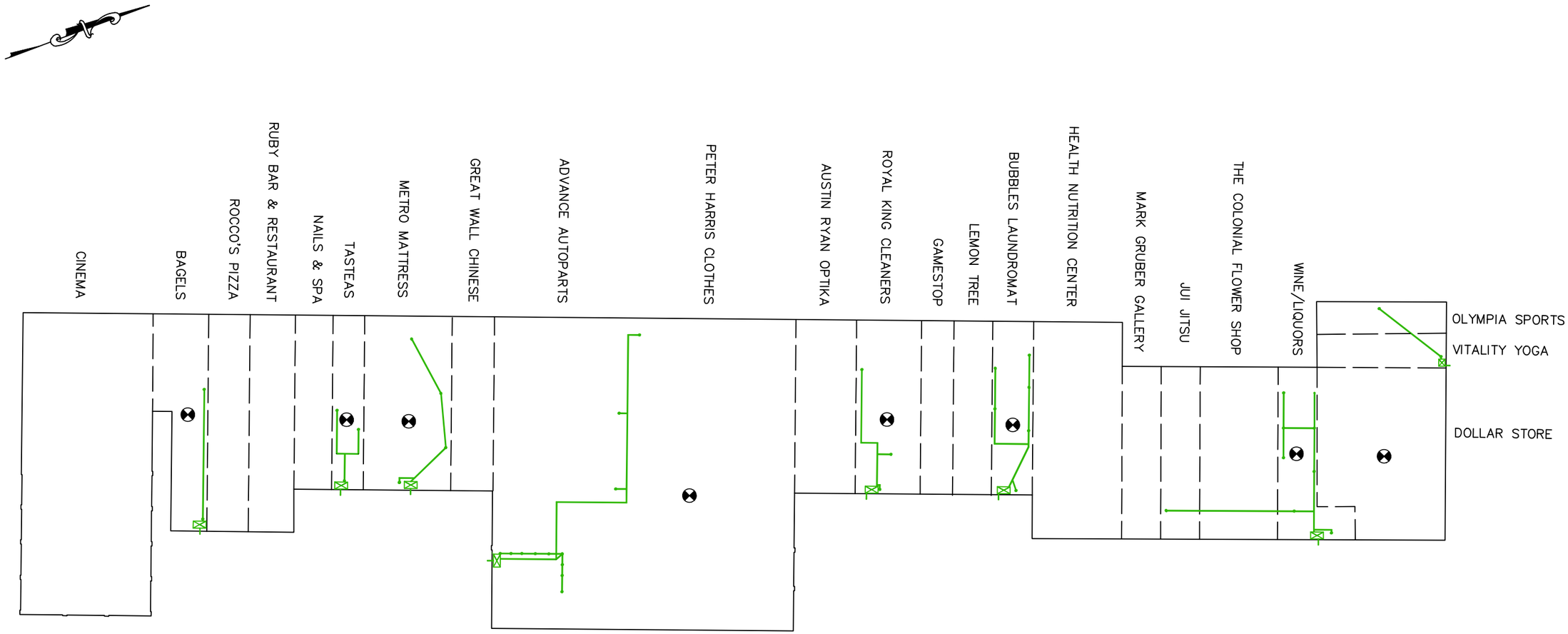
Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, NY 12110

SSDS INSPECTION FORM

Project/No.	2014-45					Page 1 of 1		
Client:	New Paltz Plaza							
Inspector:	P. Scholar and S. St Lucia					Date: 8/12/2025		
Instrument Used:	NA							
Measurements by:	P. Scholar							
Task:	Perform Annual (2025) SSDS Inspection							

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris Store	Metro* Mattress	TasTea*	Bagle Shop	Dollar Store
System Fan	X	X	X	X	X	X[1]	X	X
System Piping and Connections	X	X	X	X	X	X	X	X
Slab/System Interface Seals	X	X	X	X	X	X	X	X
Electrical Components	X	X	X	X	X	X	X	X
Pressure Gauges	X	X	X	X	X	X	X	X
Low Presure Alarm	X	X	X	X	X	X	X	X
Pressure Differential Reading	-14	-6	-25	-30	-2.5	-25	-12	-0.7

Notes:
X = No deficiencies observed.
* See figure for monitoring locations



0 25' 50'

1" = 50'

LEGEND:

- STORE INSPECTION LOCATION
- SSDS SYSTEM COMPONENT

STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

SSDS INSPECTION LOCATIONS
NEW PALTZ PLAZA PROPERTIES, LP
NEW PALTZ PLAZA
TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.: 2014-45	DATE: 10/31/2023	SCALE: 1" = 50'	DWG. NO. 2014-45010	FIGURE 1

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45010_F-1 - Site Map 2023.dwg PAUL.SCHOLAR 10/31/2023 11:11 AM

APPENDIX D

Letter from NYSDOH Addressing Tops Supermarket SSDS Shutdown

NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

SALLY DRESLIN, M.S., R.N.
Executive Deputy Commissioner

March 19, 2018

Matthew Hubicki
NYS Dept. of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany NY, 12233-7015

Re: **Air Sampling Summary Report, Sub-Slab Depressurization System Termination, Tops Markets**
New Paltz Plaza/Revonak Dry Cleaners
Site # V00087/356021
New Paltz, Ulster County

Dear Mr. Hubicki:

I have reviewed the subject report in which Top's Markets requests permission to cease all operation, maintenance and monitoring of the sub-slab depressurization system (SSDS) installed at the store. I understand that the SSDS was installed by the owners as a precautionary measure even though soil vapor intrusion air sampling did not indicate that soil vapor intrusion was a concern. The report provides sub-slab and indoor air data from samples collected six weeks after the SSDS was temporarily turned off (sampling date September 12, 2017) that indicates the sub-slab vapor samples are not likely to result in indoor air impacts. This, combined with the understanding that data collected prior to construction of the store indicated that soil vapor was not significantly impacted and therefore mitigation was not recommended. Based on this information I find the proposal to terminate the operation of the SSDS as acceptable with the understanding that SSDS piping will remain in place, and should environmental conditions change that additional sampling may be needed in the future to verify actions are not needed to address the potential for soil vapor intrusion.

If you have any questions, please contact me at (518) 402-7860.

Sincerely,

Steven Karpinski
Bureau of Environmental Exposure Investigation
Center for Environmental Health

ec:

M. Schuck - e-File
C. Westerman – NYSDOH MARO
S. Mertens - UCHD
G. Heitzman / D. Crosby – NYSDEC Central Office
E. Moore – NYSDEC Region

APPENDIX E

Groundwater Sampling and SSDS Inspection Reports; November 6, 2023 and September 18, 2024

November 6, 2023 Groundwater Sampling and SSDS Inspection Report

Sterling Environmental Engineering, P.C.

November 6, 2023

Mr. Matthew Hubicki
NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Email: matthew.hubicki@dec.ny.gov

Subject: Annual Groundwater Sampling and SSDS Inspection
New Paltz Plaza, New Paltz, NY
Site No. V00087/356021
STERLING File #2014-45

Dear Mr. Hubicki,

Sterling Environmental Engineering, P.C. (STERLING) performed annual groundwater sampling and inspected the sub-slab depressurization systems (SSDSs) at the New Paltz Plaza on August 22, 2023. The groundwater sampling and inspections were completed per the October 2014 approved Site Management Plan (SMP).

Groundwater levels were measured, and groundwater samples were collected from the five (5) site monitoring wells (MW-2, MW-9, MW-10, MW-11, and BR-2) per the SMP. A summary of the groundwater levels is provided in Table 1, and a groundwater contour map prepared using the measured water levels is presented in Figure 1. Groundwater samples were collected using low-flow purging and sampling methodology. Temperature, pH, Specific Conductivity, Oxidation Reduction Potential (ORP) and Dissolved Oxygen (DO) were measured in the field. Groundwater samples were collected once field parameters stabilized. Field monitoring forms are provided in Attachment 1.

Groundwater samples were analyzed for Volatile Organic Compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260 in accordance with the SMP. A duplicate sample was collected and analyzed from MW-10 for quality control.

Groundwater samples were analyzed by Alpha Analytical Laboratories, Inc. (Alpha). The results for VOCs detected at or above the laboratory reporting limit are summarized in Tables 2 through 6. Concentrations of total VOCs were consistent with historical concentrations with relatively minor variation. The laboratory analytical report is provided in Attachment 2. The groundwater analytical results and laboratory report will be included in the next Periodic Review Report (September 2025).

The SSDSs were inspected on August 22, 2023. SSDS inspection locations are displayed in Figure 2. The fan unit at the Tasteas store (former jewelry store) was found to be inoperable. The fan was replaced by a RadonAway Model HS5500 Fan and resumed operation on September 19, 2023. The results of the inspections are summarized on the inspection form in Attachment 3. All systems are operating properly and all maintenance/parts issues have been addressed.

Please contact me should you have any questions.

Best Regards,
STERLING ENVIRONMENTAL ENGINEERING, P.C.



Thomas M. Johnson, P.G., C.P.G.
Senior Hydrogeologist
Thomas.Johnson@Sterlingenvironmental.com

TMJ/bc
Via Email
Attachments: Tables 1 – 6
Figures 1 & 2
Attachments 1, 2 and 3

cc: P. Kempner

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\Reports\SMP Monitoring\2023 SMP Monitoring Report\2023-11-06_SMP Monitoring Report.docx

TABLES

TABLE 1
Ground Water Elevations
Ground Water Monitoring Program
New Paltz Plaza

Well ID	Measuring Point Elevation	August 22, 2023	
		Depth to Water (ft.)	Water Level Elevation
MW-2	97.31	3.04	94.27
MW-9	92.04	2.94	89.10
MW-10	92.56	8.52	84.04
MW-11	92.52	9.55	82.97
BR-2	94.95	1.87	93.08

Notes:
1. Measuring point elevations are from 1/20/98 survey data, except for MW-11 and MW-12. MW-11 and MW-12 were surveyed on 8/30/2007. Elevations are relative to an arbitrary site datum of 100 feet.

2. Wells MW 1, MW-3, MW 4, MW 6, MW 7, MW 12, BR 1 and BR-4 were abandoned on December 4, 2014. Wells MW-2, MW-9, MW-10, MW-11 and BR-2 remain in place for continued monitoring.

3. Well BR-2 was repaired in 2021. Approximately 0.25 feet of steel casing was removed. Measuring Point Elevation is approximate.

TABLE 2

Well MW-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/5/1996	3/7/1996	3/19/1996	3/19/1996	3/22/1996	4/26/1996		2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998		2/26/1999	2/26/1999	2/26/1999
Halogenated Volatile Organics																		
Vinyl Chloride	<1000	U	<500	<500	<200	<2,000	<500	<1,000		21	20	<10	10	13		<10	<10	11
cis-1,2-Dichloroethene	<500	600	<500	<500	420	<1,000	260	280		160	200	100	150	150		120	120	130
1,1,1-Trichloroethane	<500	<500	550	750	590	<1,000	270	300		160	130	20	47	30		18	18	20
Trichloroethene	1,400	<500	<500	<500	<200	<1,000	160	<200		120	140	53	150	150		87	87	86
Tetrachloroethene	3,100	7,600	21,000	31,000	21,000	21,000	13,000	15,000		9,100	5,600	2,100	4,500	3,600		2,700	2,700	2,700
1, 1-Dichloroethane	<500	U	<500	U	U	U	<100	<200		6	4.0	<10	5.1J	<10		<10	<10	2.3
1, 1-Dichloroethene	<500	U	<500	U	U	U	<100	<200		12	7.0	<10	<10	<10		<10	<10	1.5
trans-1, 2-Dichloroethene	<500	U	<500	U	U	U	<100	<200		<1.0	2.0	<10	<10	<10		<10	<10	1.0
1,1,1,2-Tetrachloroethane	NA	U	NA	U	U	U	NA	NA		4.1	<1.0	<10	<10	<10		<10	<10	<1.0
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA		NA	<1.0	<1.0
TOTAL VOCs	**4500**	**8200**	**21550**	**31750**	**22010**	**21000**	**13690**	**15580**		**9583.1**	**6103**	**2273**	**4862.1**	**3943**		**2925**	**2925**	**2951.8**
		(Dup)		(Dup)														
	8/2/2001	8/2/2001	11/6/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection; November 2003	5/19/2004	11/16/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007
Halogenated Volatile Organics																		
Vinyl Chloride	31	25	<10	<10	<10	5.5	<10	5.6		60	19	37	110	620		40	37	67
cis-1,2-Dichloroethene	440	370	260	240	140	110	500	290		5200	53	87	370	1400		130	110	210
1,1,1-Trichloroethane	26	29	7.8J	7.1J	5.2J	20	13	29		20	<1.0	2.0	1.0	<1.0		1.0J	<5.0	<5.0
Trichloroethene	320	340	130	120	67	34	180	170		170	8.9	13	19	24		23	12	20
Tetrachloroethene	4,700	5,500	2,300	2,300	1,300	670	2,500	3,900		58	33	84	100	110		220	270	270
1, 1-Dichloroethane	<10	3.6	<10	<10	<10	1.2J	<10	<10		14	5.6	7.9	9.4	9		6	<5.0	5
1, 1-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		7.0	<1.0	<1.0	0.51J	<1.0		<5.0	<5.0	<5.0
trans-1, 2-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		34	8.6	8.2	14	24		9	6	7
1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	<10	<2.0	<10	<10		<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5	<5.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	24	20	14	2.0J		7	7	18
TOTAL VOCs	**5517**	**6274.6**	**2697.8**	**2667.1**	**1512.2**	**840.7**	**3193**	**4394.6**		**5563**	**152.1**	**259.1**	**637.9**	**2189**		**436**	**442**	**597**
												(DUP)		(DUP)				
	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016		9/5/2017	11/20/2018	11/20/2018	11/14/2019	11/14/2019		9/2/2021	8/10/2022	8/22/2023
Halogenated Volatile Organics																		
Vinyl Chloride	56	20	300	11	120	160	240	260		470	800 E	640	350	400		120	580	350
cis-1,2-Dichloroethene	250	60	900	35	300	1200	1200	1800		1900	3100 E	2600	2600	3000		1600	3100	2500
1,1,1-Trichloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<18	<50		<50	0.93 J	<62	<62	<62		<25	<50	<50
Trichloroethene	31	9	<25.0	<5.0	16	55	41	79		41	100	83	240	240		140	460	340
Tetrachloroethene	330	84	480	5.3	220	460	120	170		65	180	160	740	760		320	1000	870
1, 1-Dichloroethane	10	<5.0	<25.0	<5.0	2.9J	<50.0	<18	<50		<50	11	<62	<62	<62		<25	<50	<50
1, 1-Dichloroethene	<5.0	<5.0	<25.0	<5.0	<5.0	<10.0	<3.6	4.2 J		3.7 J	5.6	<12	<12	<12		<5.0	7.1 J	6 J
trans-1, 2-Dichloroethene	10	<5.0	<25.0	<5.0	5.9	<50.0	<18	14 J		24 J	24	25 J	<62	<62		10 J	23 J	21 J
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<3.6	<10		NA	NA	NA	NA	NA		<5.0	NA	NA
Chloroethane	16	13	<25.0	<10.0	<5.0	<50.0	<18	<50		<50	<2.5	<62	<62	<62		<25	<50	<50
TOTAL VOCs	**703**	**186**	**1680**	**51.3**	**664.8**	**1875**	**1601**	**2327.2**		**2503.7**	**4111.53**	**3508**	**3930**	**4400**		**2190**	**5170.1**	**4087**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NA = Sample not analyzed for indicated compound.
5. < = Compound was not detected at or above the given laboratory method detection limit.
6. All results are in micrograms per liter (ug/l, ppb).
7. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
8. D = Indicates a dilution of the sample was required for analysis.

TABLE 3

Well MW-9
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/13/1998	8/26/1998	(Dup) 8/26/1998	12/3/1998		2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics													
Vinyl Chloride	41	9.1	3.8	4.2	51		18	<1.0	13	6.1	4.8	5.1	6.4
trans-1,2-Dichloroethene	3.0	2.9	3.2	3.2	2.3		2.4	2.3	2.0	1.1	1.1	1.9	2.2
cis-1,2-Dichloroethene	700	420	340	360	410		480	220	160	89	130	140	260
1,1,1-Trichloroethane	1.0	<1.0	0.6J	<1.0	1.0J		0.7J	<1.0	0.71J	<1.0	<1.0	<1.0	<1.0
Trichloroethene	150	130	140	150	110		110	120	99	59	58	62	98
Tetrachloroethene	1,000	1,100	980	1100	870		870	830	890	460	400	350	630
Methylene Chloride	<1.0	<1.0	<1.0	1.0J	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	2.1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	0.8J	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs	**1895.8**	**1662**	**1467.6**	**1618.4**	**1446.4**		**1481.1**	**1172.3**	**1164.7**	**615.2**	**593.9**	**559.0**	**997**

	8/18/2004	2/21/2005	8/30/2005	8/31/2006	12/14/2006		3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011
Halogenated Volatile Organics						HRC Injection; September 2006							
Vinyl Chloride	1.7	3.3	1.0	2.0J	16		5.0	8	12	<5.0	<10	<20	2.0J
trans-1,2-Dichloroethene	1.2	0.65J	0.76	2.0J	2.0J		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
cis-1,2-Dichloroethene	99	70	74	200	180		140	110	120	110	69	76	170
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
Trichloroethene	62	36	51	48	47		30	28	42	24	22	24	17
Tetrachloroethene	430	220	210	280	210		230	210	300	180	150	190	140
Methylene Chloride	<1.0	1.2	<1.0	<5.0	2.0JB		<5.0	<5.0	<5.0	<5.0	<10	<10	2.8J,B
Chloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<20	<5.0
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
TOTAL VOCs	**594**	**331**	**337**	**532**	**457**		**405**	**356**	**474**	**314**	**241**	**290**	**331.8**

Halogenated Volatile Organics	4/3/2013	12/4/2014	4/5/2016	(Dup) 4/5/2016	9/5/2017	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023
Vinyl Chloride	1.2	3.2	0.77 J	0.92 J	27	26	28	17	17	12
trans-1,2-Dichloroethene	<2.5	<0.7	<2.5	<2.5	<5.0	1.1 J	0.90 J	2.6 J	2.3 J	2.2 J
cis-1,2-Dichloroethene	17	18	5.5	6.5	180	140	85	250	170	200
1,1,1-Trichloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0
Trichloroethene	11	8.7	2.5	3.2	14	10	9	22	33	34
Tetrachloroethene	95	31	7.1	11	53	31	33	46	140	160
Methylene Chloride	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0
Chloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0
1,1-Dichloroethene	<0.5	<0.7	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	0.17 J	<1.0
TOTAL VOCs	**124.2**	**60.9**	**15.87**	**21.62**	**274**	**208.1**	**155.9**	**337.6**	**362.5**	**408.2**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. < = Compound was not detected at or above the laboratory method detection limit shown.
4. All results are in micrograms per liter (ug/l, ppb).
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
6. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.

TABLE 4

Well MW-10
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	8/30/2007 (duplicate)	3/7/2008
Halogenated Volatile Organics																
Vinyl Chloride	2	1.5	0.9J	<1.0	0.8J	1.2	1.9	1.7	<1.0		31	24	29	53	56	<5.0
trans-1,2-Dichloroethene	2.4	1.8	1.6	3.5	2.3	2.8	2.7	2.3	<1.0		6	<5.0	<5.0	<5.0	<25	<5.0
cis-1,2-Dichloroethene	410	250	370	500	370	490	360	420	140		690	220	330	550	580	35
1,1,1-Trichloroethane	0.93 J	0.91J	0.7J	<1.0	<1.0	0.6J	<1.0	0.59J	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Trichloroethene	63	57	53	64	70	61	55	66	13		23	13	23	<5.0	<25	<5.0
Tetrachloroethene	620	420	450	470	460	600	350	380	97		70	66	67	80	75	11
1,1-Dichloroethene	0.63 J	<1.0	<1.0	<1.0	<1.0	0.6J	0.53J	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Chloroethane	<1.0	<1.0	0.5J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	7	29	<5.0	<25	<5.0
Aromatic Volatile Organics																
MTBE	NA	NA	1.1	<1.0	<1.0	<1.0	<1.0	NA	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
TOTAL VOCs	**1099.0**	**731.2**	**877.8**	**1037.5**	**903.1**	**1156.2**	**770.1**	**870.6**	**250**		**820**	**330**	**478**	**683**	**711**	**46**

	9/25/2008	(Dup) 9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	9/5/2017	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/10/2022 (duplicate)	8/22/2023	8/22/2023 (duplicate)
Halogenated Volatile Organics														
Vinyl Chloride	<50	<25	96	26	6.6	5	0.43 J	<1.0	<1.0	0.10 J	<1	<1	1.1	1.2
trans-1,2-Dichloroethene	<50	<25	<25	3.1J	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	890	800	930	240	320	160	31	2.8	2.3 J	18	5.1	5.3	43	45
1,1,1-Trichloroethane	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	<50	26	30	15	15	14	4.2	1.1	0.86	2.8	1.9	1.9	3.7	4
Tetrachloroethene	84	90	130	78	66	47	16	2.9	2.5	3.5	3.4	3.2	3.6	3.6
1,1-Dichloroethene	<50	<25	<25	<5.0	<2.5	<0.36	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	<50	<25	<50	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aromatic Volatile Organics														
MTBE	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**974.0**	**916.0**	**1186**	**362.1**	**407.6**	**226.0**	**51.6**	**6.8**	**5.66**	**24.4**	**10.4**	**12.2**	**51.4**	**53.8**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. NA = Compound not analyzed.
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

TABLE 5

Well MW-11
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	DUP 12/4/2014	4/5/2016	9/5/2017	11/20/2018	11/14/2019
Halogenated Volatile Organics																	
Vinyl Chloride	8.0		3.0J	8	<5.0	5	16	17	<10	6.9	1.2	2.7	2.6	0.8 J	5.6	1.0	0.26 J
trans-1,2-Dichloroethene	NA		1.0J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1J	0.78 J	1.3 J	1.2 J	1.2 J	2.0 J	1.4 J	0.76 J
cis-1,2-Dichloroethene	140		35	54	16	17	84	140	160	240	130 E	110	110	120	180	100	61
Trichloroethene	6		3.0J	<5.0	<5.0	<5.0	5	6	9.1	4.7J	2.8	2.8	2.7	2.9	5.1	3.4	3.3
Tetrachloroethene	37		7	14	6	<5.0	18	14	17	3.5J	10	10	10	11	7.8	12	5.8
Methylene Chloride	<14		2JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.5J,B	<2.5	<0.70	<0.7	<2.5	<5.0	<2.5	<2.5
TOTAL VOCs	**191**		**51**	**76**	**22**	**22**	**123**	**177**	**186.1**	**258.7**	**144.8**	**126.8**	**126.5**	**135.9**	**200.5**	**117.8**	**71.1**

	9/2/2021	8/10/2022	8/22/2023
Vinyl Chloride	0.49 J	0.68 J	0.78 J
trans-1,2-Dichloroethene	1.1 J	1.1 J	1.1 J
cis-1,2-Dichloroethene	79	72	66
Trichloroethene	3.4	5.7	5.2
Tetrachloroethene	11	11	6.1
Methylene Chloride	<2.5	<2.5	<2.5
TOTAL VOCs	**95.0**	**90.5**	**79.2**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. All results are in micrograms per liter (ug/l, ppb).
3. Compound was not detected at or above the laboratory method detection limit shown.
4. NA = Compound not analyzed.
5. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.
6. J = Indicates an estimated value less than the lowest standard.
7. < = Coumpound was not detected at or above the laboratory method detection limit.

TABLE 6

Well BR-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

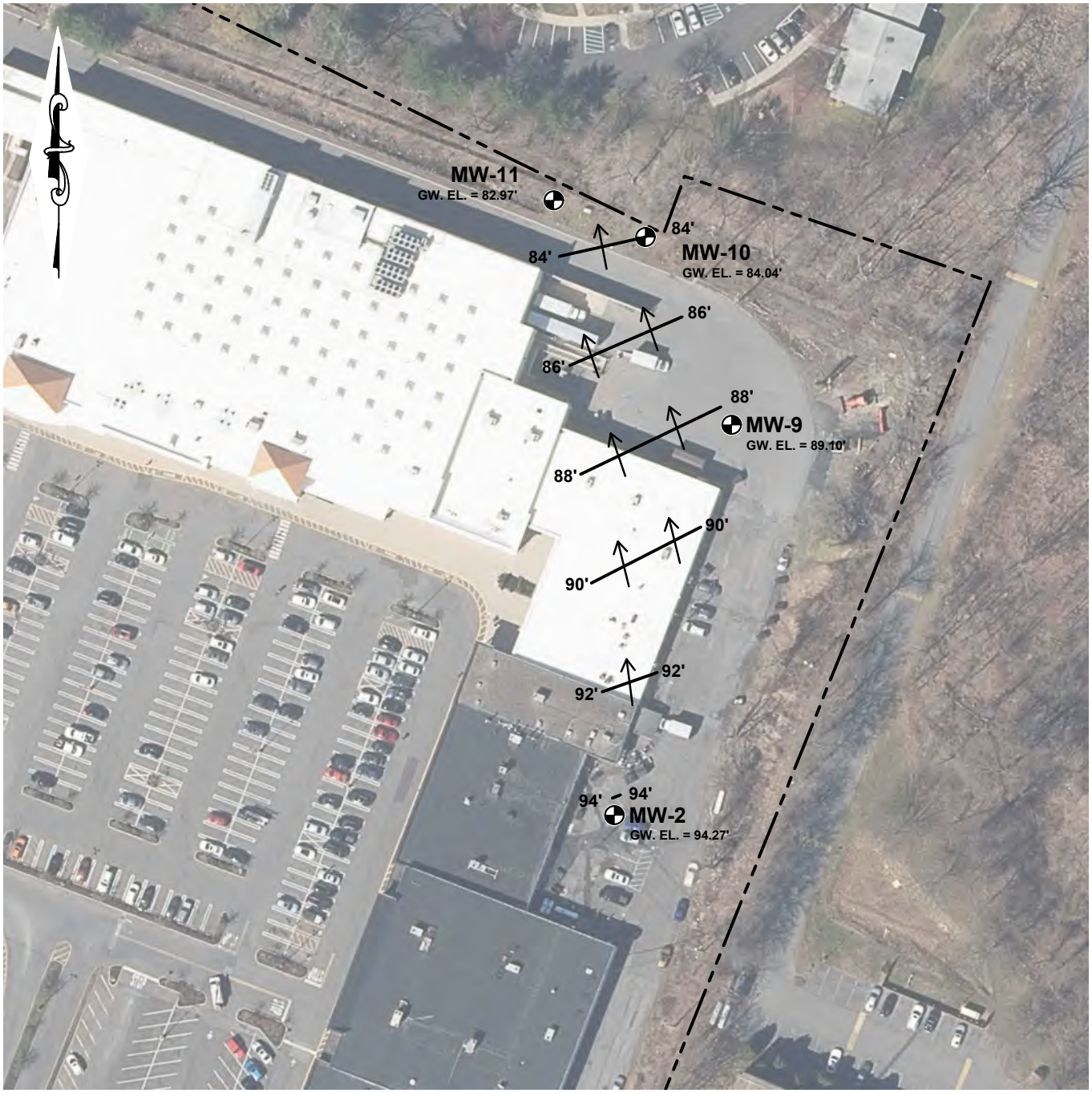
	1/20/1998	5/13/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics											
Vinyl Chloride	13	6.1	10	12	5.2	3.8	6.6	5	3.4	4.1	2.3
cis-1,2-Dichloroethene	65	64	100	100	63	55	71	57	48	63	43
Trichloroethene	19	21	27	26	20	20	24	18	17	20	21
Tetrachloroethene	130E	200	210	230	180	200	230	170	170	200	150
Chloroethane	<1.0	<1.0	0.9J	1.0	<1.0	<1.0	1.2	0.97J	0.5J	<1.0	<1.0
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.37J	<1.0
TOTAL VOCs	**97**	**291.1**	**347.9**	**369**	**268.2**	**278.8**	**332.8**	**251.0**	**238.9**	**287.5**	**216.3**

	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016	9/5/2017
Halogenated Volatile Organics											
Vinyl Chloride	4.1	4.1	4.0J	<5.0	<5.0	<10	1.2J	2.8	2.4	0.33 J	7.8
cis-1,2-Dichloroethene	48	66	56	62	65	<5.0	13	13	7.4	3	42
Trichloroethene	20	22	18	14	11	<5.0	3.5J	5.7	2.9	0.82	4.7
Tetrachloroethene	220	170	160	140	110	<5.0	28	48	14	1.9	7.7
Chloroethane	<1.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<2.5	<0.7	<2.5	<2.5
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<2.5	<0.7	1.2 J	<2.5
TOTAL VOCs	**292.1**	**262.1**	**238.0**	**216.0**	**186.0**	**ND**	**45.7**	**69.5**	**26.7**	**7.25**	**62.2**

	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023
Halogenated Volatile Organics					
Vinyl Chloride	5.2	4.5	4.3	16	6.3
cis-1,2-Dichloroethene	6.2	6.7	5.8	46	35
Trichloroethene	0.27 J	1.4	0.41 J	0.81	2
Tetrachloroethene	0.63	5.6	0.18 J	1.1	1.2
Chloroethane	<2.5	<2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethylene	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**12.3**	**18.2**	**10.7**	**63.9**	**44.5**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. E = Indicates an estimated value greater than the highest standard.
4. < = Compound was not detected at or above the laboratory method detection limit shown.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
7. Chloroform, Dibromochloromethane and Bromodichloromethane were detected in the sample collected on December 4, 2014 at 23 ppb, 0.58 ppb and 4.6 ppb, respectively. These compounds were not previously detected.

FIGURES



LEGEND:

MW-2 (GW. EL. = 94.27') — MONITORING WELL, GROUNDWATER ELEVATION AUGUST 22, 2023

92' — GROUNDWATER CONTOURS

→ INFERRED GROUNDWATER FLOW DIRECTION

APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2021

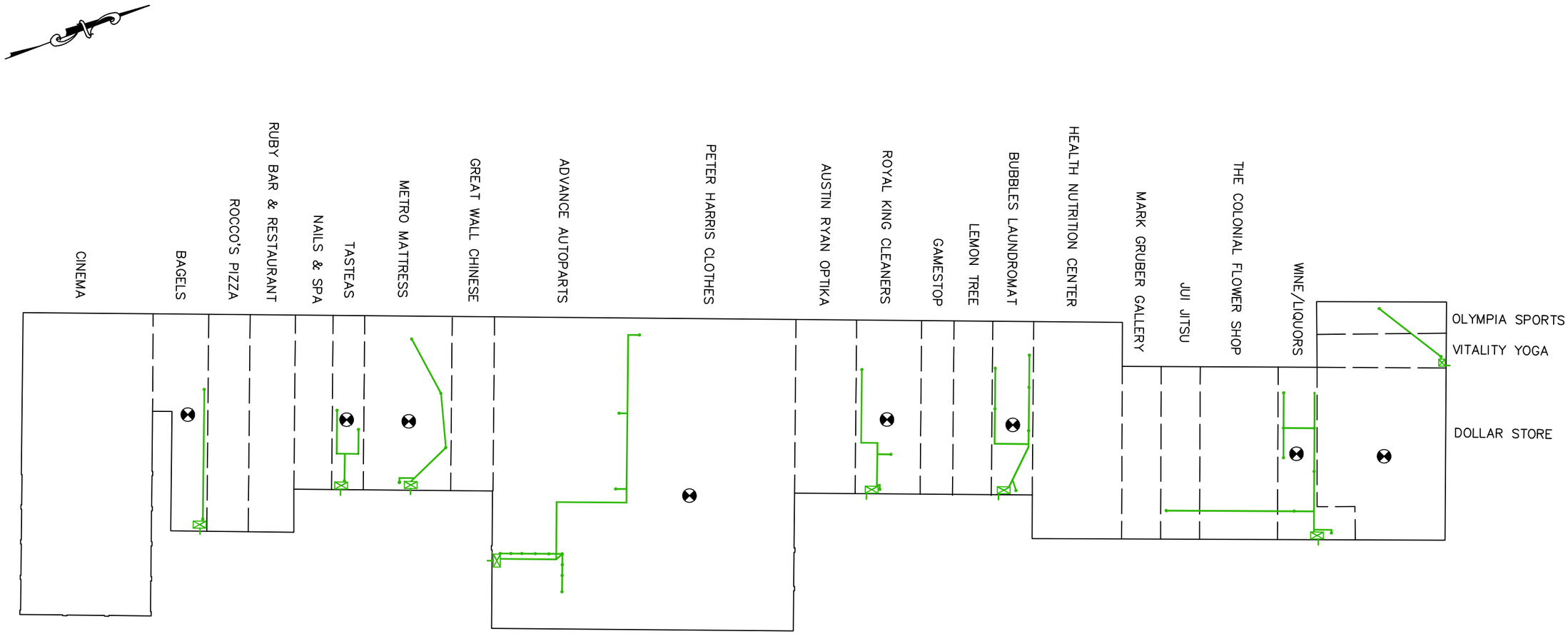
STERLING
Sterling Environmental Engineering, P.C.
24 Wade Road • Latham, New York 12110

OVERBURDEN GROUNDWATER CONTOUR MAP
AUGUST 22, 2023
NEW PALTZ PLAZA
NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014–45	DATE: 8/24/2023	SCALE: 1" = 100'	DWG. NO. 2014–45011	FIGURE 1

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45011_F-4 - Overburden GW 2023.dwg 8/24/2023 10:27 AM



0 25' 50'

1" = 50'

LEGEND:

STORE INSPECTION LOCATION

SSDS SYSTEM COMPONENT

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

SSDS INSPECTION LOCATIONS

NEW PALTZ PLAZA PROPERTIES, LP

NEW PALTZ PLAZA

TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.: 2014-45	DATE: 10/31/2023	SCALE: 1" = 50'	DWG. NO. 2014-45010	FIGURE 2

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45010_F-1 - Site Map 2023.dwg PAUL.SCHOLAR 10/31/2023 11:11 AM

ATTACHMENT 1
Field Monitoring Forms

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-10
DATE 8-22-2023
Page 1 of 1

GENERAL
Weather Conditions: 75°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good Condition

PURGING INFORMATION
Total well depth (from top of casing): 17.44 feet
Depth to water surface before purging (from top of casing): - 8.52 feet
Height of water column: (a) = 8.92 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — $d^2 \times 0.0408 \times$ NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = 1.43 gallons or NA liters
Volume of water equal to five wetted screen volumes: = 7.134 gallons or NA liters

Pump Type: Bladder Pump
WQ Meter Type:

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1130	0.2L/min	8.63	1.807	20.9	6.81	2.45	120.6	111.96
1135	0.2L/min	8.69	1.889	21.1	6.73	2.15	133.0	35.95
1140	0.2L/min	8.73	2.096	21.1	6.70	1.71	139.8	40.20
1145	0.2L/min	8.79	2.153	20.4	6.70	1.81	141.9	48.07
1150	0.2L/min	8.79	2.146	21.1	6.71	1.73	142.4	50.76

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 5L gallons/liters
Depth of pump intake: 14 feet btoc

OBSERVATIONS
Color: Clear
Odor: None
Turbidity: Low
Sheen: None
Presence of NAPL: None
Other: NA
Remarks: NA

SAMPLING INFORMATION
Field Personnel: PWS + AMC
Sampling Method: Bladder Pump/Low Flow
Sample Date: 8-22-2023 Time: 1150
Sample Description: DUP082220223 @ MW-10
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	YSI ProDSS
pH	7.01, 10.00 4.02	
Conductance	7.005	
Turbidity	NA	
Redox	NA	
Dissolved Oxygen	NA	

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID BR-2
DATE 8-22-2023
Page 1 of 1

GENERAL
Weather Conditions: 75°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good / Bolt needs replaced

PURGING INFORMATION
Total well depth (from top of casing): 11.31 feet
Depth to water surface before purging (from top of casing): - 1.87 feet
Height of water column: (a) = 9.44 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 4 inches — $d^2 \times 0.0408$ x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: Bladder
WQ Meter Type:

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1220	0.2L/min	2.10	2.141	20.2	8.82	0.96	25.6	61.84
1225		2.78	2.147	20.3	8.77	0.77	-63.6	60.35
1230		3.13	2.157	20.3	8.70	0.65	-141.5	51.11
1235		3.60	2.324	20.1	8.18	0.55	-189.3	80.80
1240		3.81	2.385	19.9	7.46	0.50	-163.0	38.08
1245		3.93	2.433	19.7	7.29	0.41	-143.9	37.49
1250		3.99	2.453	19.6	7.25	0.38	-140.5	35.17
1255		4.04	2.465	19.6	7.22	0.35	-139.8	33.84

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 8L gallons/liters
Depth of pump intake: 9.5 feet btoc

OBSERVATIONS
Color: Clear — Odor: Iron Odor
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: NA

SAMPLING INFORMATION
Field Personnel: PWS + AMC
Sampling Method: Bladder Pump / Low Flow
Sample Date: 8-22-2023 — Time: 1255
Sample Description: PH slightly higher than 2022, initially.
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	YSI Pro DSS
pH	7.01, 10.00, 4.02	
Conductance	7.005	
Turbidity	NA	
Redox	NA	
Dissolved Oxygen	NA	

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-11
DATE 8-22-2023
Page 1 of 1

GENERAL
Weather Conditions: 75°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 17.92 feet
Depth to water surface before purging (from top of casing): - 9.55 feet
Height of water column: (a) = 8.37 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — d^2 x 0.0408 x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: Bladder Pump
WQ Meter Type:

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1310	0.2 L/min	9.77	1.997	20.6	6.96	1.33	93.7	73.86
1315	↓	9.80	1.981	20.4	6.81	0.67	103.6	25.53
1320		9.80	1.985	20.6	6.83	0.48	100.8	11.53
1325		9.80	1.997	20.6	6.82	0.45	100.4	6.52
1330	↓	9.80	1.999	20.6	6.81	0.44	100.3	7.58

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 5L gallons/liters
Depth of pump intake: 13.0 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: NA

SAMPLING INFORMATION
Field Personnel: PWJ + AML
Sampling Method: Bladder Pump / Low Flow
Sample Date: 8-22-2023 — Time: 1330
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	YSI Pro DSS
pH	7.01, 10.00, 4.01	
Conductance	7.005	
Turbidity	NA	
Redox	NA	
Dissolved Oxygen	NA	

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-9
DATE 8-22-2023
Page 1 of 1

GENERAL
Weather Conditions: 75° F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 9.57 feet
Depth to water surface before purging (from top of casing): - 2.94 feet
Height of water column: (a) = 6.63 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — d^2 x 0.0408 x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: Bladder Pump — WQ Meter Type:

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1405	0.2L/min	3.17	2.708	24.2	6.62	0.61	84.5	71000
1410		3.73	2.640	24.1	6.59	0.57	77.6	189.99
1415		3.83	2.701	23.9	6.60	0.60	62.0	120.07
1420		3.86	2.722	23.7	6.60	0.72	66.2	79.71
1425		3.88	2.727	23.6	6.59	1.06	63.8	66.42
1430		3.89	2.741	23.6	6.58	2.08	60.8	46.64
1435		3.89	2.745	23.6	6.57	1.95	60.3	42.61
1440	↓	3.89	2.749	23.6	6.57	1.91	59.9	36.32

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 8L gallons/liters
Depth of pump intake: 8.0 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: Water is black during initial purging.

SAMPLING INFORMATION
Field Personnel: PWS + AMC
Sampling Method: Bladder Pump / Low Flow
Sample Date: 8-22-2023 — Time: 1440
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	YSI Pro DSS
pH	7.01, 10.00, 4.02	
Conductance	7.005	
Turbidity	NA	
Redox	NA	
Dissolved Oxygen	NA	

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-2
DATE 8-22-2023
Page 1 of 1

GENERAL
Weather Conditions: 75° F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 12.07 feet
Depth to water surface before purging (from top of casing): - 3.04 feet
Height of water column: (a) = 9.03 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 4 inches — d^2 x 0.0408 x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft
6" Diam. = 1.47 gal/ft

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: Bladder Pump
WQ Meter Type:

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1455	0.2L/min	3.32	5.189	21.6	6.63	3.39	75.5	120.88
1500		3.49	5.224	21.2	6.62	2.60	1.2	60.89
1505		3.68	5.198	21.3	6.61	2.35	-15.4	35.24
1510		3.78	5.187	21.4	6.59	2.17	-20.6	24.15
1515		3.89	5.150	21.7	6.57	2.18	-25.0	12.66
1520		3.90	5.124	21.9	6.57	2.03	-26.5	4.85
1525		3.90	5.114	21.9	6.57	1.96	-27.3	8.07

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 7L gallons/liters
Depth of pump intake: 10.0 feet btoc

OBSERVATIONS
Color: Clear — Odor: No Odor
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: NA

SAMPLING INFORMATION
Field Personnel: PWS + Amc
Sampling Method: Bladder Pump / Low Flow
Sample Date: 8-22-2023 — Time: 1525
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	YSI Pro PSS
pH	7.01, 10.00, 4.02	
Conductance		
Turbidity	NA	
Redox	NA	
Dissolved Oxygen	NA	

ATTACHMENT 2
Laboratory Analytical Report

www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L2348770

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Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2348770
Report Date: 08/25/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2348770-01	MW-10	WATER	NEW PALTZ, NY	08/22/23 11:50	08/22/23
L2348770-02	BR-2	WATER	NEW PALTZ, NY	08/22/23 12:55	08/22/23
L2348770-03	MW-11	WATER	NEW PALTZ, NY	08/22/23 13:30	08/22/23
L2348770-04	MW-9	WATER	NEW PALTZ, NY	08/22/23 14:40	08/22/23
L2348770-05	MW-2	WATER	NEW PALTZ, NY	08/22/23 15:25	08/22/23
L2348770-06	TB08222023	WATER	NEW PALTZ, NY	08/22/23 00:00	08/22/23
L2348770-07	DUP08222023	WATER	NEW PALTZ, NY	08/22/23 00:00	08/22/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Report Date: 08/25/23

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Alpha Job Number : L2348770

Account Name : Sterling Environmental Engineering
Project Number : 2014-45
Project Name : NEW PALTZ PLAZA

Received : 22-AUG-2023
Reviewer : Samantha Hanam

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.2	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Aug 25 2023, 06:20 pm

Login Number: L2348770
Account: STERLINGENV Sterling Environmental EngineeringProject: 2014-45
Received: 22AUG23 Due Date: 29AUG23

Sample #	Client ID	Mat	PR	Collected
L2348770-01	MW-10		1 S0	22AUG23 11:50
8260 - List built ASP-B Package Due Date: 08/29/23				
ASP-B,E&I-FEE,NYTCL-8260-R2				
L2348770-02	BR-2		1 S0	22AUG23 12:55
8260 - List built Package Due Date: 08/29/23				
NYTCL-8260-R2				
L2348770-03	MW-11		1 S0	22AUG23 13:30
8260 - List built Package Due Date: 08/29/23				
NYTCL-8260-R2				
L2348770-04	MW-9		1 S0	22AUG23 14:40
8260 - List built Package Due Date: 08/29/23				
NYTCL-8260-R2				
L2348770-05	MW-2		1 S0	22AUG23 15:25
8260 - List built Package Due Date: 08/29/23				
NYTCL-8260-R2				
L2348770-06	TB08222023		1 S0	22AUG23 00:00
8260 - List built Package Due Date: 08/29/23				
NYTCL-8260-R2				
L2348770-07	DUP08222023		1 S0	22AUG23 00:00
8260 - List built Package Due Date: 08/29/23				

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Aug 25 2023, 06:20 pm

Login Number: L2348770

Account: STERLINGENV Sterling Environmental EngineeringProject: 2014-45

Received: 22AUG23 Due Date: 29AUG23

Sample #	Client ID	Mat	PR	Collected

NYTCL-8260-R2

Logged By: Ashaley Moynihan

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8-23-2023

ALPHA Job #: L2348770

Client Information

Client: Sterling Env
Address: 24 Wade Rd
Latham NY 12110
Phone: 518 456-4900
Fax:
Email:

Project Information

Project Name: New Paltz Plaza
Project Location: New Paltz, NY
Project # 2014-45
(Use Project name as Project #) ☐
Project Manager: Tom Johnson / M. Deyo
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
johnson t @ sterlingenvironmental.com
paul.scholar @ sterlingenvironmental.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	USEPA 8260C VOCs	Sample Specific Comments	Total Bottle
48770 - 01	MW-10	8-22-2023	1150	GW	PWS	X		3
-02	BR-2		1255			X		3
-03	MW-11		1330			X		3
-04	MW-9		1440			X		3
-05	MW-2		1525			X		3
-06	TB08222023		-	LW		X		2
-07	DUP08222023		-	GW		X		3

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V											
Preservative	B											

Relinquished By:	Date/Time	Received By:	Date/Time
	8-22-23		8/22/23 1655
	8/22/23 1655		8/23/23 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Sterling Environmental Engineering
Project Name: NEW PALTZ PLAZA

Lab Number: L2348770
Project Number: 2014-45
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
MW-10 (L2348770-01)	119	95	91	112	0
BR-2 (L2348770-02)	120	96	92	111	0
MW-11 (L2348770-03)	123	96	93	117	0
MW-9 (L2348770-04D)	119	95	91	114	0
MW-2 (L2348770-05D)	122	95	90	115	0
TB08222023 (L2348770-06)	126	94	89	116	0
DUP08222023 (L2348770-07)	125	97	91	114	0
WG1820053-3LCS	108	98	91	108	0
WG1820053-4LCSD	118	98	90	110	0
WG1820053-5BLANK	117	97	91	111	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG1820053-3 **Analysis Date** : 08/24/23 18:38	**File ID**	: VG230824N02
LCSD Sample ID	: WG1820053-4 **Analysis Date** : 08/24/23 19:02	**File ID**	: VG230824N03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	10	9.9	99	10	9.6	96	3	70-130	20
1,1-Dichloroethane	10	12	120	10	12	120	0	70-130	20
Chloroform	10	11	110	10	10	100	10	70-130	20
Carbon tetrachloride	10	11	110	10	10	100	10	63-132	20
1,2-Dichloropropane	10	12	120	10	12	120	0	70-130	20
Dibromochloromethane	10	9.8	98	10	9.5	95	3	63-130	20
1,1,2-Trichloroethane	10	9.6	96	10	9.4	94	2	70-130	20
Tetrachloroethene	10	9.9	99	10	9.3	93	6	70-130	20
Chlorobenzene	10	10	100	10	10	100	0	75-130	20
Trichlorofluoromethane	10	11	110	10	9.7	97	13	62-150	20
1,2-Dichloroethane	10	12	120	10	12	120	0	70-130	20
1,1,1-Trichloroethane	10	11	110	10	10	100	10	67-130	20
Bromodichloromethane	10	10	100	10	10	100	0	67-130	20
trans-1,3-Dichloropropene	10	9.2	92	10	9.2	92	0	70-130	20
cis-1,3-Dichloropropene	10	10	100	10	9.8	98	2	70-130	20
Bromoform	10	9.0	90	10	8.8	88	2	54-136	20
1,1,2,2-Tetrachloroethane	10	11	110	10	11	110	0	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	10	100	10	9.5	95	5	70-130	20
Ethylbenzene	10	10	100	10	9.5	95	5	70-130	20
Chloromethane	10	11	110	10	10	100	10	64-130	20
Bromomethane	10	5.8	58	10	6.0	60	3	39-139	20
Vinyl chloride	10	11	110	10	11	110	0	55-140	20
Chloroethane	10	15	150 Q	10	14	140 Q	7	55-138	20
1,1-Dichloroethene	10	10	100	10	10	100	0	61-145	20
trans-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20

Laboratory Control Sample Summary
Form 3
Volatiles

Client : Sterling Environmental Engineering **Lab Number** : L2348770
Project Name : NEW PALTZ PLAZA **Project Number** : 2014-45
Matrix (Level) : WATER (LOW)
LCS Sample ID : WG1820053-3 **Analysis Date** : 08/24/23 18:38 **File ID** : VG230824N02
LCSD Sample ID : WG1820053-4 **Analysis Date** : 08/24/23 19:02 **File ID** : VG230824N03

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	10	9.1	91	10	8.9	89	2	70-130	20
1,2-Dichlorobenzene	10	9.3	93	10	9.0	90	3	70-130	20
1,3-Dichlorobenzene	10	9.5	95	10	9.2	92	3	70-130	20
1,4-Dichlorobenzene	10	9.5	95	10	9.2	92	3	70-130	20
Methyl tert butyl ether	10	9.9	99	10	9.8	98	1	63-130	20
p/m-Xylene	20	20	100	20	19	95	5	70-130	20
o-Xylene	20	20	100	20	20	100	0	70-130	20
cis-1,2-Dichloroethene	10	11	110	10	10	100	10	70-130	20
Styrene	20	20	100	20	20	100	0	70-130	20
Dichlorodifluoromethane	10	10	100	10	9.7	97	3	36-147	20
Acetone	10	7.7	77	10	8.3	83	8	58-148	20
Carbon disulfide	10	10	100	10	9.7	97	3	51-130	20
2-Butanone	10	8.2	82	10	8.6	86	5	63-138	20
4-Methyl-2-pentanone	10	10	100	10	9.7	97	3	59-130	20
2-Hexanone	10	8.1	81	10	8.1	81	0	57-130	20
Bromochloromethane	10	12	120	10	12	120	0	70-130	20
1,2-Dibromoethane	10	9.5	95	10	9.6	96	1	70-130	20
1,2-Dibromo-3-chloropropane	10	8.3	83	10	7.9	79	5	41-144	20
Isopropylbenzene	10	9.6	96	10	9.0	90	6	70-130	20
1,2,3-Trichlorobenzene	10	8.4	84	10	8.0	80	5	70-130	20
1,2,4-Trichlorobenzene	10	8.7	87	10	8.4	84	4	70-130	20
Methyl Acetate	10	9.8	98	10	9.9	99	1	70-130	20
Cyclohexane	10	11	110	10	10	100	10	70-130	20
1,4-Dioxane	500	440	88	500	420	84	5	56-162	20
Freon-113	10	10	100	10	10	100	0	70-130	20
Methyl cyclohexane	10	8.2	82	10	8.2	82	0	70-130	20

Method Blank Summary
Form 4
Volatiles

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab Sample ID	: WG1820053-5	**Lab File ID**	: VG230824N05
Instrument ID	: GONZO		
Matrix	: WATER	**Analysis Date**	: 08/24/23 19:49

Client Sample No.	Lab Sample ID	Analysis Date
WG1820053-3LCS	WG1820053-3	08/24/23 18:38
WG1820053-4LCSD	WG1820053-4	08/24/23 19:02
MW-10	L2348770-01	08/24/23 21:48
BR-2	L2348770-02	08/24/23 22:11
MW-11	L2348770-03	08/24/23 22:35
MW-9	L2348770-04D	08/24/23 22:59
MW-2	L2348770-05D	08/24/23 23:22
DUP08222023	L2348770-07	08/24/23 23:46
TB08222023	L2348770-06	08/25/23 00:10

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Instrument ID	: GONZO	**Analysis Date**	: 07/26/23 17:43
Tune Standard	: WG1808529-1	**Tune File ID**	: VG230726NBF2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.4
75	30.0 - 80.0% of mass 95	46.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.9 (1.2)1
174	Greater than 50.0% of mass 95	76.8
175	5.0 - 9.0% of mass 174	6.1 (8)1
176	Greater than 95.0% but less than 101% of mass	75 (97.8)1
177	5.0 - 9.0% of mass 176	5.2 (6.9)2

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

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.19PPB	R1722829-1	VG230726N03	07/26/23 18:49
STD0.5PPB	R1722829-2	VG230726N05	07/26/23 19:37
STD2PPB	R1722829-4	VG230726N07	07/26/23 20:24
STD10PPB	R1722829-3	VG230726N09	07/26/23 21:12
STD30PPB	R1722829-5	VG230726N10	07/26/23 21:36
STD80PPB	R1722829-6	VG230726N11	07/26/23 22:00
STD120PPB	R1722829-8	VG230726N12	07/26/23 22:23
STD200PPB	R1722829-7	VG230726N13	07/26/23 22:47
ICV Quant Report	R1722829-9	VG230726N18	07/27/23 00:46

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Instrument ID	: GONZO	**Analysis Date**	: 08/24/23 17:55
Tune Standard	: WG1820053-1	**Tune File ID**	: VG230824NBF2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	23.2
75	30.0 - 80.0% of mass 95	49.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (.7)1
174	Greater than 50.0% of mass 95	87.7
175	5.0 - 9.0% of mass 174	6.2 (7.1)1
176	Greater than 95.0% but less than 101% of mass	86.3 (98.4)1
177	5.0 - 9.0% of mass 176	5.7 (6.6)2

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

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1820053-2CCAL	WG1820053-2	VG230824N02	08/24/23 18:38
WG1820053-3LCS	WG1820053-3	VG230824N02	08/24/23 18:38
WG1820053-4LCSD	WG1820053-4	VG230824N03	08/24/23 19:02
WG1820053-5BLANK	WG1820053-5	VG230824N05	08/24/23 19:49
MW-10	L2348770-01	VG230824N10	08/24/23 21:48
BR-2	L2348770-02	VG230824N11	08/24/23 22:11
MW-11	L2348770-03	VG230824N12	08/24/23 22:35
MW-9	L2348770-04D	VG230824N13	08/24/23 22:59
MW-2	L2348770-05D	VG230824N14	08/24/23 23:22
DUP08222023	L2348770-07	VG230824N15	08/24/23 23:46
TB08222023	L2348770-06	VG230824N16	08/25/23 00:10

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Instrument ID	: GONZO	**Analysis Date**	: 08/24/23 18:38:00
Sample No	: WG1820053-2	**Lab File ID**	: VG230824N02

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG1820053-2	611548	6.14	553536	9.69	332996	12.36
Upper Limit	1223096	6.64	1107072	10.19	665992	12.86
Lower Limit	305774	5.64	276768	9.19	166498	11.86
Sample ID						
WG1820053-3 LCS	611548	6.14	553536	9.69	332996	12.36
WG1820053-4 LCSD	604804	6.14	551846	9.69	336726	12.36
WG1820053-5 BLANK	568695	6.14	528104	9.69	320065	12.36
MW-10	561744	6.14	518819	9.69	313419	12.36
BR-2	529453	6.14	485792	9.69	296969	12.36
MW-11	513148	6.14	474756	9.69	284046	12.36
MW-9	526300	6.14	474871	9.69	282324	12.36
MW-2	519940	6.14	470699	9.69	283318	12.36
DUP08222023	494284	6.14	449204	9.69	273380	12.36
TB08222023	471145	6.14	439503	9.69	267431	12.36

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 03/15/23
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Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.21	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.24	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.2	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

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Created By: Jason Hebert
File: PM14095-1
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VOCs - EPA 8260D/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	5	2.29	ug/kg	70-130	30	70-130	30	30			
1,1-Dichloroethane	75-34-3	1	0.145	ug/kg	70-130	30	70-130	30	30			
Chloroform	67-66-3	1.5	0.14	ug/kg	70-130	30	70-130	30	30			
Carbon tetrachloride	56-23-5	1	0.23	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloropropane	78-87-5	1	0.125	ug/kg	70-130	30	70-130	30	30			
Dibromochloromethane	124-48-1	1	0.14	ug/kg	70-130	30	70-130	30	30			
1,1,2-Trichloroethane	79-00-5	1	0.267	ug/kg	70-130	30	70-130	30	30			
Tetrachloroethene	127-18-4	0.5	0.196	ug/kg	70-130	30	70-130	30	30			
Chlorobenzene	108-90-7	0.5	0.127	ug/kg	70-130	30	70-130	30	30			
Trichlorofluoromethane	75-69-4	4	0.695	ug/kg	70-139	30	70-139	30	30			
1,2-Dichloroethane	107-06-2	1	0.257	ug/kg	70-130	30	70-130	30	30			
1,1,1-Trichloroethane	71-55-6	0.5	0.167	ug/kg	70-130	30	70-130	30	30			
Bromodichloromethane	75-27-4	0.5	0.109	ug/kg	70-130	30	70-130	30	30			
trans-1,3-Dichloropropene	10061-02-6	1	0.273	ug/kg	70-130	30	70-130	30	30			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.158	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropene, Total	542-75-6	0.5	0.158	ug/kg				30	30			
1,1-Dichloropropene	563-58-6	0.5	0.159	ug/kg	70-130	30	70-130	30	30			
Bromoform	75-25-2	4	0.246	ug/kg	70-130	30	70-130	30	30			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Benzene	71-43-2	0.5	0.166	ug/kg	70-130	30	70-130	30	30			
Toluene	108-88-3	1	0.543	ug/kg	70-130	30	70-130	30	30			
Ethylbenzene	100-41-4	1	0.141	ug/kg	70-130	30	70-130	30	30			
Chloromethane	74-87-3	4	0.932	ug/kg	52-130	30	52-130	30	30			
Bromomethane	74-83-9	2	0.581	ug/kg	57-147	30	57-147	30	30			
Vinyl chloride	75-01-4	1	0.335	ug/kg	67-130	30	67-130	30	30			
Chloroethane	75-00-3	2	0.452	ug/kg	50-151	30	50-151	30	30			
1,1-Dichloroethene	75-35-4	1	0.238	ug/kg	65-135	30	65-135	30	30			
trans-1,2-Dichloroethene	156-60-5	1.5	0.137	ug/kg	70-130	30	70-130	30	30			
Trichloroethene	79-01-6	0.5	0.137	ug/kg	70-130	30	70-130	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.144	ug/kg	70-130	30	70-130	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.148	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.171	ug/kg	70-130	30	70-130	30	30			
Methyl tert butyl ether	1634-04-4	2	0.201	ug/kg	66-130	30	66-130	30	30			
p/m-Xylene	179601-23-1	2	0.56	ug/kg	70-130	30	70-130	30	30			
o-Xylene	95-47-6	1	0.291	ug/kg	70-130	30	70-130	30	30			
Xylene (Total)	1330-20-7	1	0.291	ug/kg				30	30			
cis-1,2-Dichloroethene	156-59-2	1	0.175	ug/kg	70-130	30	70-130	30	30			
1,2-Dichloroethene (total)	540-59-0	1	0.137	ug/kg				30	30			
Dibromomethane	74-95-3	2	0.238	ug/kg	70-130	30	70-130	30	30			
1,4-Dichlorobutane	110-56-5	10	0.226	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichloropropane	96-18-4	2	0.127	ug/kg	68-130	30	68-130	30	30			
Styrene	100-42-5	1	0.196	ug/kg	70-130	30	70-130	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

VOCs - EPA 8260D/5035 High & Low (SOIL)

Holding Time: 14 days
Container/Sample Preservation: 1 - 1 Vial MeOH/2 Vial Water

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	10	0.915	ug/kg	30-146	30	30-146	30	30			
Acetone	67-64-1	25	10	ug/kg	54-140	30	54-140	30	30			
Carbon disulfide	75-15-0	10	4.55	ug/kg	59-130	30	59-130	30	30			
2-Butanone	78-93-3	10	2.22	ug/kg	70-130	30	70-130	30	30			
Vinyl acetate	108-05-4	10	2.15	ug/kg	70-130	30	70-130	30	30			
4-Methyl-2-pentanone	108-10-1	10	1.28	ug/kg	70-130	30	70-130	30	30			
2-Hexanone	591-78-6	10	1.18	ug/kg	70-130	30	70-130	30	30			
Ethyl methacrylate	97-63-2	10	1.58	ug/kg	70-130	30	70-130	30	30			
Acrylonitrile	107-13-1	4	1.15	ug/kg	70-130	30	70-130	30	30			
Bromochloromethane	74-97-5	2	0.205	ug/kg	70-130	30	70-130	30	30			
Tetrahydrofuran	109-99-9	4	1.59	ug/kg	66-130	30	66-130	30	30			
2,2-Dichloropropane	594-20-7	2	0.202	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromoethane	106-93-4	1	0.279	ug/kg	70-130	30	70-130	30	30			
1,3-Dichloropropane	142-28-9	2	0.167	ug/kg	69-130	30	69-130	30	30			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.132	ug/kg	70-130	30	70-130	30	30			
Bromobenzene	108-86-1	2	0.145	ug/kg	70-130	30	70-130	30	30			
n-Butylbenzene	104-51-8	1	0.167	ug/kg	70-130	30	70-130	30	30			
sec-Butylbenzene	135-98-8	1	0.146	ug/kg	70-130	30	70-130	30	30			
tert-Butylbenzene	98-06-6	2	0.118	ug/kg	70-130	30	70-130	30	30			
o-Chlorotoluene	95-49-8	2	0.191	ug/kg	70-130	30	70-130	30	30			
p-Chlorotoluene	106-43-4	2	0.108	ug/kg	70-130	30	70-130	30	30			
1,2-Dibromo-3-chloropropane	96-12-8	3	0.998	ug/kg	68-130	30	68-130	30	30			
Hexachlorobutadiene	87-68-3	4	0.169	ug/kg	67-130	30	67-130	30	30			
Isopropylbenzene	98-82-8	1	0.109	ug/kg	70-130	30	70-130	30	30			
p-Isopropyltoluene	99-87-6	1	0.109	ug/kg	70-130	30	70-130	30	30			
Naphthalene	91-20-3	4	0.65	ug/kg	70-130	30	70-130	30	30			
n-Propylbenzene	103-65-1	1	0.171	ug/kg	70-130	30	70-130	30	30			
1,2,3-Trichlorobenzene	87-61-6	2	0.322	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trichlorobenzene	120-82-1	2	0.272	ug/kg	70-130	30	70-130	30	30			
1,3,5-Trimethylbenzene	108-67-8	2	0.193	ug/kg	70-130	30	70-130	30	30			
1,2,4-Trimethylbenzene	95-63-6	2	0.334	ug/kg	70-130	30	70-130	30	30			
trans-1,4-Dichloro-2-butene	110-57-6	5	1.42	ug/kg	70-130	30	70-130	30	30			
Ethyl ether	60-29-7	2	0.341	ug/kg	67-130	30	67-130	30	30			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-01	**Date Collected**	: 08/22/23 11:50
Client ID	: MW-10	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 21:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N10	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	3.6	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	1.1	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-01	**Date Collected**	: 08/22/23 11:50
Client ID	: MW-10	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 21:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N10	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	3.7	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	43	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-01	**Date Collected**	: 08/22/23 11:50
Client ID	: MW-10	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 21:48
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N10	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-02	**Date Collected**	: 08/22/23 12:55
Client ID	: BR-2	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N11	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	1.2	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	6.3	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-02	**Date Collected**	: 08/22/23 12:55
Client ID	: BR-2	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N11	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	2.0	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	35	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-02	**Date Collected**	: 08/22/23 12:55
Client ID	: BR-2	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:11
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N11	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-03	**Date Collected**	: 08/22/23 13:30
Client ID	: MW-11	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N12	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	6.1	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	0.78	1.0	0.07	J
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-03	**Date Collected**	: 08/22/23 13:30
Client ID	: MW-11	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N12	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	1.1	2.5	0.70	J
79-01-6	Trichloroethene	5.2	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	66	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-03	**Date Collected**	: 08/22/23 13:30
Client ID	: MW-11	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:35
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N12	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-04D	**Date Collected**	: 08/22/23 14:40
Client ID	: MW-9	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:59
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N13	**Instrument ID**	: GONZO
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	5.0	1.4	U
75-34-3	1,1-Dichloroethane	ND	5.0	1.4	U
67-66-3	Chloroform	ND	5.0	1.4	U
56-23-5	Carbon tetrachloride	ND	1.0	0.27	U
78-87-5	1,2-Dichloropropane	ND	2.0	0.27	U
124-48-1	Dibromochloromethane	ND	1.0	0.30	U
79-00-5	1,1,2-Trichloroethane	ND	3.0	1.0	U
127-18-4	Tetrachloroethene	160	1.0	0.36	
108-90-7	Chlorobenzene	ND	5.0	1.4	U
75-69-4	Trichlorofluoromethane	ND	5.0	1.4	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.4	U
75-27-4	Bromodichloromethane	ND	1.0	0.38	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	U
75-25-2	Bromoform	ND	4.0	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.33	U
71-43-2	Benzene	ND	1.0	0.32	U
108-88-3	Toluene	ND	5.0	1.4	U
100-41-4	Ethylbenzene	ND	5.0	1.4	U
74-87-3	Chloromethane	ND	5.0	1.4	U
74-83-9	Bromomethane	ND	5.0	1.4	U
75-01-4	Vinyl chloride	12	2.0	0.14	
75-00-3	Chloroethane	ND	5.0	1.4	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.34	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-04D	**Date Collected**	: 08/22/23 14:40
Client ID	: MW-9	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:59
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N13	**Instrument ID**	: GONZO
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	2.2	5.0	1.4	J
79-01-6	Trichloroethene	34	1.0	0.35	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.4	U
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.4	U
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.4	U
1634-04-4	Methyl tert butyl ether	ND	5.0	1.4	U
179601-23-1	p/m-Xylene	ND	5.0	1.4	U
95-47-6	o-Xylene	ND	5.0	1.4	U
156-59-2	cis-1,2-Dichloroethene	200	5.0	1.4	
100-42-5	Styrene	ND	5.0	1.4	U
75-71-8	Dichlorodifluoromethane	ND	10	2.0	U
67-64-1	Acetone	ND	10	2.9	U
75-15-0	Carbon disulfide	ND	10	2.0	U
78-93-3	2-Butanone	ND	10	3.9	U
108-10-1	4-Methyl-2-pentanone	ND	10	2.0	U
591-78-6	2-Hexanone	ND	10	2.0	U
74-97-5	Bromochloromethane	ND	5.0	1.4	U
106-93-4	1,2-Dibromoethane	ND	4.0	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	U
98-82-8	Isopropylbenzene	ND	5.0	1.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.4	U
79-20-9	Methyl Acetate	ND	4.0	0.47	U
110-82-7	Cyclohexane	ND	20	0.54	U
123-91-1	1,4-Dioxane	ND	500	120	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-04D	**Date Collected**	: 08/22/23 14:40
Client ID	: MW-9	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 22:59
Sample Matrix	: WATER	**Dilution Factor**	: 2
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N13	**Instrument ID**	: GONZO
Sample Amount	: 5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	5.0	1.4	U
108-87-2	Methyl cyclohexane	ND	20	0.79	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-05D	**Date Collected**	: 08/22/23 15:25
Client ID	: MW-2	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 23:22
Sample Matrix	: WATER	**Dilution Factor**	: 20
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N14	**Instrument ID**	: GONZO
Sample Amount	: 0.5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	50	14.	U
75-34-3	1,1-Dichloroethane	ND	50	14.	U
67-66-3	Chloroform	ND	50	14.	U
56-23-5	Carbon tetrachloride	ND	10	2.7	U
78-87-5	1,2-Dichloropropane	ND	20	2.7	U
124-48-1	Dibromochloromethane	ND	10	3.0	U
79-00-5	1,1,2-Trichloroethane	ND	30	10.	U
127-18-4	Tetrachloroethene	870	10	3.6	
108-90-7	Chlorobenzene	ND	50	14.	U
75-69-4	Trichlorofluoromethane	ND	50	14.	U
107-06-2	1,2-Dichloroethane	ND	10	2.6	U
71-55-6	1,1,1-Trichloroethane	ND	50	14.	U
75-27-4	Bromodichloromethane	ND	10	3.8	U
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.3	U
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.9	U
75-25-2	Bromoform	ND	40	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.3	U
71-43-2	Benzene	ND	10	3.2	U
108-88-3	Toluene	ND	50	14.	U
100-41-4	Ethylbenzene	ND	50	14.	U
74-87-3	Chloromethane	ND	50	14.	U
74-83-9	Bromomethane	ND	50	14.	U
75-01-4	Vinyl chloride	350	20	1.4	
75-00-3	Chloroethane	ND	50	14.	U
75-35-4	1,1-Dichloroethene	6.0	10	3.4	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-05D	**Date Collected**	: 08/22/23 15:25
Client ID	: MW-2	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 23:22
Sample Matrix	: WATER	**Dilution Factor**	: 20
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N14	**Instrument ID**	: GONZO
Sample Amount	: 0.5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	21	50	14.	J
79-01-6	Trichloroethene	340	10	3.5	
95-50-1	1,2-Dichlorobenzene	ND	50	14.	U
541-73-1	1,3-Dichlorobenzene	ND	50	14.	U
106-46-7	1,4-Dichlorobenzene	ND	50	14.	U
1634-04-4	Methyl tert butyl ether	ND	50	14.	U
179601-23-1	p/m-Xylene	ND	50	14.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	2500	50	14.	
100-42-5	Styrene	ND	50	14.	U
75-71-8	Dichlorodifluoromethane	ND	100	20.	U
67-64-1	Acetone	ND	100	29.	U
75-15-0	Carbon disulfide	ND	100	20.	U
78-93-3	2-Butanone	ND	100	39.	U
108-10-1	4-Methyl-2-pentanone	ND	100	20.	U
591-78-6	2-Hexanone	ND	100	20.	U
74-97-5	Bromochloromethane	ND	50	14.	U
106-93-4	1,2-Dibromoethane	ND	40	13.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	14.	U
98-82-8	Isopropylbenzene	ND	50	14.	U
87-61-6	1,2,3-Trichlorobenzene	ND	50	14.	U
120-82-1	1,2,4-Trichlorobenzene	ND	50	14.	U
79-20-9	Methyl Acetate	ND	40	4.7	U
110-82-7	Cyclohexane	ND	200	5.4	U
123-91-1	1,4-Dioxane	ND	5000	1200	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-05D	**Date Collected**	: 08/22/23 15:25
Client ID	: MW-2	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 23:22
Sample Matrix	: WATER	**Dilution Factor**	: 20
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N14	**Instrument ID**	: GONZO
Sample Amount	: 0.5 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	50	14.	U
108-87-2	Methyl cyclohexane	ND	200	7.9	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-06	**Date Collected**	: 08/22/23 00:00
Client ID	: TB08222023	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/25/23 00:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N16	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-06	**Date Collected**	: 08/22/23 00:00
Client ID	: TB08222023	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/25/23 00:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N16	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-06	**Date Collected**	: 08/22/23 00:00
Client ID	: TB08222023	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/25/23 00:10
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N16	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-07	**Date Collected**	: 08/22/23 00:00
Client ID	: DUP08222023	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 23:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N15	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	3.6	0.50	0.18	
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	1.2	1.0	0.07	
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-07	**Date Collected**	: 08/22/23 00:00
Client ID	: DUP08222023	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 23:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N15	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	4.0	0.50	0.18	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	45	2.5	0.70	
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: L2348770-07	**Date Collected**	: 08/22/23 00:00
Client ID	: DUP08222023	**Date Received**	: 08/22/23
Sample Location	: NEW PALTZ, NY	**Date Analyzed**	: 08/24/23 23:46
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: VG230824N15	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: WG1820053-5	**Date Collected**	: NA
Client ID	: WG1820053-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 08/24/23 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: TMS
Lab File ID	: VG230824N05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: WG1820053-5	**Date Collected**	: NA
Client ID	: WG1820053-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 08/24/23 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: TMS
Lab File ID	: VG230824N05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45
Lab ID	: WG1820053-5	**Date Collected**	: NA
Client ID	: WG1820053-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 08/24/23 19:49
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: TMS
Lab File ID	: VG230824N05	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N10.D
Acq On : 24 Aug 2023 9:48 pm
Operator : GONZO:MJV
Sample : L2348770-01,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 25 06:33:13 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	561744	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery = 91.86%			
59) Chlorobenzene-d5	9.686	117	518819	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery = 93.73%			
79) 1,4-Dichlorobenzene-d4	12.360	152	313419	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery = 94.12%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.327	113	161654	11.215	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 112.15%			
43) 1,2-Dichloroethane-d4	5.858	65	219030	11.932	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 119.32%			
60) Toluene-d8	7.836	98	627611	9.535	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.35%			
83) 4-Bromofluorobenzene	11.167	95	258118	9.083	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.83%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.520	85	687	N.D.		
3) Chloromethane	1.915	50	238	N.D.		
4) Vinyl chloride	1.969	62	17521	1.077	ug/L	94
5) Bromomethane	2.295	94	511	N.D.		
6) Chloroethane	2.348	64	226	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.055	96	616	N.D.		
11) Carbon disulfide	3.085	76	1026	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.610	84	76	N.D.		
17) Acetone	3.670	43	2206	0.427	ug/L #	76
18) trans-1,2-Dichloroethene	3.769	96	3564	0.289	ug/L #	47
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	3.815	73	68	N.D.		
23) 1,1-Dichloroethane	4.369	63	1225	N.D.		
28) cis-1,2-Dichloroethene	4.878	96	619076	43.377	ug/L #	69
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.053	56	100	N.D.		
32) Chloroform	5.144	83	1257	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N10.D
Acq On : 24 Aug 2023 9:48 pm
Operator : GONZO:MJV
Sample : L2348770-01,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 25 06:33:13 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.357	97	80	N.D.		
39) 2-Butanone	5.592	43	178	N.D.		
41) Benzene	5.729	78	1073	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D. d		
47) Methyl cyclohexane	6.314	83	634	N.D.		
48) Trichloroethene	6.314	95	59125	3.717	ug/L	94
51) 1,2-Dichloropropane	6.983	63	74	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.887	92	94	N.D.		
62) 4-Methyl-2-pentanone	8.338	58	69	N.D.		
63) Tetrachloroethene	8.345	166	56489	3.590	ug/L	98
65) trans-1,3-Dichloropropene	8.259	75	87	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D. d		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.355	43	83	N.D.		
73) Chlorobenzene	9.703	112	92	N.D.		
74) Ethylbenzene	9.760	91	540	N.D.		
76) p/m Xylene	9.950	106	516	N.D.		
77) o Xylene	10.567	106	80	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.846	105	437	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.159	83	86	N.D.		
100) 1,3-Dichlorobenzene	12.294	146	77	N.D.		
101) 1,4-Dichlorobenzene	12.368	146	246	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.236	180	104	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

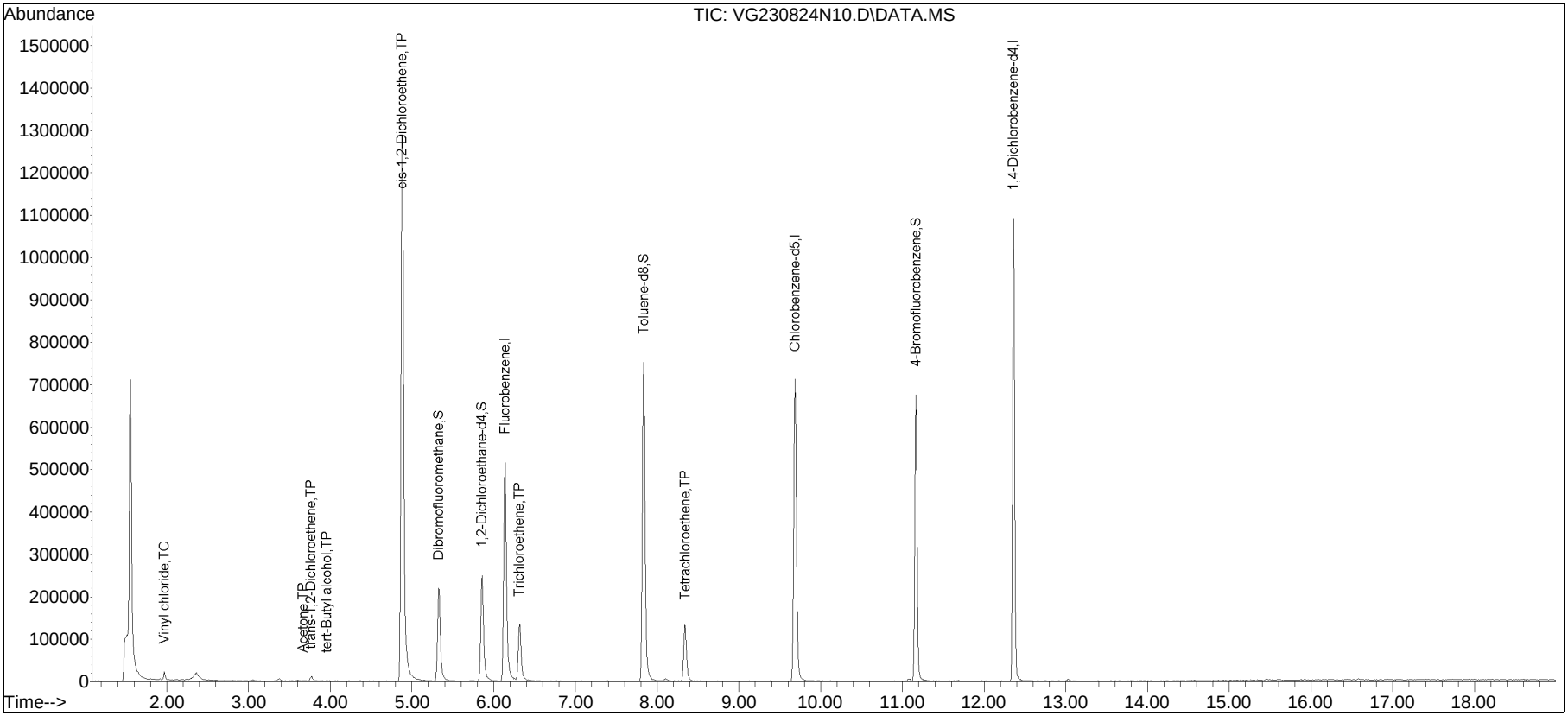
(#) = qualifier out of range (m) = manual integration (+) = signals summed

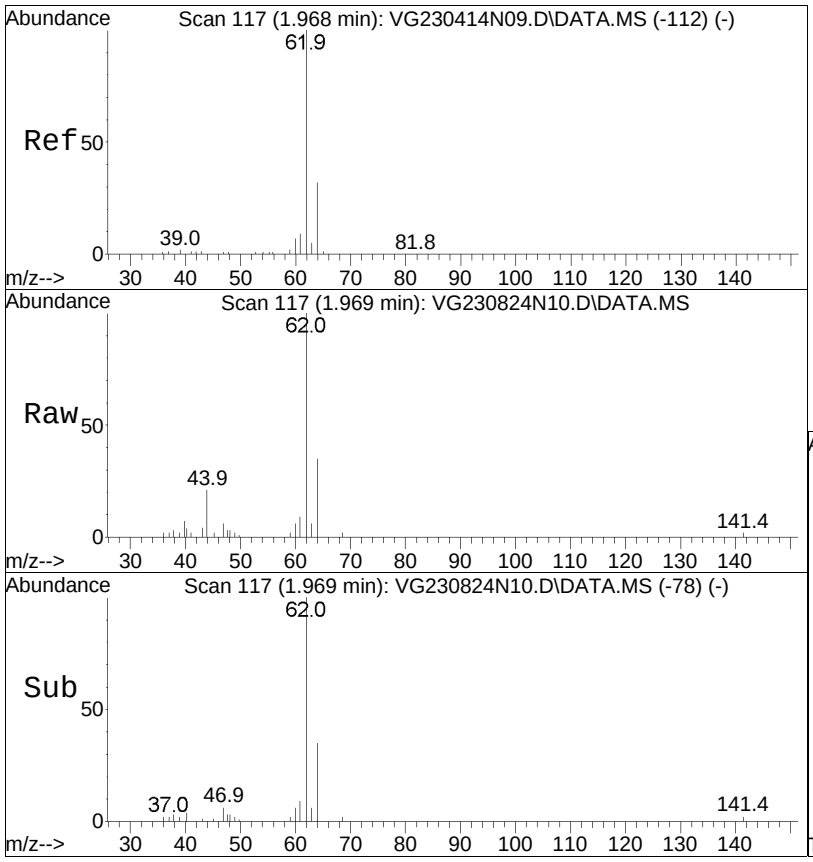
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N10.D
Acq On : 24 Aug 2023 9:48 pm
Operator : GONZO:MJV
Sample : L2348770-01,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 25 06:33:13 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

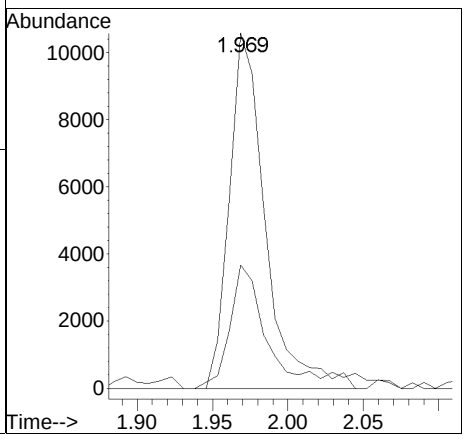


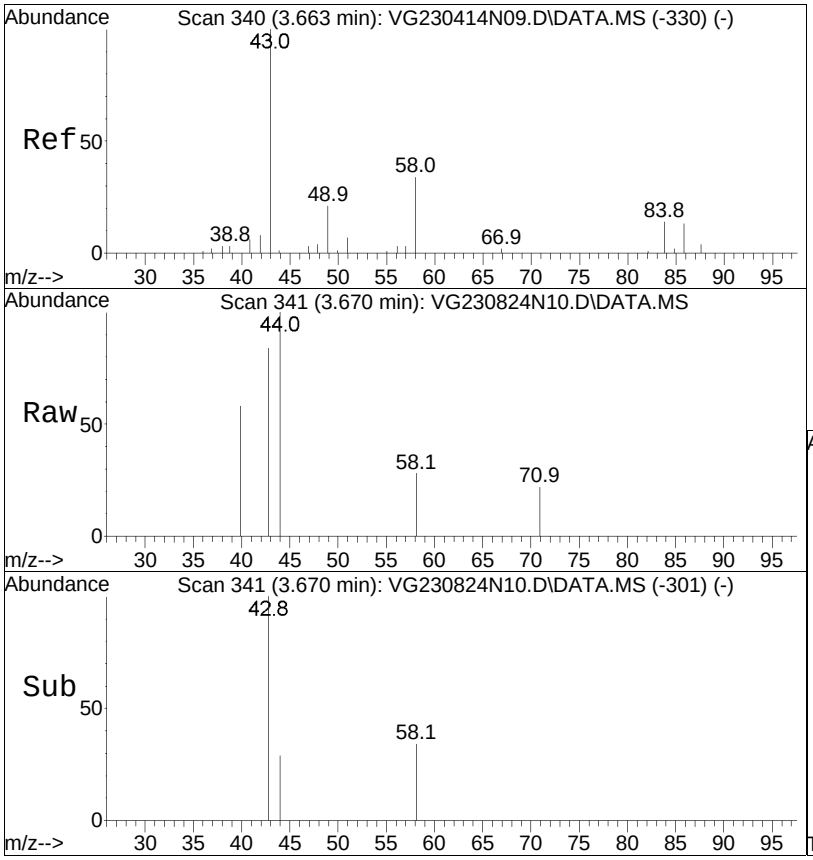


#4
Vinyl chloride
Concen: 1.08 ug/L
RT: 1.969 min Scan# 117
Delta R.T. -0.000 min
Lab File: VG230824N10.D
Acq: 24 Aug 2023 9:48 pm

Tgt Ion: 62 Resp: 17521

Ion	Ratio	Lower	Upper
62	100		
64	34.8	11.3	51.3

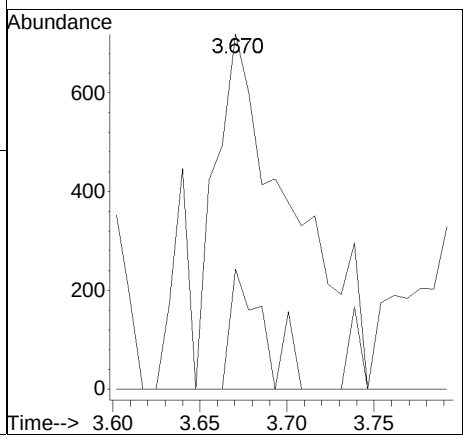


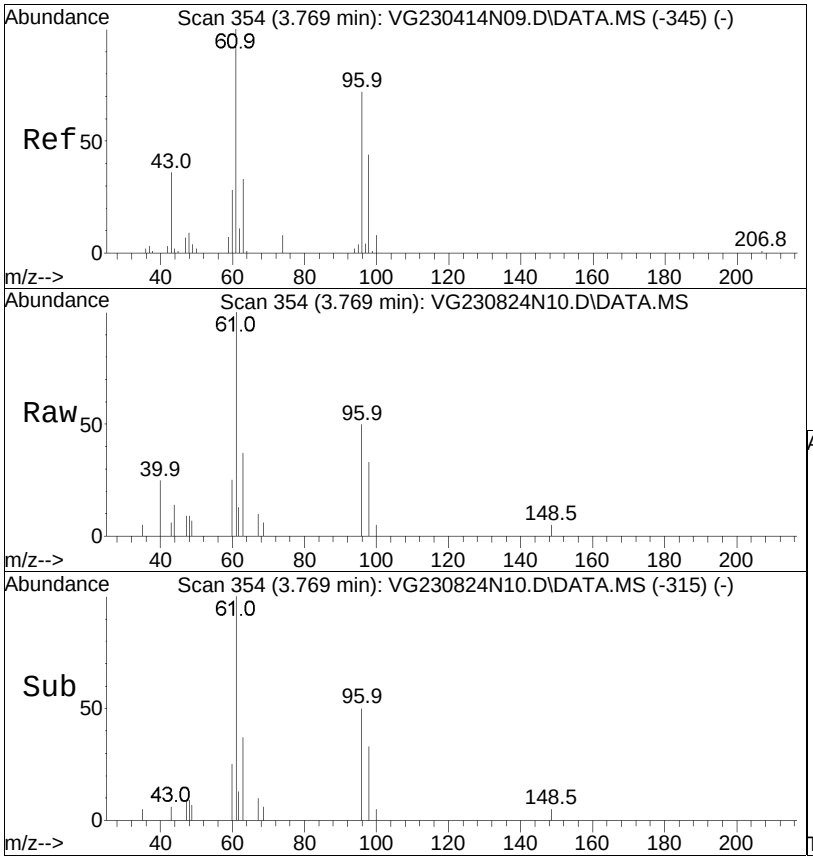


#17
Acetone
Concen: 0.43 ug/L
RT: 3.670 min Scan# 341
Delta R.T. 0.007 min
Lab File: VG230824N10.D
Acq: 24 Aug 2023 9:48 pm

Tgt Ion: 43 Resp: 2206

Ion	Ratio	Lower	Upper
43	100		
58	15.0	22.2	33.4#

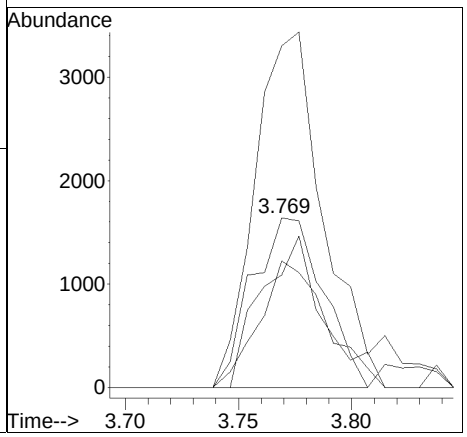


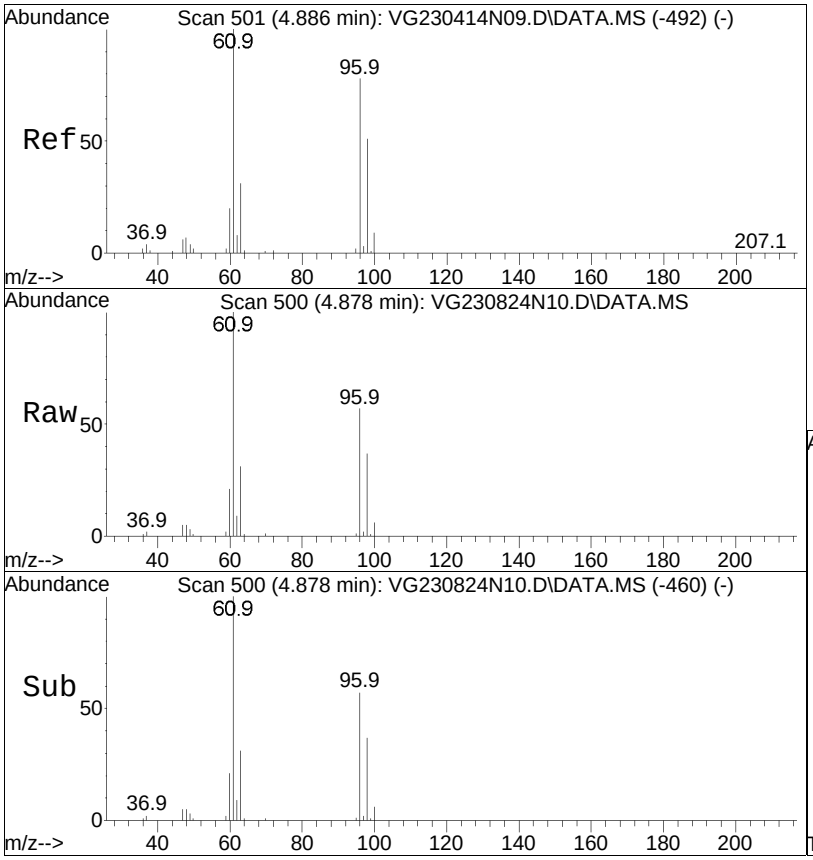


#18
trans-1,2-Dichloroethene
Concen: 0.29 ug/L
RT: 3.769 min Scan# 354
Delta R.T. 0.000 min
Lab File: VG230824N10.D
Acq: 24 Aug 2023 9:48 pm

Tgt Ion: 96 Resp: 3564

Ion	Ratio	Lower	Upper
96	100		
61	216.0	85.7	178.1#
98	78.4	40.2	83.4
63	70.7	28.0	58.2#

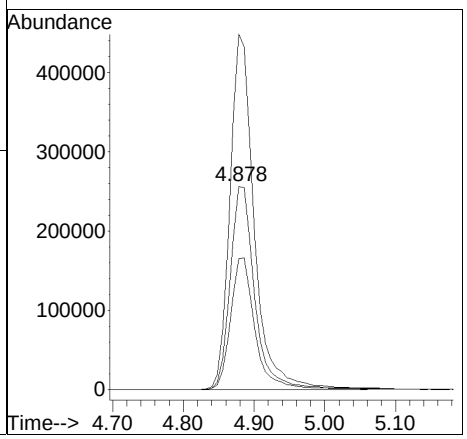


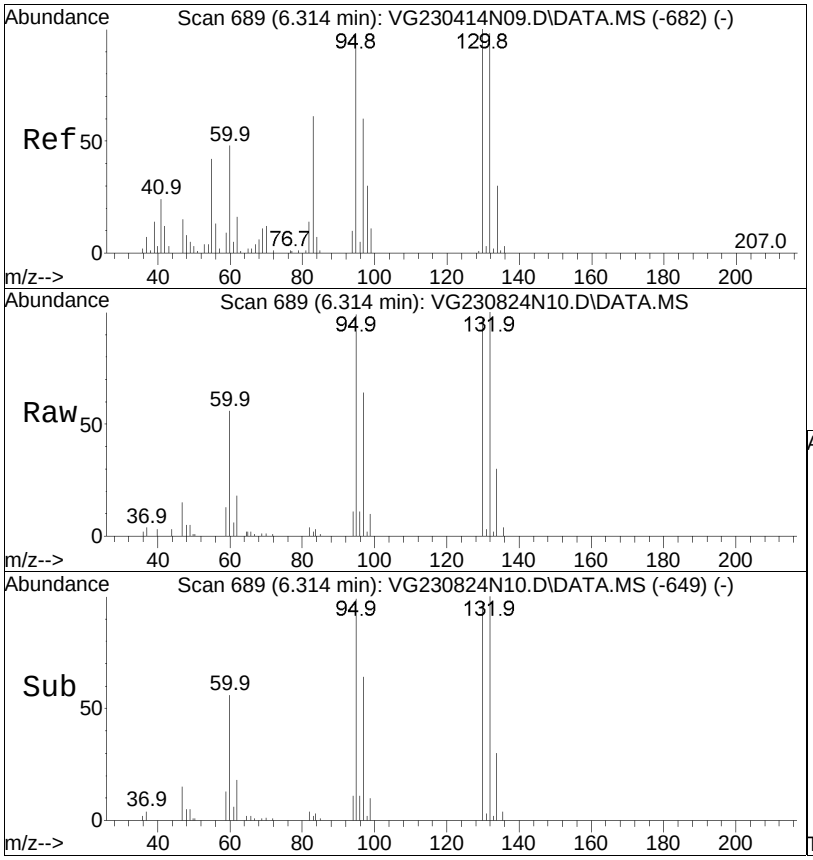


#28
cis-1,2-Dichloroethene
Concen: 43.38 ug/L
RT: 4.878 min Scan# 500
Delta R.T. 0.000 min
Lab File: VG230824N10.D
Acq: 24 Aug 2023 9:48 pm

Tgt Ion: 96 Resp: 619076

Ion	Ratio	Lower	Upper
96	100		
61	173.6	96.6	144.8#
98	64.3	51.3	76.9

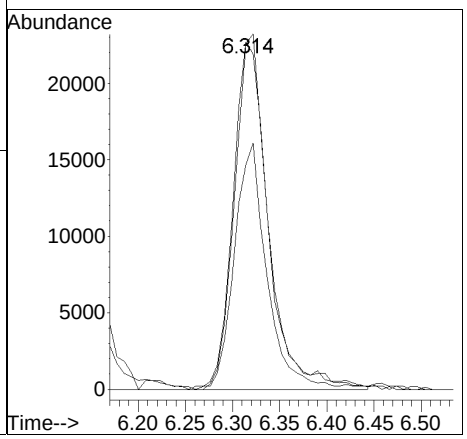


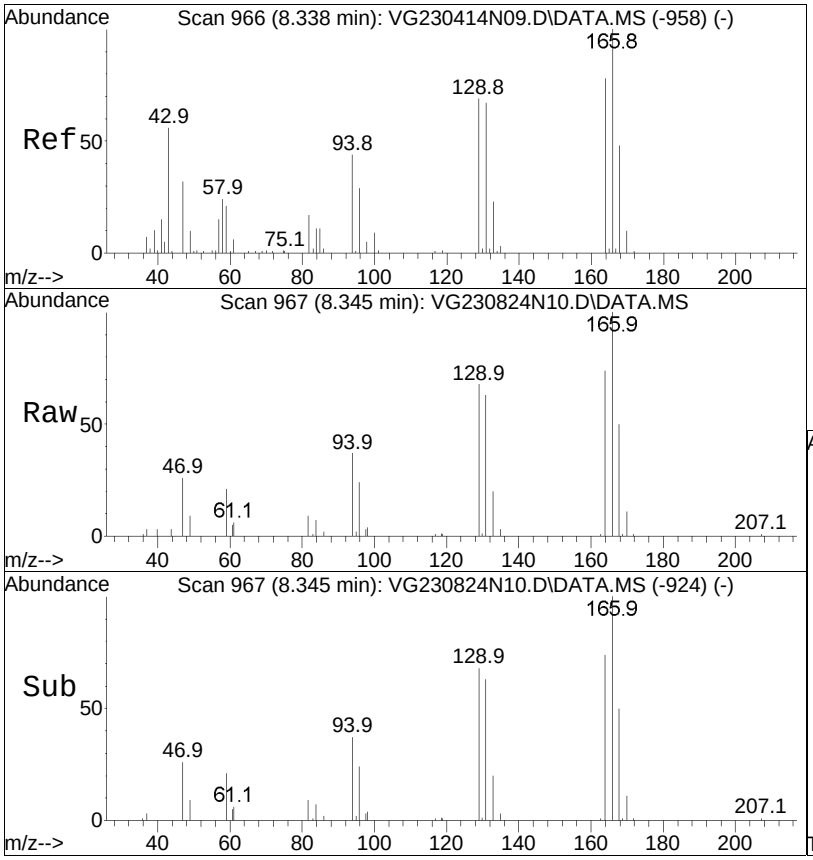


#48
Trichloroethene
Concen: 3.72 ug/L
RT: 6.314 min Scan# 689
Delta R.T. 0.000 min
Lab File: VG230824N10.D
Acq: 24 Aug 2023 9:48 pm

Tgt Ion: 95 Resp: 59125

Ion	Ratio	Lower	Upper
95	100		
97	65.4	54.0	81.0
130	98.2	85.0	127.4

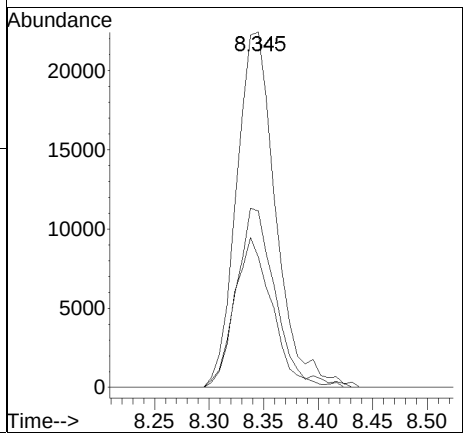




#63
Tetrachloroethene
Concen: 3.59 ug/L
RT: 8.345 min Scan# 967
Delta R.T. 0.007 min
Lab File: VG230824N10.D
Acq: 24 Aug 2023 9:48 pm

Tgt Ion:166 Resp: 56489

Ion	Ratio	Lower	Upper
166	100		
168	50.1	27.3	67.3
94	40.3	20.5	60.5



Manual Integration Report

Data Path	: K:\Gonzo\2023\230824N\	QMethod	: G_230726N_8260.m
Data File	: VG230824N10.D	Operator	: GONZO:MJV
Date Inj'd	: 8/24/2023 9:48 pm	Instrument	: Gonzo
Sample	: L2348770-01,31,10,10,,A	Quant Date	: 8/25/2023 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N11.D
Acq On : 24 Aug 2023 10:11 pm
Operator : GONZO:MJV
Sample : L2348770-02,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 25 06:14:13 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.140	96	529453	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery = 86.58%			
59) Chlorobenzene-d5	9.687	117	485792	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery = 87.76%			
79) 1,4-Dichlorobenzene-d4	12.360	152	296969	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery = 89.18%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.327	113	150502	11.078	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.78%			
43) 1,2-Dichloroethane-d4	5.859	65	207194	11.975	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 119.75%			
60) Toluene-d8	7.837	98	588792	9.553	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.53%			
83) 4-Bromofluorobenzene	11.167	95	246803	9.166	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	623	N.D.		
3) Chloromethane	1.885	50	90	N.D.		
4) Vinyl chloride	1.969	62	96368	6.287	ug/L	97
5) Bromomethane	2.402	94	86	N.D.		
6) Chloroethane	0.000		0	N.D.	d	
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.048	96	1132	0.104	ug/L #	65
11) Carbon disulfide	0.000		0	N.D.	d	
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.450	84	68	N.D.		
17) Acetone	3.663	43	1701	0.350	ug/L #	75
18) trans-1,2-Dichloroethene	3.777	96	5069	0.436	ug/L #	45
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	3.853	73	148	N.D.		
23) 1,1-Dichloroethane	4.370	63	539	N.D.		
28) cis-1,2-Dichloroethene	4.886	96	466778	34.701	ug/L #	69
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.220	56	74	N.D.		
32) Chloroform	5.160	83	83	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N11.D
Acq On : 24 Aug 2023 10:11 pm
Operator : GONZO:MJV
Sample : L2348770-02,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 25 06:14:13 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.342	97	69	N.D.		
39) 2-Butanone	5.426	43	246	N.D.		
41) Benzene	5.722	78	2180	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D. d		
47) Methyl cyclohexane	6.299	83	422	N.D.		
48) Trichloroethene	6.322	95	29431	1.963	ug/L	97
51) 1,2-Dichloropropane	6.854	63	87	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	7.837	75	169	N.D.		
61) Toluene	7.887	92	735	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.345	166	18516	1.257	ug/L	91
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	8.345	83	253	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.377	43	105	N.D.		
73) Chlorobenzene	0.000		0	N.D.		
74) Ethylbenzene	9.753	91	443	N.D.		
76) p/m Xylene	9.966	106	504	N.D.		
77) o Xylene	10.674	106	105	N.D.		
78) Styrene	10.485	104	83	N.D.		
80) Bromoform	10.567	173	83	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.167	83	109	N.D.		
100) 1,3-Dichlorobenzene	12.303	146	77	N.D.		
101) 1,4-Dichlorobenzene	12.369	146	194	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.219	180	120	N.D.		
111) 1,2,3-Trichlorobenzene	14.672	180	89	N.D.		

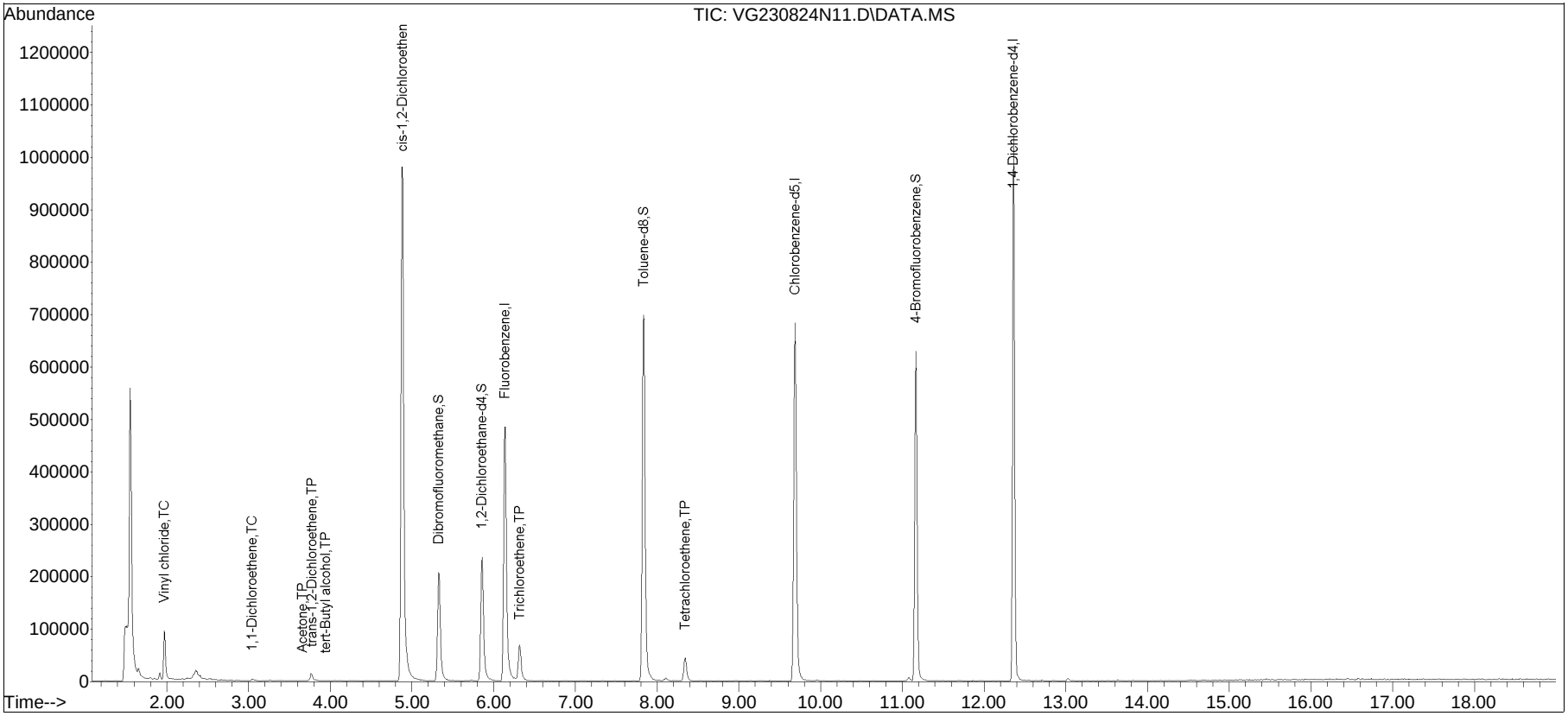
(#) = qualifier out of range (m) = manual integration (+) = signals summed

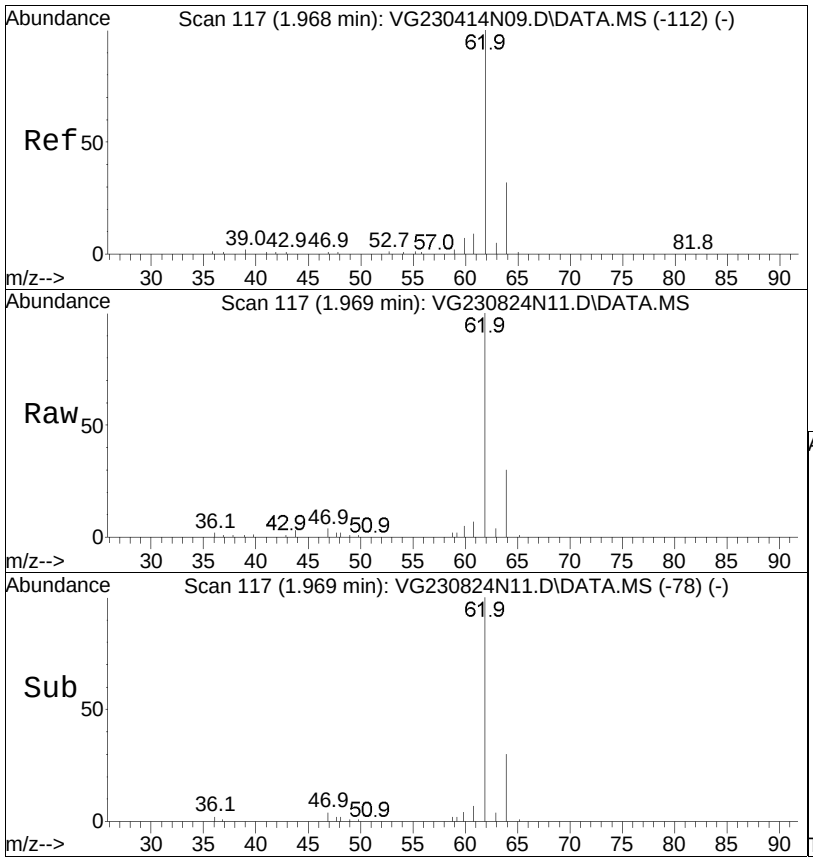
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N11.D
Acq On : 24 Aug 2023 10:11 pm
Operator : GONZO:MJV
Sample : L2348770-02,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 25 06:14:13 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

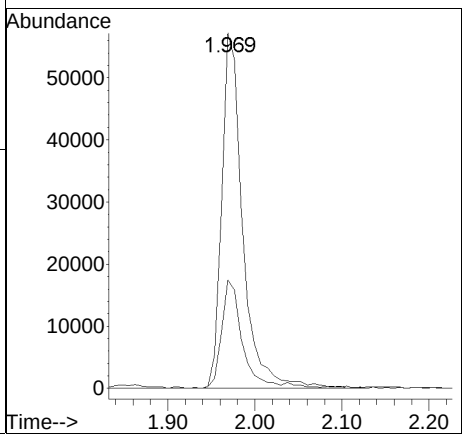


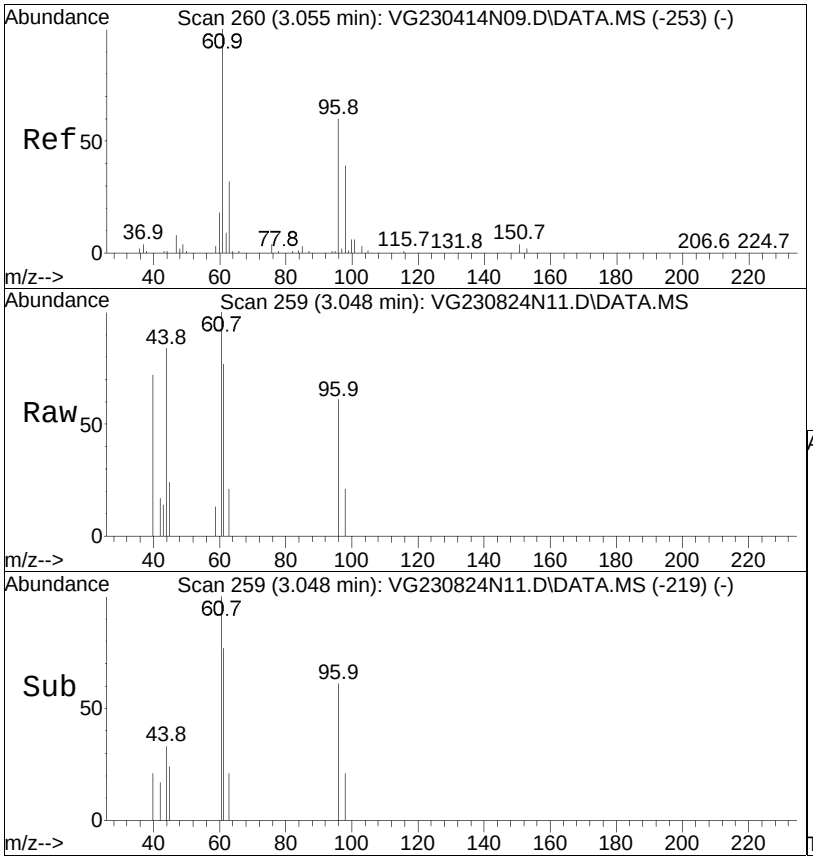


#4
Vinyl chloride
Concen: 6.29 ug/L
RT: 1.969 min Scan# 117
Delta R.T. -0.000 min
Lab File: VG230824N11.D
Acq: 24 Aug 2023 10:11 pm

Tgt Ion: 62 Resp: 96368

Ion	Ratio	Lower	Upper
62	100		
64	29.4	11.3	51.3

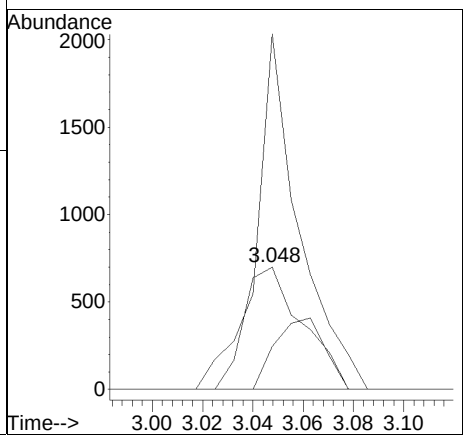


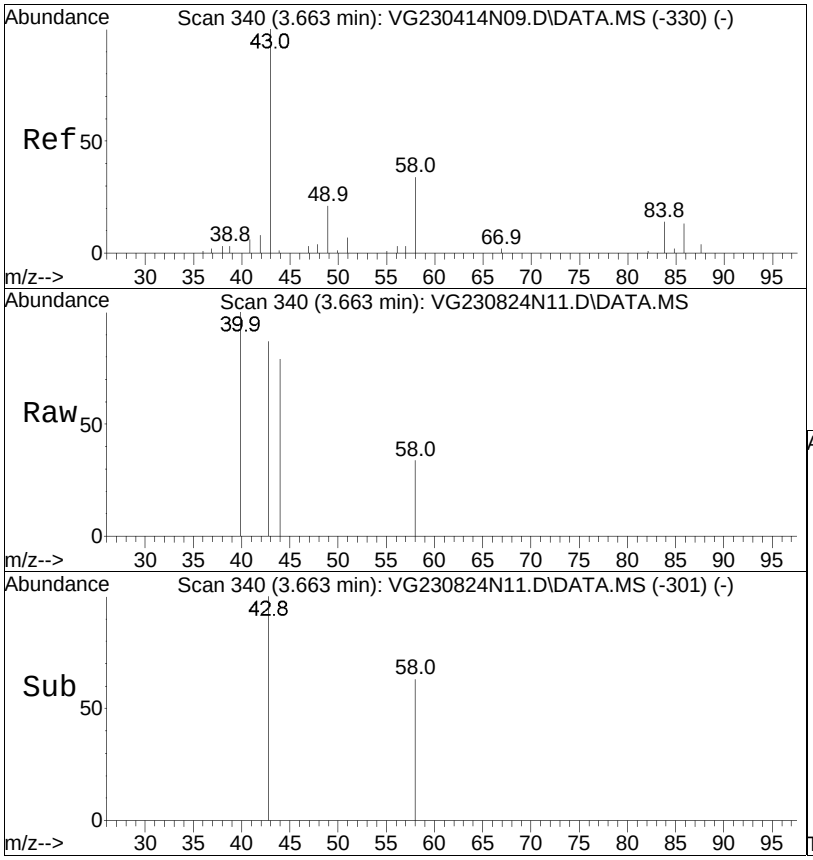


#10
1,1-Dichloroethene
Concen: 0.10 ug/L
RT: 3.048 min Scan# 259
Delta R.T. 0.001 min
Lab File: VG230824N11.D
Acq: 24 Aug 2023 10:11 pm

Tgt Ion: 96 Resp: 1132

Ion	Ratio	Lower	Upper
96	100		
61	215.0	124.2	186.4#
63	49.3	40.0	60.0

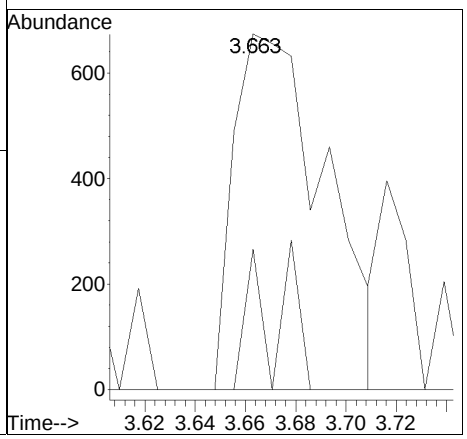


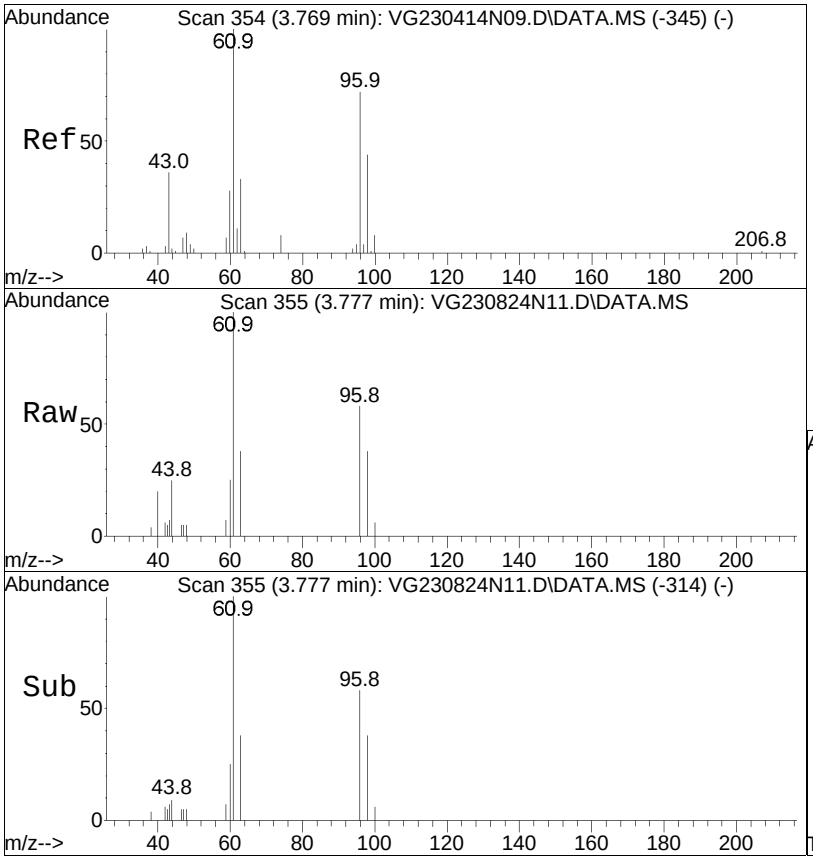


#17
Acetone
Concen: 0.35 ug/L
RT: 3.663 min Scan# 340
Delta R.T. 0.000 min
Lab File: VG230824N11.D
Acq: 24 Aug 2023 10:11 pm

Tgt Ion: 43 Resp: 1701

Ion	Ratio	Lower	Upper
43	100		
58	14.7	22.2	33.4#

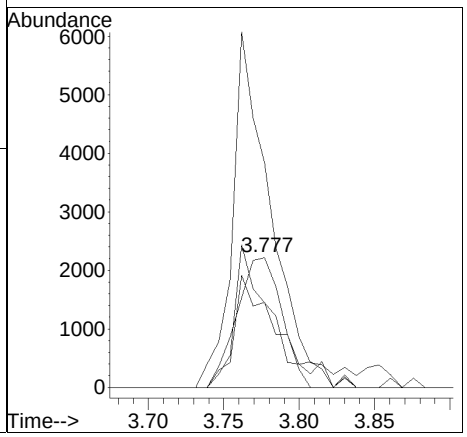


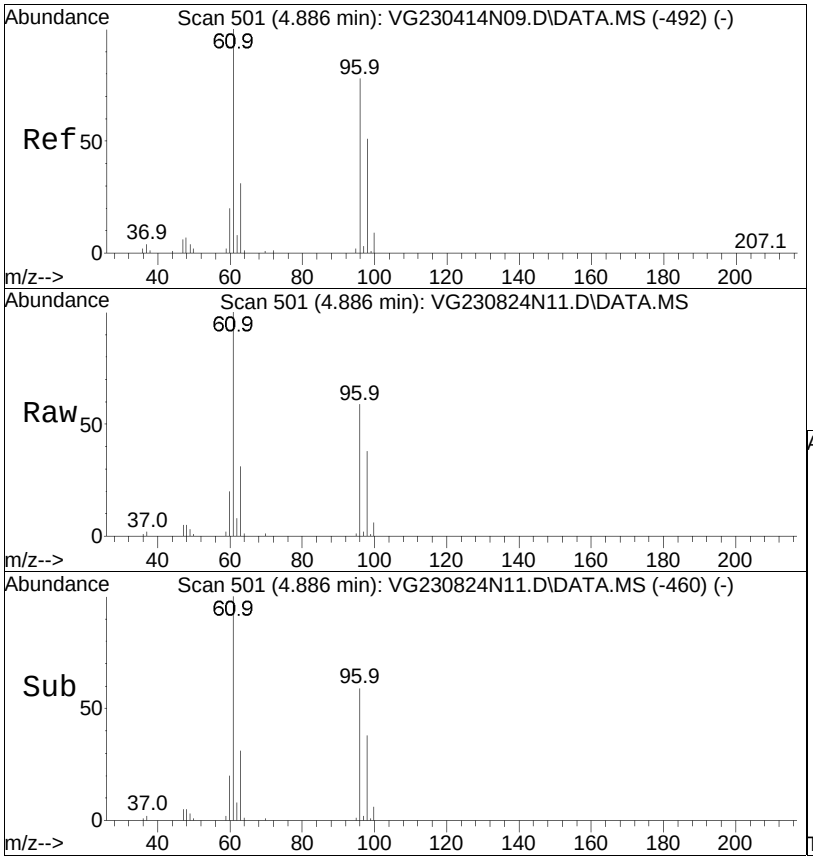


#18
trans-1,2-Dichloroethene
Concen: 0.44 ug/L
RT: 3.777 min Scan# 355
Delta R.T. 0.008 min
Lab File: VG230824N11.D
Acq: 24 Aug 2023 10:11 pm

Tgt Ion: 96 Resp: 5069

Ion	Ratio	Lower	Upper
96	100		
61	216.7	85.7	178.1#
98	83.0	40.2	83.4
63	68.4	28.0	58.2#

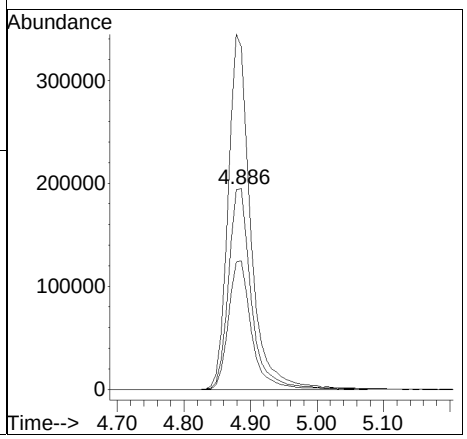


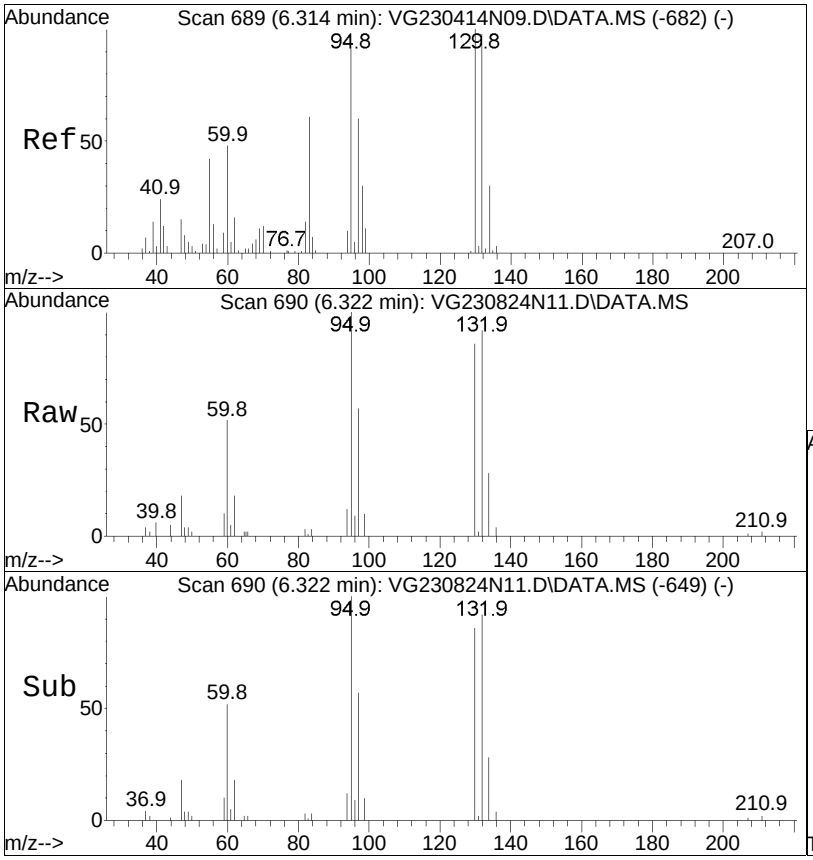


#28
cis-1,2-Dichloroethene
Concen: 34.70 ug/L
RT: 4.886 min Scan# 501
Delta R.T. 0.008 min
Lab File: VG230824N11.D
Acq: 24 Aug 2023 10:11 pm

Tgt Ion: 96 Resp: 466778

Ion	Ratio	Lower	Upper
96	100		
61	174.0	96.6	144.8#
98	64.7	51.3	76.9

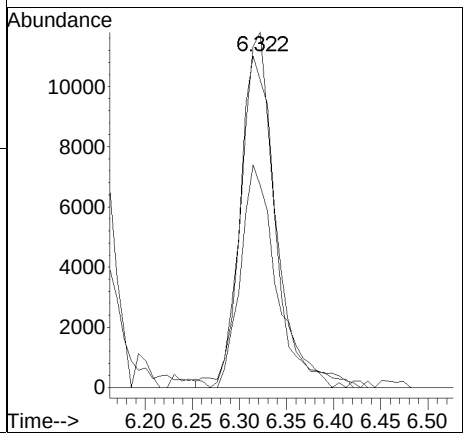


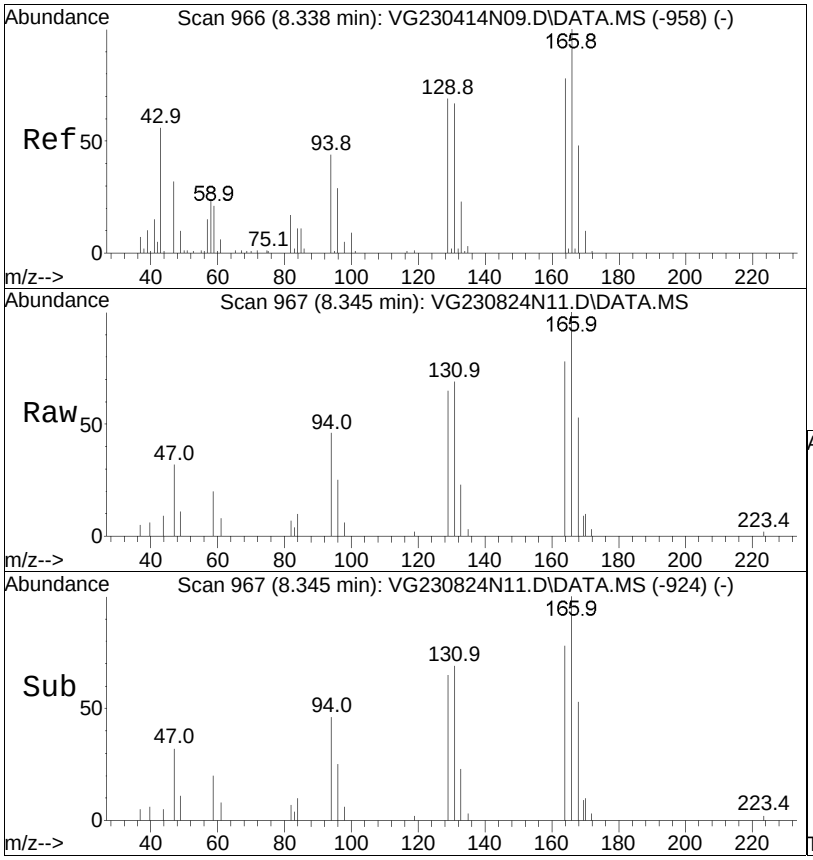


#48
Trichloroethene
Concen: 1.96 ug/L
RT: 6.322 min Scan# 690
Delta R.T. 0.008 min
Lab File: VG230824N11.D
Acq: 24 Aug 2023 10:11 pm

Tgt Ion: 95 Resp: 29431

Ion	Ratio	Lower	Upper
95	100		
97	66.8	54.0	81.0
130	101.4	85.0	127.4

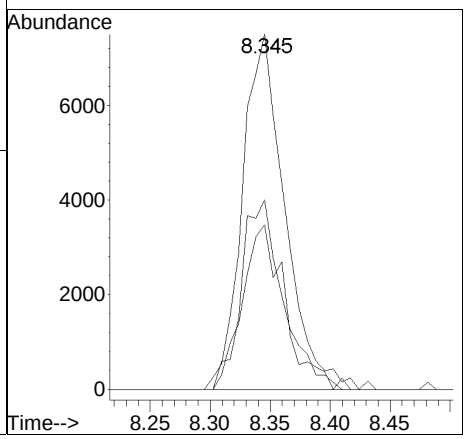




#63
Tetrachloroethene
Concen: 1.26 ug/L
RT: 8.345 min Scan# 967
Delta R.T. 0.007 min
Lab File: VG230824N11.D
Acq: 24 Aug 2023 10:11 pm

Tgt Ion:166 Resp: 18516

Ion	Ratio	Lower	Upper
166	100		
168	52.2	27.3	67.3
94	47.0	20.5	60.5



Manual Integration Report

Data Path	: K:\Gonzo\2023\230824N\	QMethod	: G_230726N_8260.m
Data File	: VG230824N11.D	Operator	: GONZO:MJV
Date Inj'd	: 8/24/2023 10:11 pm	Instrument	: Gonzo
Sample	: L2348770-02,31,10,10,,A	Quant Date	: 8/25/2023 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N12.D
Acq On : 24 Aug 2023 10:35 pm
Operator : GONZO:MJV
Sample : L2348770-03,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 25 06:14:49 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	513148	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery =	83.91%		
59) Chlorobenzene-d5	9.686	117	474756	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery =	85.77%		
79) 1,4-Dichlorobenzene-d4	12.360	152	284046	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery =	85.30%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	154164	11.708	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	117.08%		
43) 1,2-Dichloroethane-d4	5.858	65	206701	12.327	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	123.27%		
60) Toluene-d8	7.836	98	576668	9.574	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	95.74%		
83) 4-Bromofluorobenzene	11.167	95	238771	9.271	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	92.71%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	1.930	50	335	N.D.		
4) Vinyl chloride	1.976	62	11582	0.780	ug/L	78
5) Bromomethane	2.288	94	1003	0.133	ug/L #	64
6) Chloroethane	0.000		0	N.D. d		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.055	96	1178	0.112	ug/L	99
11) Carbon disulfide	0.000		0	N.D. d		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.678	43	1543	0.327	ug/L	91
18) trans-1,2-Dichloroethene	3.777	96	12182	1.081	ug/L	73
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	3.845	73	149	N.D.		
23) 1,1-Dichloroethane	4.362	63	15070	0.615	ug/L	98
28) cis-1,2-Dichloroethene	4.886	96	866074	66.431	ug/L #	67
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.068	56	228	N.D.		
32) Chloroform	5.152	83	257	N.D.		
34) Carbon tetrachloride	5.342	117	145	N.D.		

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N12.D
Acq On : 24 Aug 2023 10:35 pm
Operator : GONZO:MJV
Sample : L2348770-03,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 25 06:14:49 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.349	97	2439	0.128	ug/L #	69
39) 2-Butanone	0.000		0	N.D.	d	
41) Benzene	5.729	78	3356	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.	d	
47) Methyl cyclohexane	0.000		0	N.D.	d	
48) Trichloroethene	6.314	95	75796	5.216	ug/L	97
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.836	92	177	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.338	166	87596	6.084	ug/L	97
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	8.538	83	75	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	9.068	107	65	N.D.		
72) 2-Hexanone	9.369	43	471	N.D.		
73) Chlorobenzene	9.695	112	221	N.D.		
74) Ethylbenzene	9.760	91	354	N.D.		
76) p/m Xylene	9.925	106	75	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.192	83	83	N.D.		
100) 1,3-Dichlorobenzene	12.393	146	88	N.D.		
101) 1,4-Dichlorobenzene	12.393	146	88	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	14.672	180	87	N.D.		

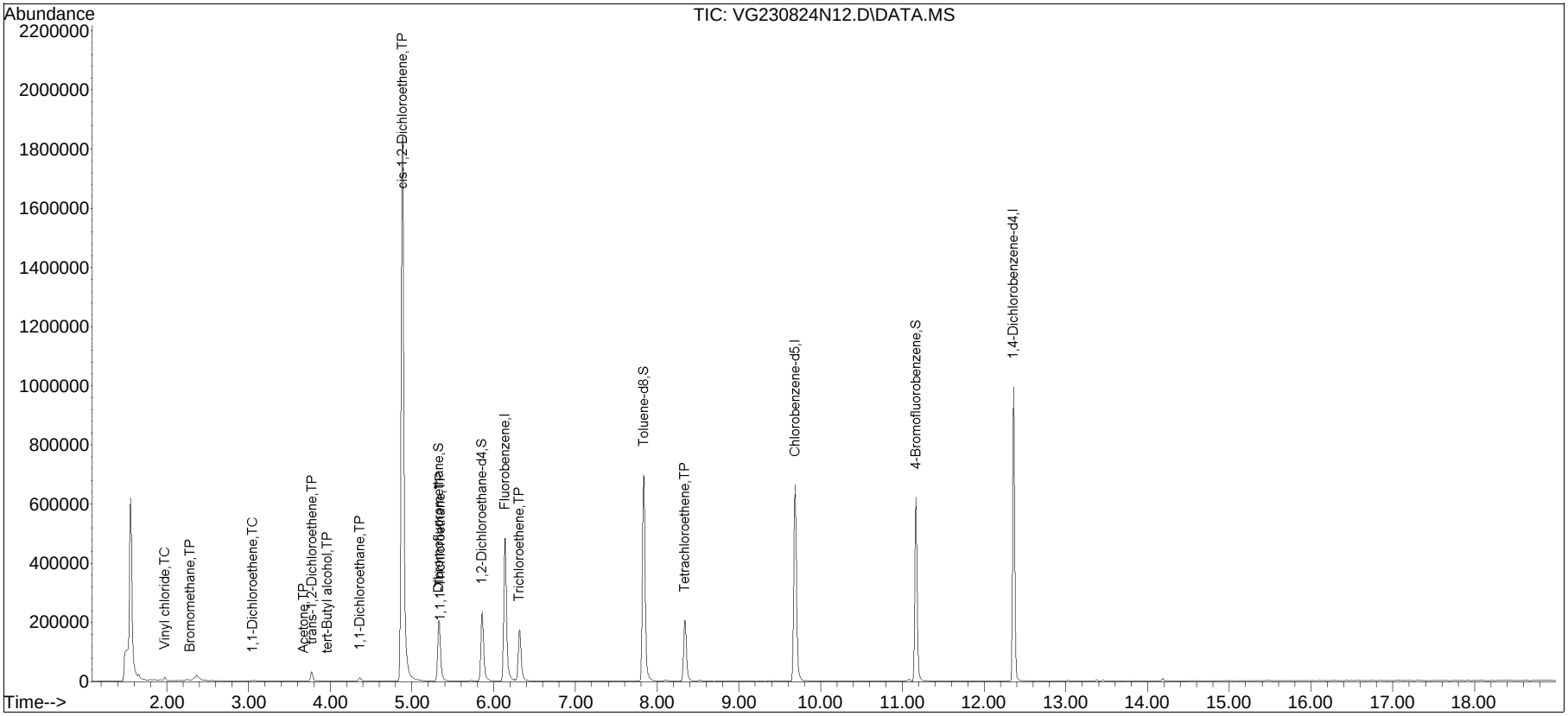
(#) = qualifier out of range (m) = manual integration (+) = signals summed

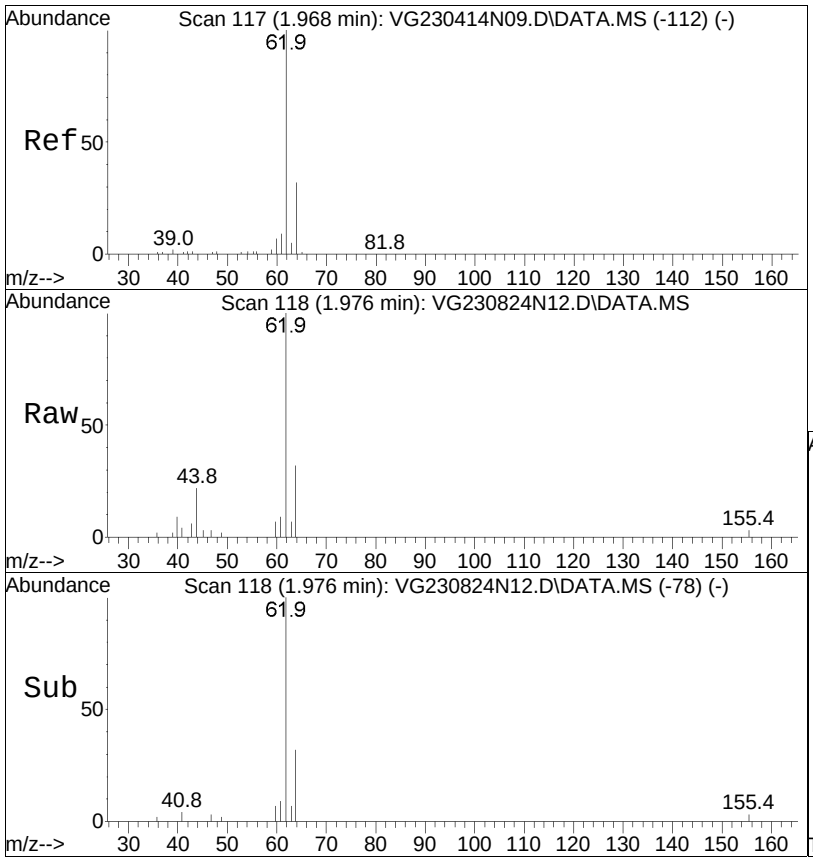
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N12.D
Acq On : 24 Aug 2023 10:35 pm
Operator : GONZO:MJV
Sample : L2348770-03,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 25 06:14:49 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

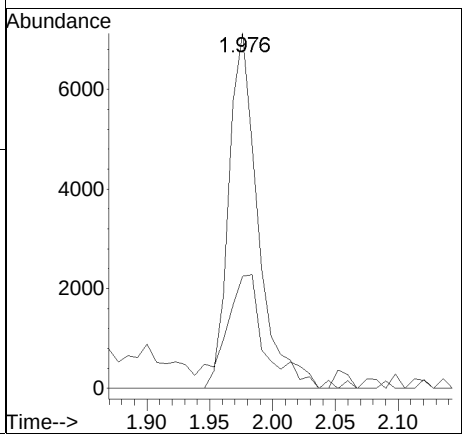


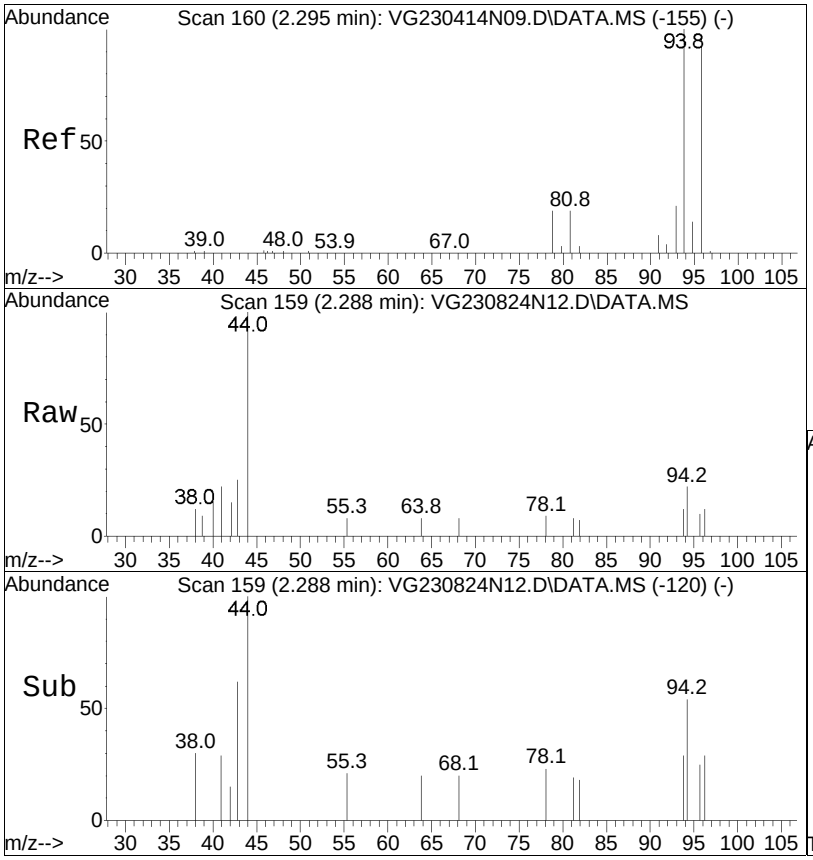


#4
Vinyl chloride
Concen: 0.78 ug/L
RT: 1.976 min Scan# 118
Delta R.T. 0.007 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 62 Resp: 11582

Ion	Ratio	Lower	Upper
62	100		
64	43.6	11.3	51.3

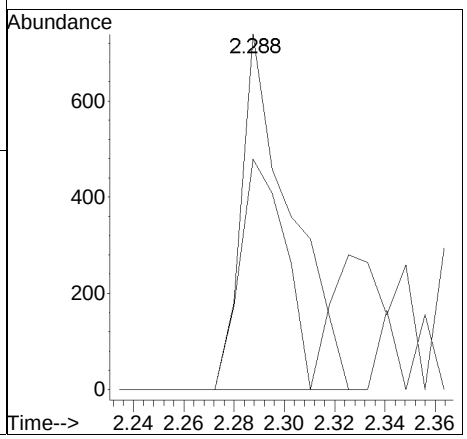


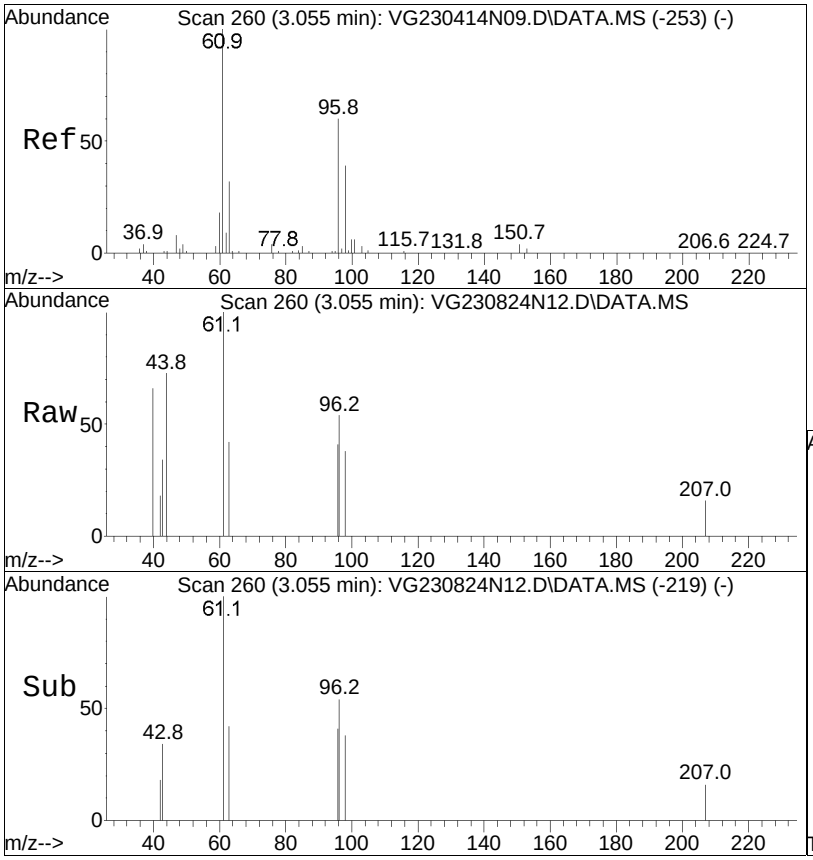


#5
Bromomethane
Concen: 0.13 ug/L
RT: 2.288 min Scan# 159
Delta R.T. -0.000 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 94 Resp: 1003

Ion	Ratio	Lower	Upper
94	100		
96	60.1	75.2	115.2#

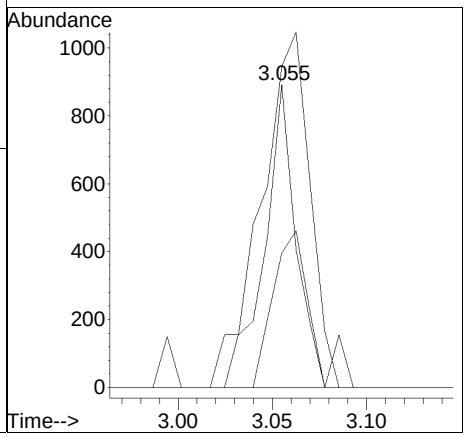


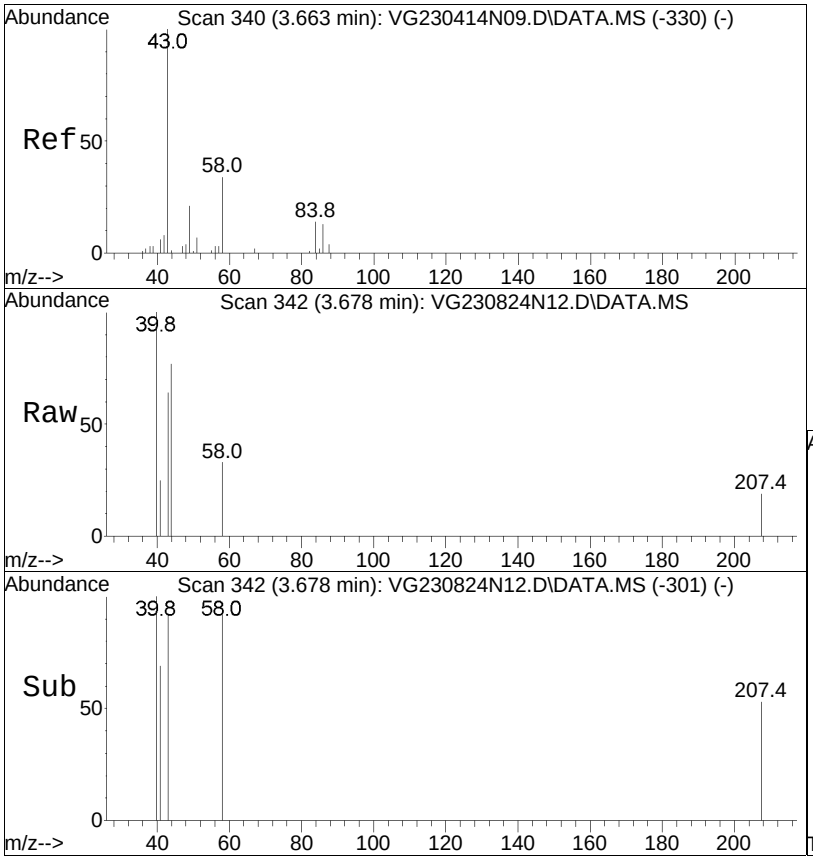


#10
1,1-Dichloroethene
Concen: 0.11 ug/L
RT: 3.055 min Scan# 260
Delta R.T. 0.008 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 96 Resp: 1178

Ion	Ratio	Lower	Upper
96	100		
61	154.1	124.2	186.4
63	49.3	40.0	60.0

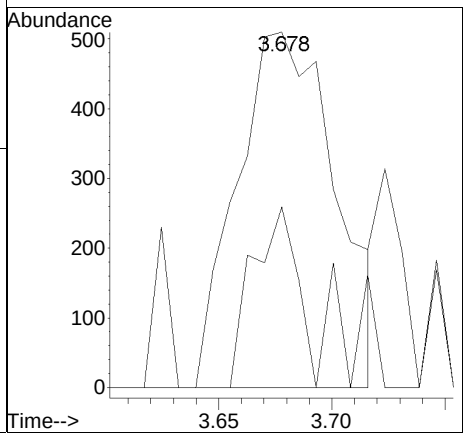


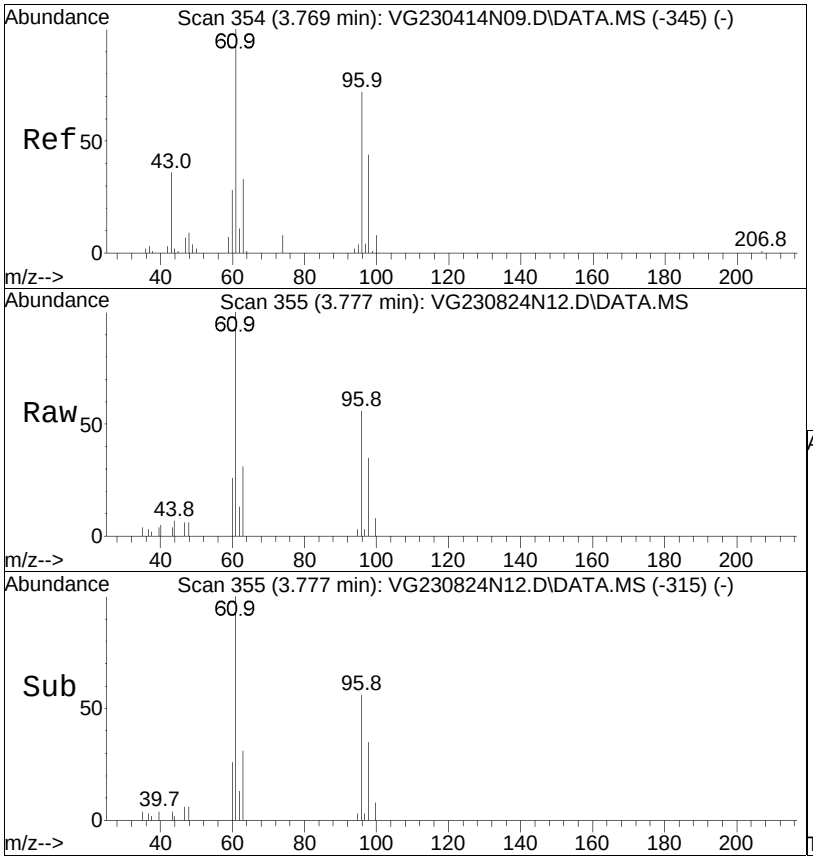


#17
Acetone
Concen: 0.33 ug/L
RT: 3.678 min Scan# 342
Delta R.T. 0.015 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 43 Resp: 1543

Ion	Ratio	Lower	Upper
43	100		
58	23.1	22.2	33.4

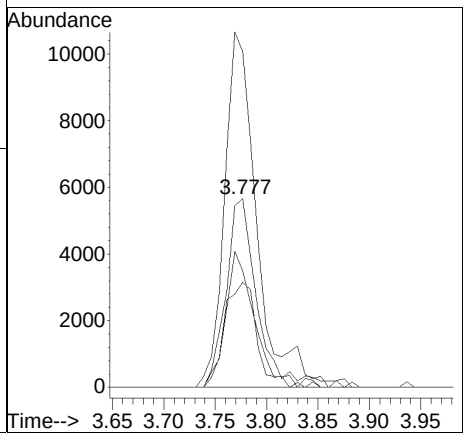


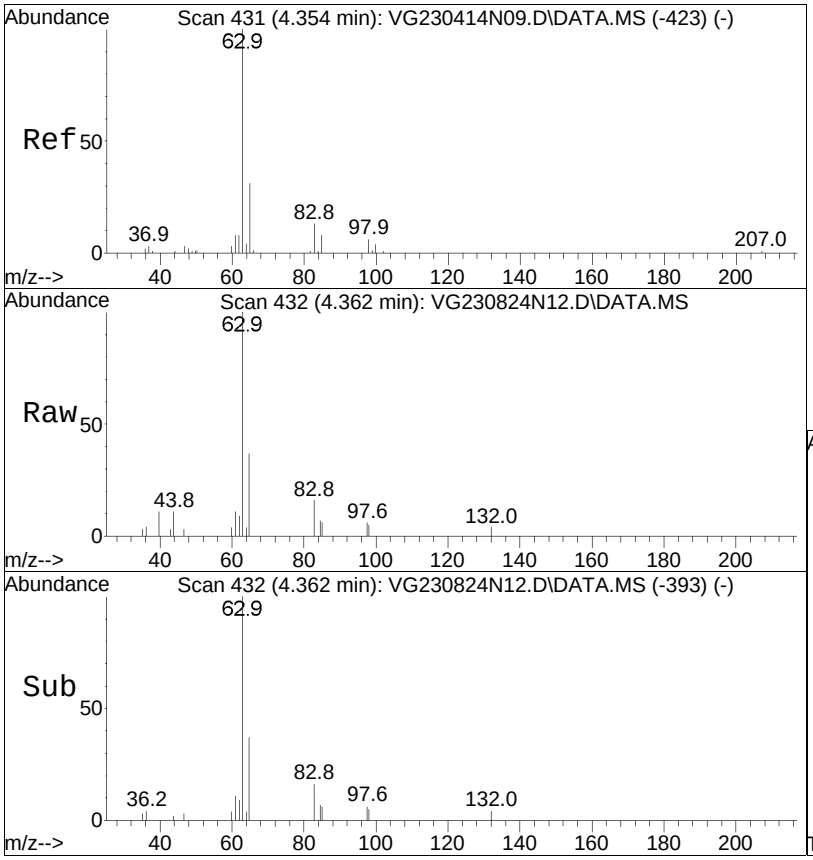


#18
trans-1,2-Dichloroethene
Concen: 1.08 ug/L
RT: 3.777 min Scan# 355
Delta R.T. 0.008 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 96 Resp: 12182

Ion	Ratio	Lower	Upper
96	100		
61	177.5	85.7	178.1
98	64.8	40.2	83.4
63	57.0	28.0	58.2

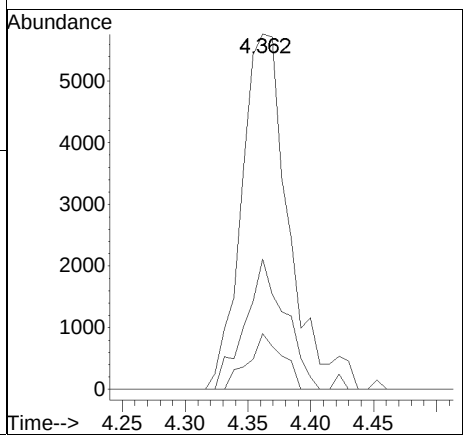


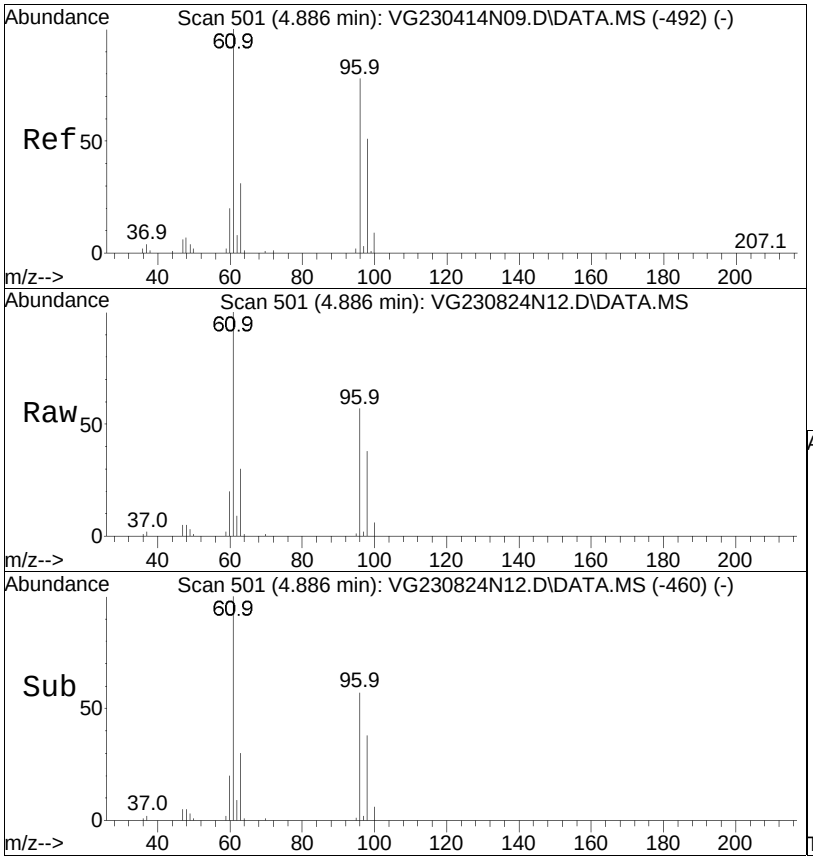


#23
1,1-Dichloroethane
Concen: 0.61 ug/L
RT: 4.362 min Scan# 432
Delta R.T. -0.000 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 63 Resp: 15070

Ion	Ratio	Lower	Upper
63	100		
65	31.1	10.4	50.4
83	11.5	0.0	33.2

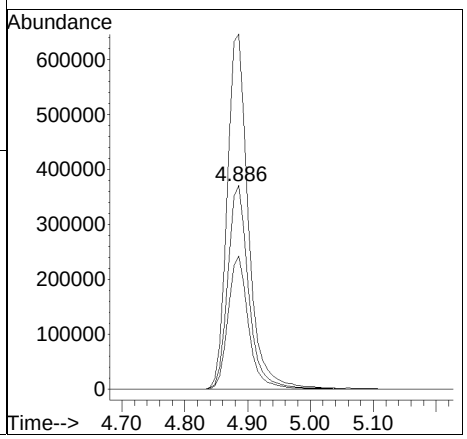


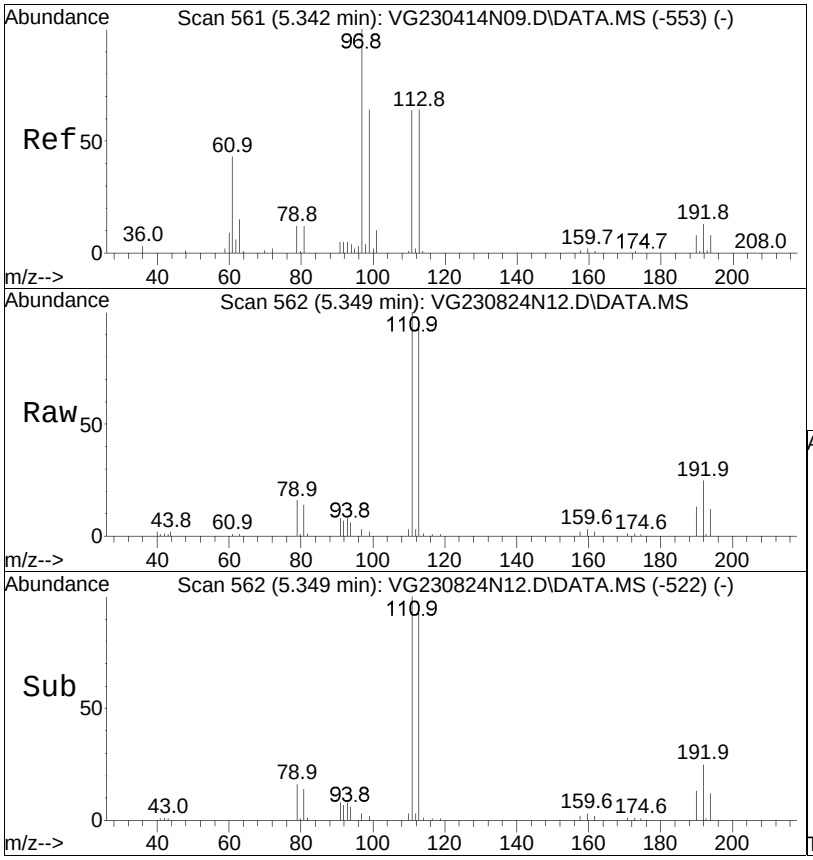


#28
cis-1,2-Dichloroethene
Concen: 66.43 ug/L
RT: 4.886 min Scan# 501
Delta R.T. 0.008 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 96 Resp: 866074

Ion	Ratio	Lower	Upper
96	100		
61	176.5	96.6	144.8#
98	64.4	51.3	76.9

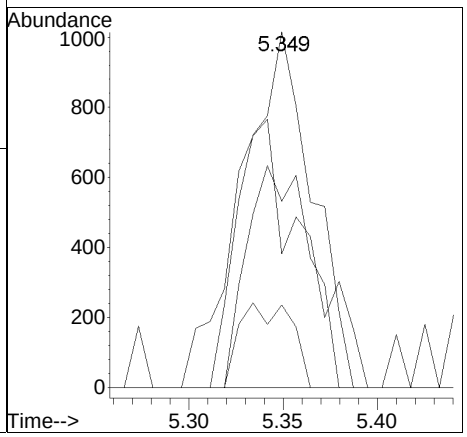


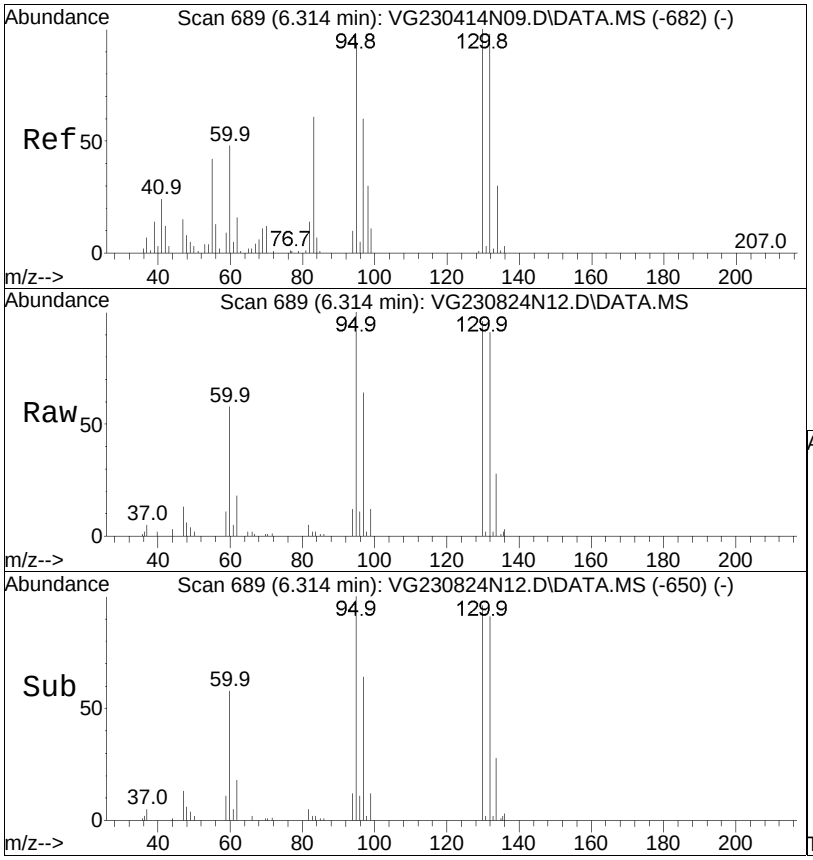


#37
1,1,1-Trichloroethane
Concen: 0.13 ug/L
RT: 5.349 min Scan# 562
Delta R.T. 0.007 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 97 Resp: 2439

Ion	Ratio	Lower	Upper
97	100		
99	60.2	41.3	85.7
61	88.1	26.0	54.0#
63	18.9	8.6	18.0#

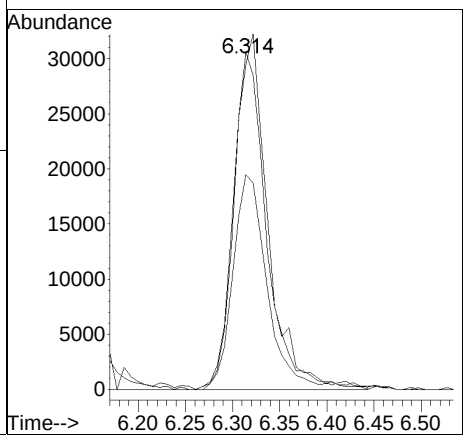


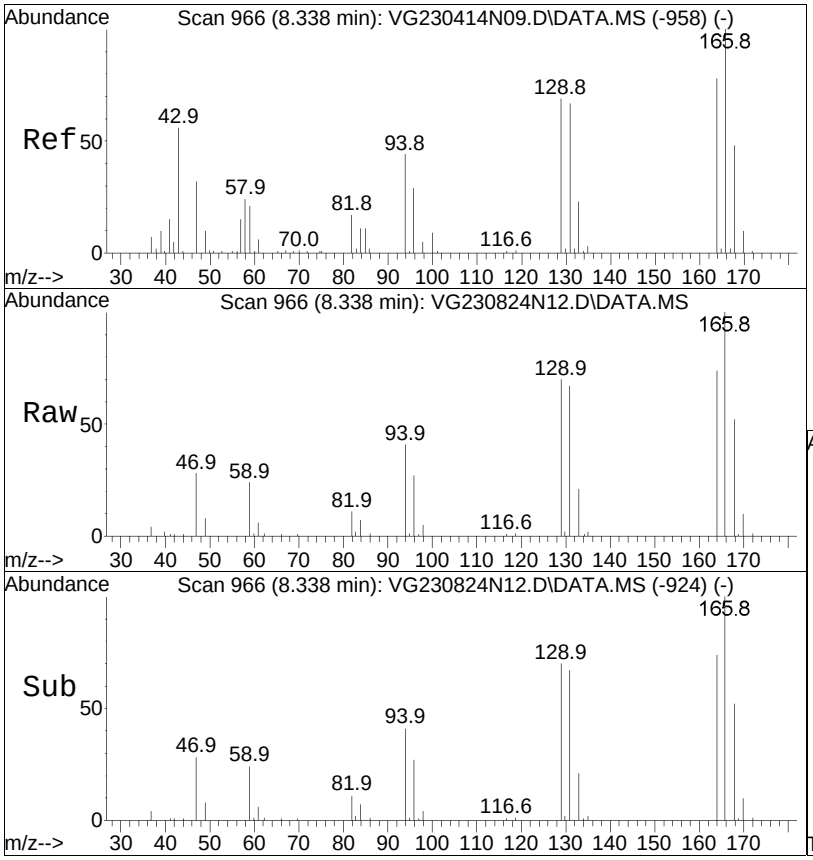


#48
Trichloroethene
Concen: 5.22 ug/L
RT: 6.314 min Scan# 689
Delta R.T. 0.000 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion: 95 Resp: 75796

Ion	Ratio	Lower	Upper
95	100		
97	65.5	54.0	81.0
130	103.3	85.0	127.4

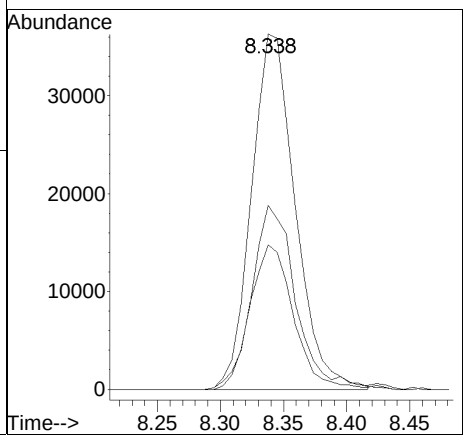




#63
Tetrachloroethene
Concen: 6.08 ug/L
RT: 8.338 min Scan# 966
Delta R.T. -0.000 min
Lab File: VG230824N12.D
Acq: 24 Aug 2023 10:35 pm

Tgt Ion:166 Resp: 87596

Ion	Ratio	Lower	Upper
166	100		
168	51.3	27.3	67.3
94	40.7	20.5	60.5



Manual Integration Report

Data Path	: K:\Gonzo\2023\230824N\	QMethod	: G_230726N_8260.m
Data File	: VG230824N12.D	Operator	: GONZO:MJV
Date Inj'd	: 8/24/2023 10:35 pm	Instrument	: Gonzo
Sample	: L2348770-03,31,10,10,,A	Quant Date	: 8/25/2023 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N13.D
Acq On : 24 Aug 2023 10:59 pm
Operator : GONZO:MJV
Sample : L2348770-04D,31,5.0,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 25 06:15:26 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	526300	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery =	86.06%		
59) Chlorobenzene-d5	9.686	117	474871	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery =	85.79%		
79) 1,4-Dichlorobenzene-d4	12.360	152	282324	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery =	84.78%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	154083	11.410	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	114.10%		
43) 1,2-Dichloroethane-d4	5.858	65	204364	11.883	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	118.83%		
60) Toluene-d8	7.836	98	569336	9.450	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.50%		
83) 4-Bromofluorobenzene	11.167	95	232983	9.102	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	91.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.490	85	557	N.D.		
3) Chloromethane	1.915	50	804	N.D.		
4) Vinyl chloride	1.976	62	92818	6.091	ug/L	92
5) Bromomethane	0.000		0	N.D.	d	
6) Chloroethane	2.280	64	115	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.047	96	942	0.087	ug/L #	19
11) Carbon disulfide	0.000		0	N.D.	d	
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.632	84	81	N.D.		
17) Acetone	3.685	43	2081	0.430	ug/L #	61
18) trans-1,2-Dichloroethene	3.777	96	12601	1.091	ug/L #	70
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.	d	
23) 1,1-Dichloroethane	4.362	63	133	N.D.		
28) cis-1,2-Dichloroethene	4.886	96	1314612	98.315	ug/L #	67
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	5.159	83	1040	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N13.D
Acq On : 24 Aug 2023 10:59 pm
Operator : GONZO:MJV
Sample : L2348770-04D,31,5.0,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 25 06:15:26 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.357	97	829	N.D.		
39) 2-Butanone	5.425	43	99	N.D.		
41) Benzene	5.729	78	384	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D. d		
47) Methyl cyclohexane	0.000		0	N.D. d		
48) Trichloroethene	6.314	95	253253	16.991	ug/L	97
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.901	92	233	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D. d		
63) Tetrachloroethene	8.338	166	1168004	81.108	ug/L	96
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D. d		
69) Chlorodibromomethane	8.789	129	74	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.312	43	243	N.D.		
73) Chlorobenzene	9.719	112	222	N.D.		
74) Ethylbenzene	9.769	91	417	N.D.		
76) p/m Xylene	9.950	106	85	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.871	105	108	N.D.		
87) 1,1,2,2-Tetrachloroethane	11.167	83	95	N.D.		
100) 1,3-Dichlorobenzene	12.352	146	78	N.D.		
101) 1,4-Dichlorobenzene	12.376	146	104	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.235	180	223	N.D.		
111) 1,2,3-Trichlorobenzene	14.671	180	90	N.D.		

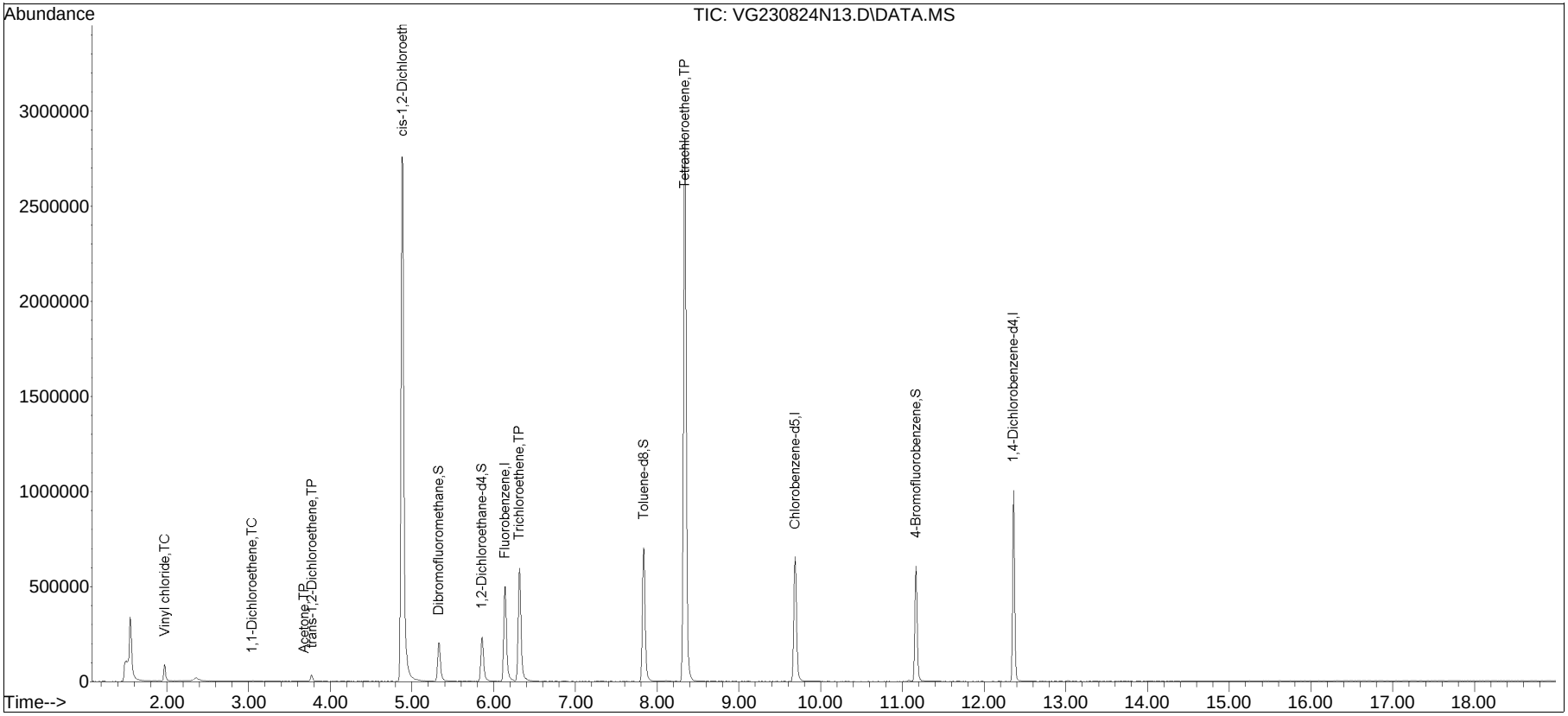
(#) = qualifier out of range (m) = manual integration (+) = signals summed

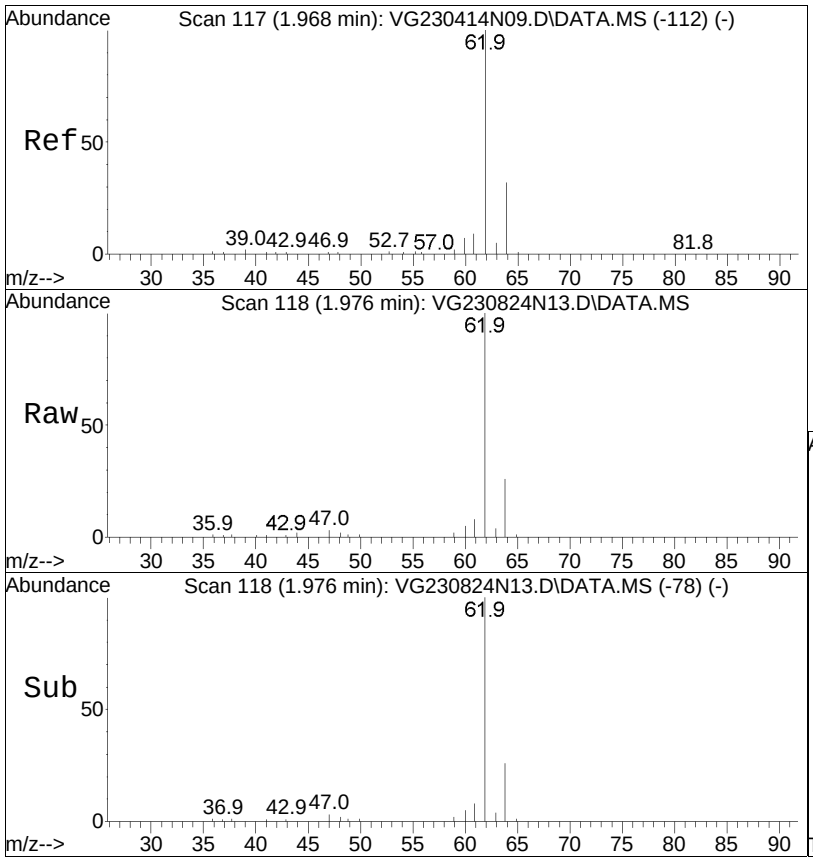
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N13.D
Acq On : 24 Aug 2023 10:59 pm
Operator : GONZO:MJV
Sample : L2348770-04D,31,5.0,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 25 06:15:26 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

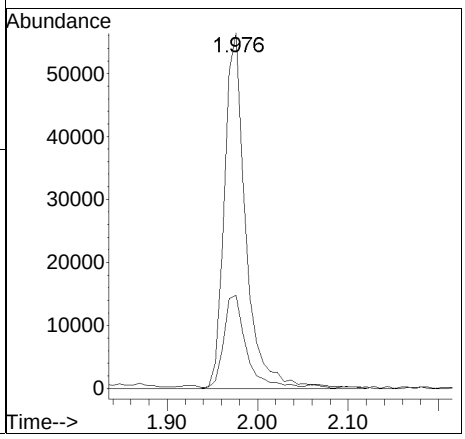


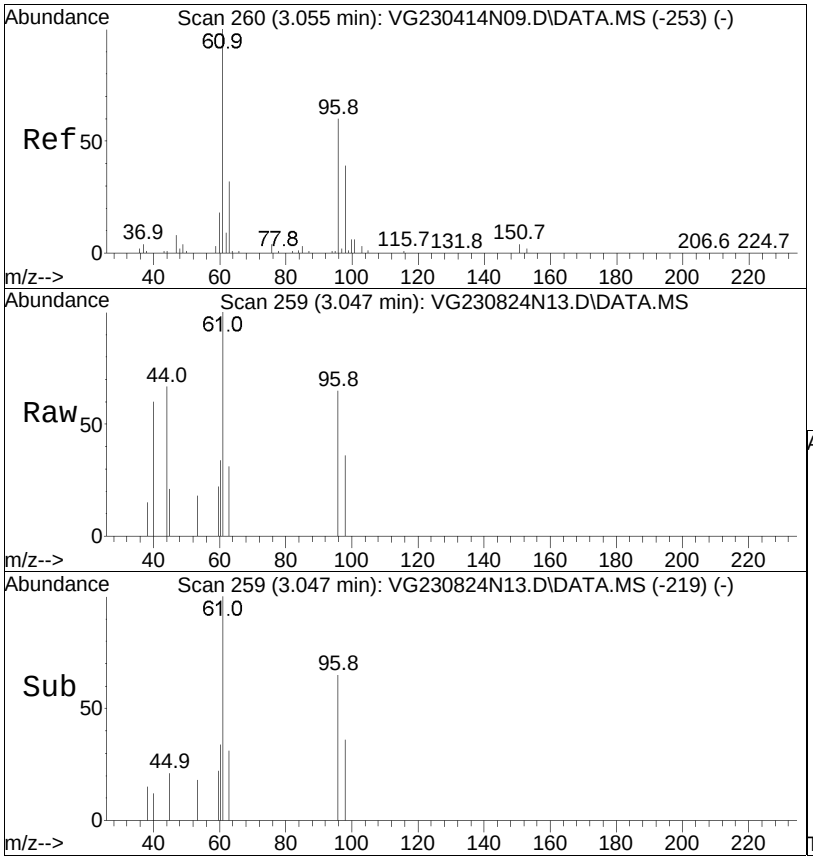


#4
Vinyl chloride
Concen: 6.09 ug/L
RT: 1.976 min Scan# 118
Delta R.T. 0.007 min
Lab File: VG230824N13.D
Acq: 24 Aug 2023 10:59 pm

Tgt Ion: 62 Resp: 92818

Ion	Ratio	Lower	Upper
62	100		
64	27.0	11.3	51.3

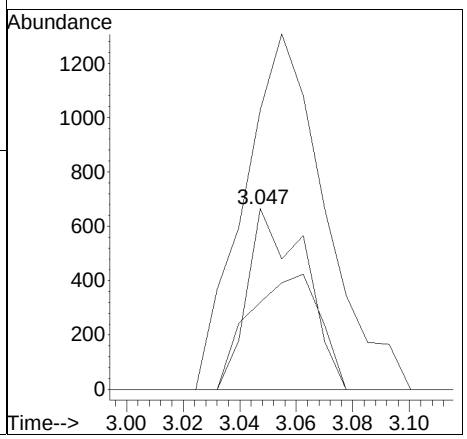


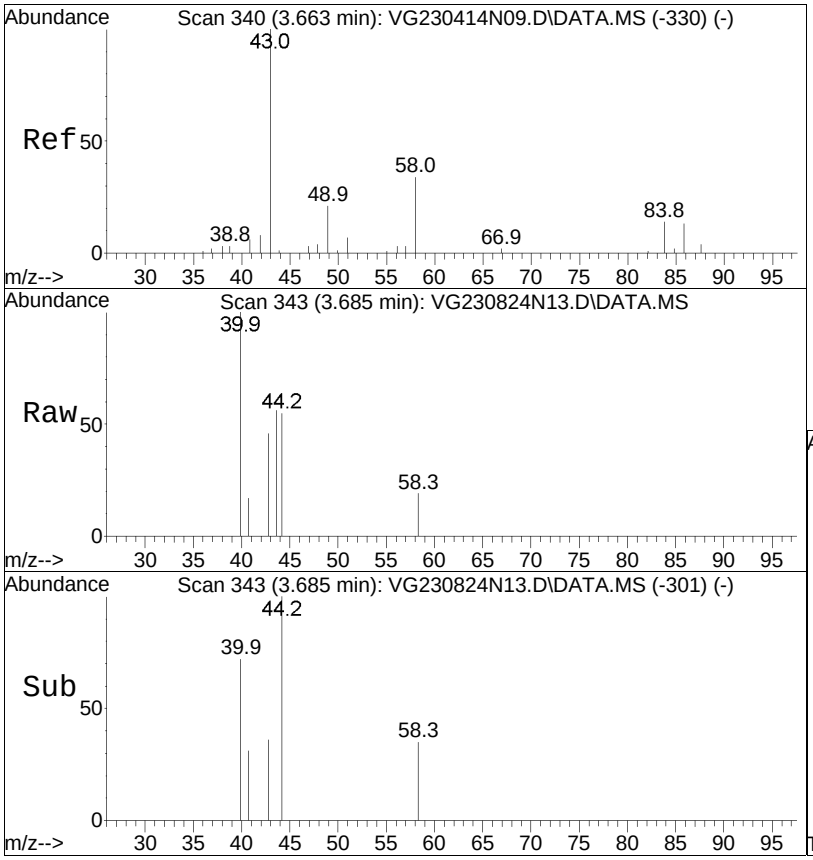


#10
1,1-Dichloroethene
Concen: 0.09 ug/L
RT: 3.047 min Scan# 259
Delta R.T. 0.000 min
Lab File: VG230824N13.D
Acq: 24 Aug 2023 10:59 pm

Tgt Ion: 96 Resp: 942

Ion	Ratio	Lower	Upper
96	100		
61	277.3	124.2	186.4#
63	78.2	40.0	60.0#

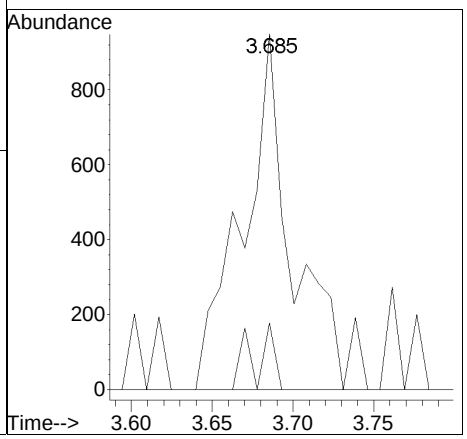


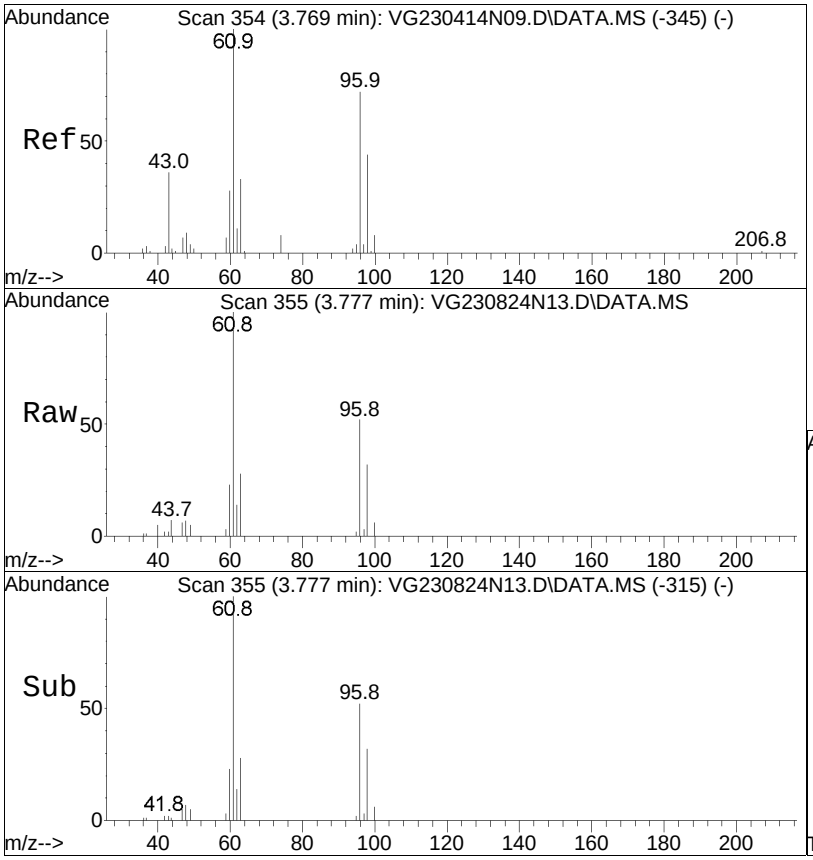


#17
Acetone
Concen: 0.43 ug/L
RT: 3.685 min Scan# 343
Delta R.T. 0.022 min
Lab File: VG230824N13.D
Acq: 24 Aug 2023 10:59 pm

Tgt Ion: 43 Resp: 2081

Ion	Ratio	Lower	Upper
43	100		
58	7.5	22.2	33.4#

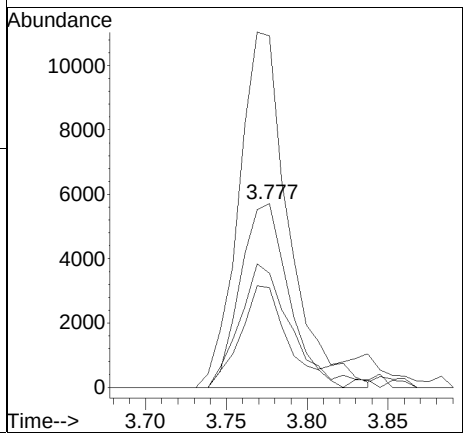


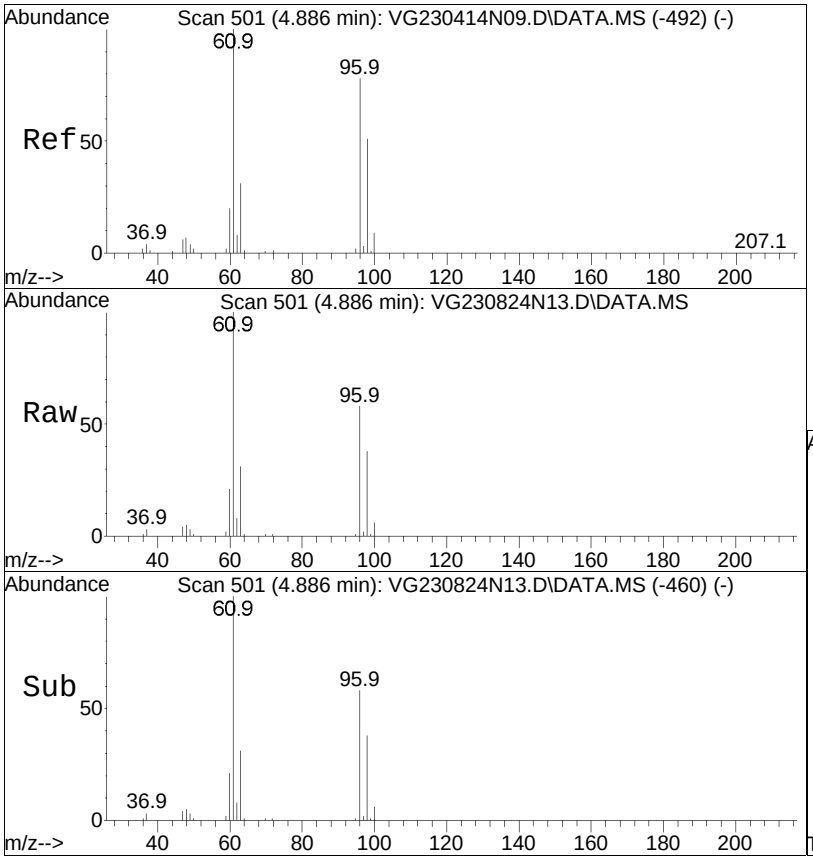


#18
trans-1,2-Dichloroethene
Concen: 1.09 ug/L
RT: 3.777 min Scan# 355
Delta R.T. 0.008 min
Lab File: VG230824N13.D
Acq: 24 Aug 2023 10:59 pm

Tgt Ion: 96 Resp: 12601

Ion	Ratio	Lower	Upper
96	100		
61	185.8	85.7	178.1#
98	68.1	40.2	83.4
63	50.9	28.0	58.2

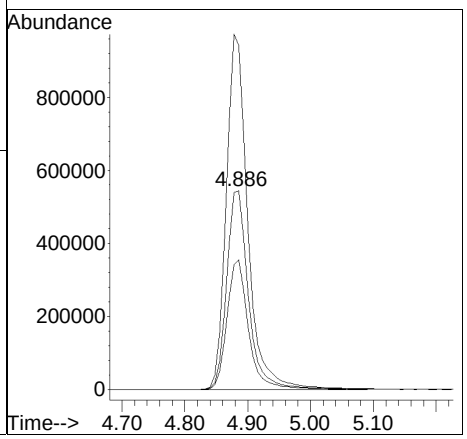


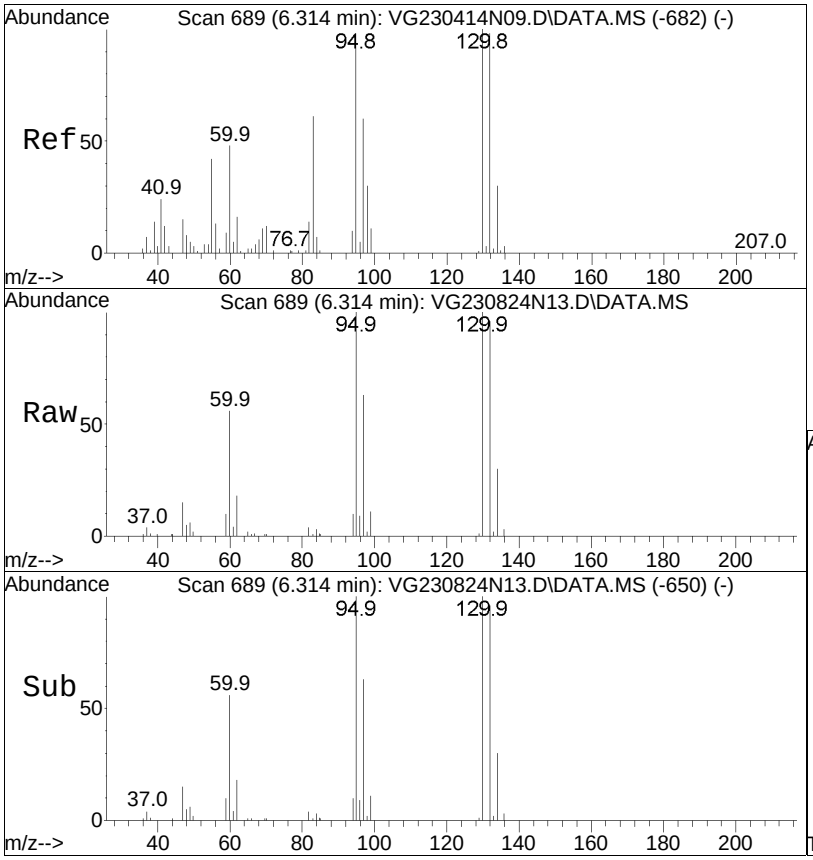


#28
cis-1,2-Dichloroethene
Concen: 98.31 ug/L
RT: 4.886 min Scan# 501
Delta R.T. 0.008 min
Lab File: VG230824N13.D
Acq: 24 Aug 2023 10:59 pm

Tgt Ion: 96 Resp: 1314612

Ion	Ratio	Lower	Upper
96	100		
61	176.6	96.6	144.8#
98	64.2	51.3	76.9

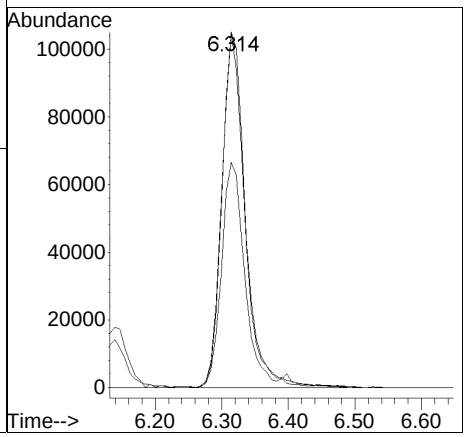


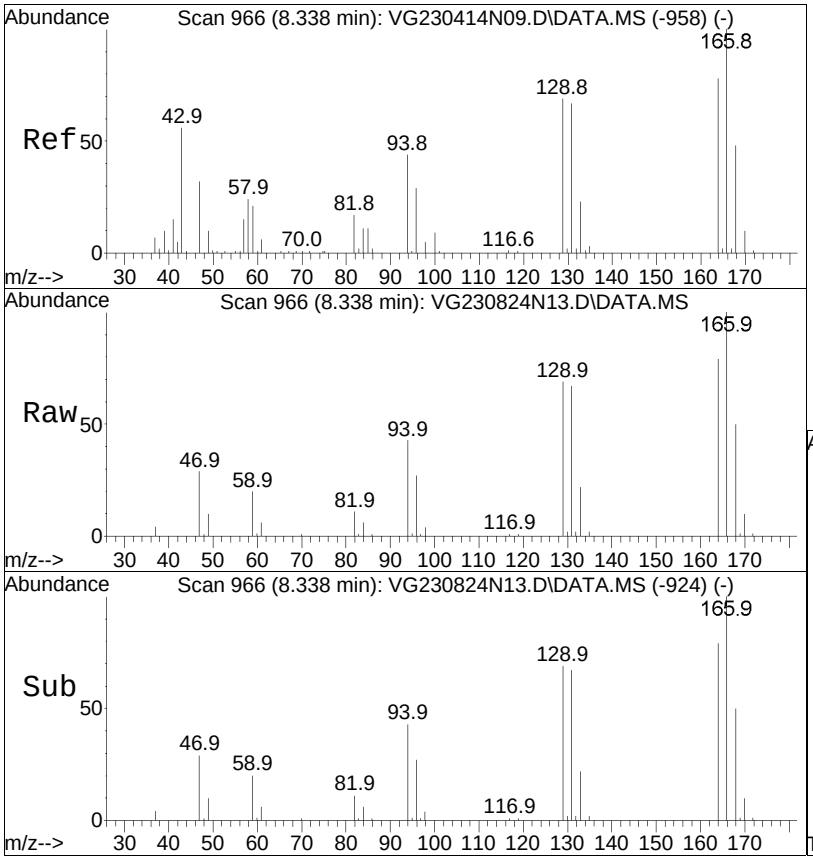


#48
Trichloroethene
Concen: 16.99 ug/L
RT: 6.314 min Scan# 689
Delta R.T. 0.000 min
Lab File: VG230824N13.D
Acq: 24 Aug 2023 10:59 pm

Tgt Ion: 95 Resp: 253253

Ion	Ratio	Lower	Upper
95	100		
97	64.9	54.0	81.0
130	102.7	85.0	127.4

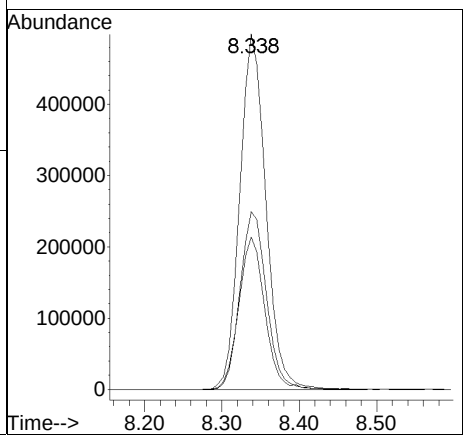




#63
Tetrachloroethene
Concen: 81.11 ug/L
RT: 8.338 min Scan# 966
Delta R.T. -0.000 min
Lab File: VG230824N13.D
Acq: 24 Aug 2023 10:59 pm

Tgt Ion:166 Resp: 1168004

Ion	Ratio	Lower	Upper
166	100		
168	50.7	27.3	67.3
94	42.8	20.5	60.5



Manual Integration Report

Data Path	: K:\Gonzo\2023\230824N\	QMethod	: G_230726N_8260.m
Data File	: VG230824N13.D	Operator	: GONZO:MJV
Date Inj'd	: 8/24/2023 10:59 pm	Instrument	: Gonzo
Sample	: L2348770-04D,31,5.0,10,,A	Quant Date	: 8/25/2023 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N14.D
Acq On : 24 Aug 2023 11:22 pm
Operator : GONZO:MJV
Sample : L2348770-05D,31,0.5,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 25 06:16:02 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	519940	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery =	85.02%		
59) Chlorobenzene-d5	9.686	117	470699	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery =	85.03%		
79) 1,4-Dichlorobenzene-d4	12.360	152	283318	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery =	85.08%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	153583	11.512	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	115.12%		
43) 1,2-Dichloroethane-d4	5.858	65	206518	12.155	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	121.55%		
60) Toluene-d8	7.836	98	565839	9.475	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.75%		
83) 4-Bromofluorobenzene	11.167	95	231505	9.012	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	90.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	1.976	62	266403	17.697	ug/L	96
5) Bromomethane	2.333	94	104	N.D.		
6) Chloroethane	2.310	64	234	N.D.		
7) Trichlorofluoromethane	2.364	101	75	N.D.		
10) 1,1-Dichloroethene	3.047	96	3218	0.302	ug/L #	49
11) Carbon disulfide	0.000		0	N.D. d		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.625	84	72	N.D.		
17) Acetone	3.678	43	1529	0.320	ug/L #	85
18) trans-1,2-Dichloroethene	3.769	96	12020	1.053	ug/L	79
19) Methyl acetate	3.792	43	346	N.D.		
20) Methyl tert-butyl ether	3.997	73	71	N.D.		
23) 1,1-Dichloroethane	4.377	63	9648	0.388	ug/L	98
28) cis-1,2-Dichloroethene	4.878	96	1671167	126.509	ug/L #	66
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.083	56	210	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N14.D
Acq On : 24 Aug 2023 11:22 pm
Operator : GONZO:MJV
Sample : L2348770-05D,31,0.5,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 25 06:16:02 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.357	97	1016	N.D.		
39) 2-Butanone	5.425	43	68	N.D.		
41) Benzene	5.729	78	956	N.D.		
44) 1,2-Dichloroethane	5.942	62	340	N.D.		
47) Methyl cyclohexane	0.000		0	N.D. d		
48) Trichloroethene	6.314	95	252707	17.162	ug/L	96
51) 1,2-Dichloropropane	6.694	63	80	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.887	92	552	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	8.338	166	618307	43.317	ug/L	96
65) trans-1,3-Dichloropropene	0.000		0	N.D. d		
68) 1,1,2-Trichloroethane	0.000		0	N.D. d		
69) Chlorodibromomethane	0.000		0	N.D. d		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.312	43	73	N.D.		
73) Chlorobenzene	9.719	112	105	N.D.		
74) Ethylbenzene	9.958	91	504	N.D.		
76) p/m Xylene	9.950	106	160	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	10.616	104	98	N.D.		
80) Bromoform	10.361	173	74	N.D.		
82) Isopropylbenzene	10.863	105	426	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.368	146	75	N.D.		
101) 1,4-Dichlorobenzene	12.368	146	75	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

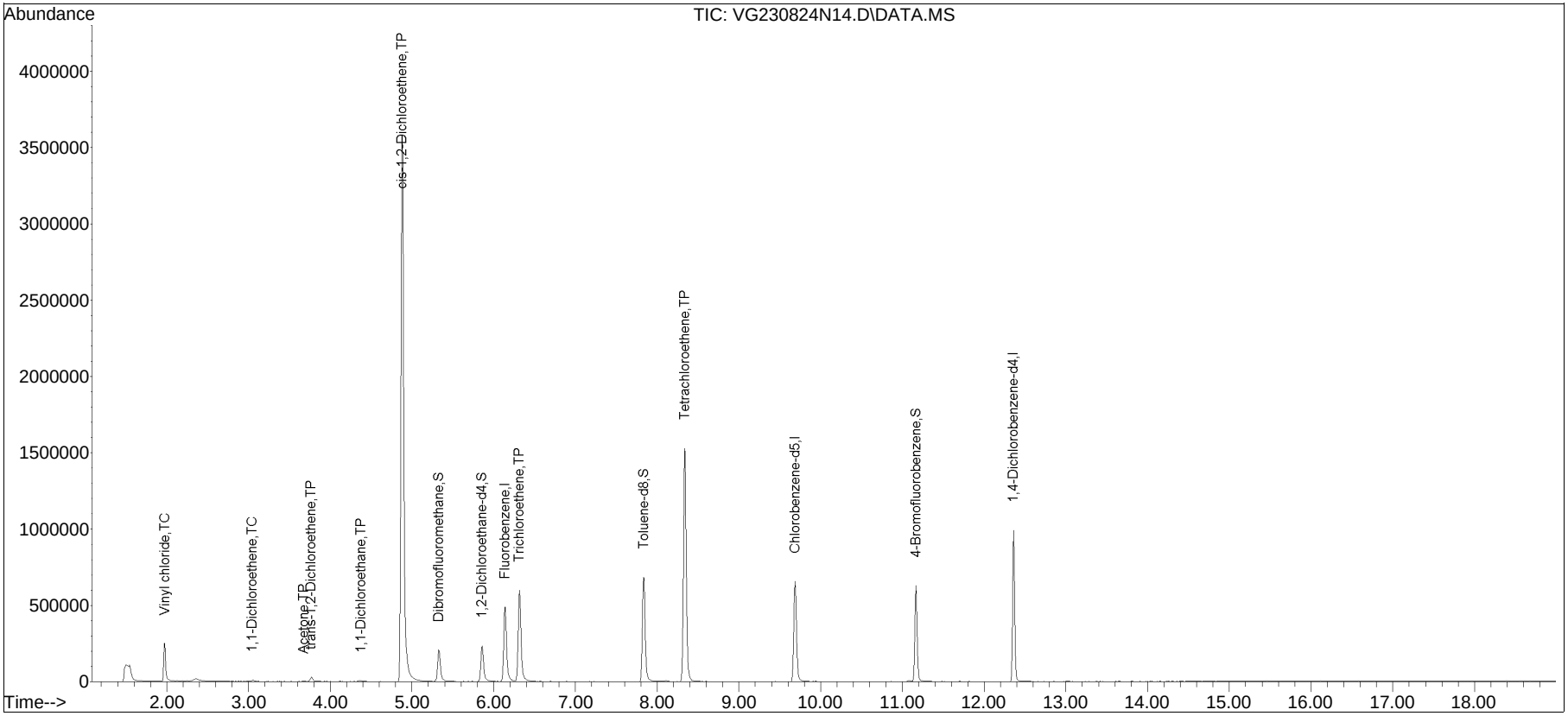
(#) = qualifier out of range (m) = manual integration (+) = signals summed

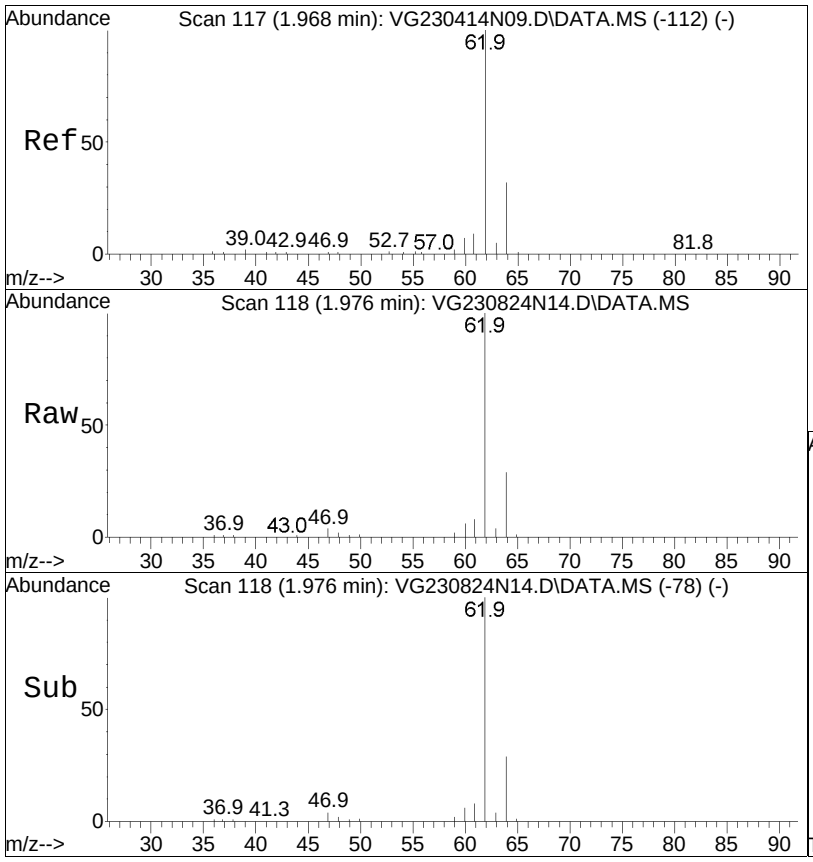
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N14.D
Acq On : 24 Aug 2023 11:22 pm
Operator : GONZO:MJV
Sample : L2348770-05D,31,0.5,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 25 06:16:02 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

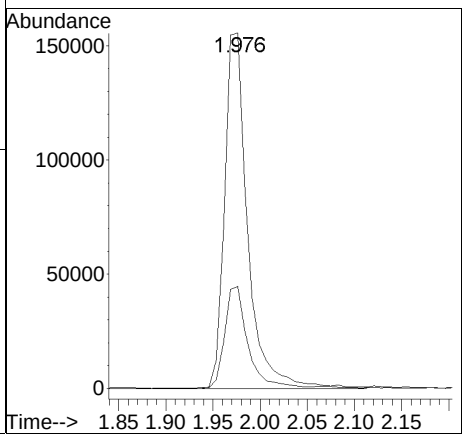


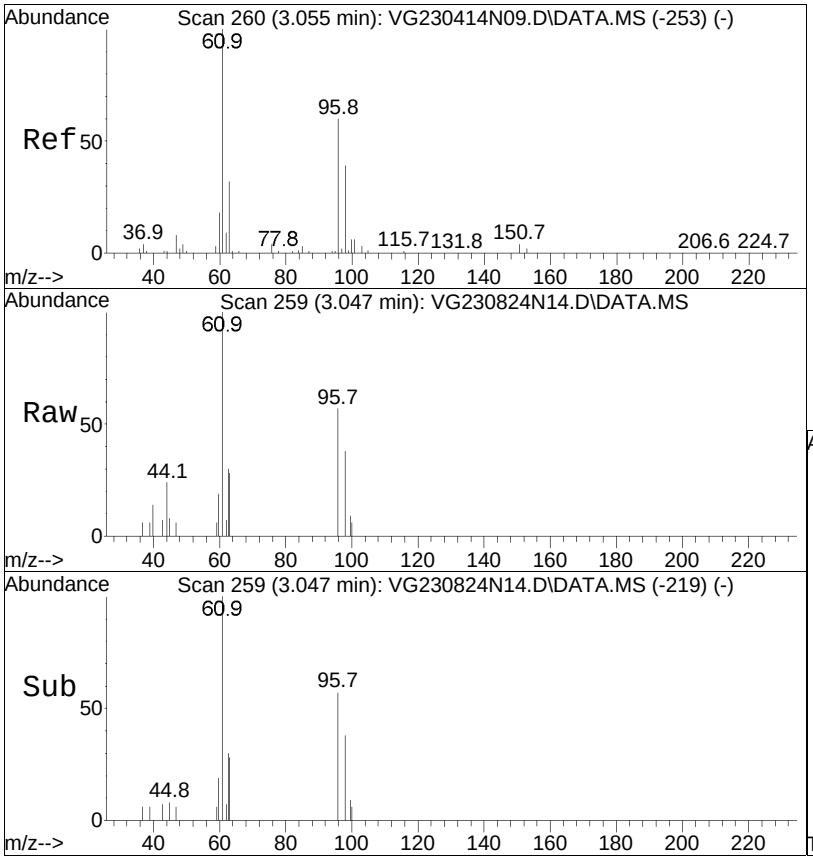


#4
Vinyl chloride
Concen: 17.70 ug/L
RT: 1.976 min Scan# 118
Delta R.T. 0.007 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion: 62 Resp: 266403

Ion	Ratio	Lower	Upper
62	100		
64	29.0	11.3	51.3

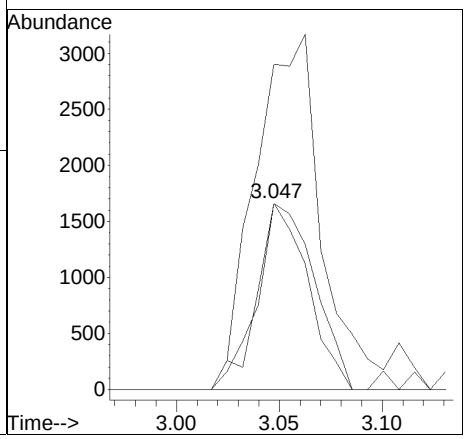


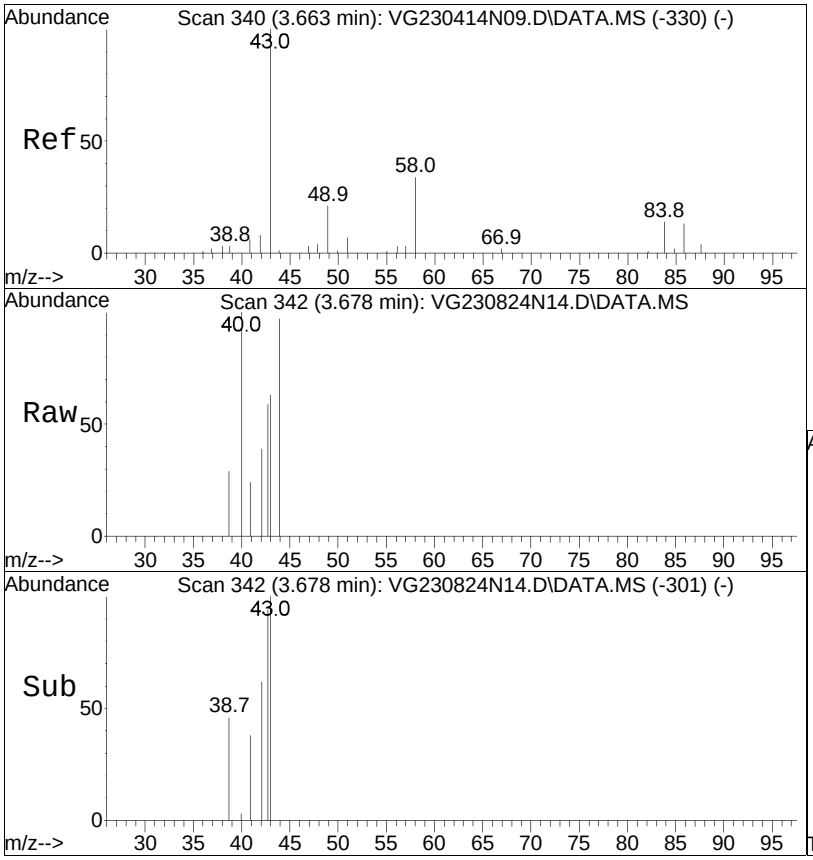


#10
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 3.047 min Scan# 259
Delta R.T. 0.000 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion: 96 Resp: 3218

Ion	Ratio	Lower	Upper
96	100		
61	219.9	124.2	186.4#
63	88.5	40.0	60.0#

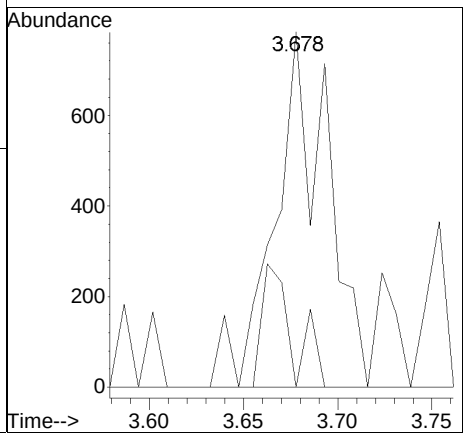


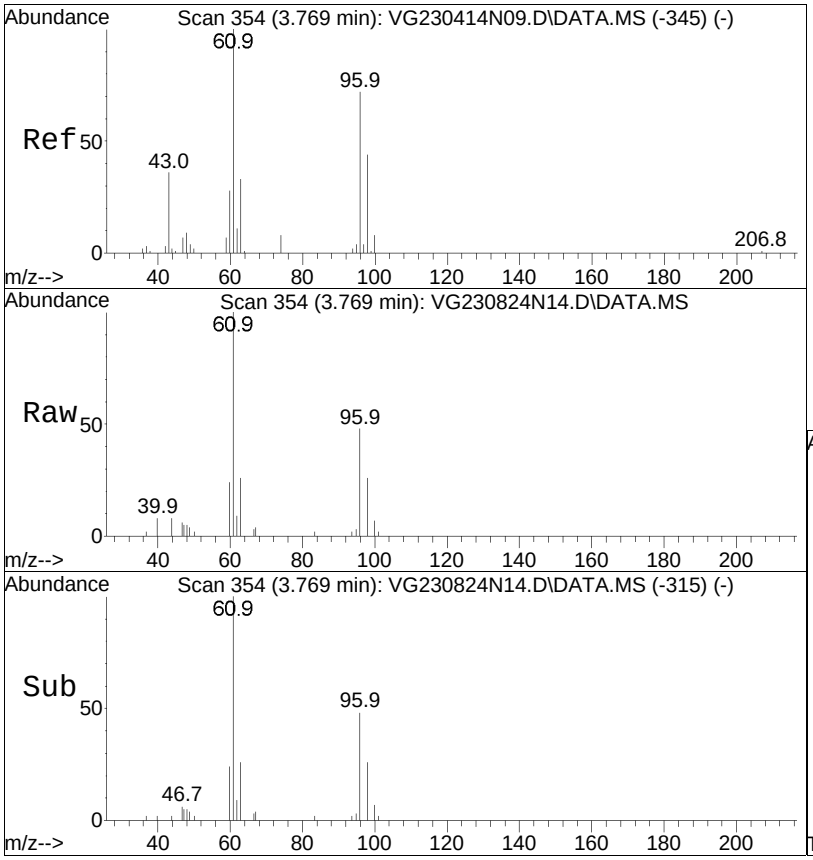


#17
Acetone
Concen: 0.32 ug/L
RT: 3.678 min Scan# 342
Delta R.T. 0.015 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion: 43 Resp: 1529

Ion	Ratio	Lower	Upper
43	100		
58	20.1	22.2	33.4#

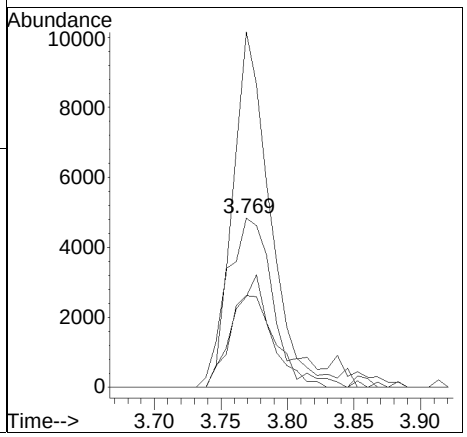


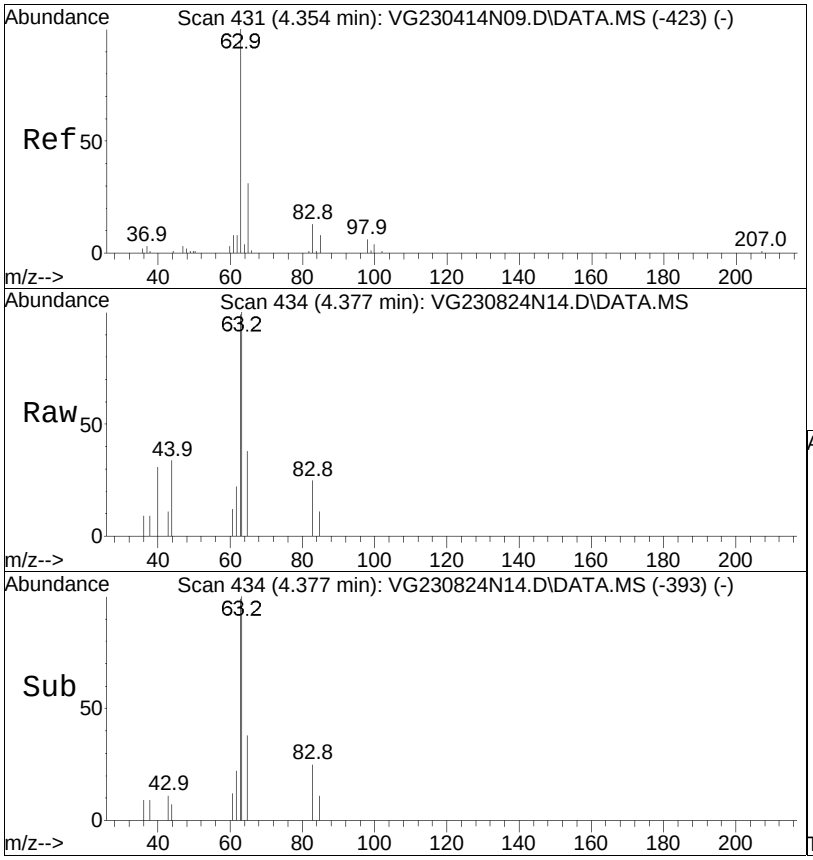


#18
trans-1,2-Dichloroethene
Concen: 1.05 ug/L
RT: 3.769 min Scan# 354
Delta R.T. 0.000 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion: 96 Resp: 12020

Ion	Ratio	Lower	Upper
96	100		
61	167.9	85.7	178.1
98	57.2	40.2	83.4
63	50.8	28.0	58.2

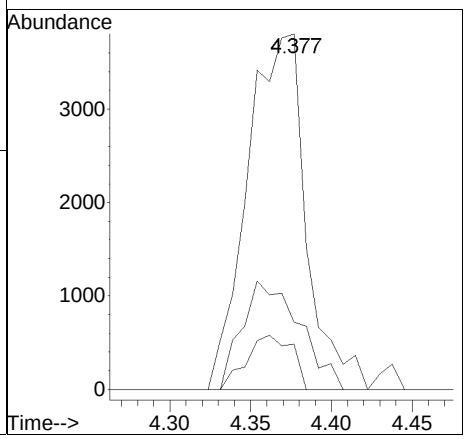


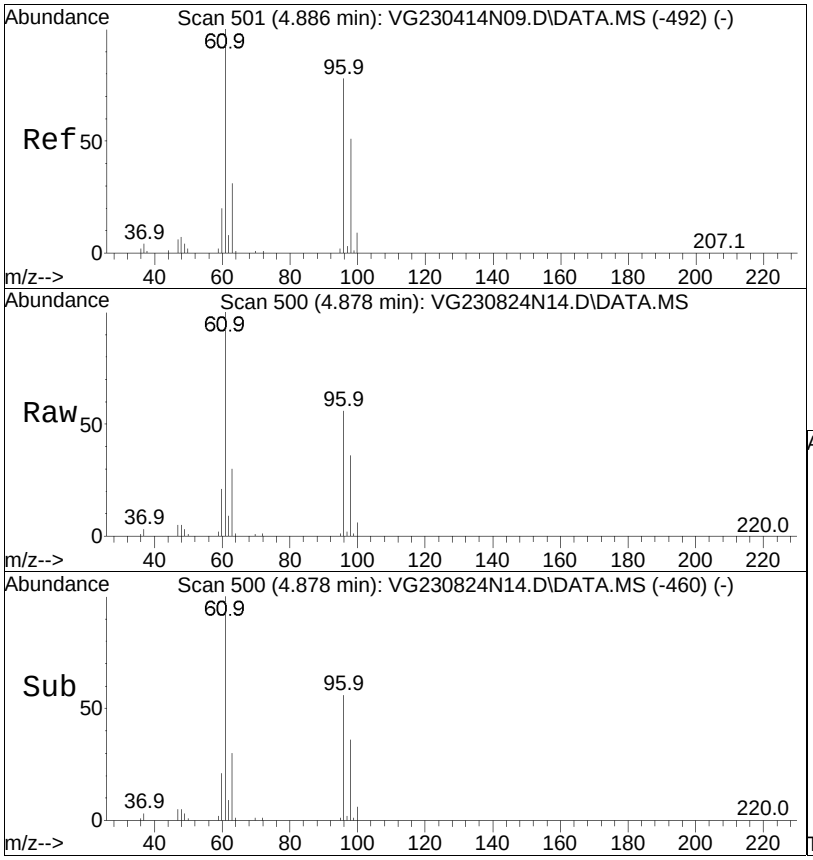


#23
1,1-Dichloroethane
Concen: 0.39 ug/L
RT: 4.377 min Scan# 434
Delta R.T. 0.015 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion: 63 Resp: 9648

Ion	Ratio	Lower	Upper
63	100		
65	29.8	10.4	50.4
83	11.8	0.0	33.2

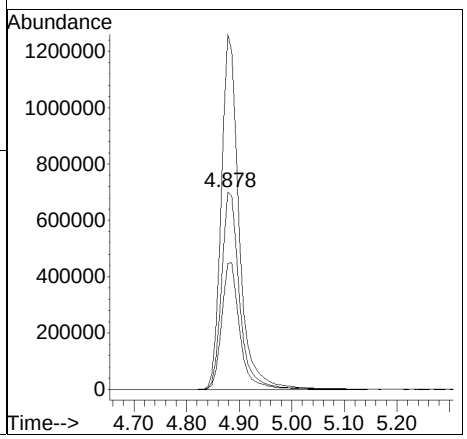


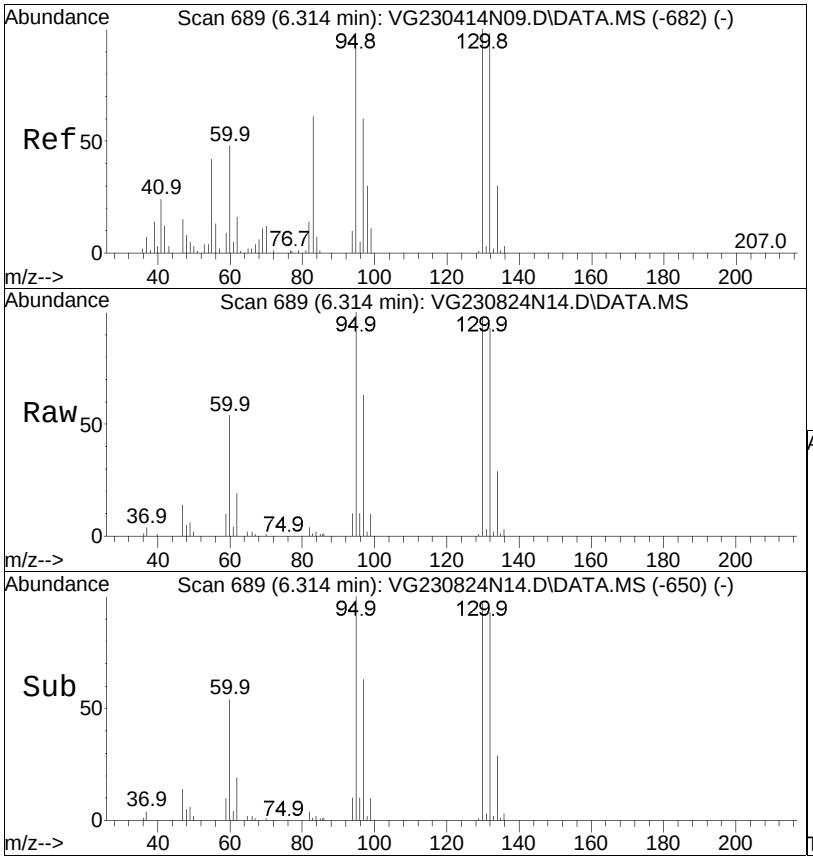


#28
cis-1,2-Dichloroethene
Concen: 126.51 ug/L
RT: 4.878 min Scan# 500
Delta R.T. 0.000 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion: 96 Resp: 1671167

Ion	Ratio	Lower	Upper
96	100		
61	177.8	96.6	144.8#
98	64.7	51.3	76.9

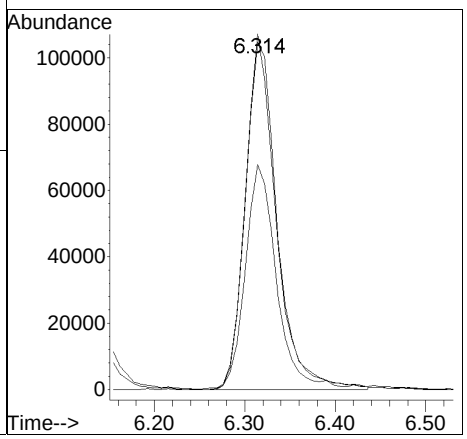


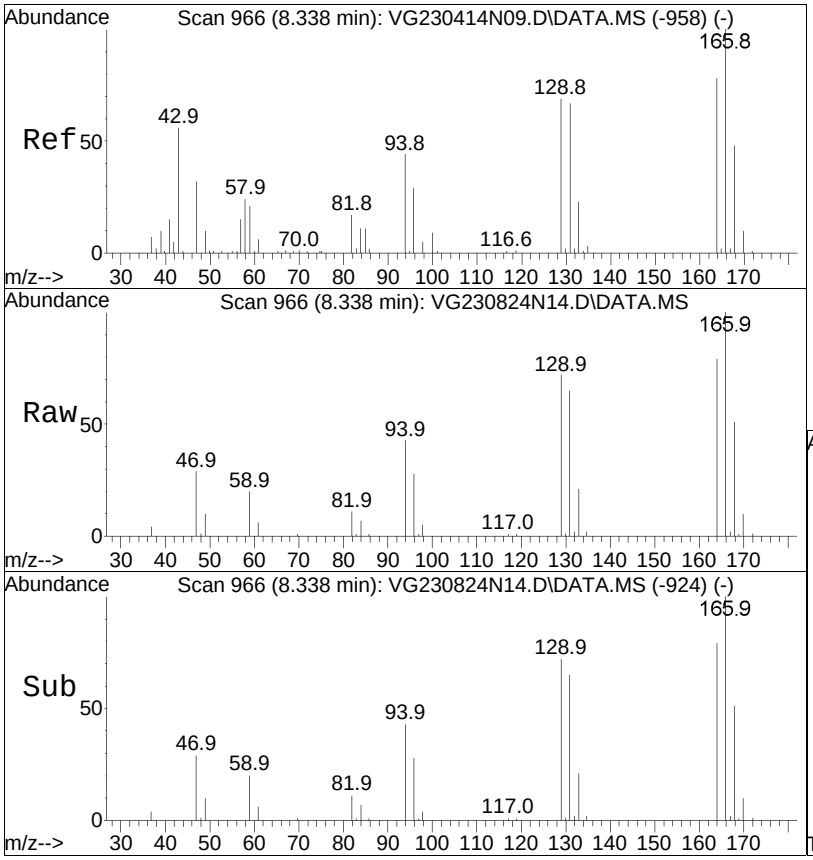


#48
Trichloroethene
Concen: 17.16 ug/L
RT: 6.314 min Scan# 689
Delta R.T. 0.000 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion: 95 Resp: 252707

Ion	Ratio	Lower	Upper
95	100		
97	64.1	54.0	81.0
130	101.8	85.0	127.4

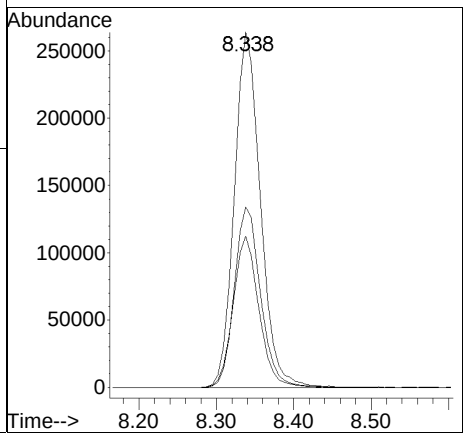




#63
Tetrachloroethene
Concen: 43.32 ug/L
RT: 8.338 min Scan# 966
Delta R.T. -0.000 min
Lab File: VG230824N14.D
Acq: 24 Aug 2023 11:22 pm

Tgt Ion:166 Resp: 618307

Ion	Ratio	Lower	Upper
166	100		
168	51.0	27.3	67.3
94	42.0	20.5	60.5



Manual Integration Report

Data Path	: K:\Gonzo\2023\230824N\	QMethod	: G_230726N_8260.m
Data File	: VG230824N14.D	Operator	: GONZO:MJV
Date Inj'd	: 8/24/2023 11:22 pm	Instrument	: Gonzo
Sample	: L2348770-05D,31,0.5,10,,A	Quant Date	: 8/25/2023 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N15.D
Acq On : 24 Aug 2023 11:46 pm
Operator : GONZO:MJV
Sample : L2348770-07,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 25 06:16:35 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	494284	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery = 80.83%			
59) Chlorobenzene-d5	9.686	117	449204	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery = 81.15%			
79) 1,4-Dichlorobenzene-d4	12.360	152	273380	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery = 82.10%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.327	113	144760	11.414	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 114.14%			
43) 1,2-Dichloroethane-d4	5.858	65	201205	12.457	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 124.57%			
60) Toluene-d8	7.836	98	550184	9.654	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.54%			
83) 4-Bromofluorobenzene	11.167	95	224752	9.067	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 90.67%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D. d		
3) Chloromethane	1.908	50	446	N.D.		
4) Vinyl chloride	1.969	62	16487	1.152	ug/L	98
5) Bromomethane	2.288	94	538	0.074	ug/L #	26
6) Chloroethane	2.348	64	83	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	3.055	96	751	0.074	ug/L #	67
11) Carbon disulfide	0.000		0	N.D. d		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	0.000		0	N.D.		
17) Acetone	3.678	43	2298	0.506	ug/L #	72
18) trans-1,2-Dichloroethene	3.769	96	3431	0.316	ug/L #	64
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D. d		
28) cis-1,2-Dichloroethene	4.878	96	564682	44.966	ug/L #	68
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	5.121	56	152	N.D.		
32) Chloroform	5.137	83	938	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N15.D
Acq On : 24 Aug 2023 11:46 pm
Operator : GONZO:MJV
Sample : L2348770-07,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 25 06:16:35 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,1,1-Trichloroethane	5.106	97	82	N.D.		
39) 2-Butanone	0.000		0	N.D. d		
41) Benzene	5.729	78	745	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D. d		
47) Methyl cyclohexane	6.329	83	716	N.D.		
48) Trichloroethene	6.314	95	56002	4.001	ug/L	93
51) 1,2-Dichloropropane	0.000		0	N.D. d		
54) Bromodichloromethane	0.000		0	N.D.		
57) 1,4-Dioxane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	8.424	58	70	N.D.		
63) Tetrachloroethene	8.345	166	49756	3.653	ug/L	95
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	8.331	83	590	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	9.326	43	80	N.D.		
73) Chlorobenzene	9.695	112	85	N.D.		
74) Ethylbenzene	9.744	91	368	N.D.		
76) p/m Xylene	10.139	106	115	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	10.649	104	76	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.846	105	184	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	12.376	146	105	N.D.		
101) 1,4-Dichlorobenzene	12.376	146	105	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	14.408	180	110	N.D.		
111) 1,2,3-Trichlorobenzene	14.408	180	110	N.D.		

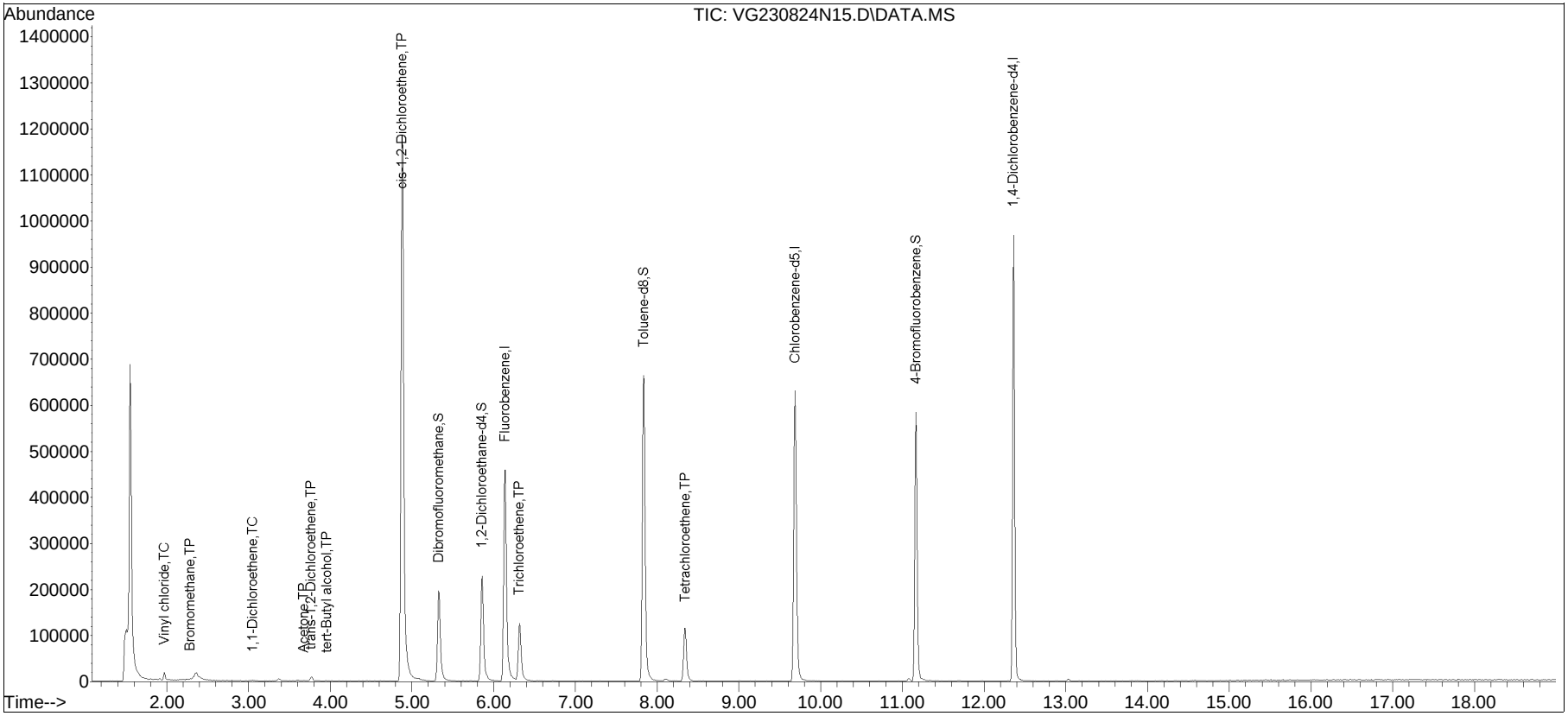
(#) = qualifier out of range (m) = manual integration (+) = signals summed

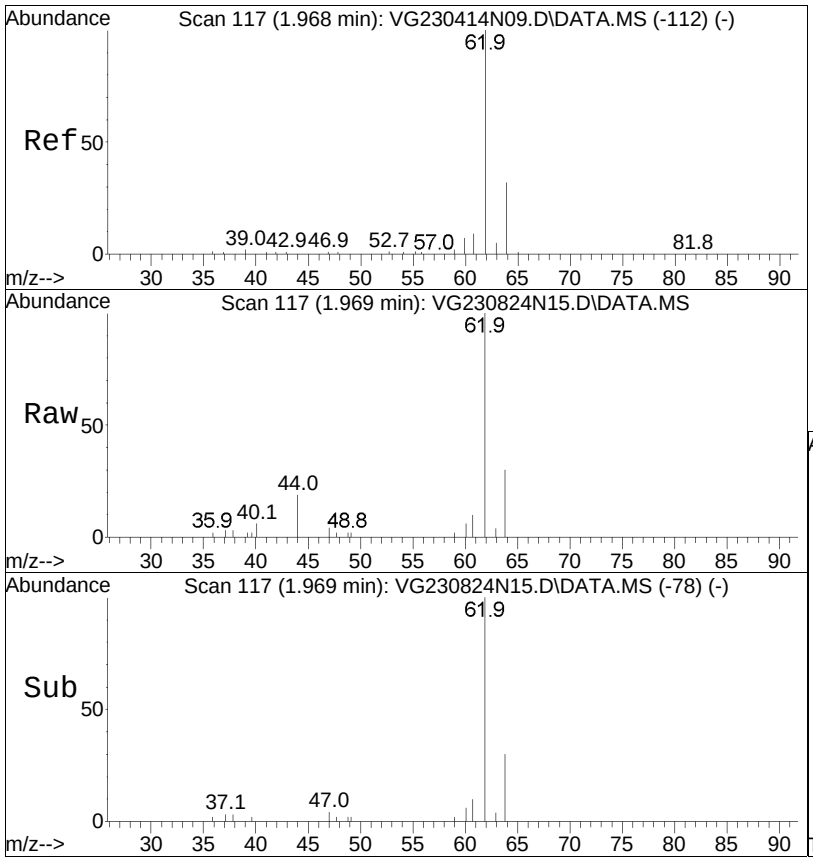
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N15.D
Acq On : 24 Aug 2023 11:46 pm
Operator : GONZO:MJV
Sample : L2348770-07,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 25 06:16:35 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

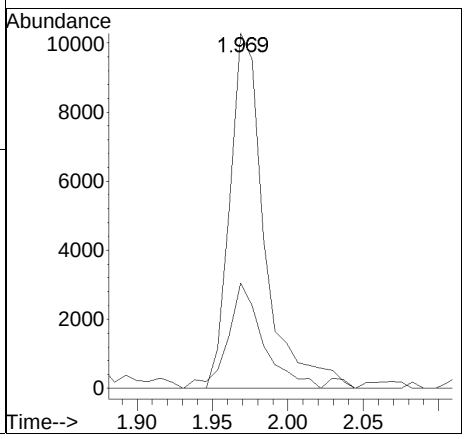


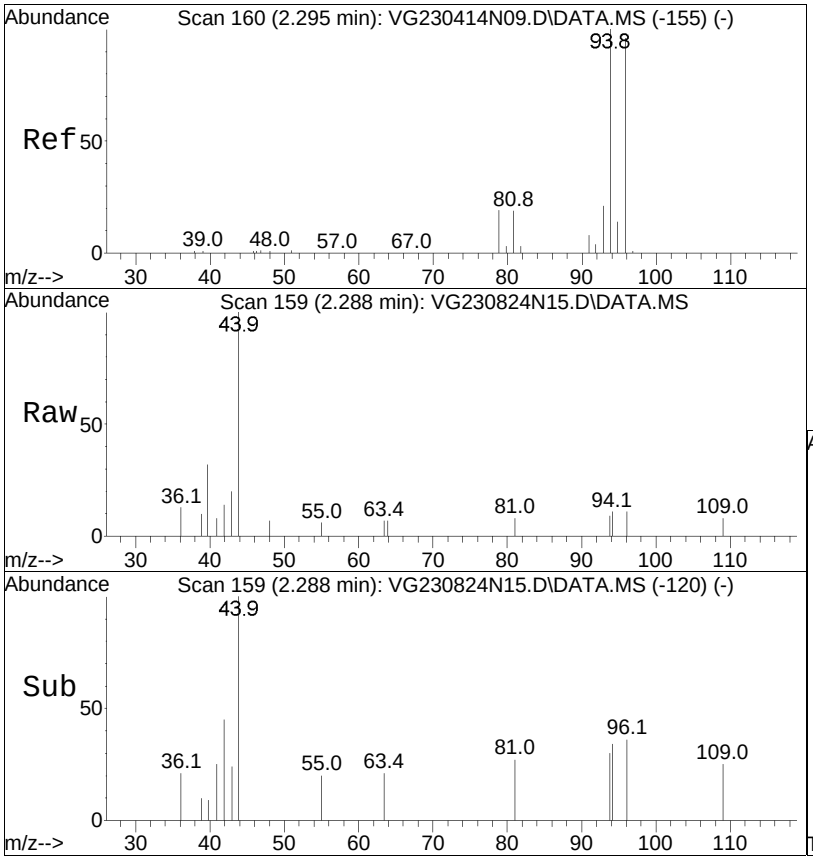


#4
Vinyl chloride
Concen: 1.15 ug/L
RT: 1.969 min Scan# 117
Delta R.T. -0.000 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion: 62 Resp: 16487

Ion	Ratio	Lower	Upper
62	100		
64	30.3	11.3	51.3

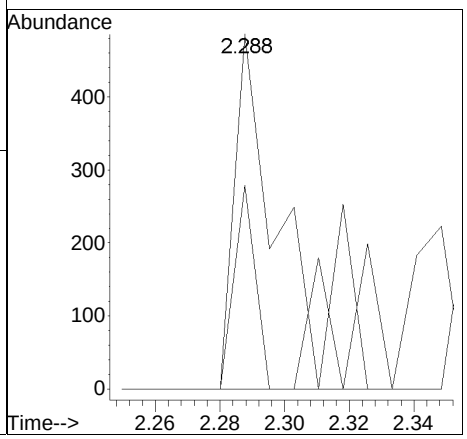


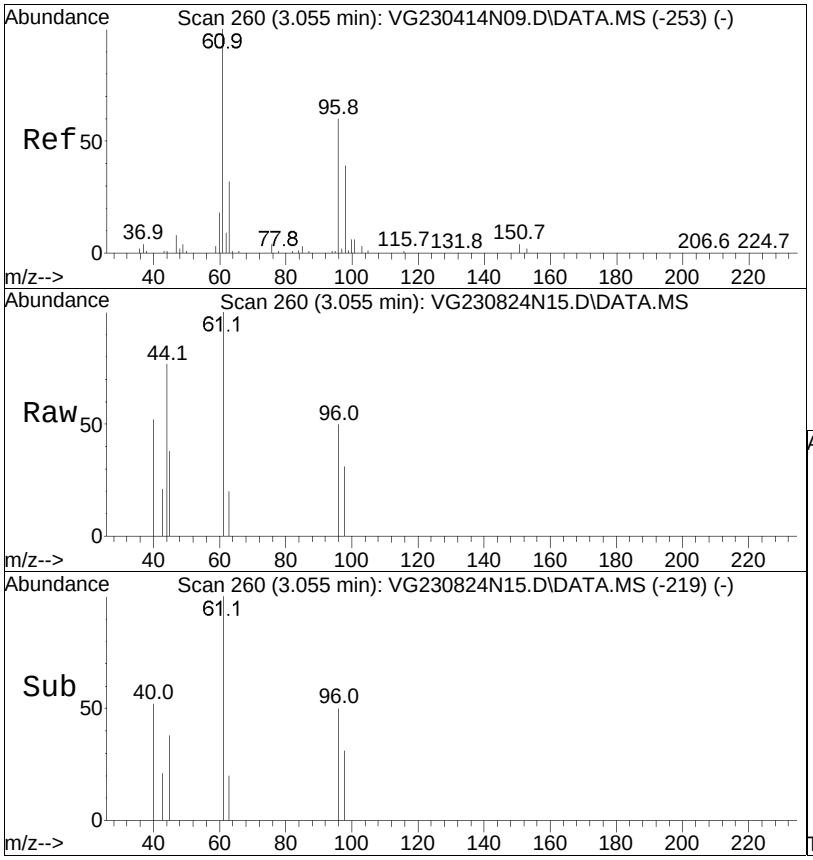


#5
Bromomethane
Concen: 0.07 ug/L
RT: 2.288 min Scan# 159
Delta R.T. -0.000 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion: 94 Resp: 538

Ion	Ratio	Lower	Upper
94	100		
96	23.6	75.2	115.2#

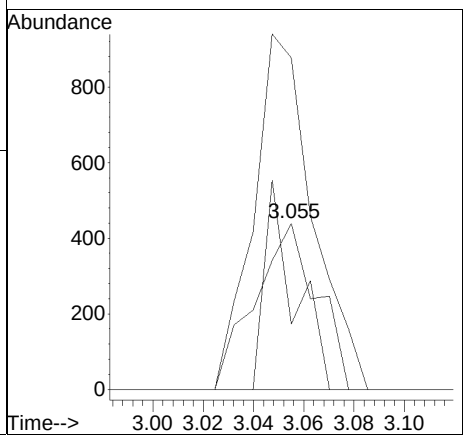


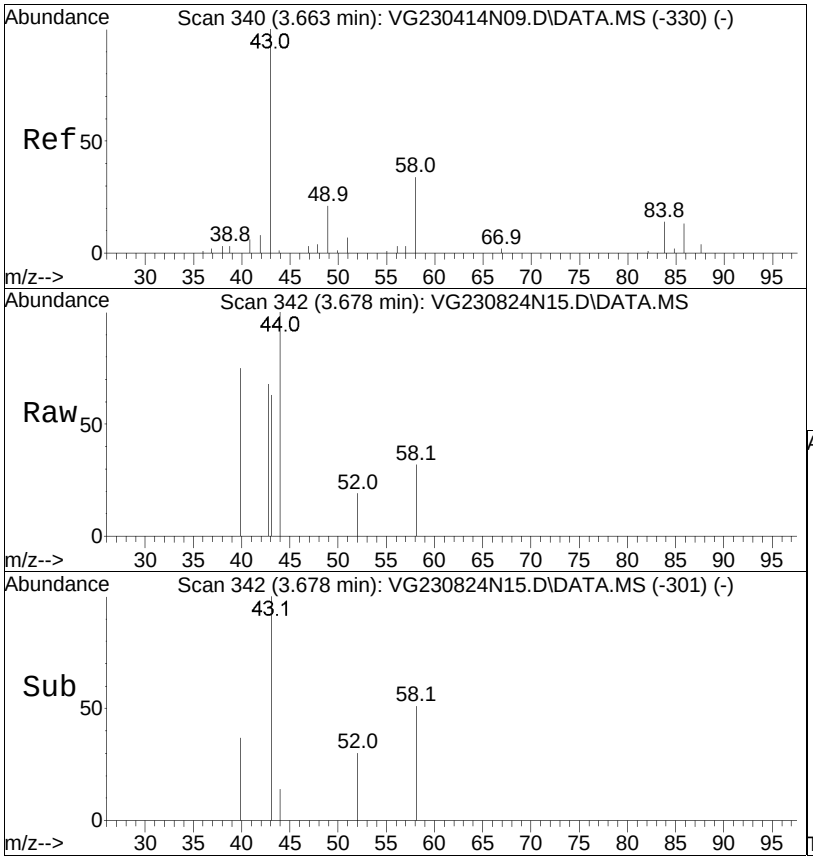


#10
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 3.055 min Scan# 260
Delta R.T. 0.008 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion: 96 Resp: 751

Ion	Ratio	Lower	Upper
96	100		
61	204.8	124.2	186.4#
63	61.5	40.0	60.0#

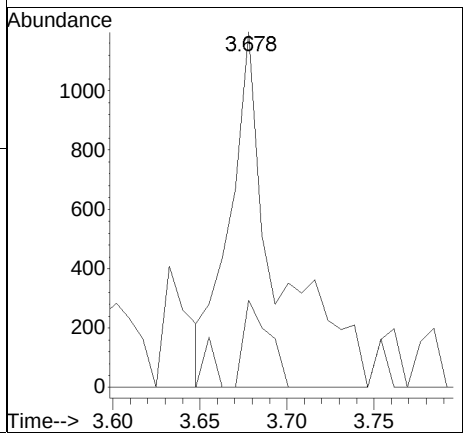


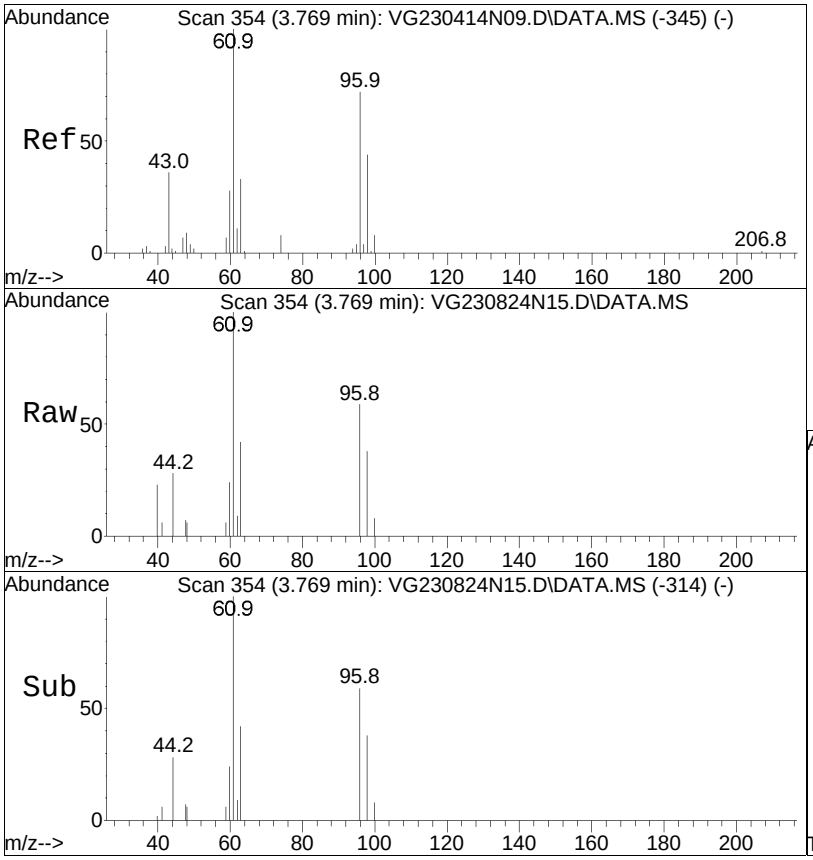


#17
Acetone
Concen: 0.51 ug/L
RT: 3.678 min Scan# 342
Delta R.T. 0.015 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion: 43 Resp: 2298

Ion	Ratio	Lower	Upper
43	100		
58	13.1	22.2	33.4#

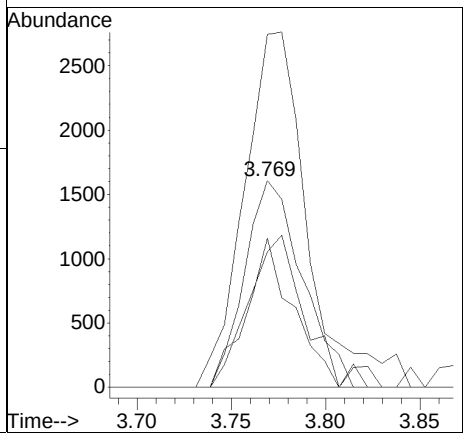


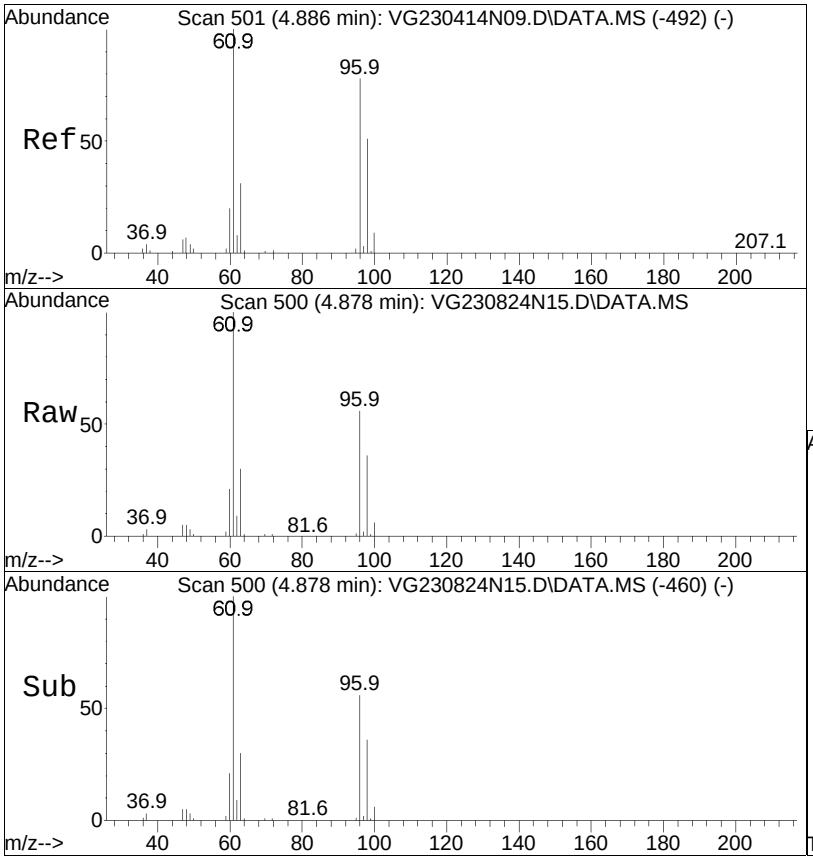


#18
trans-1,2-Dichloroethene
Concen: 0.32 ug/L
RT: 3.769 min Scan# 354
Delta R.T. 0.000 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion: 96 Resp: 3431

Ion	Ratio	Lower	Upper
96	100		
61	189.2	85.7	178.1#
98	72.8	40.2	83.4
63	61.0	28.0	58.2#

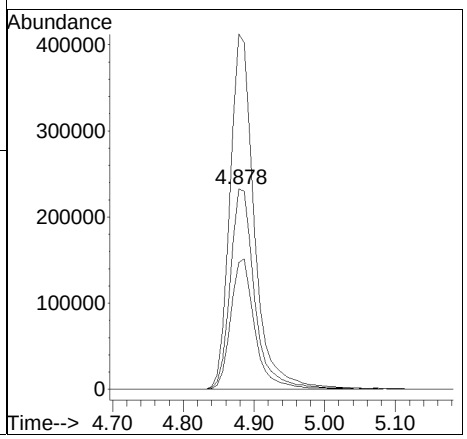


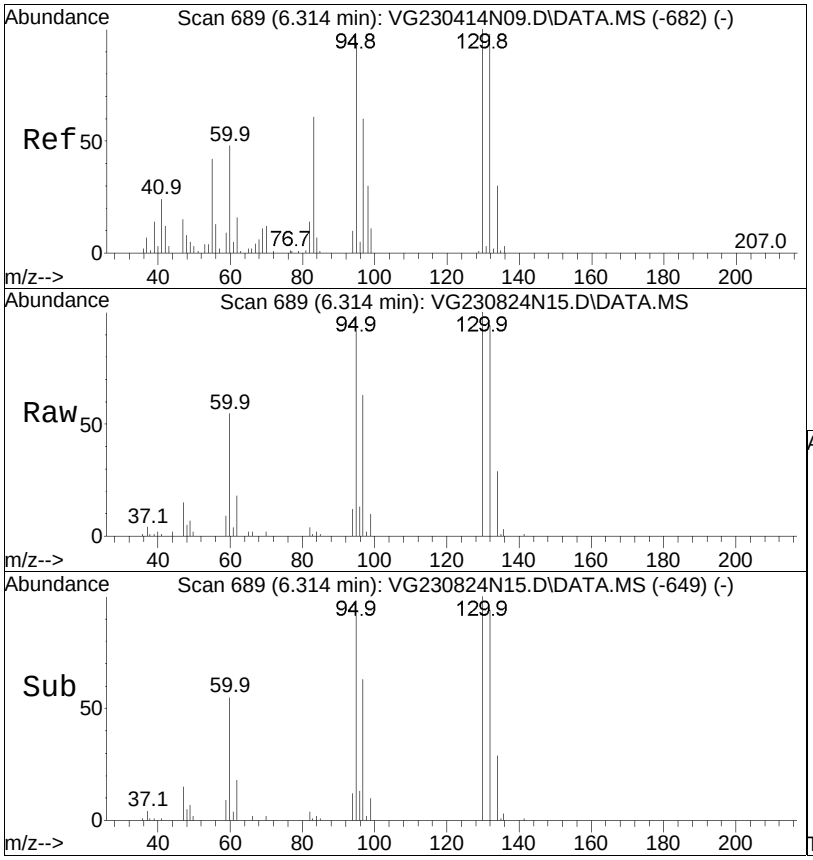


#28
cis-1,2-Dichloroethene
Concen: 44.97 ug/L
RT: 4.878 min Scan# 500
Delta R.T. 0.000 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion: 96 Resp: 564682

Ion	Ratio	Lower	Upper
96	100		
61	175.8	96.6	144.8#
98	64.5	51.3	76.9

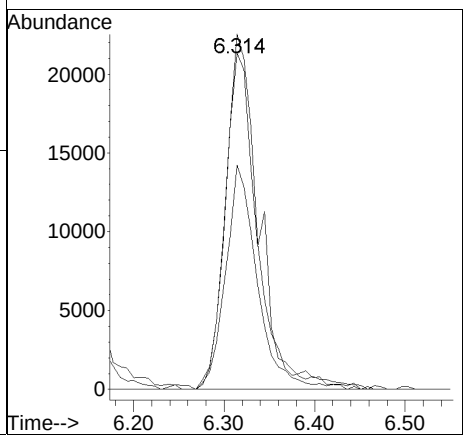


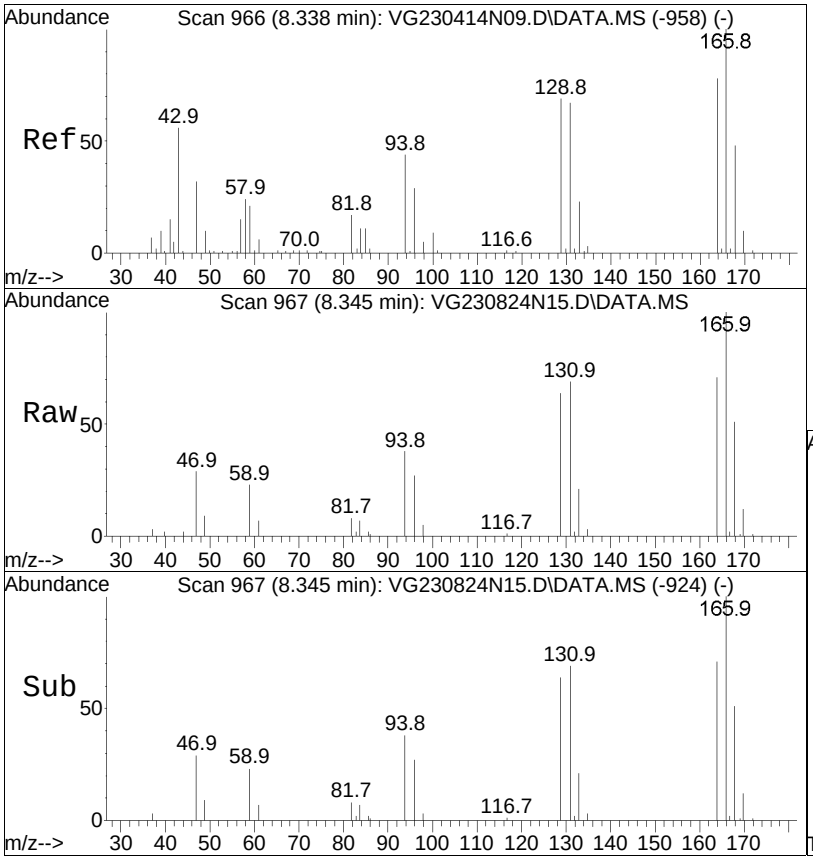


#48
Trichloroethene
Concen: 4.00 ug/L
RT: 6.314 min Scan# 689
Delta R.T. 0.000 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion: 95 Resp: 56002

Ion	Ratio	Lower	Upper
95	100		
97	62.4	54.0	81.0
130	98.8	85.0	127.4

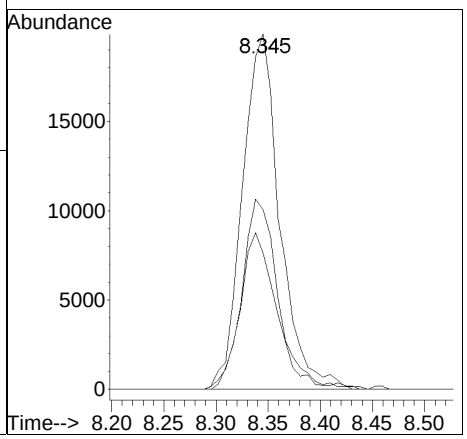




#63
Tetrachloroethene
Concen: 3.65 ug/L
RT: 8.345 min Scan# 967
Delta R.T. 0.007 min
Lab File: VG230824N15.D
Acq: 24 Aug 2023 11:46 pm

Tgt Ion:166 Resp: 49756

Ion	Ratio	Lower	Upper
166	100		
168	51.7	27.3	67.3
94	42.6	20.5	60.5



Manual Integration Report

Data Path	: K:\Gonzo\2023\230824N\	QMethod	: G_230726N_8260.m
Data File	: VG230824N15.D	Operator	: GONZO:MJV
Date Inj'd	: 8/24/2023 11:46 pm	Instrument	: Gonzo
Sample	: L2348770-07,31,10,10,,A	Quant Date	: 8/25/2023 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N16.D
Acq On : 25 Aug 2023 12:10 am
Operator : GONZO:MJV
Sample : L2348770-06,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 25 06:17:08 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.139	96	471145	10.000 ug/L	0.00
Standard Area 1 = 611548			Recovery =	77.04%	
59) Chlorobenzene-d5	9.686	117	439503	10.000 ug/L	0.00
Standard Area 1 = 553536			Recovery =	79.40%	
79) 1,4-Dichlorobenzene-d4	12.360	152	267431	10.000 ug/L	0.00
Standard Area 1 = 332996			Recovery =	80.31%	
System Monitoring Compounds					
36) Dibromofluoromethane	5.327	113	139670	11.553 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	115.53%	
43) 1,2-Dichloroethane-d4	5.858	65	194354	12.624 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	126.24%	
60) Toluene-d8	7.836	98	525316	9.421 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	94.21%	
83) 4-Bromofluorobenzene	11.167	95	216826	8.942 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	89.42%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.536	85	428	N.D.	
3) Chloromethane	1.931	50	956	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.288	94	278	N.D.	
6) Chloroethane	2.386	64	75	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.085	76	713	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.625	84	1137	0.098 ug/L #	46
17) Acetone	3.670	43	3690	0.852 ug/L #	65
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	4.894	96	1672	0.140 ug/L #	75
30) Bromochloromethane	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	0.000		0	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N16.D
Acq On : 25 Aug 2023 12:10 am
Operator : GONZO:MJV
Sample : L2348770-06,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 25 06:17:08 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	5.395	43	80	N.D.		
41)	Benzene	5.729	78	295	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.	d	
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.	d	
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	7.901	92	577	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	8.352	166	349	N.D.		
65)	trans-1,3-Dichloropropene	8.589	75	75	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	9.362	43	80	N.D.		
73)	Chlorobenzene	9.703	112	85	N.D.		
74)	Ethylbenzene	9.752	91	598	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	10.616	106	74	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	11.085	105	80	N.D.		
87)	1,1,2,2-Tetrachloroethane	11.159	83	98	N.D.		
100)	1,3-Dichlorobenzene	12.294	146	121	N.D.		
101)	1,4-Dichlorobenzene	12.385	146	96	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
111)	1,2,3-Trichlorobenzene	0.000		0	N.D.		

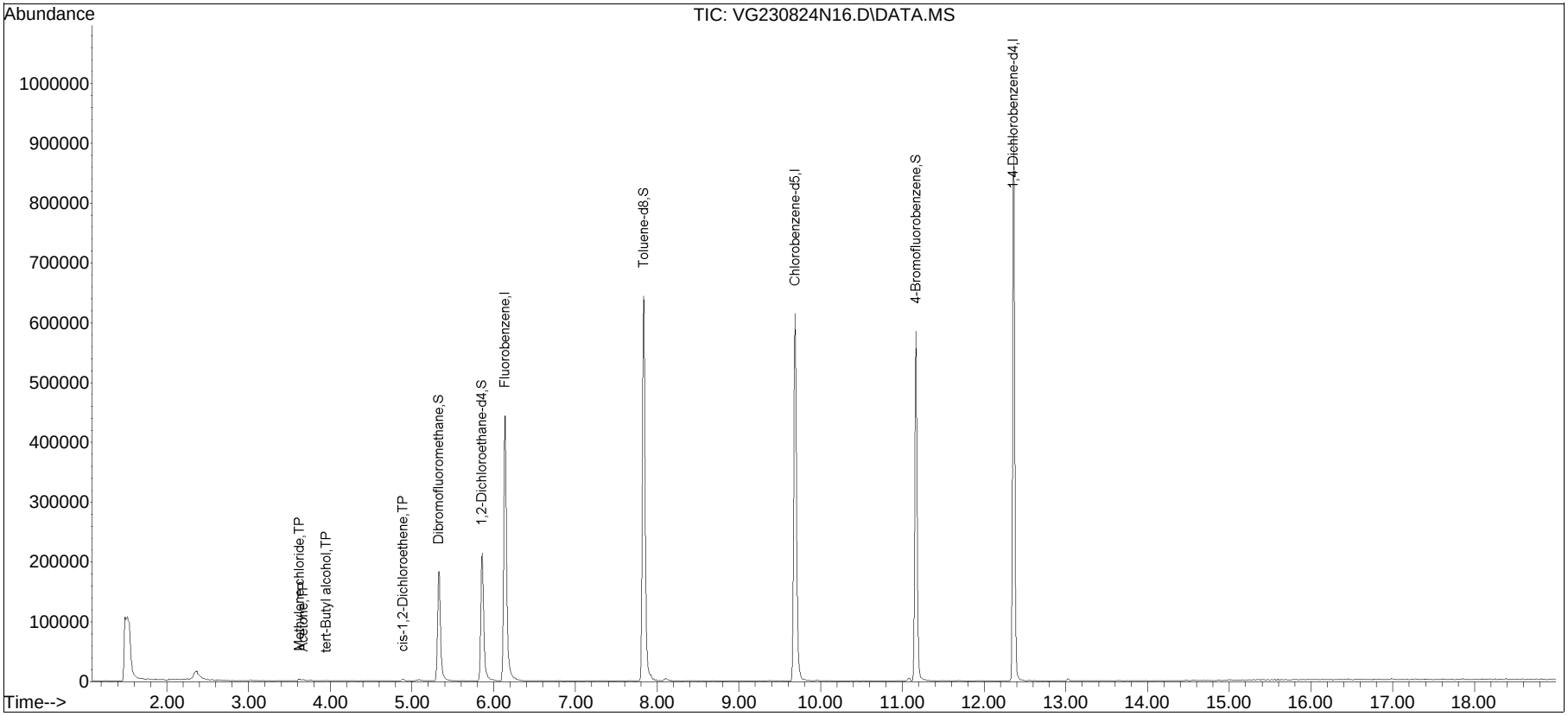
(#) = qualifier out of range (m) = manual integration (+) = signals summed

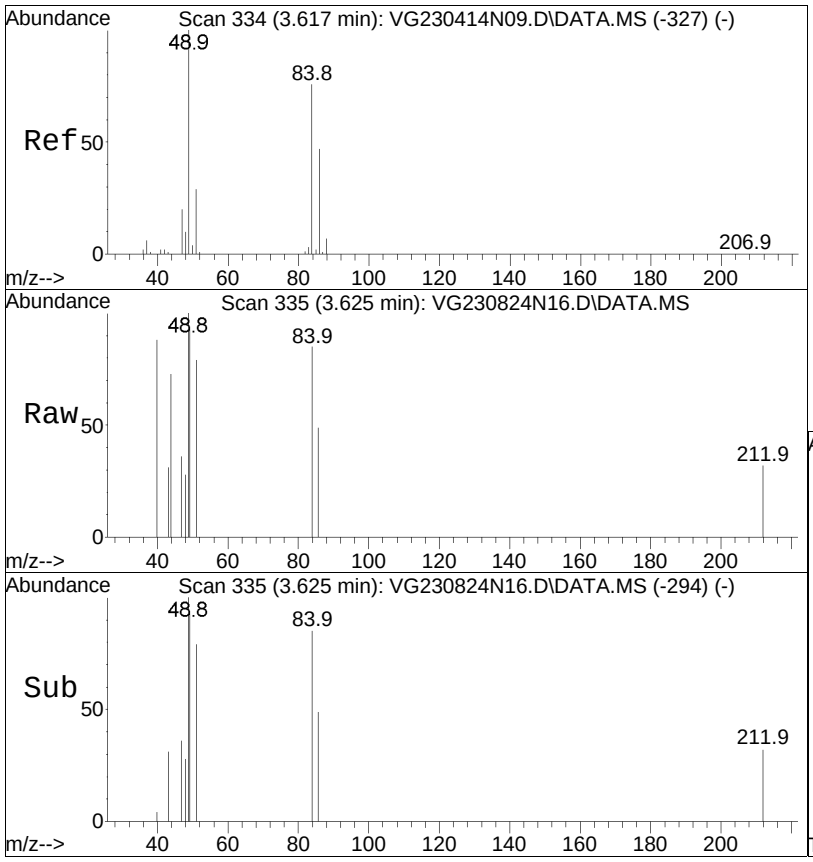
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N16.D
Acq On : 25 Aug 2023 12:10 am
Operator : GONZO:MJV
Sample : L2348770-06,31,10,10,,A
Misc : WG1820053,ICAL20208
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 25 06:17:08 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

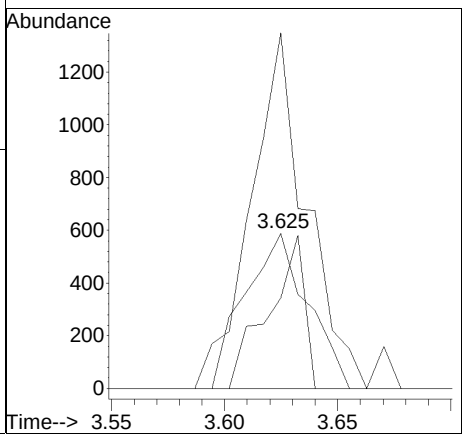


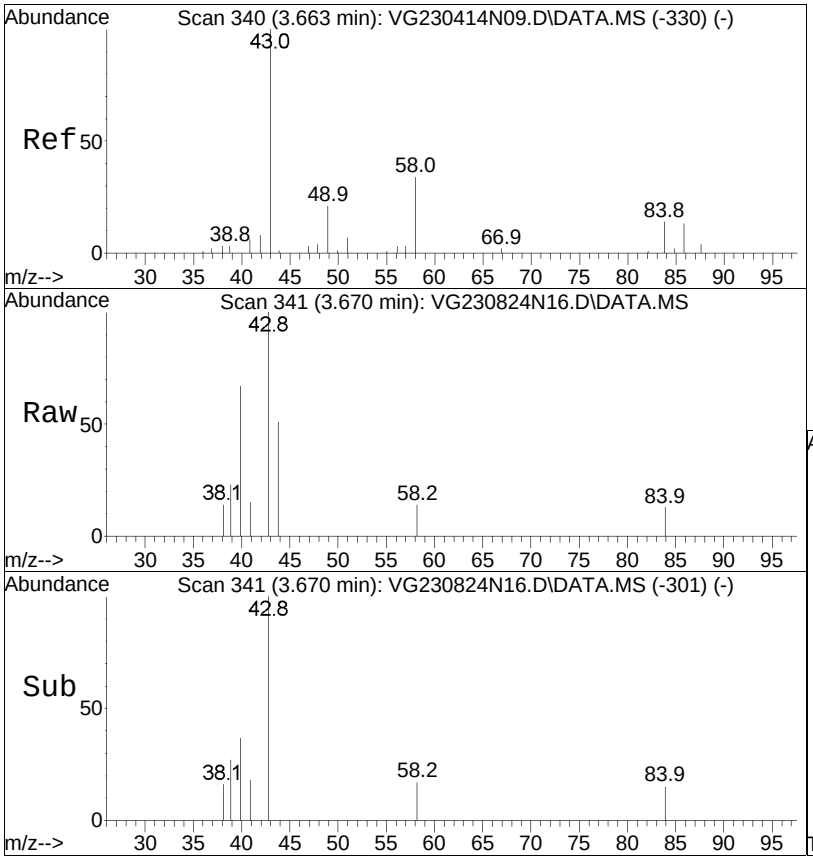


#15
Methylene chloride
Concen: 0.10 ug/L
RT: 3.625 min Scan# 335
Delta R.T. 0.008 min
Lab File: VG230824N16.D
Acq: 25 Aug 2023 12:10 am

Tgt Ion: 84 Resp: 1137

Ion	Ratio	Lower	Upper
84	100		
86	56.3	41.1	85.5
49	202.4	76.2	158.2#

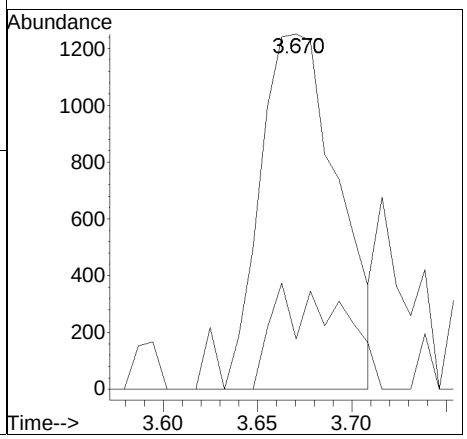


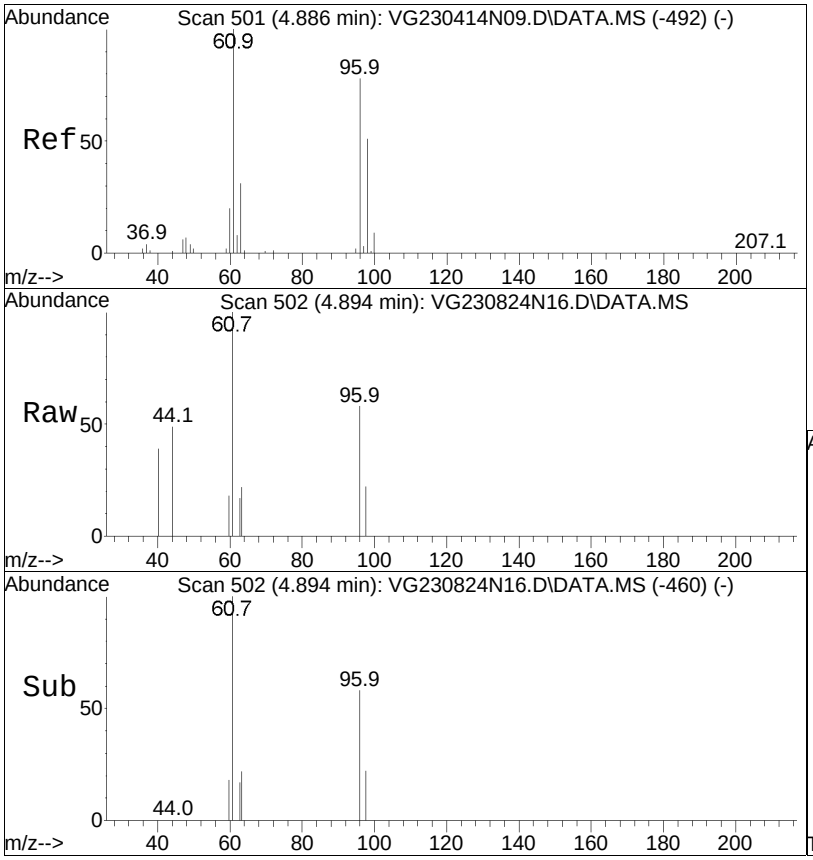


#17
Acetone
Concen: 0.85 ug/L
RT: 3.670 min Scan# 341
Delta R.T. 0.007 min
Lab File: VG230824N16.D
Acq: 25 Aug 2023 12:10 am

Tgt Ion: 43 Resp: 3690

Ion	Ratio	Lower	Upper
43	100		
58	9.5	22.2	33.4#

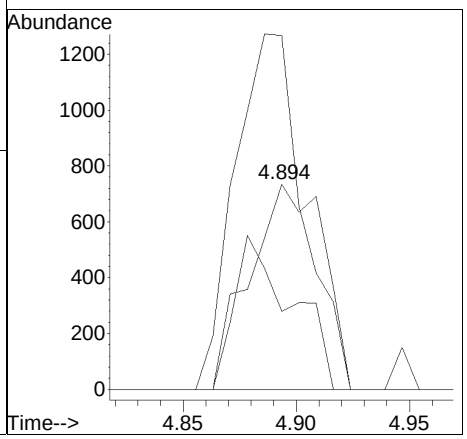




#28
cis-1,2-Dichloroethene
Concen: 0.14 ug/L
RT: 4.894 min Scan# 502
Delta R.T. 0.016 min
Lab File: VG230824N16.D
Acq: 25 Aug 2023 12:10 am

Tgt Ion: 96 Resp: 1672

Ion	Ratio	Lower	Upper
96	100		
61	159.4	96.6	144.8#
98	58.0	51.3	76.9



Manual Integration Report

Data Path	: K:\Gonzo\2023\230824N\	QMethod	: G_230726N_8260.m
Data File	: VG230824N16.D	Operator	: GONZO:MJV
Date Inj'd	: 8/25/2023 12:10 am	Instrument	: Gonzo
Sample	: L2348770-06,31,10,10,,A	Quant Date	: 8/25/2023 6:02 am

There are no manual integrations or false positives in this file.

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Sterling Environmental Engineering**	**Lab Number**	**: L2348770**
Project Name	**: NEW PALTZ PLAZA**	**Project Number**	**: 2014-45**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL20208**
Calibration dates	**: 07/26/23 18:49 07/26/23 22:47**		

Calibration Files

L11 =VG230726N03.D L1 =VG230726N05.D L2 =VG230726N07.D L3 =VG230726N09.D L4 =VG230726N10.D

L6 =VG230726N11.D L8 =VG230726N12.D L10 =VG230726N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.204	0.299	0.300	0.285	0.290	0.284	0.279	0.277	11.99
3)	TP	Chloromethane		0.351	0.416	0.416	0.396	0.407	0.407	0.420	0.402	5.89
4)	TC	Vinyl chloride	0.245	0.239	0.309	0.312	0.297	0.303	0.300	0.311	0.290	10.33
5)	TP	Bromomethane		0.163	0.170	0.139	0.129	0.136	0.141	0.151	0.147	10.31
6)	TP	Chloroethane		0.145	0.158	0.152	0.127	0.115	0.103	0.099	0.128	18.71
7)	TP	Trichlorofluor		0.225	0.312	0.354	0.336	0.349	0.340	0.345	0.323	14.05
8)	TP	Ethyl ether		0.121	0.117	0.125	0.122	0.123	0.124	0.126	0.123	2.40
10)	TC	1,1-Dichloroet		0.151	0.218	0.219	0.204	0.212	0.211	0.217	0.205	11.76
11)	TP	Carbon disulfide		0.514	0.647	0.667	0.633	0.664	0.656	0.678	0.637	8.83
12)	TP	Freon-113		0.157	0.222	0.238	0.226	0.231	0.225	0.224	0.217	12.54
13)	TP	Iodomethane		0.224	0.242	0.297	0.317	0.330	0.318	0.318	0.292	14.36
14)	TP	Acrolein		0.042	0.051	0.041	0.043	0.044	0.045	0.044	0.044	7.19
15)	TP	Methylene chlo		0.327	0.249	0.234	0.223	0.229	0.228	0.233	0.246	14.83
17)	TP	Acetone			0.116	0.087	0.083	0.088	0.088	0.089	0.092	13.19
18)	TP	trans-1,2-Dich		0.183	0.232	0.227	0.218	0.223	0.223	0.231	0.220	7.72
19)	TP	Methyl acetate		0.170	0.211	0.202	0.209	0.215	0.214	0.214	0.205	7.92
20)	TP	Methyl tert butyl ether		0.629	0.685	0.710	0.704	0.728	0.732	0.741	0.704	5.44
21)	TP	tert-Butyl alc		0.027	0.029	0.029	0.029	0.030	0.030	0.030	0.029	3.91
22)	TP	Diisopropyl ether		0.954	1.077	1.141	1.119	1.165	1.166	1.195	1.117	7.27
23)	TP	1,1-Dichloroet		0.396	0.501	0.492	0.480	0.493	0.492	0.491	0.478	7.68
24)	TP	Halothane		0.122	0.168	0.179	0.175	0.180	0.177	0.180	0.169	12.42
25)	TP	Acrylonitrile		0.088	0.087	0.094	0.096	0.100	0.100	0.100	0.095	6.03
26)	TP	Ethyl tert-but		0.795	0.896	0.942	0.933	0.977	0.977	0.998	0.931	7.41
27)	TP	Vinyl acetate		0.327	0.250	0.241	0.298	0.322	0.335	0.300	0.296	12.59
28)	TP	cis-1,2-Dichlo		0.248	0.260	0.254	0.244	0.255	0.254	0.263	0.254	2.53
29)	TP	2,2-Dichloropr		0.261	0.321	0.328	0.337	0.339	0.335	0.338	0.323	8.71
30)	TP	Bromochloromet		0.106	0.109	0.106	0.101	0.101	0.100	0.099	0.103	3.75
31)	TP	Cyclohexane		0.421	0.599	0.612	0.582	0.596	0.577	0.586	0.567	11.59
32)	TC	Chloroform		0.360	0.385	0.420	0.401	0.418	0.416	0.424	0.404	5.81
33)	TP	Ethyl acetate		0.294	0.277	0.292	0.299	0.315	0.315	0.312	0.301	4.72
34)	TP	Carbon tetrachloride	0.335	0.249	0.313	0.335	0.317	0.339	0.330	0.333	0.319	9.29
35)	TP	Tetrahydrofuran			0.097	0.095	0.095	0.097	0.096	0.095	0.096	1.23
36)	S	Dibromofluoromethane	0.248	0.245	0.256	0.261	0.257	0.259	0.261	0.265	0.257	2.61
37)	TP	1,1,1-Trichlor		0.304	0.380	0.386	0.373	0.385	0.379	0.390	0.371	8.14
39)	TP	2-Butanone			0.107	0.136	0.143	0.147	0.150	0.147	0.138	11.59

Initial Calibration Summary
Form 6
Volatiles

Client	**: Sterling Environmental Engineering**	**Lab Number**	**: L2348770**
Project Name	**: NEW PALTZ PLAZA**	**Project Number**	**: 2014-45**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL20208**
Calibration dates	**: 07/26/23 18:49 07/26/23 22:47**		

Calibration Files
L11 =VG230726N03.D L1 =VG230726N05.D L2 =VG230726N07.D L3 =VG230726N09.D L4 =VG230726N10.D
L6 =VG230726N11.D L8 =VG230726N12.D L10 =VG230726N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40)	TP	1,1-Dichloropr		0.247	0.332	0.345	0.336	0.347	0.340	0.351	0.328	11.12
41)	TP	Benzene	0.911	0.801	0.958	0.963	0.942	0.977	0.974	1.010	0.942	6.76
42)	TP	Tertiary-Amyl Methyl Ether		0.617	0.691	0.729	0.709	0.744	0.746	0.760	0.714	6.83
43)	S	1,2-Dichloroethane-d4	0.305	0.318	0.332	0.343	0.325	0.328	0.335	0.329	0.327	3.51
44)	TP	1,2-Dichloroet		0.327	0.354	0.357	0.349	0.357	0.356	0.362	0.352	3.28
47)	TP	Methyl cyclohe		0.301	0.421	0.454	0.429	0.439	0.422	0.423	0.413	12.30
48)	TP	Trichloroethene	0.323	0.239	0.283	0.295	0.277	0.284	0.277	0.288	0.283	8.16
50)	TP	Dibromomethane		0.136	0.135	0.137	0.135	0.139	0.140	0.141	0.138	1.74
51)	TC	1,2-Dichloropr		0.243	0.274	0.280	0.270	0.279	0.281	0.286	0.273	5.19
53)	TP	2-Chloroethyl		0.159	0.174	0.179	0.174	0.183	0.182	0.178	0.176	4.54
54)	TP	Bromodichlorom		0.302	0.319	0.326	0.313	0.329	0.327	0.338	0.322	3.66
57)	TP	1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002#	2.28
58)	TP	cis-1,3-Dichlo		0.359	0.388	0.394	0.393	0.409	0.410	0.420	0.396	5.03
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.244	1.285	1.263	1.254	1.272	1.276	1.268	1.288	1.269	1.17
61)	TC	Toluene		0.617	0.708	0.712	0.683	0.714	0.697	0.723	0.693	5.21
62)	TP	4-Methyl-2-pen		0.111	0.111	0.117	0.119	0.125	0.123	0.122	0.118	4.63
63)	TP	Tetrachloroethene		0.255	0.318	0.320	0.306	0.314	0.302	0.308	0.303	7.30
65)	TP	trans-1,3-Dich		0.397	0.417	0.418	0.423	0.443	0.435	0.450	0.426	4.20
67)	TP	Ethyl methacry		0.335	0.334	0.347	0.343	0.359	0.354	0.354	0.347	2.84
68)	TP	1,1,2-Trichlor		0.207	0.212	0.202	0.197	0.204	0.199	0.204	0.203	2.37
69)	TP	Chlorodibromom		0.234	0.272	0.271	0.269	0.285	0.281	0.289	0.272	6.67
70)	TP	1,3-Dichloropr		0.394	0.408	0.422	0.408	0.428	0.422	0.433	0.416	3.32
71)	TP	1,2-Dibromoethane		0.226	0.235	0.240	0.237	0.248	0.244	0.249	0.240	3.40
72)	TP	2-Hexanone		0.248	0.244	0.243	0.249	0.262	0.251	0.252	0.250	2.56
73)	TP	Chlorobenzene		0.691	0.742	0.746	0.717	0.748	0.733	0.756	0.733	3.06
74)	TC	Ethylbenzene		1.148	1.343	1.356	1.305	1.367	1.338	1.398	1.322	6.19
75)	TP	1,1,1,2-Tetrac		0.235	0.275	0.278	0.270	0.286	0.283	0.292	0.274	6.77
76)	TP	p/m Xylene		0.443	0.522	0.525	0.504	0.518	0.503	0.516	0.504	5.63
77)	TP	o Xylene		0.427	0.501	0.501	0.483	0.501	0.486	0.497	0.485	5.51
78)	TP	Styrene		0.762	0.840	0.859	0.823	0.867	0.849	0.861	0.837	4.32
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.303	0.324	0.323	0.332	0.351	0.352	0.362	0.335	6.18
82)	TP	Isopropylbenzene		1.733	2.223	2.264	2.170	2.260	2.248	2.339	2.177	9.27
83)	S	4-Bromofluorobenzene	0.938	0.920	0.907	0.889	0.896	0.884	0.913	0.906	0.907	1.91
84)	TP	Bromobenzene		0.520	0.580	0.560	0.547	0.569	0.566	0.572	0.559	3.59

Initial Calibration Summary
Form 6
Volatiles

Client	**: Sterling Environmental Engineering**	**Lab Number**	**: L2348770**
Project Name	**: NEW PALTZ PLAZA**	**Project Number**	**: 2014-45**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL20208**
Calibration dates	**: 07/26/23 18:49 07/26/23 22:47**		

Calibration Files

L11 =VG230726N03.D L1 =VG230726N05.D L2 =VG230726N07.D L3 =VG230726N09.D L4 =VG230726N10.D

L6 =VG230726N11.D L8 =VG230726N12.D L10 =VG230726N13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.120	2.682	2.695	2.580	2.671	2.668	2.733	2.593	8.23
86) TP	1,4-Dichlorobu		0.990	0.929	0.951	0.916	0.951	0.962	0.977	0.954	2.71
87) TP	1,1,2,2-Tetrac		0.463	0.448	0.445	0.451	0.467	0.478	0.471	0.460	2.76
88) TP	4-Ethyltoluene		1.758	2.193	2.242	2.171	2.236	2.232	2.300	2.162	8.45
89) TP	2-Chlorotoluene		1.385	1.628	1.626	1.565	1.623	1.636	1.707	1.596	6.37
90) TP	1,3,5-Trimethy		1.644	1.923	1.946	1.845	1.926	1.926	1.978	1.884	6.02
91) TP	1,2,3-Trichlor		0.483	0.430	0.438	0.429	0.447	0.450	0.451	0.447	4.10
92) TP	trans-1,4-Dich		0.172	0.188	0.187	0.191	0.204	0.205	0.206	0.193	6.54
93) TP	4-Chlorotoluene		1.457	1.699	1.666	1.626	1.701	1.708	1.772	1.661	6.04
94) TP	tert-Butylbenzene		1.271	1.540	1.575	1.515	1.560	1.549	1.574	1.512	7.17
97) TP	1,2,4-Trimethy		1.500	1.801	1.827	1.780	1.881	1.901	1.963	1.807	8.27
98) TP	sec-Butylbenzene		1.741	2.286	2.338	2.220	2.293	2.282	2.323	2.212	9.53
99) TP	p-Isopropyltol		1.511	1.860	1.941	1.871	1.958	1.952	1.983	1.868	8.77
100) TP	1,3-Dichlorobe		0.948	1.044	1.058	1.034	1.075	1.072	1.097	1.047	4.64
101) TP	1,4-Dichlorobe		1.018	1.053	1.096	1.054	1.087	1.081	1.113	1.072	3.00
102) TP	p-Diethylbenzene		0.910	1.045	1.111	1.084	1.142	1.137	1.173	1.086	8.12
103) TP	n-Butylbenzene		1.158	1.471	1.541	1.522	1.621	1.610	1.674	1.514	11.30
104) TP	1,2-Dichlorobe		0.975	1.026	1.022	0.984	1.025	1.027	1.047	1.015	2.55
105) TP	1,2,4,5-Tetram		1.086	1.222	1.341	1.387	1.554	1.586	1.668	1.406	14.91
106) TP	1,2-Dibromo-3-		0.097	0.086	0.086	0.087	0.093	0.095	0.094	0.091	5.22
107) TP	1,3,5-Trichlor		0.592	0.648	0.691	0.685	0.743	0.737	0.751	0.693	8.35
108) TP	Hexachlorobuta		0.224	0.281	0.281	0.276	0.289	0.288	0.281	0.274	8.32
109) TP	1,2,4-Trichlor		0.461	0.535	0.565	0.578	0.636	0.642	0.640	0.580	11.61
110) TP	Naphthalene		0.912	0.882	1.017	1.055	1.228	1.260	1.282	1.091	15.28
111) TP	1,2,3-Trichlor		0.383	0.429	0.463	0.474	0.525	0.527	0.512	0.473	11.31

Response Factor Report Gonzo

Method Path : K:\Gonzo\2023\230726NICAL\
Method File : G_230726N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jul 27 11:43:17 2023
Response Via : Initial Calibration

Calibration Files
L11 =VG230726N03.D L1 =VG230726N05.D L2 =VG230726N07.D L3 =VG230726N09.D L4 =VG230726N10.D
L6 =VG230726N11.D L8 =VG230726N12.D L10 =VG230726N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo...		0.204	0.299	0.300	0.285	0.290	0.284	0.279	0.277	11.99
3)	TP	Chloromethane		0.351	0.416	0.416	0.396	0.407	0.407	0.420	0.402	5.89
4)	TC	Vinyl chloride	0.245	0.239	0.309	0.312	0.297	0.303	0.300	0.311	0.290	10.33
5)	TP	Bromomethane		0.163	0.170	0.139	0.129	0.136	0.141	0.151	0.147	10.31
6)	TP	Chloroethane		0.145	0.158	0.152	0.127	0.115	0.103	0.099	0.128	18.71
7)	TP	Trichlorofluor...		0.225	0.312	0.354	0.336	0.349	0.340	0.345	0.323	14.05
8)	TP	Ethyl ether		0.121	0.117	0.125	0.122	0.123	0.124	0.126	0.123	2.40
10)	TC	1,1-Dichloroet...		0.151	0.218	0.219	0.204	0.212	0.211	0.217	0.205	11.76
11)	TP	Carbon disulfide		0.514	0.647	0.667	0.633	0.664	0.656	0.678	0.637	8.83
12)	TP	Freon-113		0.157	0.222	0.238	0.226	0.231	0.225	0.224	0.217	12.54
13)	TP	Iodomethane		0.224	0.242	0.297	0.317	0.330	0.318	0.318	0.292	14.36
14)	TP	Acrolein		0.042	0.051	0.041	0.043	0.044	0.045	0.044	0.044	7.19
15)	TP	Methylene chlo...		0.327	0.249	0.234	0.223	0.229	0.228	0.233	0.246	14.83
17)	TP	Acetone			0.116	0.087	0.083	0.088	0.088	0.089	0.092	13.19
18)	TP	trans-1,2-Dich...		0.183	0.232	0.227	0.218	0.223	0.223	0.231	0.220	7.72
19)	TP	Methyl acetate		0.170	0.211	0.202	0.209	0.215	0.214	0.214	0.205	7.92
20)	TP	Methyl tert-bu...		0.629	0.685	0.710	0.704	0.728	0.732	0.741	0.704	5.44
21)	TP	tert-Butyl alc...		0.027	0.029	0.029	0.029	0.030	0.030	0.030	0.029	3.91
22)	TP	Diisopropyl ether		0.954	1.077	1.141	1.119	1.165	1.166	1.195	1.117	7.27
23)	TP	1,1-Dichloroet...		0.396	0.501	0.492	0.480	0.493	0.492	0.491	0.478	7.68
24)	TP	Halothane		0.122	0.168	0.179	0.175	0.180	0.177	0.180	0.169	12.42
25)	TP	Acrylonitrile		0.088	0.087	0.094	0.096	0.100	0.100	0.100	0.095	6.03
26)	TP	Ethyl tert-but...		0.795	0.896	0.942	0.933	0.977	0.977	0.998	0.931	7.41
27)	TP	Vinyl acetate		0.327	0.250	0.241	0.298	0.322	0.335	0.300	0.296	12.59
28)	TP	cis-1,2-Dichlo...		0.248	0.260	0.254	0.244	0.255	0.254	0.263	0.254	2.53
29)	TP	2,2-Dichloropr...		0.261	0.321	0.328	0.337	0.339	0.335	0.338	0.323	8.71
30)	TP	Bromochloromet...		0.106	0.109	0.106	0.101	0.101	0.100	0.099	0.103	3.75
31)	TP	Cyclohexane		0.421	0.599	0.612	0.582	0.596	0.577	0.586	0.567	11.59
32)	TC	Chloroform		0.360	0.385	0.420	0.401	0.418	0.416	0.424	0.404	5.81
33)	TP	Ethyl acetate		0.294	0.277	0.292	0.299	0.315	0.315	0.312	0.301	4.72

Method Path : K:\Gonzo\2023\230726NICAL\
Method File : G_230726N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jul 27 11:43:17 2023
Response Via : Initial Calibration

Calibration Files
L11 =VG230726N03.D L1 =VG230726N05.D L2 =VG230726N07.D L3 =VG230726N09.D L4 =VG230726N10.D
L6 =VG230726N11.D L8 =VG230726N12.D L10 =VG230726N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
34)	TP	Carbon tetrach...	0.335	0.249	0.313	0.335	0.317	0.339	0.330	0.333	0.319	9.29
35)	TP	Tetrahydrofuran			0.097	0.095	0.095	0.097	0.096	0.095	0.096	1.23
36)	S	Dibromofluorom...	0.248	0.245	0.256	0.261	0.257	0.259	0.261	0.265	0.257	2.61
37)	TP	1,1,1-Trichlor...		0.304	0.380	0.386	0.373	0.385	0.379	0.390	0.371	8.14
39)	TP	2-Butanone			0.107	0.136	0.143	0.147	0.150	0.147	0.138	11.59
40)	TP	1,1-Dichloropr...		0.247	0.332	0.345	0.336	0.347	0.340	0.351	0.328	11.12
41)	TP	Benzene	0.911	0.801	0.958	0.963	0.942	0.977	0.974	1.010	0.942	6.76
42)	TP	tert-Amyl meth...		0.617	0.691	0.729	0.709	0.744	0.746	0.760	0.714	6.83
43)	S	1,2-Dichloroet...	0.305	0.318	0.332	0.343	0.325	0.328	0.335	0.329	0.327	3.51
44)	TP	1,2-Dichloroet...		0.327	0.354	0.357	0.349	0.357	0.356	0.362	0.352	3.28
47)	TP	Methyl cyclohe...		0.301	0.421	0.454	0.429	0.439	0.422	0.423	0.413	12.30
48)	TP	Trichloroethene	0.323	0.239	0.283	0.295	0.277	0.284	0.277	0.288	0.283	8.16
50)	TP	Dibromomethane		0.136	0.135	0.137	0.135	0.139	0.140	0.141	0.138	1.74
51)	TC	1,2-Dichloropr...		0.243	0.274	0.280	0.270	0.279	0.281	0.286	0.273	5.19
53)	TP	2-Chloroethyl ...		0.159	0.174	0.179	0.174	0.183	0.182	0.178	0.176	4.54
54)	TP	Bromodichlorom...		0.302	0.319	0.326	0.313	0.329	0.327	0.338	0.322	3.66
57)	TP	1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002#	2.28
58)	TP	cis-1,3-Dichlo...		0.359	0.388	0.394	0.393	0.409	0.410	0.420	0.396	5.03
59)	I	Chlorobenzene-d5	----------ISTD----------									
60)	S	Toluene-d8	1.244	1.285	1.263	1.254	1.272	1.276	1.268	1.288	1.269	1.17
61)	TC	Toluene		0.617	0.708	0.712	0.683	0.714	0.697	0.723	0.693	5.21
62)	TP	4-Methyl-2-pen...		0.111	0.111	0.117	0.119	0.125	0.123	0.122	0.118	4.63
63)	TP	Tetrachloroethene		0.255	0.318	0.320	0.306	0.314	0.302	0.308	0.303	7.30
65)	TP	trans-1,3-Dich...		0.397	0.417	0.418	0.423	0.443	0.435	0.450	0.426	4.20
67)	TP	Ethyl methacry...		0.335	0.334	0.347	0.343	0.359	0.354	0.354	0.347	2.84
68)	TP	1,1,2-Trichlor...		0.207	0.212	0.202	0.197	0.204	0.199	0.204	0.203	2.37
69)	TP	Chlorodibromom...		0.234	0.272	0.271	0.269	0.285	0.281	0.289	0.272	6.67
70)	TP	1,3-Dichloropr...		0.394	0.408	0.422	0.408	0.428	0.422	0.433	0.416	3.32
71)	TP	1,2-Dibromoethane		0.226	0.235	0.240	0.237	0.248	0.244	0.249	0.240	3.40
72)	TP	2-Hexanone		0.248	0.244	0.243	0.249	0.262	0.251	0.252	0.250	2.56
73)	TP	Chlorobenzene		0.691	0.742	0.746	0.717	0.748	0.733	0.756	0.733	3.06

Method Path : K:\Gonzo\2023\230726NICAL\
Method File : G_230726N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jul 27 11:43:17 2023
Response Via : Initial Calibration

Calibration Files
L11 =VG230726N03.D L1 =VG230726N05.D L2 =VG230726N07.D L3 =VG230726N09.D L4 =VG230726N10.D
L6 =VG230726N11.D L8 =VG230726N12.D L10 =VG230726N13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
74)	TC	Ethylbenzene		1.148	1.343	1.356	1.305	1.367	1.338	1.398	1.322	6.19
75)	TP	1,1,1,2-Tetrac...		0.235	0.275	0.278	0.270	0.286	0.283	0.292	0.274	6.77
76)	TP	p/m Xylene		0.443	0.522	0.525	0.504	0.518	0.503	0.516	0.504	5.63
77)	TP	o Xylene		0.427	0.501	0.501	0.483	0.501	0.486	0.497	0.485	5.51
78)	TP	Styrene		0.762	0.840	0.859	0.823	0.867	0.849	0.861	0.837	4.32
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80)	TP	Bromoform		0.303	0.324	0.323	0.332	0.351	0.352	0.362	0.335	6.18
82)	TP	Isopropylbenzene		1.733	2.223	2.264	2.170	2.260	2.248	2.339	2.177	9.27
83)	S	4-Bromofluorob...	0.938	0.920	0.907	0.889	0.896	0.884	0.913	0.906	0.907	1.91
84)	TP	Bromobenzene		0.520	0.580	0.560	0.547	0.569	0.566	0.572	0.559	3.59
85)	TP	n-Propylbenzene		2.120	2.682	2.695	2.580	2.671	2.668	2.733	2.593	8.23
86)	TP	1,4-Dichlorobu...		0.990	0.929	0.951	0.916	0.951	0.962	0.977	0.954	2.71
87)	TP	1,1,2,2-Tetrac...		0.463	0.448	0.445	0.451	0.467	0.478	0.471	0.460	2.76
88)	TP	4-Ethyltoluene		1.758	2.193	2.242	2.171	2.236	2.232	2.300	2.162	8.45
89)	TP	2-Chlorotoluene		1.385	1.628	1.626	1.565	1.623	1.636	1.707	1.596	6.37
90)	TP	1,3,5-Trimethy...		1.644	1.923	1.946	1.845	1.926	1.926	1.978	1.884	6.02
91)	TP	1,2,3-Trichlor...		0.483	0.430	0.438	0.429	0.447	0.450	0.451	0.447	4.10
92)	TP	trans-1,4-Dich...		0.172	0.188	0.187	0.191	0.204	0.205	0.206	0.193	6.54
93)	TP	4-Chlorotoluene		1.457	1.699	1.666	1.626	1.701	1.708	1.772	1.661	6.04
94)	TP	tert-Butylbenzene		1.271	1.540	1.575	1.515	1.560	1.549	1.574	1.512	7.17
97)	TP	1,2,4-Trimethy...		1.500	1.801	1.827	1.780	1.881	1.901	1.963	1.807	8.27
98)	TP	sec-Butylbenzene		1.741	2.286	2.338	2.220	2.293	2.282	2.323	2.212	9.53
99)	TP	p-Isopropyltol...		1.511	1.860	1.941	1.871	1.958	1.952	1.983	1.868	8.77
100)	TP	1,3-Dichlorobe...		0.948	1.044	1.058	1.034	1.075	1.072	1.097	1.047	4.64
101)	TP	1,4-Dichlorobe...		1.018	1.053	1.096	1.054	1.087	1.081	1.113	1.072	3.00
102)	TP	p-Diethylbenzene		0.910	1.045	1.111	1.084	1.142	1.137	1.173	1.086	8.12
103)	TP	n-Butylbenzene		1.158	1.471	1.541	1.522	1.621	1.610	1.674	1.514	11.30
104)	TP	1,2-Dichlorobe...		0.975	1.026	1.022	0.984	1.025	1.027	1.047	1.015	2.55
105)	TP	1,2,4,5-Tetram...		1.086	1.222	1.341	1.387	1.554	1.586	1.668	1.406	14.91
106)	TP	1,2-Dibromo-3-...		0.097	0.086	0.086	0.087	0.093	0.095	0.094	0.091	5.22
107)	TP	1,3,5-Trichlor...		0.592	0.648	0.691	0.685	0.743	0.737	0.751	0.693	8.35

Method Path : K:\Gonzo\2023\230726NICAL\
Method File : G_230726N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jul 27 11:43:17 2023
Response Via : Initial Calibration

Calibration Files
L11 =VG230726N03.D L1 =VG230726N05.D L2 =VG230726N07.D L3 =VG230726N09.D L4 =VG230726N10.D
L6 =VG230726N11.D L8 =VG230726N12.D L10 =VG230726N13.D

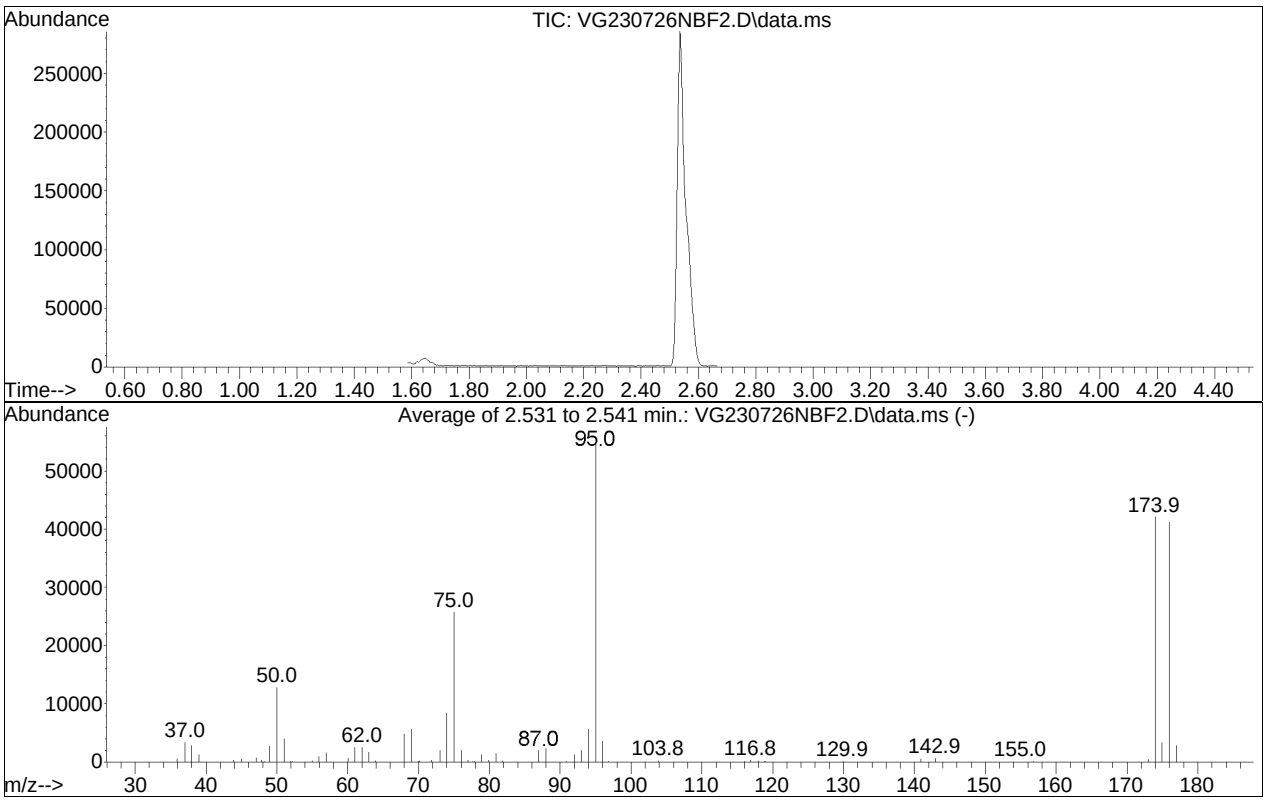
	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
108)	TP Hexachlorobuta...	0.224	0.281	0.281	0.276	0.289	0.288	0.281	0.274	8.32	
109)	TP 1,2,4-Trichlor...	0.461	0.535	0.565	0.578	0.636	0.642	0.640	0.580	11.61	
110)	TP Naphthalene	0.912	0.882	1.017	1.055	1.228	1.260	1.282	1.091	15.28	
111)	TP 1,2,3-Trichlor...	0.383	0.429	0.463	0.474	0.525	0.527	0.512	0.473	11.31	

(#) = Out of Range

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726NBF2.D
Acq On : 26 Jul 2023 5:43 pm
Operator : GONZO:TMS
Sample : WG1808529-1
Misc : WG1808529
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jul 27 11:43:17 2023



AutoFind: Scans 181, 182, 183; Background Corrected with Scan 174

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.4	12813	PASS
75	95	30	60	46.9	25728	PASS
95	95	100	100	100.0	54853	PASS
96	95	5	9	6.5	3558	PASS
173	174	0.00	2	1.2	510	PASS
174	95	50	100	76.8	42101	PASS
175	174	5	9	8.0	3369	PASS
176	174	95	101	97.8	41163	PASS
177	176	5	9	6.9	2857	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N03.D
Acq On : 26 Jul 2023 6:49 pm
Operator : GONZO:PID
Sample : I8260STD0.19PPB
Misc : WG1808529,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 27 11:39:15 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-L11 - Level 11 for 8260-LRR product

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	516020	10.000	ug/L	0.00
Standard Area 1 = 503562			Recovery = 102.47%			
59) Chlorobenzene-d5	9.686	117	420306	10.000	ug/L	0.00
Standard Area 1 = 431052			Recovery = 97.51%			
79) 1,4-Dichlorobenzene-d4	12.360	152	241169	10.000	ug/L	0.00
Standard Area 1 = 250732			Recovery = 96.19%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	128139	9.678	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 96.78%			
43) 1,2-Dichloroethane-d4	5.858	65	157299	9.328	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 93.28%			
60) Toluene-d8	7.829	98	522910	9.806	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.06%			
83) 4-Bromofluorobenzene	11.159	95	226121	10.341	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.41%			
Target Compounds						Qvalue
4) Vinyl chloride	1.968	62	2404	0.161	ug/L	97
34) Carbon tetrachloride	5.281	117	3285	0.200	ug/L	95
41) Benzene	5.721	78	8929	0.184	ug/L #	84
48) Trichloroethene	6.329	95	3166	0.217	ug/L #	78

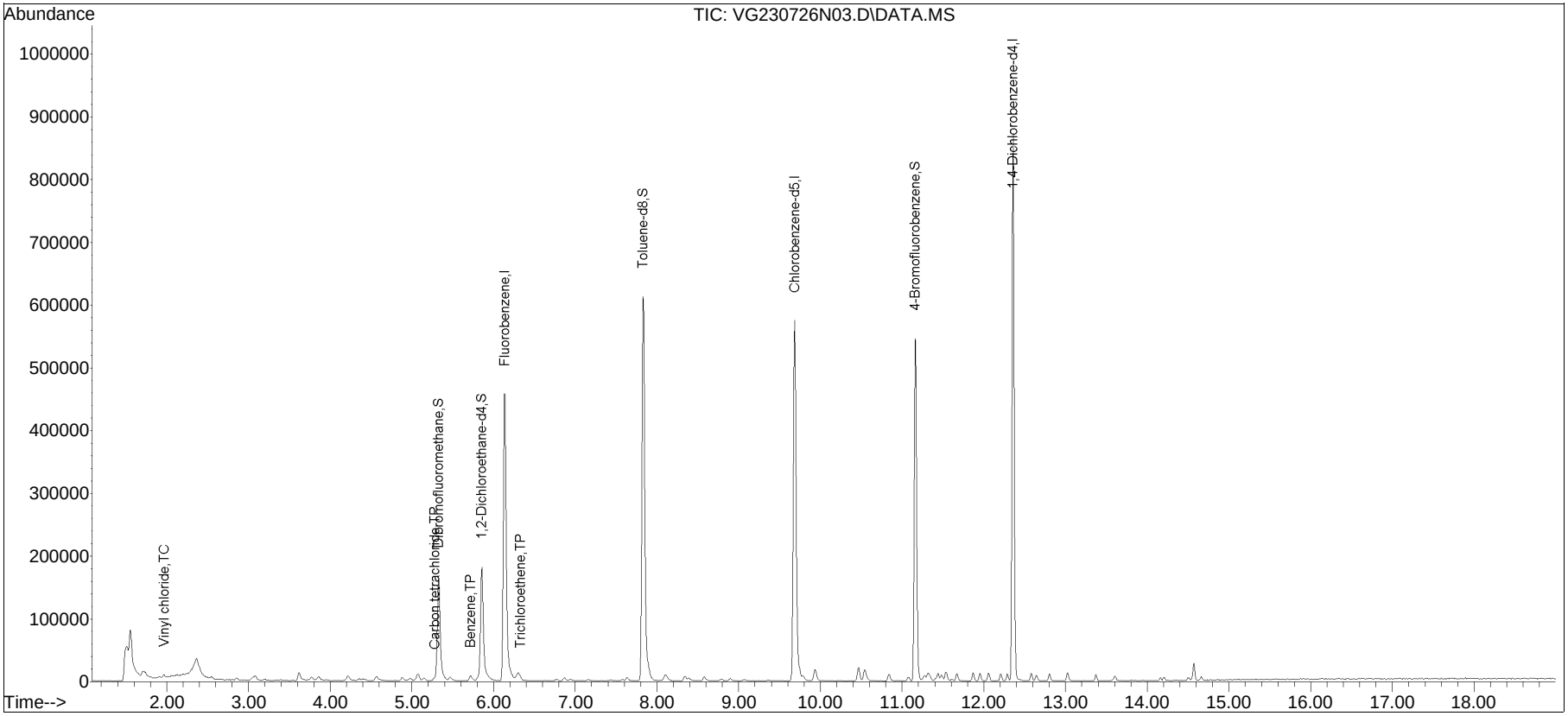
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N03.D
Acq On : 26 Jul 2023 6:49 pm
Operator : GONZO:PID
Sample : I8260STD0.19PPB
Misc : WG1808529,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 27 11:39:15 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

Sub List : 8260-L11 - Level 11 for 8260-LRR product9.D•



Manual Integration Report

Data Path	: K:\Gonzo\2023\230726NICAL\	QMethod	: G_230726N_8260.m
Data File	: VG230726N03.D	Operator	: GONZO:PID
Date Inj'd	: 7/26/2023 6:49 pm	Instrument	: Gonzo
Sample	: I8260STD0.19PPB	Quant Date	: 7/27/2023 11:39 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N05.D
Acq On : 26 Jul 2023 7:37 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG1808529,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 27 11:39:24 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.139	96	509712	10.000 ug/L	0.00
Standard Area 1 = 503562			Recovery = 101.22%		
59) Chlorobenzene-d5	9.686	117	413183	10.000 ug/L	0.00
Standard Area 1 = 431052			Recovery = 95.85%		
79) 1,4-Dichlorobenzene-d4	12.360	152	241535	10.000 ug/L	0.00
Standard Area 1 = 250732			Recovery = 96.33%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.326	113	125005	9.558 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 95.58%		
43) 1,2-Dichloroethane-d4	5.858	65	161891	9.719 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.19%		
60) Toluene-d8	7.829	98	530787	10.125 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.25%		
83) 4-Bromofluorobenzene	11.167	95	222256	10.149 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.49%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.695	85	5199	0.368 ug/L #	91
3) Chloromethane	1.915	50	8954	0.437 ug/L	95
4) Vinyl chloride	1.968	62	6085	0.412 ug/L	94
5) Bromomethane	2.287	94	4143	0.553 ug/L	99
6) Chloroethane	2.394	64	3694	0.565 ug/L	89
7) Trichlorofluoromethane	2.546	101	5730	0.348 ug/L	87
8) Ethyl ether	2.850	74	3094	0.495 ug/L #	52
10) 1,1-Dichloroethene	3.047	96	3857	0.370 ug/L #	75
11) Carbon disulfide	3.085	76	13089	0.403 ug/L	98
12) Freon-113	3.085	101	3999	0.361 ug/L #	56
13) Iodomethane	3.199	142	5711	0.383 ug/L #	88
14) Acrolein	3.389	56	1078M3	0.476 ug/L	
15) Methylene chloride	3.617	84	8334	0.664 ug/L #	63
17) Acetone	3.670	43	3434	0.687 ug/L #	80
18) trans-1,2-Dichloroethene	3.769	96	4659	0.416 ug/L	80
19) Methyl acetate	3.792	43	4330M6	0.414 ug/L	
20) Methyl tert-butyl ether	3.860	73	16021	0.446 ug/L #	84
21) tert-Butyl alcohol	3.959	59	3465	2.327 ug/L #	66
22) Diisopropyl ether	4.217	45	24317	0.427 ug/L	91
23) 1,1-Dichloroethane	4.354	63	10088	0.414 ug/L	96
24) Halothane	4.415	117	3116	0.362 ug/L	95

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N05.D
Acq On : 26 Jul 2023 7:37 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG1808529,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 27 11:39:24 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.437	53	2251	0.465	ug/L	#	87
26) Ethyl tert-butyl ether	4.567	59	20266	0.427	ug/L	#	65
27) Vinyl acetate	4.627	43	8322M3	0.552	ug/L		
28) cis-1,2-Dichloroethene	4.870	96	6333	0.489	ug/L		87
29) 2,2-Dichloropropane	4.977	77	6640	0.404	ug/L		89
30) Bromochloromethane	5.083	128	2698	0.513	ug/L	#	57
31) Cyclohexane	5.076	56	10721	0.371	ug/L		67
32) Chloroform	5.152	83	9184	0.447	ug/L		94
33) Ethyl acetate	5.266	43	7498	0.489	ug/L	#	86
34) Carbon tetrachloride	5.281	117	6352	0.391	ug/L		98
35) Tetrahydrofuran	5.311	42	3898	0.736	ug/L	#	63
37) 1,1,1-Trichloroethane	5.349	97	7737	0.409	ug/L		89
39) 2-Butanone	5.455	43	1765M6	0.270	ug/L		
40) 1,1-Dichloropropene	5.471	75	6290	0.376	ug/L		96
41) Benzene	5.721	78	20423	0.425	ug/L	#	89
42) tert-Amyl methyl ether	5.820	73	15729	0.432	ug/L	#	85
44) 1,2-Dichloroethane	5.927	62	8343	0.465	ug/L		97
47) Methyl cyclohexane	6.291	83	7668	0.365	ug/L	#	48
48) Trichloroethene	6.314	95	6103	0.423	ug/L		85
50) Dibromomethane	6.785	93	3476	0.496	ug/L		88
51) 1,2-Dichloropropane	6.876	63	6205	0.445	ug/L		93
53) 2-Chloroethyl vinyl ether	7.564	63	4064	0.454	ug/L	#	70
54) Bromodichloromethane	6.945	83	7693	0.469	ug/L		98
57) 1,4-Dioxane	7.149	88	12304	97.915	ug/L	#	71
58) cis-1,3-Dichloropropene	7.650	75	9148	0.453	ug/L	#	77
61) Toluene	7.894	92	12742	0.445	ug/L		96
62) 4-Methyl-2-pentanone	8.338	58	2296	0.469	ug/L	#	41
63) Tetrachloroethene	8.345	166	5275	0.421	ug/L		98
65) trans-1,3-Dichloropropene	8.395	75	8209	0.466	ug/L	#	76
67) Ethyl methacrylate	8.574	69	6912	0.483	ug/L		88
68) 1,1,2-Trichloroethane	8.574	83	4277	0.509	ug/L		95
69) Chlorodibromomethane	8.782	129	4843	0.431	ug/L		89
70) 1,3-Dichloropropane	8.896	76	8132	0.473	ug/L		92
71) 1,2-Dibromoethane	9.068	107	4662	0.471	ug/L		100
72) 2-Hexanone	9.369	43	5132	0.497	ug/L	#	76
73) Chlorobenzene	9.711	112	14270	0.471	ug/L	#	63
74) Ethylbenzene	9.744	91	23717	0.434	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.785	131	4863	0.429	ug/L	#	63
76) p/m Xylene	9.933	106	18291	0.878	ug/L		95
77) o Xylene	10.460	106	17649	0.880	ug/L		92

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N05.D
Acq On : 26 Jul 2023 7:37 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG1808529,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 27 11:39:24 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.534	104	31503	0.910	ug/L		93
80) Bromoform	10.566	173	3656	0.451	ug/L		96
82) Isopropylbenzene	10.838	105	20935	0.398	ug/L		97
84) Bromobenzene	11.274	156	6282	0.465	ug/L		97
85) n-Propylbenzene	11.315	91	25607	0.409	ug/L		99
86) 1,4-Dichlorobutane	11.348	55	11955	0.519	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.406	83	5592	0.503	ug/L		96
88) 4-Ethyltoluene	11.438	105	21227	0.407	ug/L		96
89) 2-Chlorotoluene	11.488	91	16730M1	0.434	ug/L		
90) 1,3,5-Trimethylbenzene	11.537	105	19851	0.436	ug/L		97
91) 1,2,3-Trichloropropane	11.545	75	5836	0.541	ug/L		91
92) trans-1,4-Dichloro-2-b...	11.595	53	2076	0.445	ug/L	#	92
93) 4-Chlorotoluene	11.669	91	17598	0.439	ug/L		92
94) tert-Butylbenzene	11.866	119	15344	0.420	ug/L		94
97) 1,2,4-Trimethylbenzene	11.948	105	18113	0.415	ug/L		99
98) sec-Butylbenzene	12.055	105	21028	0.394	ug/L		95
99) p-Isopropyltoluene	12.212	119	18252	0.405	ug/L		96
100) 1,3-Dichlorobenzene	12.286	146	11444	0.453	ug/L		98
101) 1,4-Dichlorobenzene	12.376	146	12291	0.475	ug/L	#	77
102) p-Diethylbenzene	12.582	119	10988	0.419	ug/L		97
103) n-Butylbenzene	12.640	91	13984M1	0.382	ug/L		
104) 1,2-Dichlorobenzene	12.804	146	11772	0.480	ug/L		95
105) 1,2,4,5-Tetramethylben...	13.372	119	13120	0.386	ug/L		96
106) 1,2-Dibromo-3-chloropr...	13.577	155	1174	0.534	ug/L		96
107) 1,3,5-Trichlorobenzene	13.602	180	7153	0.428	ug/L		96
108) Hexachlorobutadiene	14.161	225	2700	0.408	ug/L		87
109) 1,2,4-Trichlorobenzene	14.203	180	5564	0.397	ug/L		100
110) Naphthalene	14.499	128	11009	0.418	ug/L		100
111) 1,2,3-Trichlorobenzene	14.663	180	4630	0.405	ug/L		90

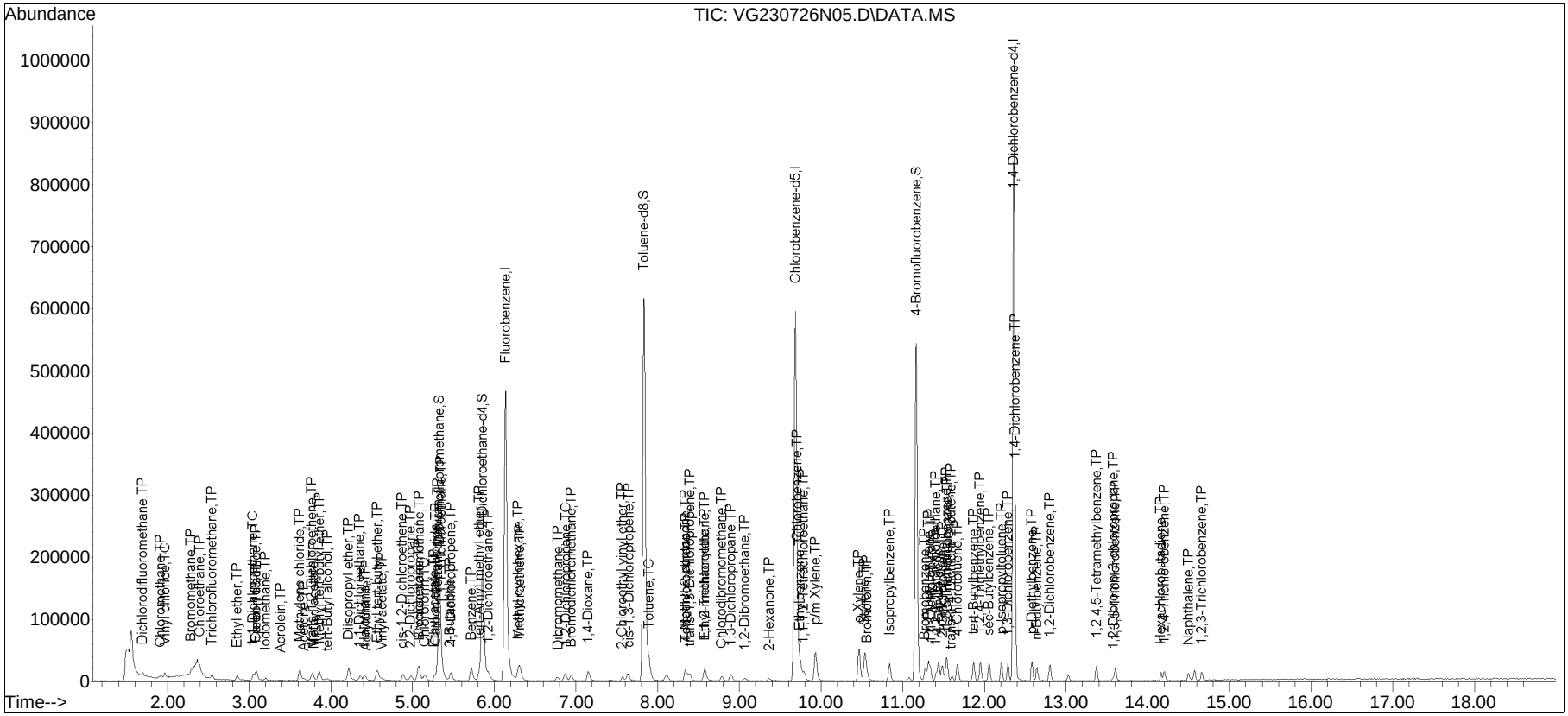
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N05.D
Acq On : 26 Jul 2023 7:37 pm
Operator : GONZO:PID
Sample : I8260STD0.5PPB
Misc : WG1808529,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 27 11:39:24 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

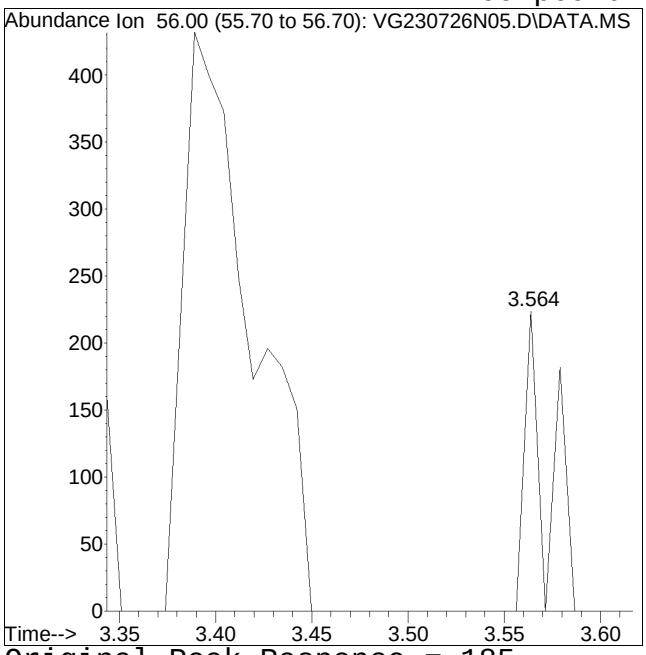
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



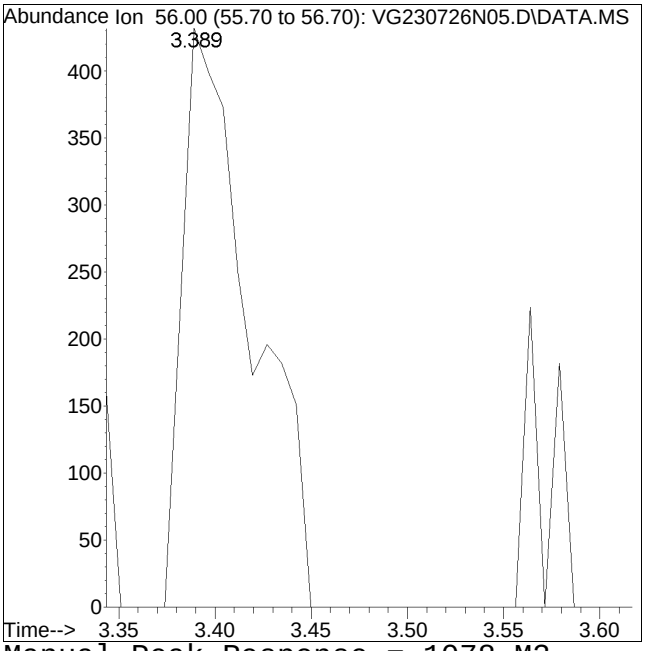
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N05.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 7:37 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 7/27/2023 11:39 am

Compound #14: Acrolein



Original Peak Response = 185



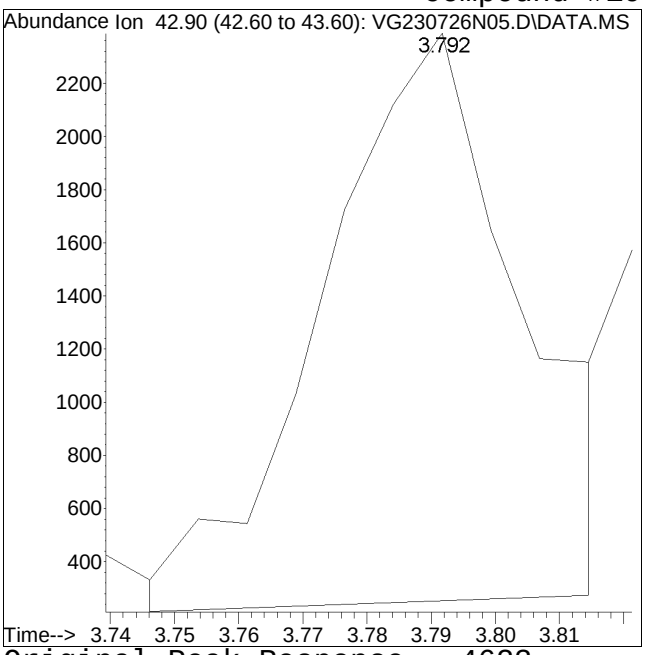
Manual Peak Response = 1078 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

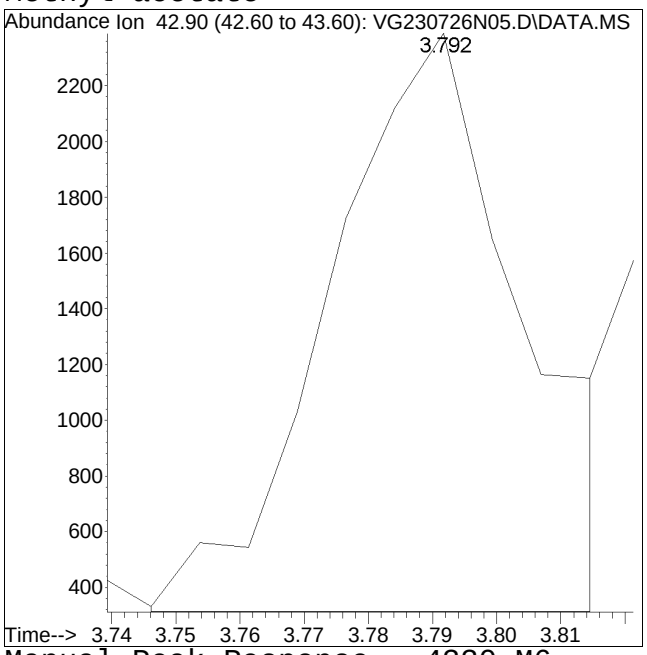
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N05.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 7:37 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 7/27/2023 11:39 am

Compound #19: Methyl acetate



Original Peak Response = 4623



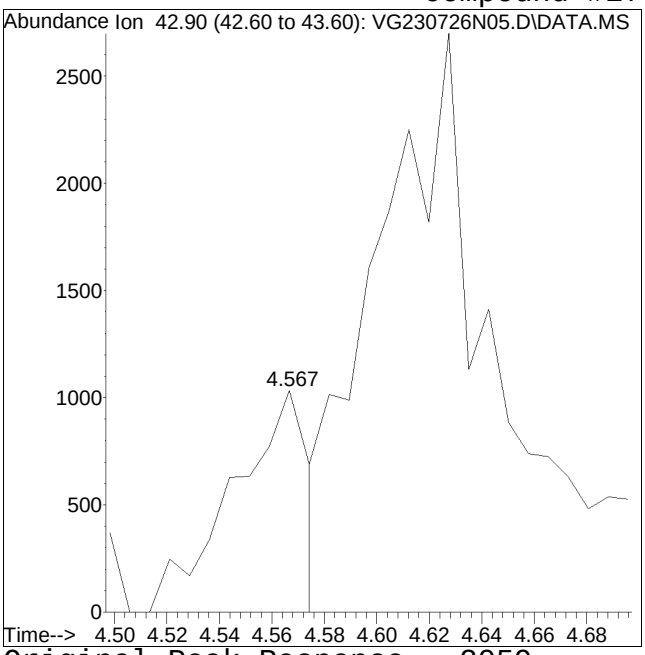
Manual Peak Response = 4330 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

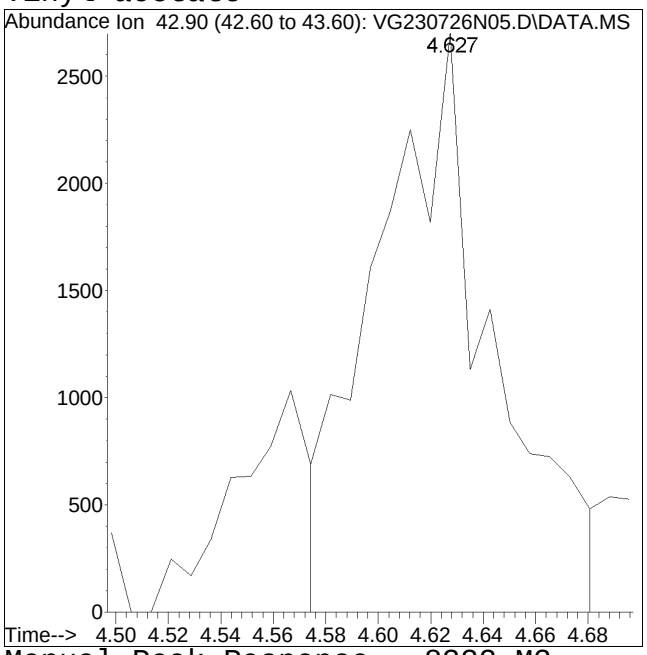
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N05.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 7:37 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 7/27/2023 11:39 am

Compound #27: Vinyl acetate



Original Peak Response = 2059



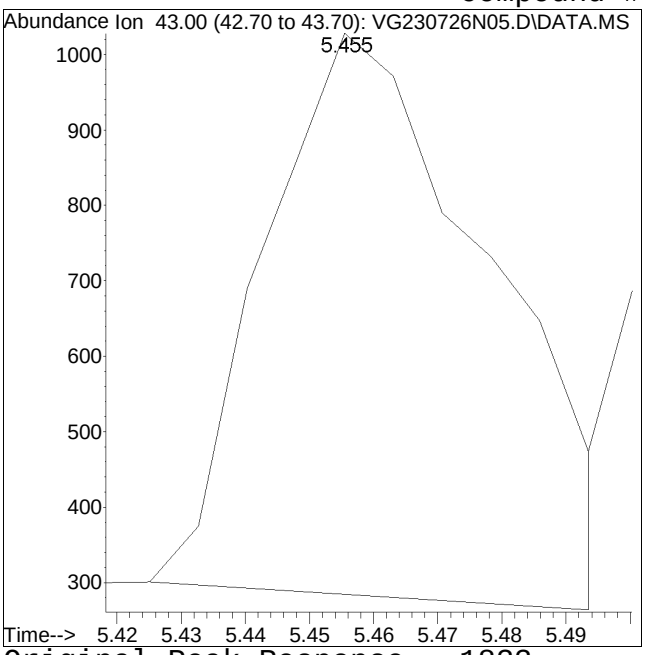
Manual Peak Response = 8322 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

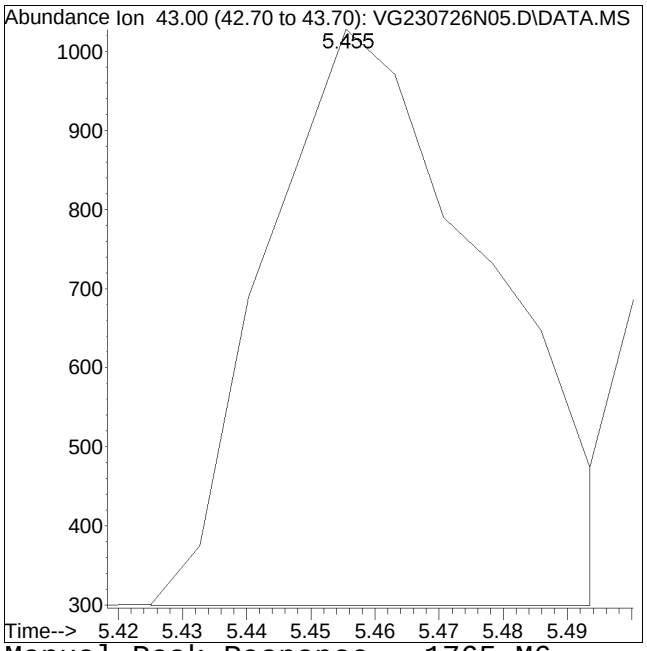
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N05.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 7:37 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 7/27/2023 11:39 am

Compound #39: 2-Butanone



Original Peak Response = 1833



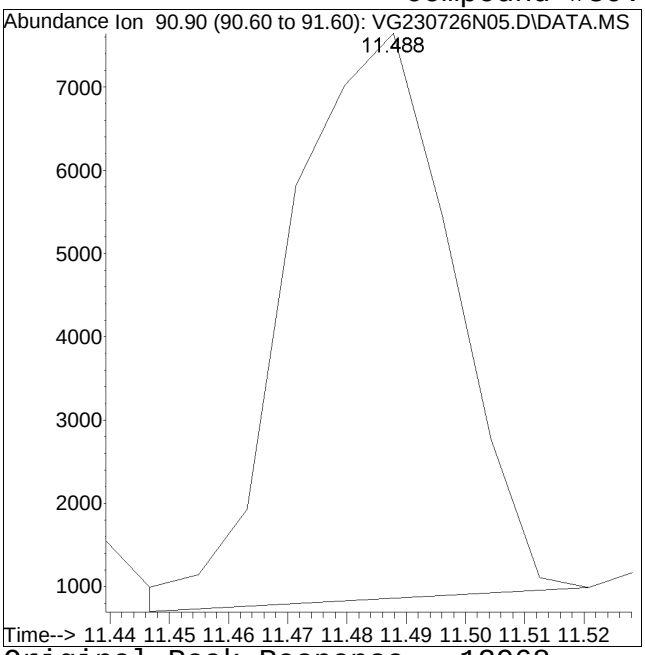
Manual Peak Response = 1765 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

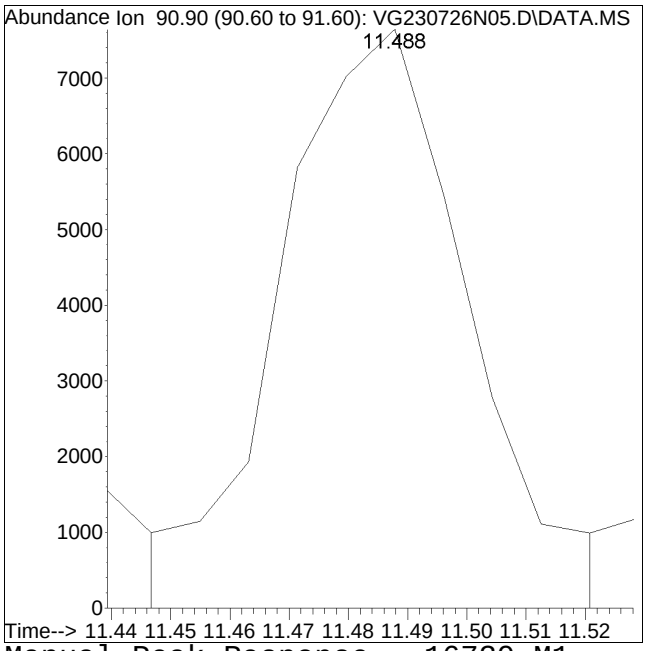
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N05.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 7:37 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 7/27/2023 11:39 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 12968



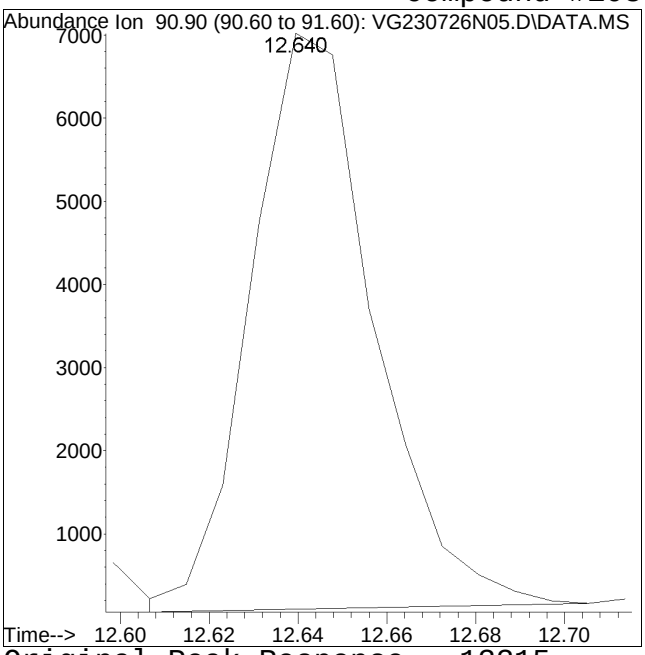
Manual Peak Response = 16730 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

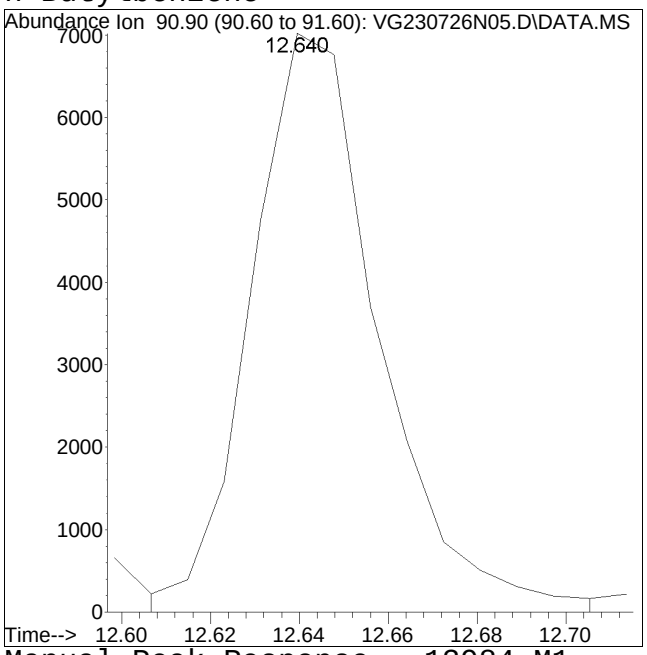
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N05.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 7:37 pm Instrument : Gonzo
Sample : I8260STD0.5PPB Quant Date : 7/27/2023 11:39 am

Compound #103: n-Butylbenzene



Original Peak Response = 13315



Manual Peak Response = 13984 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N07.D
Acq On : 26 Jul 2023 8:24 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG1808529,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 27 11:39:33 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	497526	10.000	ug/L	0.00
Standard Area 1 = 503562			Recovery =	98.80%		
59) Chlorobenzene-d5	9.686	117	419920	10.000	ug/L	0.00
Standard Area 1 = 431052			Recovery =	97.42%		
79) 1,4-Dichlorobenzene-d4	12.360	152	244863	10.000	ug/L	0.00
Standard Area 1 = 250732			Recovery =	97.66%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.327	113	127175	9.962	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.62%		
43) 1,2-Dichloroethane-d4	5.858	65	165076	10.153	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	101.53%		
60) Toluene-d8	7.829	98	530287	9.954	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.54%		
83) 4-Bromofluorobenzene	11.159	95	222157	10.006	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.06%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.695	85	29742	2.156	ug/L	97
3) Chloromethane	1.915	50	41348	2.068	ug/L	99
4) Vinyl chloride	1.969	62	30707	2.132	ug/L	98
5) Bromomethane	2.288	94	16960	2.321	ug/L	97
6) Chloroethane	2.394	64	15706	2.462	ug/L	89
7) Trichlorofluoromethane	2.538	101	31011	1.930	ug/L	99
8) Ethyl ether	2.850	74	11657	1.911	ug/L #	44
10) 1,1-Dichloroethene	3.047	96	21725	2.134	ug/L #	86
11) Carbon disulfide	3.085	76	64392	2.032	ug/L	98
12) Freon-113	3.085	101	22070	2.040	ug/L #	73
13) Iodomethane	3.199	142	24068	1.655	ug/L	95
14) Acrolein	3.389	56	5086	2.300	ug/L	96
15) Methylene chloride	3.617	84	24785	2.023	ug/L #	57
17) Acetone	3.670	43	11569	2.372	ug/L	94
18) trans-1,2-Dichloroethene	3.769	96	23119	2.117	ug/L	81
19) Methyl acetate	3.777	43	21027	2.060	ug/L #	85
20) Methyl tert-butyl ether	3.860	73	68174	1.946	ug/L #	81
21) tert-Butyl alcohol	3.951	59	14459	9.949	ug/L	98
22) Diisopropyl ether	4.217	45	107146	1.929	ug/L	91
23) 1,1-Dichloroethane	4.362	63	49864	2.098	ug/L	96
24) Halothane	4.407	117	16754	1.994	ug/L	94

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N07.D
Acq On : 26 Jul 2023 8:24 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG1808529,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 27 11:39:33 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.422	53	8608	1.823	ug/L		90
26) Ethyl tert-butyl ether	4.567	59	89127	1.924	ug/L	#	80
27) Vinyl acetate	4.605	43	24843M6	1.687	ug/L		
28) cis-1,2-Dichloroethene	4.886	96	25915	2.050	ug/L		86
29) 2,2-Dichloropropane	4.985	77	31971	1.992	ug/L		91
30) Bromochloromethane	5.076	128	10844	2.112	ug/L	#	52
31) Cyclohexane	5.068	56	59567	2.110	ug/L	#	63
32) Chloroform	5.144	83	38286	1.907	ug/L	#	90
33) Ethyl acetate	5.258	43	27603	1.845	ug/L	#	96
34) Carbon tetrachloride	5.273	117	31130	1.962	ug/L		97
35) Tetrahydrofuran	5.304	42	9677M6	1.871	ug/L		
37) 1,1,1-Trichloroethane	5.342	97	37770	2.047	ug/L		94
39) 2-Butanone	5.448	43	10648M6	1.667	ug/L		
40) 1,1-Dichloropropene	5.471	75	32987	2.020	ug/L		98
41) Benzene	5.722	78	95368	2.035	ug/L	#	90
42) tert-Amyl methyl ether	5.820	73	68719	1.935	ug/L		92
44) 1,2-Dichloroethane	5.927	62	35236	2.012	ug/L		98
47) Methyl cyclohexane	6.299	83	41850	2.038	ug/L	#	54
48) Trichloroethene	6.314	95	28118	1.996	ug/L		95
50) Dibromomethane	6.770	93	13417	1.960	ug/L		95
51) 1,2-Dichloropropane	6.861	63	27244	2.003	ug/L		95
53) 2-Chloroethyl vinyl ether	7.557	63	17302	1.980	ug/L	#	85
54) Bromodichloromethane	6.937	83	31746	1.983	ug/L		99
57) 1,4-Dioxane	7.149	88	47945	390.890	ug/L	#	67
58) cis-1,3-Dichloropropene	7.636	75	38621	1.959	ug/L	#	82
61) Toluene	7.894	92	59441	2.041	ug/L		99
62) 4-Methyl-2-pentanone	8.331	58	9361	1.883	ug/L	#	69
63) Tetrachloroethene	8.338	166	26697	2.096	ug/L		99
65) trans-1,3-Dichloropropene	8.388	75	34992	1.956	ug/L		91
67) Ethyl methacrylate	8.567	69	28049	1.927	ug/L		97
68) 1,1,2-Trichloroethane	8.574	83	17766	2.080	ug/L		93
69) Chlorodibromomethane	8.782	129	22827	2.000	ug/L		95
70) 1,3-Dichloropropane	8.889	76	34228	1.958	ug/L		96
71) 1,2-Dibromoethane	9.061	107	19714	1.960	ug/L		97
72) 2-Hexanone	9.348	43	20472	1.950	ug/L		89
73) Chlorobenzene	9.711	112	62306	2.024	ug/L		88
74) Ethylbenzene	9.736	91	112767	2.031	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.793	131	23129	2.008	ug/L		97
76) p/m Xylene	9.925	106	87662	4.140	ug/L		94
77) o Xylene	10.460	106	84234	4.134	ug/L		92

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N07.D
Acq On : 26 Jul 2023 8:24 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG1808529,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 27 11:39:33 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78)	Styrene	10.534	104	141119	4.013	ug/L		94
80)	Bromoform	10.558	173	15882	1.934	ug/L		97
82)	Isopropylbenzene	10.838	105	108846	2.042	ug/L		98
84)	Bromobenzene	11.274	156	28420	2.076	ug/L		97
85)	n-Propylbenzene	11.307	91	131355	2.069	ug/L		96
86)	1,4-Dichlorobutane	11.340	55	45506	1.949	ug/L		97
87)	1,1,2,2-Tetrachloroethane	11.406	83	21924	1.945	ug/L		97
88)	4-Ethyltoluene	11.439	105	107378	2.029	ug/L		97
89)	2-Chlorotoluene	11.480	91	79735M6	2.041	ug/L		
90)	1,3,5-Trimethylbenzene	11.529	105	94196	2.042	ug/L		96
91)	1,2,3-Trichloropropane	11.546	75	21050	1.923	ug/L		99
92)	trans-1,4-Dichloro-2-b...	11.595	53	9209	1.946	ug/L	#	87
93)	4-Chlorotoluene	11.661	91	83184	2.045	ug/L		95
94)	tert-Butylbenzene	11.866	119	75425	2.037	ug/L		93
97)	1,2,4-Trimethylbenzene	11.949	105	88215	1.993	ug/L		95
98)	sec-Butylbenzene	12.056	105	111966	2.067	ug/L		99
99)	p-Isopropyltoluene	12.204	119	91080	1.991	ug/L		97
100)	1,3-Dichlorobenzene	12.286	146	51125	1.995	ug/L		97
101)	1,4-Dichlorobenzene	12.376	146	51585	1.966	ug/L	#	92
102)	p-Diethylbenzene	12.582	119	51195	1.925	ug/L		97
103)	n-Butylbenzene	12.640	91	72023	1.943	ug/L		99
104)	1,2-Dichlorobenzene	12.796	146	50252	2.021	ug/L		97
105)	1,2,4,5-Tetramethylben...	13.372	119	59831	1.737	ug/L		98
106)	1,2-Dibromo-3-chloropr...	13.569	155	4210	1.889	ug/L		98
107)	1,3,5-Trichlorobenzene	13.602	180	31735	1.871	ug/L		95
108)	Hexachlorobutadiene	14.162	225	13741	2.047	ug/L		98
109)	1,2,4-Trichlorobenzene	14.194	180	26196	1.846	ug/L		97
110)	Naphthalene	14.491	128	43178	1.617	ug/L		100
111)	1,2,3-Trichlorobenzene	14.655	180	20996	1.812	ug/L		99

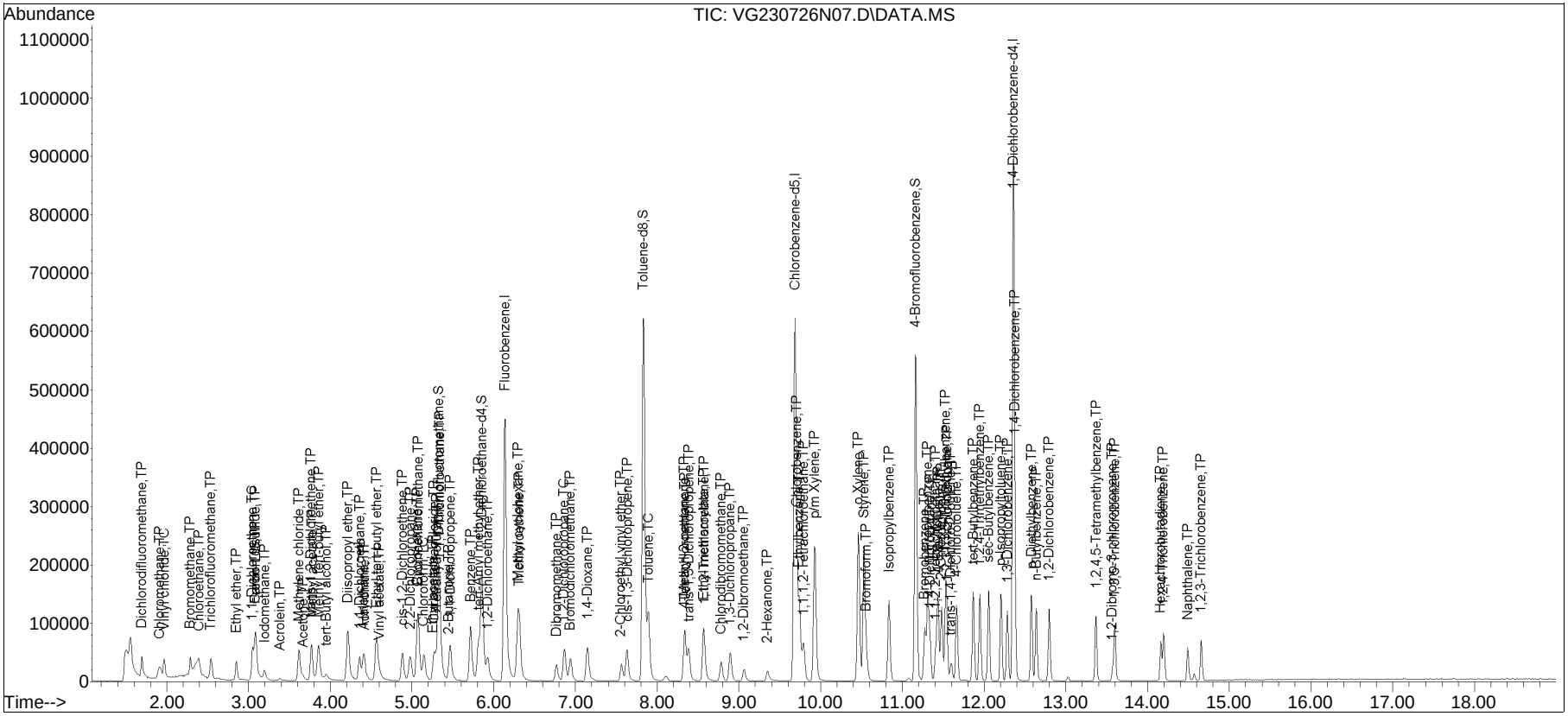
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N07.D
Acq On : 26 Jul 2023 8:24 pm
Operator : GONZO:PID
Sample : I8260STD2PPB
Misc : WG1808529,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 27 11:39:33 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

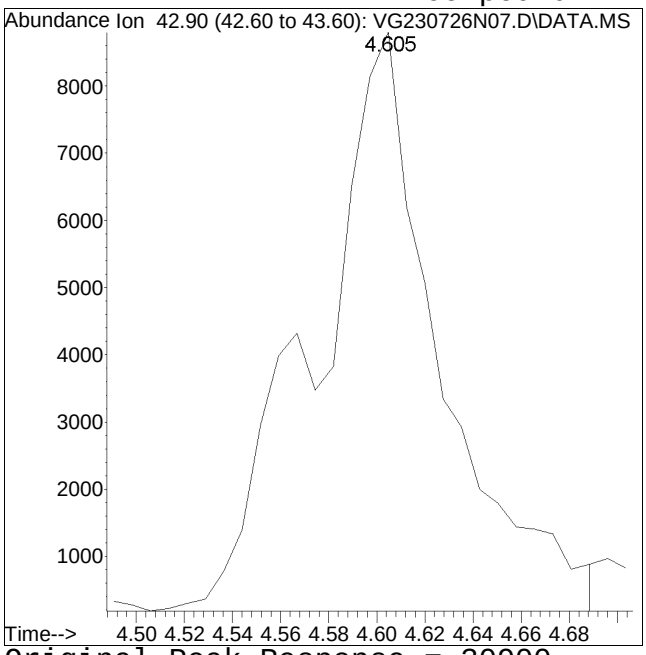
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



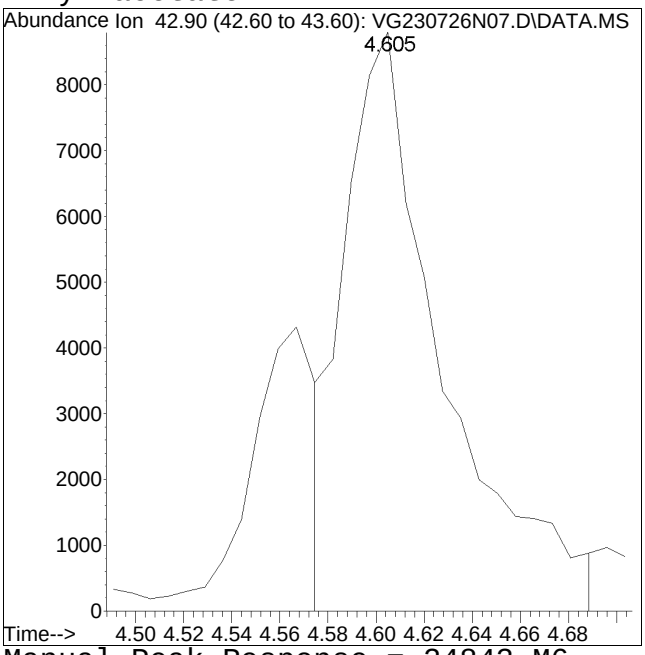
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N07.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 8:24 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 7/27/2023 11:39 am

Compound #27: Vinyl acetate



Original Peak Response = 30900



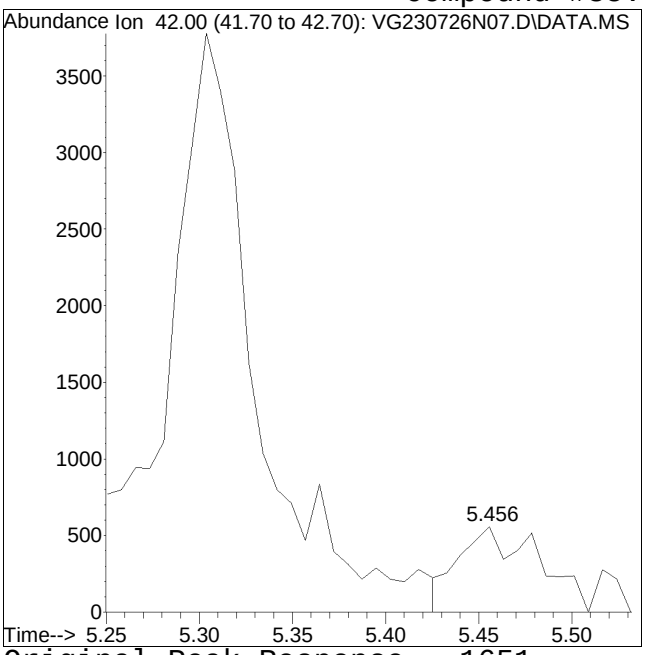
Manual Peak Response = 24843 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

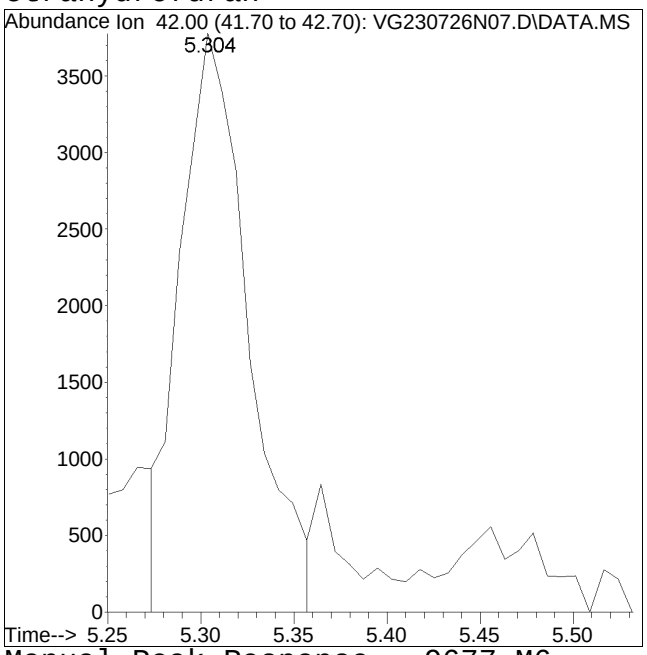
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N07.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 8:24 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 7/27/2023 11:39 am

Compound #35: Tetrahydrofuran



Original Peak Response = 1651



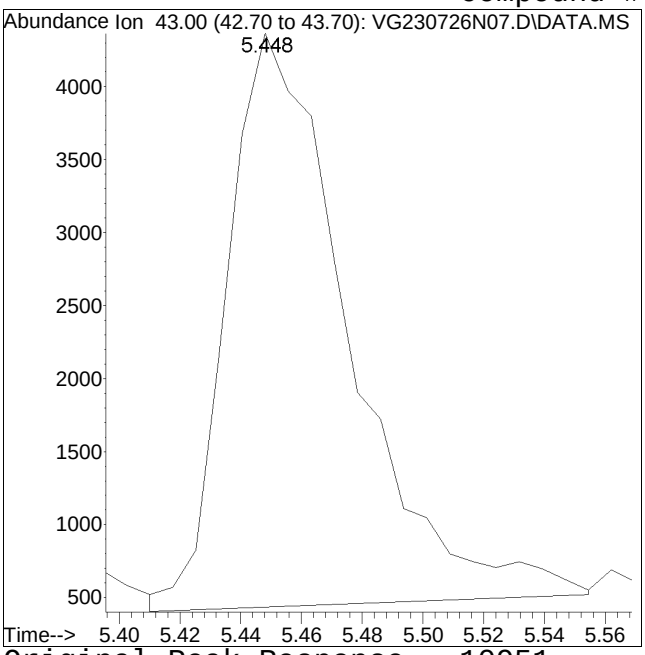
Manual Peak Response = 9677 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

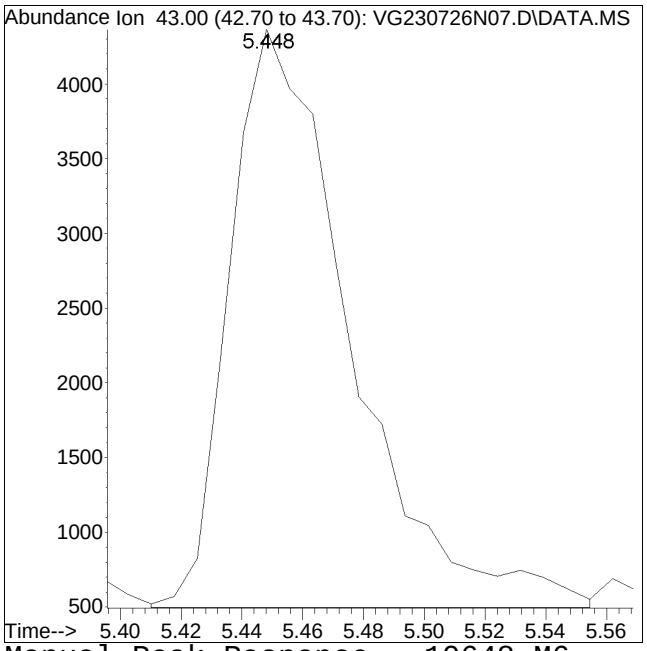
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N07.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 8:24 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 7/27/2023 11:39 am

Compound #39: 2-Butanone



Original Peak Response = 10951



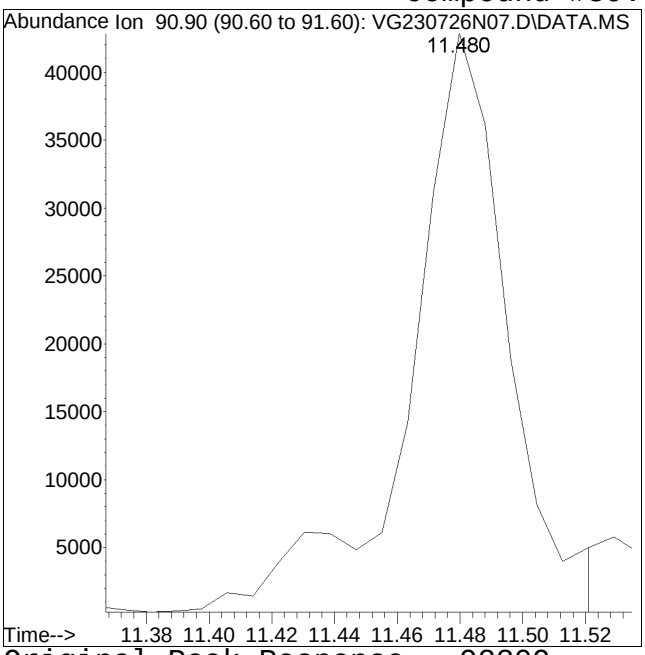
Manual Peak Response = 10648 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

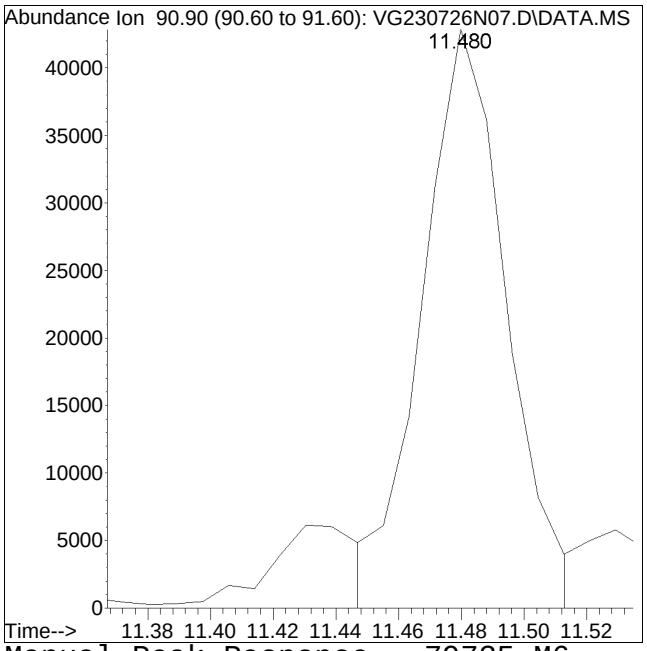
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N07.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 8:24 pm Instrument : Gonzo
Sample : I8260STD2PPB Quant Date : 7/27/2023 11:39 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 92309



Manual Peak Response = 79735 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N09.D
Acq On : 26 Jul 2023 9:12 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 27 11:39:42 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.139	96	503562	10.000 ug/L	0.00
Standard Area 1 = 503562			Recovery = 100.00%		
59) Chlorobenzene-d5	9.686	117	431052	10.000 ug/L	0.00
Standard Area 1 = 431052			Recovery = 100.00%		
79) 1,4-Dichlorobenzene-d4	12.360	152	250732	10.000 ug/L	0.00
Standard Area 1 = 250732			Recovery = 100.00%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.327	113	131434	10.172 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.72%		
43) 1,2-Dichloroethane-d4	5.858	65	172634	10.491 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 104.91%		
60) Toluene-d8	7.829	98	540645	9.886 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.86%		
83) 4-Bromofluorobenzene	11.159	95	222945	9.807 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.07%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.695	85	150974	10.811 ug/L #	96
3) Chloromethane	1.915	50	209421	10.349 ug/L	99
4) Vinyl chloride	1.969	62	157330	10.791 ug/L	98
5) Bromomethane	2.288	94	69818	9.439 ug/L	97
6) Chloroethane	2.394	64	76714	11.879 ug/L	87
7) Trichlorofluoromethane	2.546	101	178424	10.971 ug/L	91
8) Ethyl ether	2.850	74	62717	10.157 ug/L #	63
10) 1,1-Dichloroethene	3.047	96	110329	10.706 ug/L #	73
11) Carbon disulfide	3.085	76	335738	10.469 ug/L	100
12) Freon-113	3.085	101	120053	10.966 ug/L #	78
13) Iodomethane	3.199	142	149693	10.169 ug/L	97
14) Acrolein	3.389	56	20856	9.320 ug/L	96
15) Methylene chloride	3.617	84	117790	9.500 ug/L #	59
17) Acetone	3.663	43	43954	8.903 ug/L	94
18) trans-1,2-Dichloroethene	3.769	96	114384	10.347 ug/L	78
19) Methyl acetate	3.777	43	101519	9.827 ug/L #	85
20) Methyl tert-butyl ether	3.853	73	357355	10.079 ug/L #	83
21) tert-Butyl alcohol	3.951	59	71997	48.945 ug/L	95
22) Diisopropyl ether	4.217	45	574368	10.215 ug/L #	90
23) 1,1-Dichloroethane	4.362	63	247798	10.299 ug/L	98
24) Halothane	4.407	117	90325	10.620 ug/L	99

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N09.D
Acq On : 26 Jul 2023 9:12 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 27 11:39:42 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.415	53	47189	9.873	ug/L		95
26) Ethyl tert-butyl ether	4.567	59	474584	10.121	ug/L	#	77
27) Vinyl acetate	4.590	43	121220M6	8.132	ug/L		
28) cis-1,2-Dichloroethene	4.878	96	127659	9.978	ug/L	#	81
29) 2,2-Dichloropropane	4.977	77	165194	10.168	ug/L		91
30) Bromochloromethane	5.076	128	53609	10.318	ug/L	#	50
31) Cyclohexane	5.068	56	308211	10.787	ug/L		67
32) Chloroform	5.144	83	211652	10.416	ug/L		96
33) Ethyl acetate	5.251	43	147086	9.714	ug/L	#	94
34) Carbon tetrachloride	5.273	117	168683	10.504	ug/L		99
35) Tetrahydrofuran	5.296	42	47892M6	9.149	ug/L		
37) 1,1,1-Trichloroethane	5.342	97	194233	10.402	ug/L		94
39) 2-Butanone	5.440	43	68633	10.614	ug/L	#	63
40) 1,1-Dichloropropene	5.463	75	173905	10.521	ug/L		97
41) Benzene	5.714	78	485056	10.224	ug/L	#	89
42) tert-Amyl methyl ether	5.813	73	367348	10.219	ug/L		95
44) 1,2-Dichloroethane	5.927	62	179781	10.145	ug/L		98
47) Methyl cyclohexane	6.291	83	228831	11.011	ug/L	#	61
48) Trichloroethene	6.314	95	148539	10.416	ug/L		96
50) Dibromomethane	6.762	93	68896	9.942	ug/L		97
51) 1,2-Dichloropropane	6.869	63	141155	10.252	ug/L		97
53) 2-Chloroethyl vinyl ether	7.557	63	90157	10.193	ug/L	#	85
54) Bromodichloromethane	6.937	83	164067	10.124	ug/L		99
57) 1,4-Dioxane	7.149	88	61276	493.588	ug/L	#	67
58) cis-1,3-Dichloropropene	7.629	75	198267	9.939	ug/L	#	85
61) Toluene	7.894	92	307003	10.272	ug/L		100
62) 4-Methyl-2-pentanone	8.331	58	50304	9.860	ug/L	#	74
63) Tetrachloroethene	8.338	166	138042	10.560	ug/L		98
65) trans-1,3-Dichloropropene	8.381	75	180029	9.802	ug/L		93
67) Ethyl methacrylate	8.560	69	149742	10.022	ug/L		94
68) 1,1,2-Trichloroethane	8.567	83	86940	9.916	ug/L		97
69) Chlorodibromomethane	8.782	129	116966	9.985	ug/L		100
70) 1,3-Dichloropropane	8.889	76	181876	10.133	ug/L		98
71) 1,2-Dibromoethane	9.061	107	103289	10.003	ug/L		99
72) 2-Hexanone	9.341	43	104899	9.735	ug/L		91
73) Chlorobenzene	9.703	112	321359	10.169	ug/L		93
74) Ethylbenzene	9.736	91	584532	10.258	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.793	131	119837	10.136	ug/L		99
76) p/m Xylene	9.925	106	452296	20.807	ug/L		93
77) o Xylene	10.460	106	432276	20.669	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N09.D
Acq On : 26 Jul 2023 9:12 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 27 11:39:42 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.526	104	740320	20.509	ug/L		93
80) Bromoform	10.558	173	81075	9.644	ug/L		97
82) Isopropylbenzene	10.838	105	567651	10.401	ug/L		98
84) Bromobenzene	11.274	156	140291	10.007	ug/L		99
85) n-Propylbenzene	11.307	91	675773	10.395	ug/L		97
86) 1,4-Dichlorobutane	11.332	55	238510	9.974	ug/L		97
87) 1,1,2,2-Tetrachloroethane	11.406	83	111556	9.666	ug/L		98
88) 4-Ethyltoluene	11.430	105	562107	10.372	ug/L		98
89) 2-Chlorotoluene	11.480	91	407702M1	10.190	ug/L		
90) 1,3,5-Trimethylbenzene	11.529	105	488012	10.331	ug/L		97
91) 1,2,3-Trichloropropane	11.546	75	109908M4	9.806	ug/L		
92) trans-1,4-Dichloro-2-b...	11.595	53	46822	9.662	ug/L	#	86
93) 4-Chlorotoluene	11.661	91	417631	10.026	ug/L		97
94) tert-Butylbenzene	11.866	119	394820	10.415	ug/L		94
97) 1,2,4-Trimethylbenzene	11.949	105	458027	10.107	ug/L		97
98) sec-Butylbenzene	12.056	105	586138	10.569	ug/L		100
99) p-Isopropyltoluene	12.204	119	486599	10.389	ug/L		97
100) 1,3-Dichlorobenzene	12.286	146	265211	10.105	ug/L		98
101) 1,4-Dichlorobenzene	12.376	146	274724	10.224	ug/L		98
102) p-Diethylbenzene	12.574	119	278566	10.230	ug/L		97
103) n-Butylbenzene	12.631	91	386436	10.181	ug/L		98
104) 1,2-Dichlorobenzene	12.796	146	256246	10.066	ug/L		99
105) 1,2,4,5-Tetramethylben...	13.364	119	336262	9.536	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.569	155	21489	9.416	ug/L		95
107) 1,3,5-Trichlorobenzene	13.594	180	173367	9.983	ug/L		99
108) Hexachlorobutadiene	14.162	225	70448	10.249	ug/L		100
109) 1,2,4-Trichlorobenzene	14.194	180	141572	9.741	ug/L		99
110) Naphthalene	14.491	128	254876	9.321	ug/L		100
111) 1,2,3-Trichlorobenzene	14.655	180	116190	9.793	ug/L		99

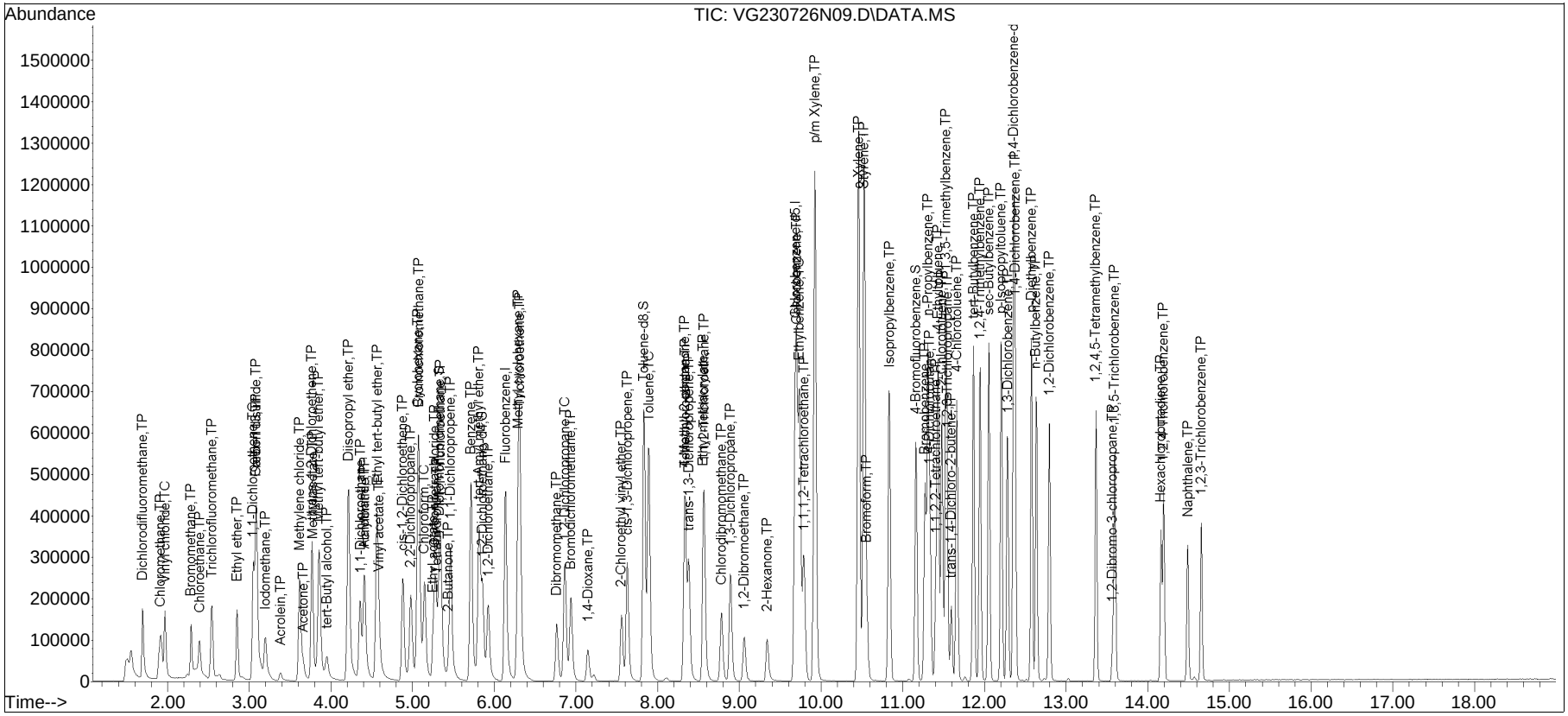
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N09.D
Acq On : 26 Jul 2023 9:12 pm
Operator : GONZO:PID
Sample : I8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 27 11:39:42 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

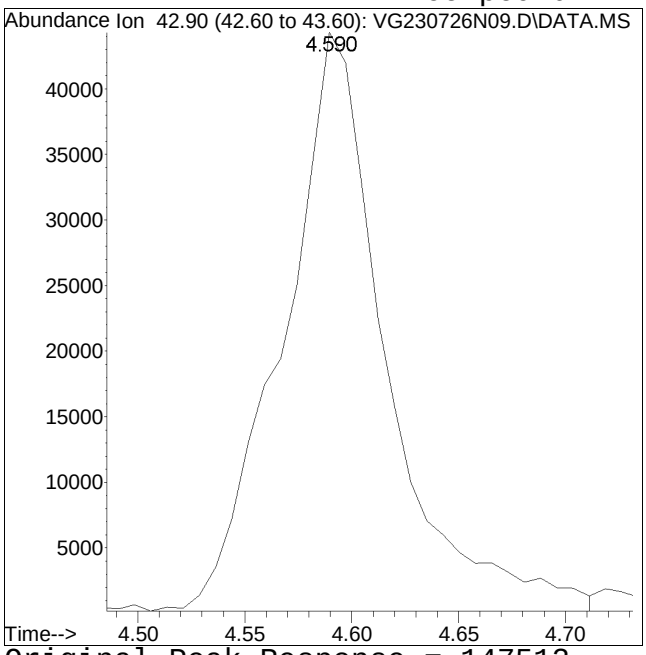
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



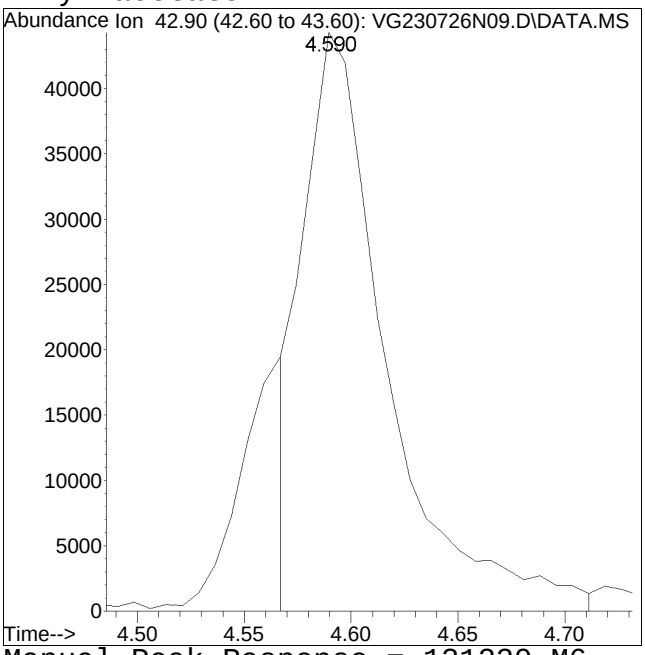
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N09.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 9:12 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 7/27/2023 11:39 am

Compound #27: Vinyl acetate



Original Peak Response = 147512



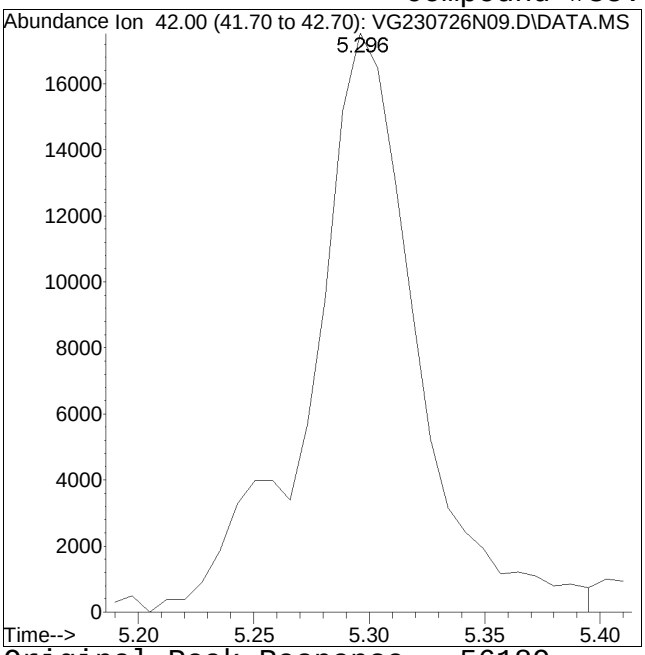
Manual Peak Response = 121220 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

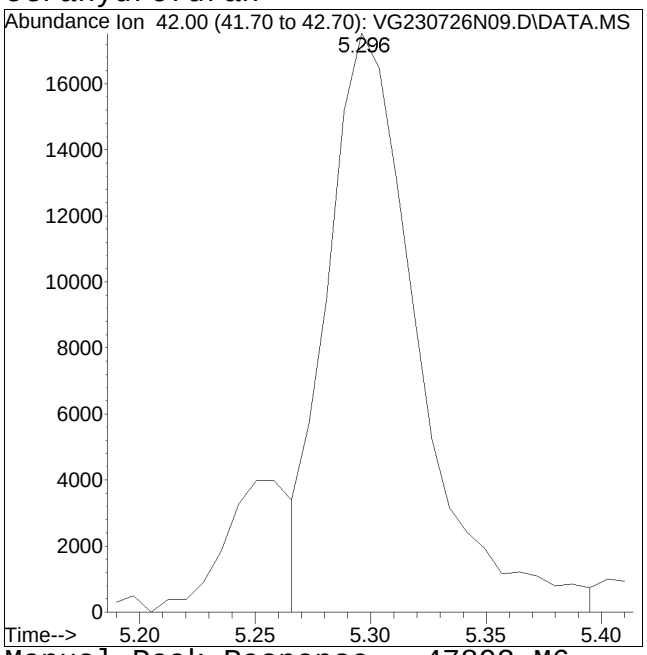
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N09.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 9:12 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 7/27/2023 11:39 am

Compound #35: Tetrahydrofuran



Original Peak Response = 56189



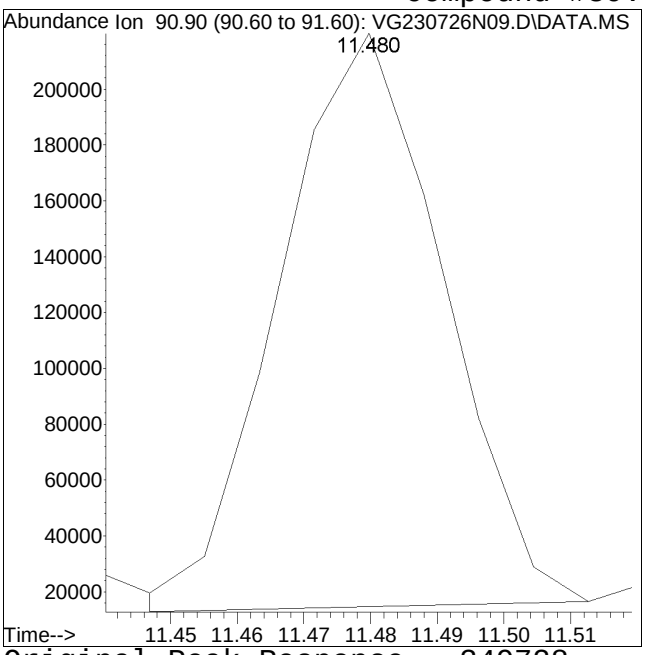
Manual Peak Response = 47892 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

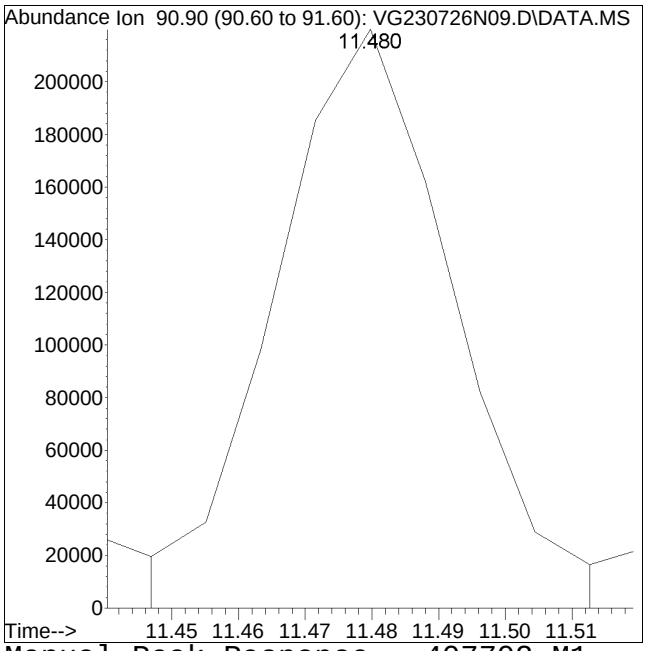
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N09.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 9:12 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 7/27/2023 11:39 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 349728



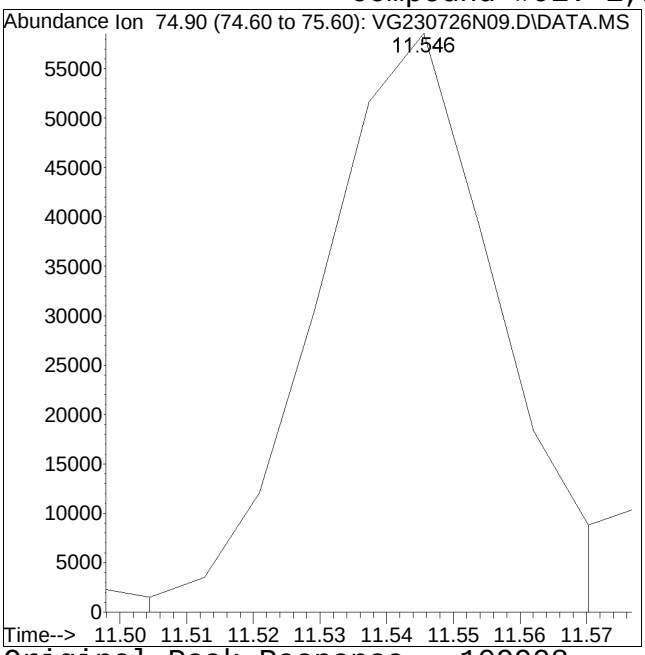
Manual Peak Response = 407702 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

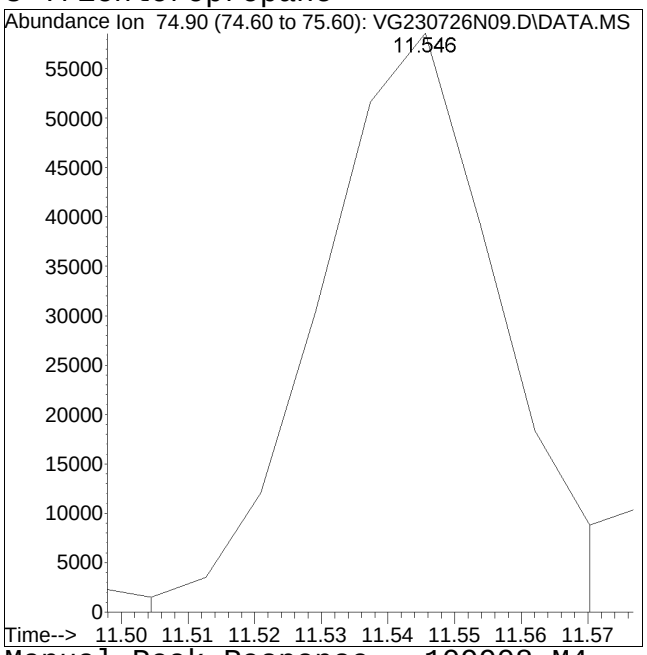
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N09.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 9:12 pm Instrument : Gonzo
Sample : I8260STD10PPB Quant Date : 7/27/2023 11:39 am

Compound #91: 1,2,3-Trichloropropane



Original Peak Response = 109908



Manual Peak Response = 109908 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N10.D
Acq On : 26 Jul 2023 9:36 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG1808529,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 27 11:39:51 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.139	96	508636	10.000 ug/L	0.00
Standard Area 1 = 503562			Recovery = 101.01%		
59) Chlorobenzene-d5	9.686	117	436449	10.000 ug/L	0.00
Standard Area 1 = 431052			Recovery = 101.25%		
79) 1,4-Dichlorobenzene-d4	12.360	152	254130	10.000 ug/L	0.00
Standard Area 1 = 250732			Recovery = 101.36%		
System Monitoring Compounds					
36) Dibromofluoromethane	5.326	113	130822	10.024 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.24%		
43) 1,2-Dichloroethane-d4	5.858	65	165524	9.959 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.59%		
60) Toluene-d8	7.829	98	555217	10.027 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.27%		
83) 4-Bromofluorobenzene	11.159	95	227673	9.881 ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.81%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.695	85	435480	30.873 ug/L	97
3) Chloromethane	1.915	50	604137	29.558 ug/L	99
4) Vinyl chloride	1.968	62	452599	30.734 ug/L	100
5) Bromomethane	2.287	94	196761	26.336 ug/L	98
6) Chloroethane	2.386	64	193053	29.596 ug/L	94
7) Trichlorofluoromethane	2.546	101	512704	31.211 ug/L	99
8) Ethyl ether	2.850	74	185770	29.784 ug/L #	59
10) 1,1-Dichloroethene	3.047	96	311827	29.957 ug/L #	70
11) Carbon disulfide	3.085	76	965488	29.806 ug/L	100
12) Freon-113	3.085	101	344201	31.126 ug/L #	77
13) Iodomethane	3.199	142	483806	32.538 ug/L	98
14) Acrolein	3.381	56	65328	28.903 ug/L	95
15) Methylene chloride	3.617	84	340584	27.195 ug/L #	60
17) Acetone	3.655	43	126415	25.351 ug/L	100
18) trans-1,2-Dichloroethene	3.769	96	331977	29.732 ug/L	76
19) Methyl acetate	3.769	43	319280	30.598 ug/L #	84
20) Methyl tert-butyl ether	3.852	73	1074939	30.015 ug/L #	84
21) tert-Butyl alcohol	3.951	59	220487	148.397 ug/L	96
22) Diisopropyl ether	4.217	45	1706850	30.054 ug/L #	90
23) 1,1-Dichloroethane	4.354	63	731753	30.109 ug/L	97
24) Halothane	4.407	117	266678	31.043 ug/L	99

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N10.D
Acq On : 26 Jul 2023 9:36 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG1808529,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 27 11:39:51 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.407	53	145900	30.220	ug/L		93
26) Ethyl tert-butyl ether	4.567	59	1423447	30.054	ug/L	#	81
27) Vinyl acetate	4.589	43	455134M6	30.228	ug/L		
28) cis-1,2-Dichloroethene	4.878	96	372488	28.824	ug/L	#	80
29) 2,2-Dichloropropane	4.977	77	513935	31.318	ug/L		93
30) Bromochloromethane	5.076	128	154710	29.479	ug/L	#	54
31) Cyclohexane	5.068	56	888041	30.771	ug/L		68
32) Chloroform	5.144	83	611806	29.809	ug/L		96
33) Ethyl acetate	5.250	43	456065	29.818	ug/L	#	95
34) Carbon tetrachloride	5.281	117	483597	29.813	ug/L		97
35) Tetrahydrofuran	5.296	42	144539M6	27.336	ug/L		
37) 1,1,1-Trichloroethane	5.341	97	568726	30.154	ug/L		94
39) 2-Butanone	5.440	43	217835	33.352	ug/L	#	61
40) 1,1-Dichloropropene	5.463	75	512691	30.709	ug/L		97
41) Benzene	5.714	78	1437940	30.006	ug/L	#	89
42) tert-Amyl methyl ether	5.813	73	1082439	29.811	ug/L		94
44) 1,2-Dichloroethane	5.926	62	532867	29.768	ug/L		99
47) Methyl cyclohexane	6.299	83	655068	31.205	ug/L	#	61
48) Trichloroethene	6.314	95	422567	29.336	ug/L		94
50) Dibromomethane	6.762	93	206264	29.469	ug/L		98
51) 1,2-Dichloropropane	6.861	63	412235	29.643	ug/L		96
53) 2-Chloroethyl vinyl ether	7.557	63	265547	29.722	ug/L	#	82
54) Bromodichloromethane	6.937	83	477155	29.150	ug/L		99
57) 1,4-Dioxane	7.141	88	74261	592.217	ug/L	#	71
58) cis-1,3-Dichloropropene	7.628	75	599973	29.775	ug/L	#	87
61) Toluene	7.886	92	893932	29.539	ug/L		100
62) 4-Methyl-2-pentanone	8.323	58	156244	30.245	ug/L	#	79
63) Tetrachloroethene	8.338	166	400202	30.237	ug/L		100
65) trans-1,3-Dichloropropene	8.381	75	554073	29.794	ug/L		94
67) Ethyl methacrylate	8.560	69	449656	29.722	ug/L		94
68) 1,1,2-Trichloroethane	8.567	83	258364	29.105	ug/L		97
69) Chlorodibromomethane	8.782	129	352660	29.732	ug/L		100
70) 1,3-Dichloropropane	8.889	76	534315	29.402	ug/L		100
71) 1,2-Dibromoethane	9.061	107	309744	29.625	ug/L		99
72) 2-Hexanone	9.333	43	325814	29.862	ug/L		91
73) Chlorobenzene	9.703	112	938980	29.346	ug/L		93
74) Ethylbenzene	9.736	91	1708209	29.606	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.785	131	353604	29.538	ug/L		98
76) p/m Xylene	9.925	106	1319153	59.935	ug/L		94
77) o Xylene	10.459	106	1263662	59.674	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N10.D
Acq On : 26 Jul 2023 9:36 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG1808529,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 27 11:39:51 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78)	Styrene	10.525	104	2155765	58.983	ug/L		94
80)	Bromoform	10.558	173	252877	29.678	ug/L		100
82)	Isopropylbenzene	10.830	105	1654631	29.912	ug/L		98
84)	Bromobenzene	11.274	156	417275	29.365	ug/L		99
85)	n-Propylbenzene	11.307	91	1967165	29.854	ug/L		97
86)	1,4-Dichlorobutane	11.331	55	697969	28.799	ug/L		97
87)	1,1,2,2-Tetrachloroethane	11.406	83	343499	29.364	ug/L		99
88)	4-Ethyltoluene	11.430	105	1654953	30.128	ug/L		97
89)	2-Chlorotoluene	11.480	91	1193052M1	29.420	ug/L		
90)	1,3,5-Trimethylbenzene	11.529	105	1406409	29.375	ug/L		97
91)	1,2,3-Trichloropropane	11.545	75	327409	28.822	ug/L		96
92)	trans-1,4-Dichloro-2-b...	11.595	53	145459	29.615	ug/L	#	87
93)	4-Chlorotoluene	11.661	91	1239289	29.355	ug/L		94
94)	tert-Butylbenzene	11.866	119	1155118	30.064	ug/L		95
97)	1,2,4-Trimethylbenzene	11.948	105	1356679	29.538	ug/L		96
98)	sec-Butylbenzene	12.055	105	1692367	30.108	ug/L		99
99)	p-Isopropyltoluene	12.203	119	1426770	30.054	ug/L		98
100)	1,3-Dichlorobenzene	12.278	146	787990	29.623	ug/L		98
101)	1,4-Dichlorobenzene	12.376	146	803238	29.493	ug/L		99
102)	p-Diethylbenzene	12.574	119	826360	29.941	ug/L		97
103)	n-Butylbenzene	12.631	91	1160575	30.167	ug/L		99
104)	1,2-Dichlorobenzene	12.796	146	750368	29.082	ug/L		98
105)	1,2,4,5-Tetramethylben...	13.363	119	1057353	29.586	ug/L		98
106)	1,2-Dibromo-3-chloropr...	13.569	155	66201	28.619	ug/L		95
107)	1,3,5-Trichlorobenzene	13.594	180	522354	29.676	ug/L		97
108)	Hexachlorobutadiene	14.161	225	210125	30.160	ug/L		99
109)	1,2,4-Trichlorobenzene	14.194	180	441030	29.939	ug/L		99
110)	Naphthalene	14.490	128	804053	29.010	ug/L		100
111)	1,2,3-Trichlorobenzene	14.655	180	361047	30.022	ug/L		99

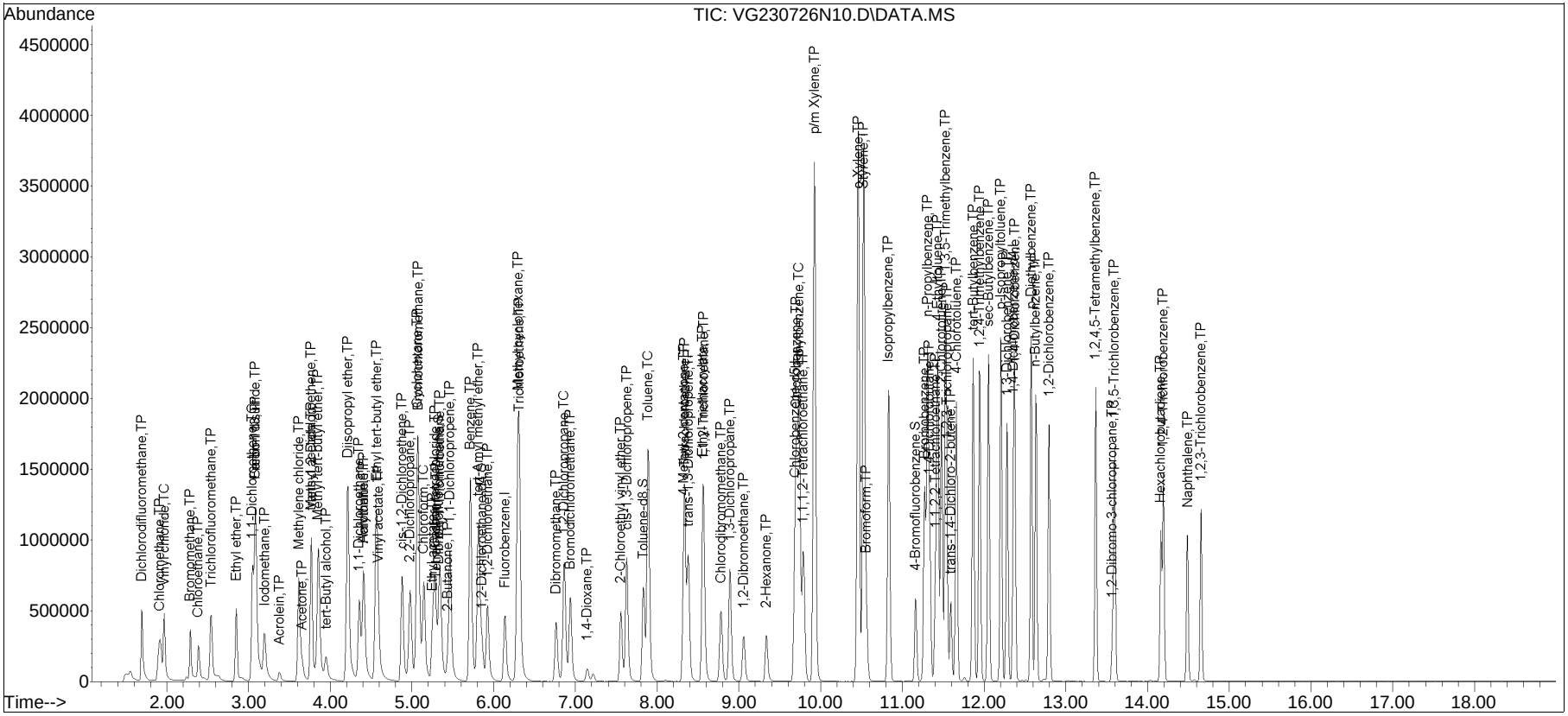
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N10.D
Acq On : 26 Jul 2023 9:36 pm
Operator : GONZO:PID
Sample : I8260STD30PPB
Misc : WG1808529,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 27 11:39:51 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

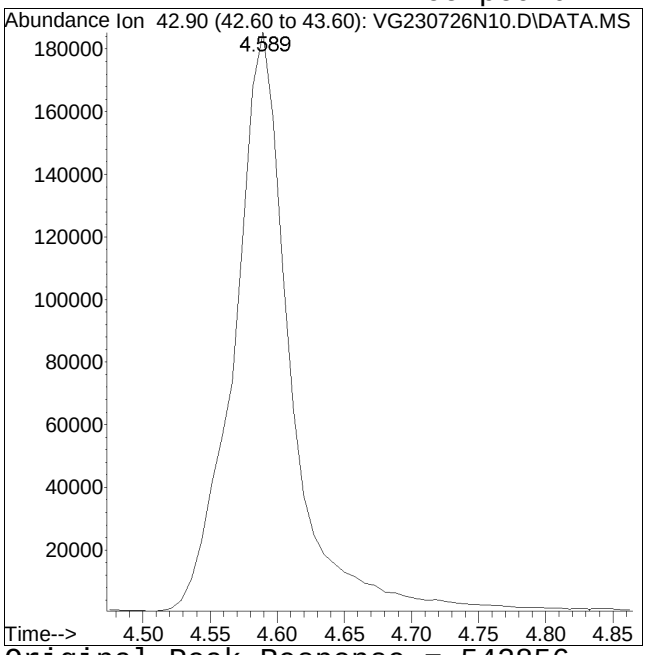
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



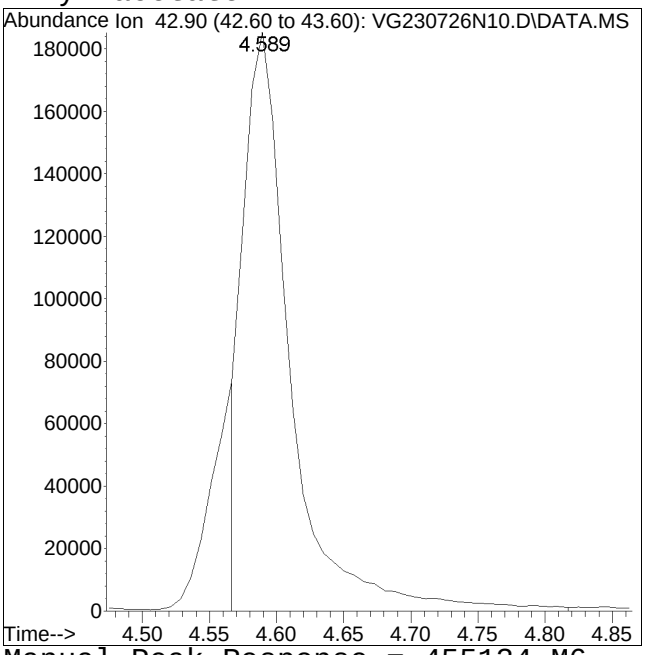
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N10.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 9:36 pm Instrument : Gonzo
Sample : I8260STD30PPB Quant Date : 7/27/2023 11:39 am

Compound #27: Vinyl acetate



Original Peak Response = 542856



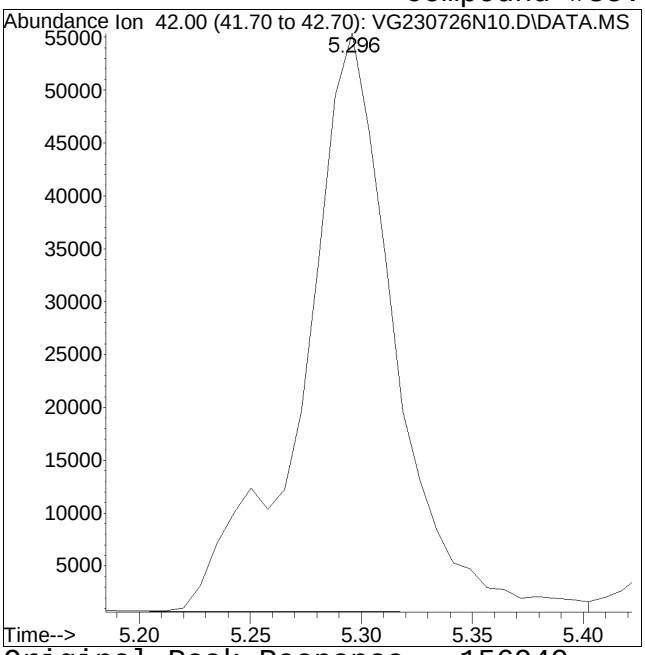
Manual Peak Response = 455134 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

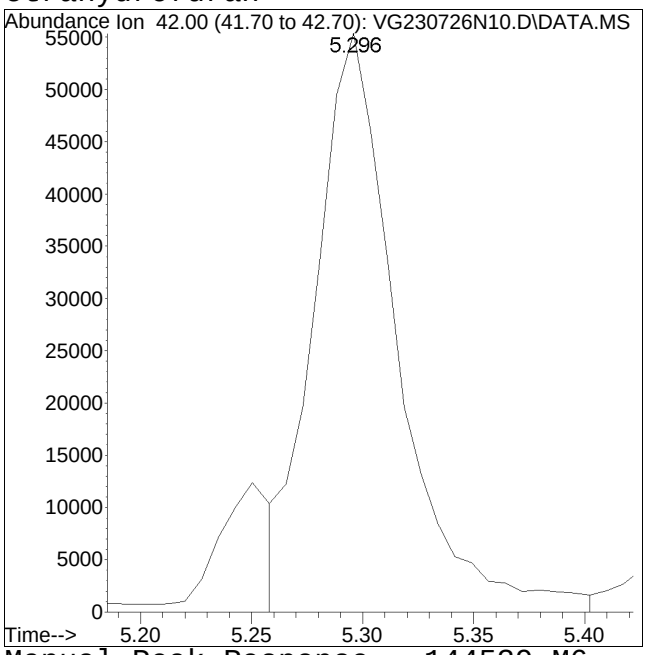
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N10.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 9:36 pm Instrument : Gonzo
Sample : I8260STD30PPB Quant Date : 7/27/2023 11:39 am

Compound #35: Tetrahydrofuran



Original Peak Response = 156949



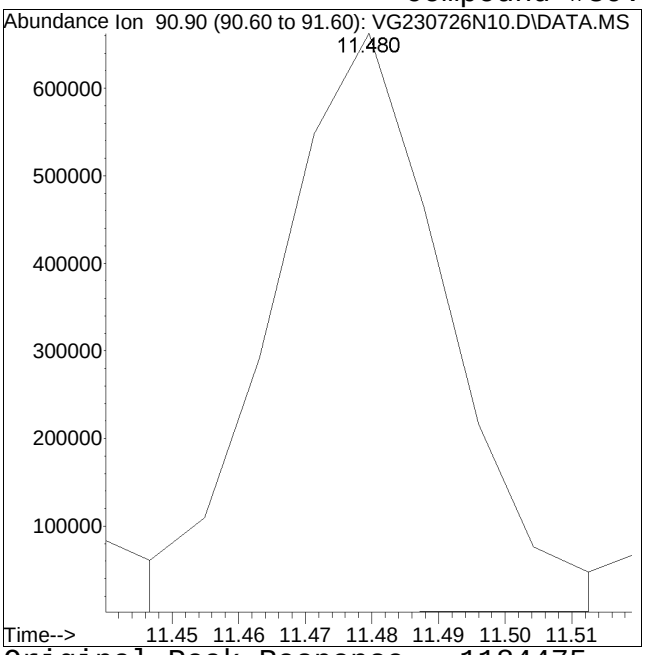
Manual Peak Response = 144539 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

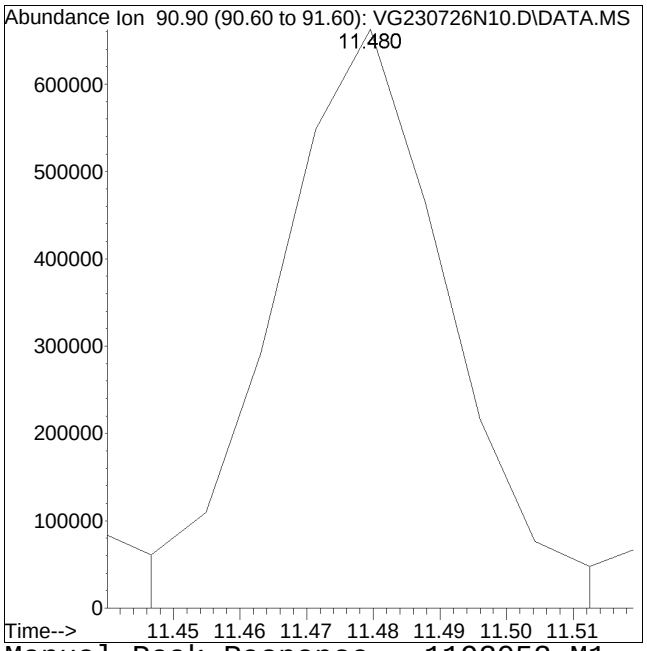
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N10.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 9:36 pm Instrument : Gonzo
Sample : I8260STD30PPB Quant Date : 7/27/2023 11:39 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 1184475



Manual Peak Response = 1193052 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N11.D
Acq On : 26 Jul 2023 10:00 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG1808529,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 27 11:40:00 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	497581	10.000	ug/L	0.00
Standard Area 1 = 503562			Recovery = 98.81%			
59) Chlorobenzene-d5	9.686	117	424617	10.000	ug/L	0.00
Standard Area 1 = 431052			Recovery = 98.51%			
79) 1,4-Dichlorobenzene-d4	12.360	152	248193	10.000	ug/L	0.00
Standard Area 1 = 250732			Recovery = 98.99%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	129089	10.111	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.11%			
43) 1,2-Dichloroethane-d4	5.858	65	163059	10.028	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.28%			
60) Toluene-d8	7.829	98	541764	10.056	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.56%			
83) 4-Bromofluorobenzene	11.159	95	219477	9.753	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.53%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.695	85	1156351	83.800	ug/L	97
3) Chloromethane	1.915	50	1620072	81.023	ug/L	99
4) Vinyl chloride	1.968	62	1205997	83.713	ug/L	100
5) Bromomethane	2.287	94	540136	73.901	ug/L	99
6) Chloroethane	2.386	64	457273	71.660	ug/L	93
7) Trichlorofluoromethane	2.546	101	1387310	86.330	ug/L	99
8) Ethyl ether	2.850	74	490162	80.332	ug/L #	57
10) 1,1-Dichloroethene	3.047	96	843620	82.848	ug/L #	70
11) Carbon disulfide	3.085	76	2643575	83.423	ug/L	99
12) Freon-113	3.085	101	918146	84.872	ug/L #	75
13) Iodomethane	3.192	142	1313415	90.297	ug/L	97
14) Acrolein	3.374	56	176587	79.864	ug/L	99
15) Methylene chloride	3.617	84	912608	74.489	ug/L #	60
17) Acetone	3.655	43	348700	71.482	ug/L	100
18) trans-1,2-Dichloroethene	3.769	96	887534	81.253	ug/L	76
19) Methyl acetate	3.769	43	857461	83.999	ug/L #	84
20) Methyl tert-butyl ether	3.853	73	2899249	82.752	ug/L #	84
21) tert-Butyl alcohol	3.951	59	603491	415.199	ug/L	97
22) Diisopropyl ether	4.217	45	4636724	83.456	ug/L #	90
23) 1,1-Dichloroethane	4.354	63	1961139	82.487	ug/L	97
24) Halothane	4.407	117	716780	85.292	ug/L	98

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N11.D
Acq On : 26 Jul 2023 10:00 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG1808529,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 27 11:40:00 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.407	53	399141	84.511	ug/L		94
26) Ethyl tert-butyl ether	4.567	59	3888028	83.913	ug/L	#	81
27) Vinyl acetate	4.589	43	1279968M6	86.897	ug/L		
28) cis-1,2-Dichloroethene	4.878	96	1013661	80.183	ug/L	#	82
29) 2,2-Dichloropropane	4.977	77	1348236	83.984	ug/L		93
30) Bromochloromethane	5.076	128	401972	78.295	ug/L	#	51
31) Cyclohexane	5.068	56	2371270	83.991	ug/L		68
32) Chloroform	5.144	83	1665285	82.940	ug/L		96
33) Ethyl acetate	5.243	43	1253616	83.784	ug/L	#	94
34) Carbon tetrachloride	5.273	117	1348913	85.007	ug/L		99
35) Tetrahydrofuran	5.296	42	386265M6	74.676	ug/L		
37) 1,1,1-Trichloroethane	5.342	97	1531233	82.990	ug/L		94
39) 2-Butanone	5.433	43	583171	91.272	ug/L	#	61
40) 1,1-Dichloropropene	5.463	75	1380893	84.549	ug/L		97
41) Benzene	5.714	78	3888916	82.955	ug/L	#	89
42) tert-Amyl methyl ether	5.813	73	2963557	83.432	ug/L		95
44) 1,2-Dichloroethane	5.927	62	1422123	81.211	ug/L		99
47) Methyl cyclohexane	6.299	83	1747845	85.111	ug/L	#	61
48) Trichloroethene	6.314	95	1129092	80.126	ug/L		94
50) Dibromomethane	6.762	93	555287	81.097	ug/L		98
51) 1,2-Dichloropropane	6.861	63	1111367	81.690	ug/L		96
53) 2-Chloroethyl vinyl ether	7.557	63	728712	83.376	ug/L	#	83
54) Bromodichloromethane	6.937	83	1307713	81.663	ug/L		99
57) 1,4-Dioxane	7.141	88	99305	809.533	ug/L	#	70
58) cis-1,3-Dichloropropene	7.629	75	1629204	82.650	ug/L	#	87
61) Toluene	7.886	92	2426058	82.400	ug/L		99
62) 4-Methyl-2-pentanone	8.323	58	423944	84.352	ug/L	#	81
63) Tetrachloroethene	8.338	166	1066212	82.802	ug/L		98
65) trans-1,3-Dichloropropene	8.381	75	1505223	83.196	ug/L		95
67) Ethyl methacrylate	8.560	69	1220921	82.952	ug/L		93
68) 1,1,2-Trichloroethane	8.567	83	691605	80.080	ug/L		98
69) Chlorodibromomethane	8.782	129	966979	83.797	ug/L		100
70) 1,3-Dichloropropane	8.889	76	1455478	82.323	ug/L		100
71) 1,2-Dibromoethane	9.054	107	841658	82.743	ug/L		99
72) 2-Hexanone	9.333	43	891171	83.954	ug/L		91
73) Chlorobenzene	9.703	112	2542457	81.674	ug/L		94
74) Ethylbenzene	9.736	91	4642899	82.712	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.785	131	971783	83.440	ug/L		99
76) p/m Xylene	9.925	106	3520814	164.423	ug/L		91
77) o Xylene	10.460	106	3402860	165.172	ug/L		90

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N11.D
Acq On : 26 Jul 2023 10:00 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG1808529,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 27 11:40:00 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78)	Styrene	10.525	104	5890978	165.671	ug/L		93
80)	Bromoform	10.558	173	696633	83.714	ug/L		99
82)	Isopropylbenzene	10.830	105	4486483	83.045	ug/L		97
84)	Bromobenzene	11.274	156	1128905	81.345	ug/L		99
85)	n-Propylbenzene	11.307	91	5303882	82.418	ug/L		96
86)	1,4-Dichlorobutane	11.332	55	1887343	79.736	ug/L		97
87)	1,1,2,2-Tetrachloroethane	11.406	83	926876	81.130	ug/L		100
88)	4-Ethyltoluene	11.430	105	4439372	82.752	ug/L		97
89)	2-Chlorotoluene	11.480	91	3222317M1	81.363	ug/L		
90)	1,3,5-Trimethylbenzene	11.529	105	3824308	81.786	ug/L		96
91)	1,2,3-Trichloropropane	11.545	75	888298	80.069	ug/L		96
92)	trans-1,4-Dichloro-2-b...	11.595	53	404753	84.379	ug/L	#	88
93)	4-Chlorotoluene	11.661	91	3377551	81.917	ug/L		94
94)	tert-Butylbenzene	11.866	119	3098084	82.561	ug/L		94
97)	1,2,4-Trimethylbenzene	11.949	105	3733816	83.239	ug/L		96
98)	sec-Butylbenzene	12.055	105	4553232	82.941	ug/L		99
99)	p-Isopropyltoluene	12.204	119	3887626	83.849	ug/L		98
100)	1,3-Dichlorobenzene	12.278	146	2134207	82.150	ug/L		98
101)	1,4-Dichlorobenzene	12.376	146	2158392	81.147	ug/L		99
102)	p-Diethylbenzene	12.574	119	2267623	84.126	ug/L		97
103)	n-Butylbenzene	12.631	91	3219539	85.687	ug/L		99
104)	1,2-Dichlorobenzene	12.796	146	2036065	80.800	ug/L		98
105)	1,2,4,5-Tetramethylben...	13.363	119	3084911	88.384	ug/L		98
106)	1,2-Dibromo-3-chloropr...	13.569	155	183909	81.406	ug/L		96
107)	1,3,5-Trichlorobenzene	13.594	180	1476218	85.874	ug/L		98
108)	Hexachlorobutadiene	14.161	225	574303	84.403	ug/L		99
109)	1,2,4-Trichlorobenzene	14.194	180	1263646	87.834	ug/L		99
110)	Naphthalene	14.482	128	2438301	90.078	ug/L		100
111)	1,2,3-Trichlorobenzene	14.655	180	1041758	88.698	ug/L		98

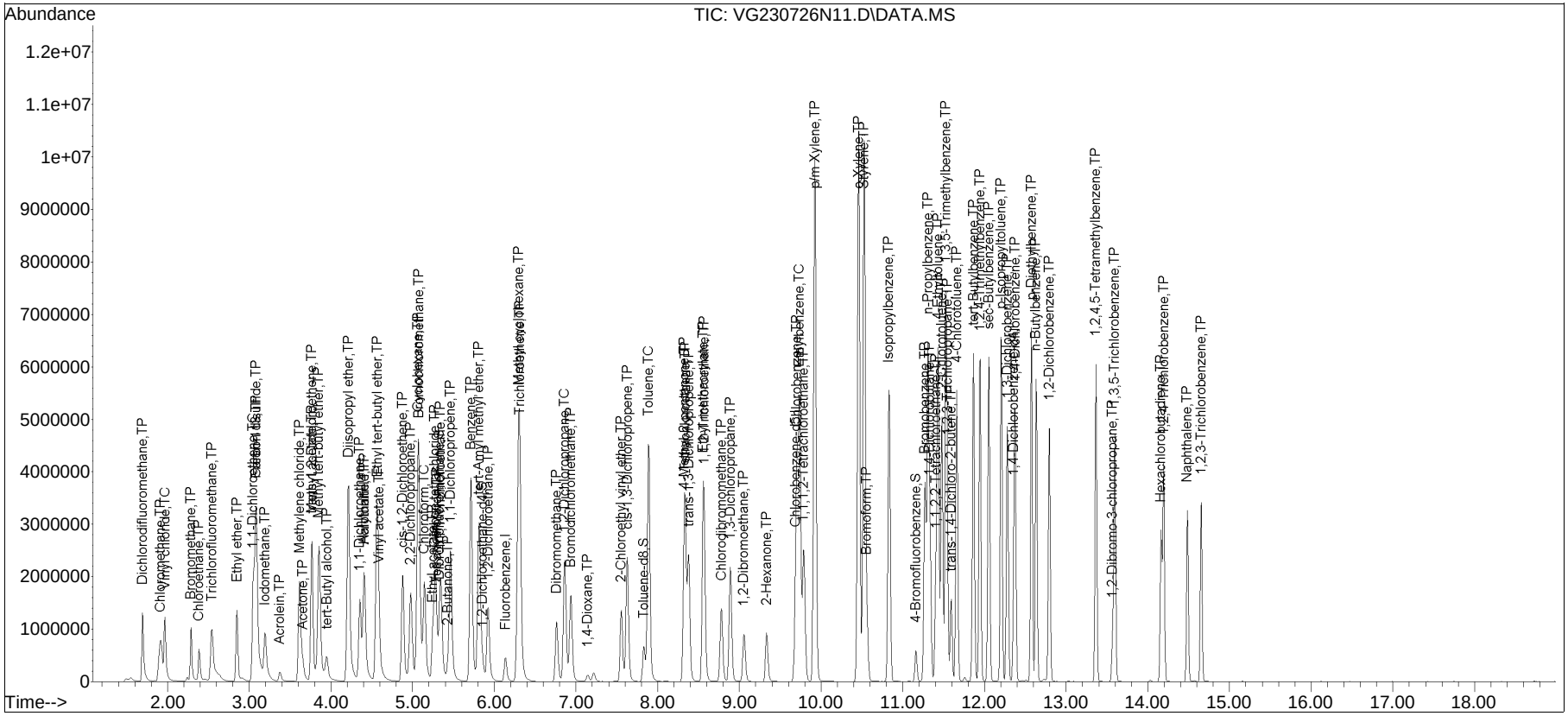
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N11.D
Acq On : 26 Jul 2023 10:00 pm
Operator : GONZO:PID
Sample : I8260STD80PPB
Misc : WG1808529,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 27 11:40:00 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

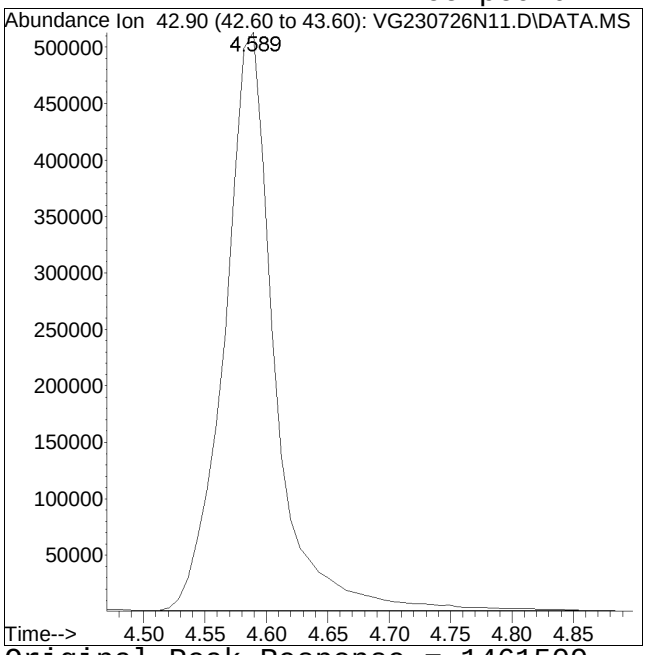
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



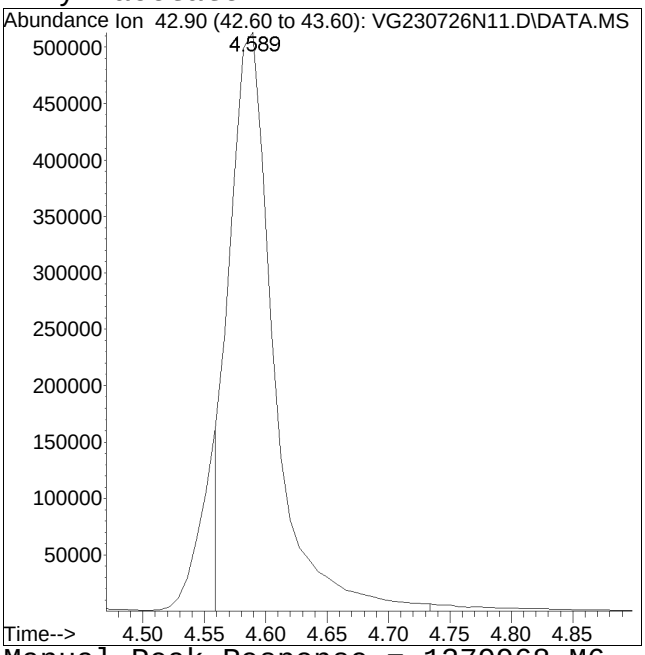
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N11.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:00 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 7/27/2023 11:39 am

Compound #27: Vinyl acetate



Original Peak Response = 1461509



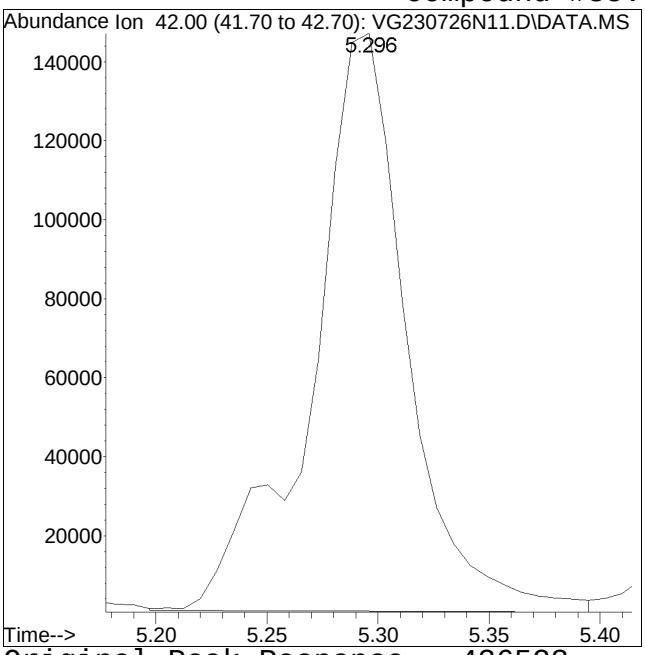
Manual Peak Response = 1279968 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

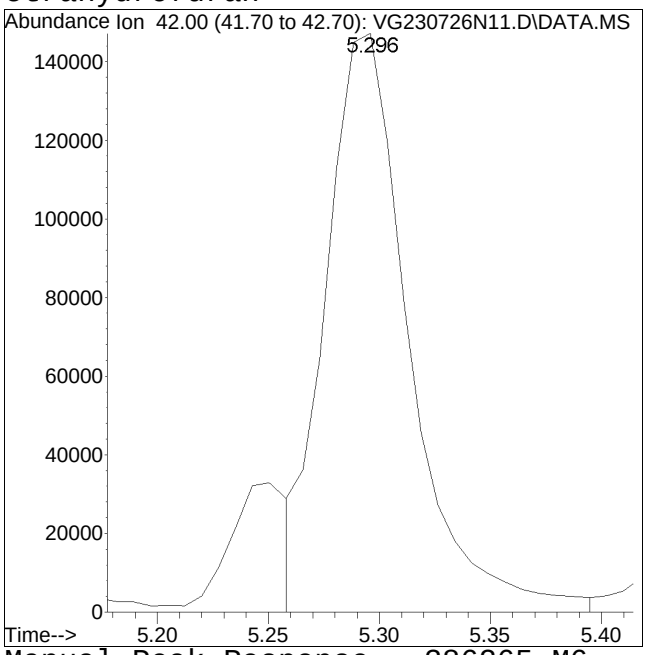
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N11.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:00 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 7/27/2023 11:39 am

Compound #35: Tetrahydrofuran



Original Peak Response = 436523



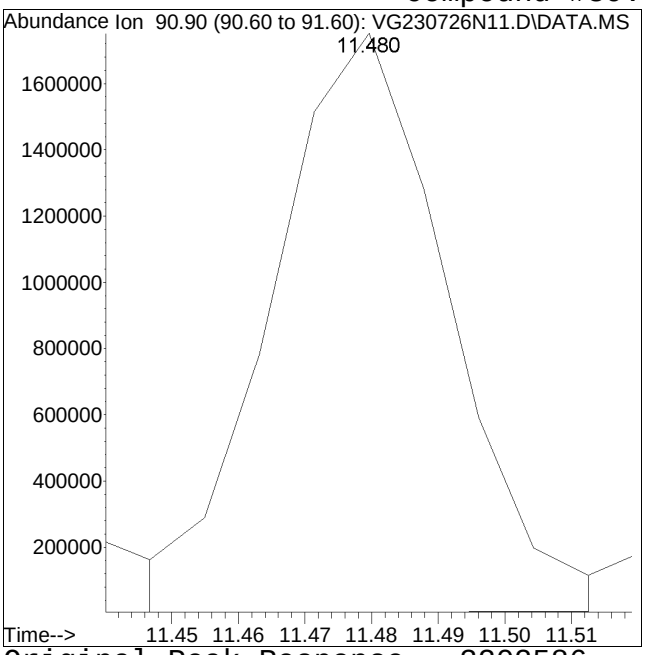
Manual Peak Response = 386265 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

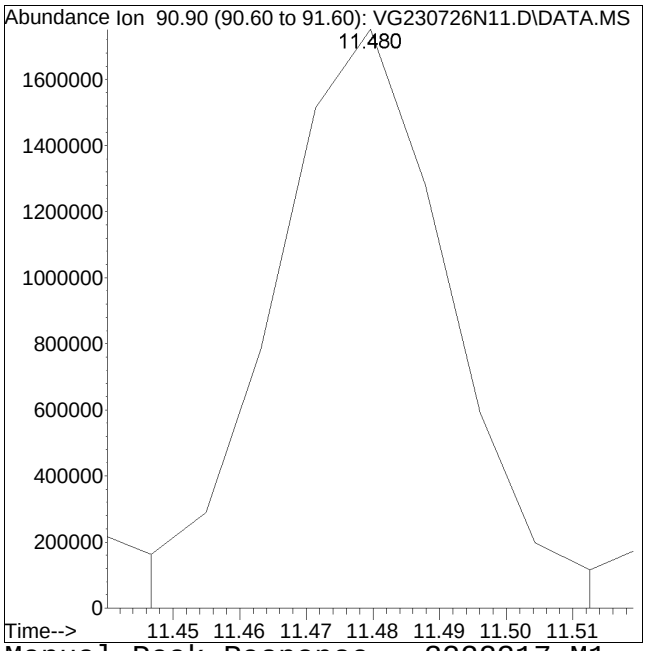
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N11.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:00 pm Instrument : Gonzo
Sample : I8260STD80PPB Quant Date : 7/27/2023 11:39 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 3202586



Manual Peak Response = 3222317 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N12.D
Acq On : 26 Jul 2023 10:23 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG1808529,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 27 11:40:09 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	499159	10.000	ug/L	0.00
Standard Area 1 = 503562			Recovery = 99.13%			
59) Chlorobenzene-d5	9.686	117	434493	10.000	ug/L	0.00
Standard Area 1 = 431052			Recovery = 100.80%			
79) 1,4-Dichlorobenzene-d4	12.360	152	248241	10.000	ug/L	0.00
Standard Area 1 = 250732			Recovery = 99.01%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	130360	10.178	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.78%			
43) 1,2-Dichloroethane-d4	5.858	65	167181	10.249	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 102.49%			
60) Toluene-d8	7.829	98	550787	9.992	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.92%			
83) 4-Bromofluorobenzene	11.159	95	226723	10.073	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.73%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.695	85	1698913	122.730	ug/L	97
3) Chloromethane	1.915	50	2437916	121.540	ug/L	99
4) Vinyl chloride	1.968	62	1798007	124.412	ug/L	100
5) Bromomethane	2.288	94	842231	114.870	ug/L	98
6) Chloroethane	2.386	64	614766	96.036	ug/L	95
7) Trichlorofluoromethane	2.538	101	2036142	126.306	ug/L	99
8) Ethyl ether	2.850	74	743519	121.469	ug/L #	58
10) 1,1-Dichloroethene	3.055	96	1263040	123.645	ug/L #	71
11) Carbon disulfide	3.085	76	3929086	123.598	ug/L	99
12) Freon-113	3.085	101	1345473	123.980	ug/L #	73
13) Iodomethane	3.192	142	1902519	130.384	ug/L	98
14) Acrolein	3.374	56	269435	121.470	ug/L	98
15) Methylene chloride	3.617	84	1367703	111.282	ug/L #	59
17) Acetone	3.655	43	529423	108.187	ug/L	100
18) trans-1,2-Dichloroethene	3.769	96	1337743	122.083	ug/L	77
19) Methyl acetate	3.769	43	1284371	125.422	ug/L #	85
20) Methyl tert-butyl ether	3.853	73	4381727	124.670	ug/L #	85
21) tert-Butyl alcohol	3.951	59	908442	623.028	ug/L	96
22) Diisopropyl ether	4.217	45	6982942	125.289	ug/L #	90
23) 1,1-Dichloroethane	4.354	63	2947248	123.572	ug/L	97
24) Halothane	4.407	117	1062934	126.082	ug/L	98

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N12.D
Acq On : 26 Jul 2023 10:23 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG1808529,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 27 11:40:09 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.407	53	599306	126.492	ug/L		93
26) Ethyl tert-butyl ether	4.567	59	5853710	125.938	ug/L	#	81
27) Vinyl acetate	4.589	43	2007143M6	135.835	ug/L		
28) cis-1,2-Dichloroethene	4.878	96	1523837	120.159	ug/L	#	81
29) 2,2-Dichloropropane	4.977	77	2005714	124.545	ug/L		93
30) Bromochloromethane	5.076	128	596458	115.809	ug/L	#	53
31) Cyclohexane	5.068	56	3457086	122.063	ug/L		67
32) Chloroform	5.144	83	2489724	123.610	ug/L		95
33) Ethyl acetate	5.250	43	1889215	125.864	ug/L	#	94
34) Carbon tetrachloride	5.273	117	1979605	124.358	ug/L		99
35) Tetrahydrofuran	5.296	42	575454M6	110.899	ug/L		
37) 1,1,1-Trichloroethane	5.342	97	2271605	122.728	ug/L		94
39) 2-Butanone	5.433	43	899044	140.264	ug/L	#	62
40) 1,1-Dichloropropene	5.463	75	2038741	124.433	ug/L		97
41) Benzene	5.714	78	5833229	124.035	ug/L	#	89
42) tert-Amyl methyl ether	5.813	73	4466096	125.336	ug/L		95
44) 1,2-Dichloroethane	5.927	62	2132783	121.409	ug/L		99
47) Methyl cyclohexane	6.299	83	2526872	122.657	ug/L	#	61
48) Trichloroethene	6.314	95	1657342	117.241	ug/L		95
50) Dibromomethane	6.762	93	836593	121.794	ug/L		97
51) 1,2-Dichloropropane	6.861	63	1681575	123.212	ug/L		96
53) 2-Chloroethyl vinyl ether	7.557	63	1090656	124.394	ug/L	#	82
54) Bromodichloromethane	6.937	83	1959653	121.989	ug/L		98
57) 1,4-Dioxane	7.141	88	152616	1240.191	ug/L	#	74
58) cis-1,3-Dichloropropene	7.629	75	2457326	124.266	ug/L	#	87
61) Toluene	7.886	92	3636471	120.704	ug/L		100
62) 4-Methyl-2-pentanone	8.323	58	640902	124.622	ug/L	#	82
63) Tetrachloroethene	8.338	166	1573836	119.446	ug/L		99
65) trans-1,3-Dichloropropene	8.381	75	2268842	122.552	ug/L		95
67) Ethyl methacrylate	8.560	69	1843336	122.393	ug/L		93
68) 1,1,2-Trichloroethane	8.567	83	1037308	117.378	ug/L		98
69) Chlorodibromomethane	8.782	129	1467394	124.272	ug/L		99
70) 1,3-Dichloropropane	8.889	76	2201195	121.671	ug/L		100
71) 1,2-Dibromoethane	9.061	107	1269829	121.998	ug/L		99
72) 2-Hexanone	9.333	43	1309909	120.597	ug/L		92
73) Chlorobenzene	9.703	112	3819398	119.905	ug/L		93
74) Ethylbenzene	9.736	91	6976540	121.460	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.793	131	1476822	123.922	ug/L		99
76) p/m Xylene	9.925	106	5246979	239.466	ug/L		90
77) o Xylene	10.460	106	5063938	240.213	ug/L		89

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N12.D
Acq On : 26 Jul 2023 10:23 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG1808529,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 27 11:40:09 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78)	Styrene	10.525	104	8855089	243.370	ug/L		93
80)	Bromoform	10.567	173	1048469	125.969	ug/L		99
82)	Isopropylbenzene	10.830	105	6696174	123.922	ug/L		97
84)	Bromobenzene	11.274	156	1685258	121.411	ug/L		99
85)	n-Propylbenzene	11.307	91	7947666	123.476	ug/L		96
86)	1,4-Dichlorobutane	11.332	55	2866023	121.059	ug/L		96
87)	1,1,2,2-Tetrachloroethane	11.406	83	1423076	124.538	ug/L		99
88)	4-Ethyltoluene	11.430	105	6647772	123.893	ug/L		97
89)	2-Chlorotoluene	11.480	91	4872908M1	123.016	ug/L		
90)	1,3,5-Trimethylbenzene	11.529	105	5735914	122.644	ug/L		95
91)	1,2,3-Trichloropropane	11.545	75	1341165	120.865	ug/L		96
92)	trans-1,4-Dichloro-2-b...	11.595	53	611009	127.353	ug/L	#	89
93)	4-Chlorotoluene	11.661	91	5088997	123.402	ug/L		94
94)	tert-Butylbenzene	11.866	119	4612832	122.904	ug/L		94
97)	1,2,4-Trimethylbenzene	11.949	105	5662166	126.203	ug/L		95
98)	sec-Butylbenzene	12.055	105	6797520	123.799	ug/L		99
99)	p-Isopropyltoluene	12.204	119	5815485	125.406	ug/L		98
100)	1,3-Dichlorobenzene	12.286	146	3193869	122.914	ug/L		98
101)	1,4-Dichlorobenzene	12.376	146	3220960	121.072	ug/L		98
102)	p-Diethylbenzene	12.574	119	3387532	125.649	ug/L		97
103)	n-Butylbenzene	12.640	91	4795288	127.601	ug/L		99
104)	1,2-Dichlorobenzene	12.796	146	3060328	121.423	ug/L		98
105)	1,2,4,5-Tetramethylben...	13.363	119	4724686	135.338	ug/L		97
106)	1,2-Dibromo-3-chloropr...	13.569	155	281753	124.692	ug/L		97
107)	1,3,5-Trichlorobenzene	13.594	180	2195588	127.696	ug/L		98
108)	Hexachlorobutadiene	14.161	225	859135	126.239	ug/L		99
109)	1,2,4-Trichlorobenzene	14.194	180	1913457	132.976	ug/L		99
110)	Naphthalene	14.482	128	3753567	138.641	ug/L		100
111)	1,2,3-Trichlorobenzene	14.655	180	1569904	133.641	ug/L		98

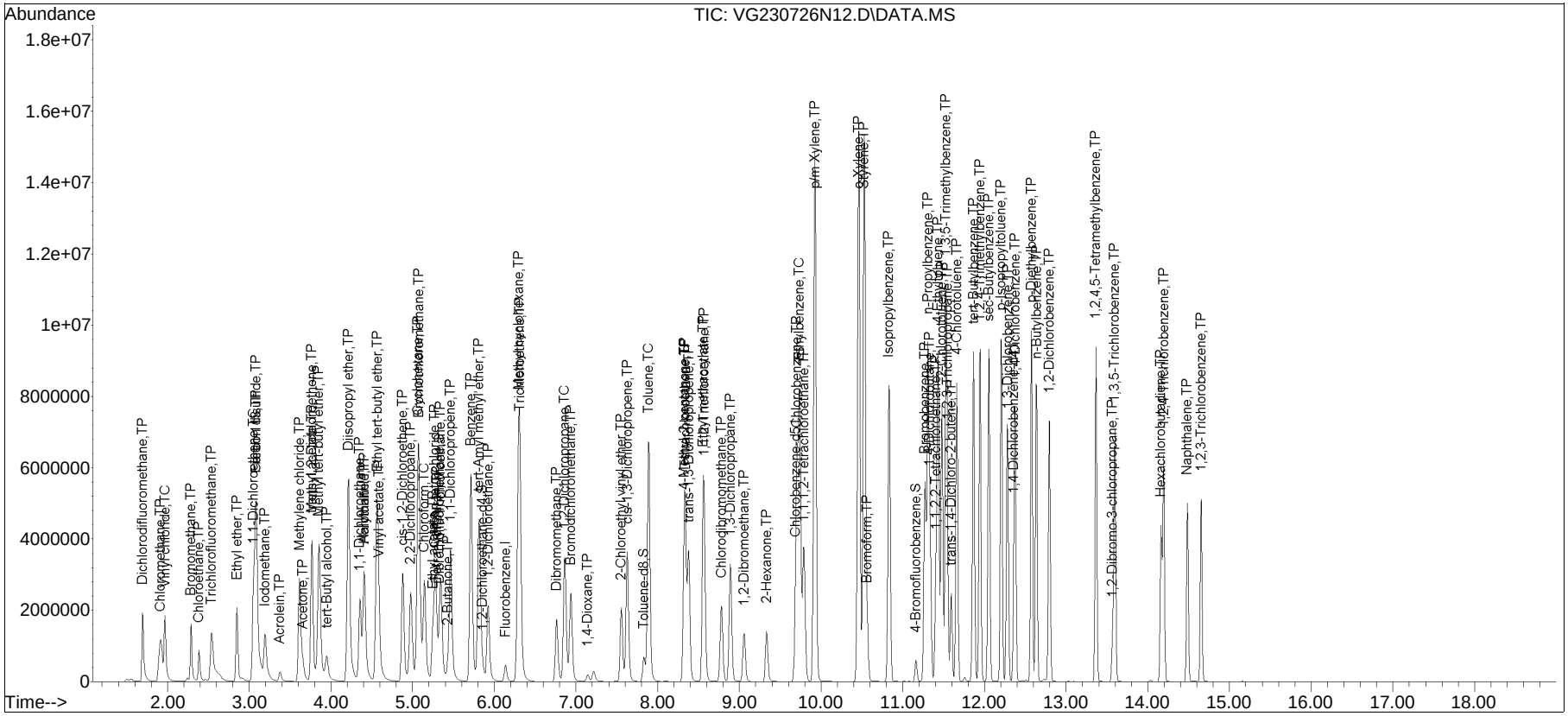
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N12.D
Acq On : 26 Jul 2023 10:23 pm
Operator : GONZO:PID
Sample : I8260STD120PPB
Misc : WG1808529,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 27 11:40:09 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

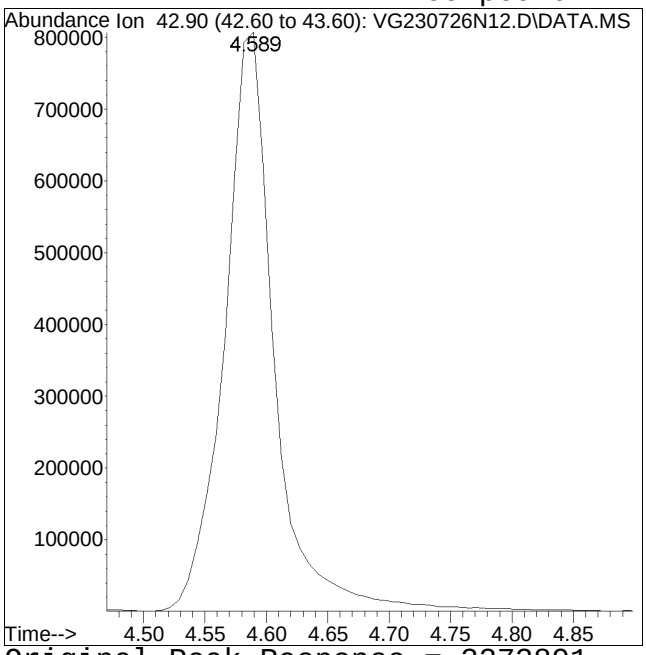
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



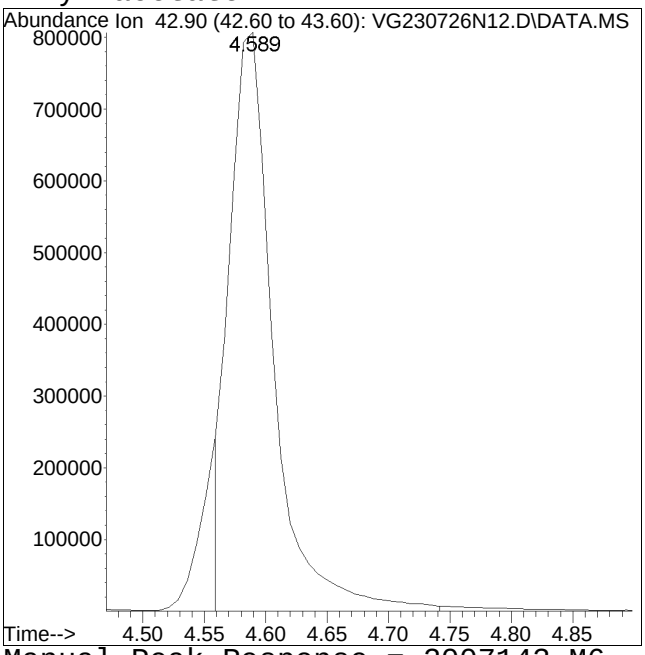
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N12.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:23 pm Instrument : Gonzo
Sample : I8260STD120PPB Quant Date : 7/27/2023 11:40 am

Compound #27: Vinyl acetate



Original Peak Response = 2273891



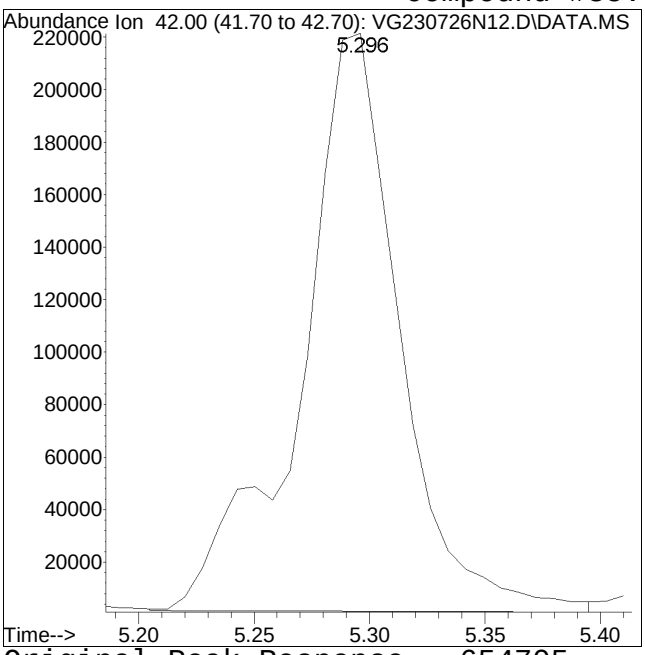
Manual Peak Response = 2007143 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

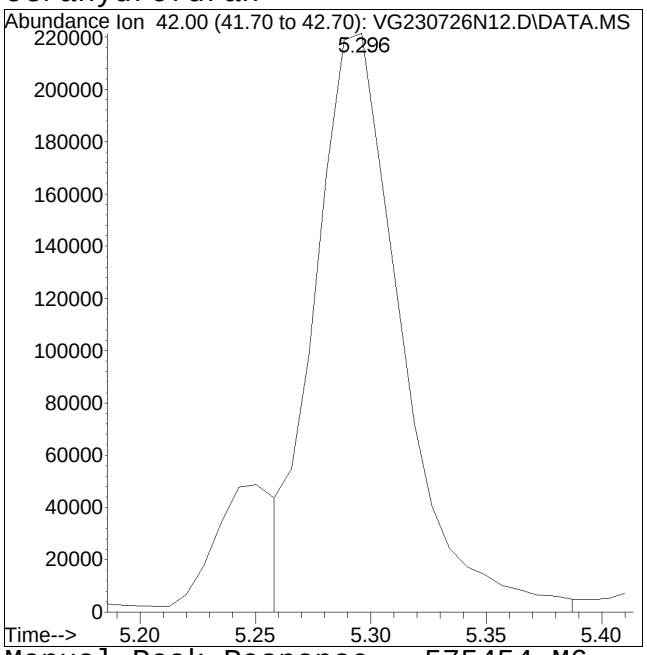
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N12.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:23 pm Instrument : Gonzo
Sample : I8260STD120PPB Quant Date : 7/27/2023 11:40 am

Compound #35: Tetrahydrofuran



Original Peak Response = 654705



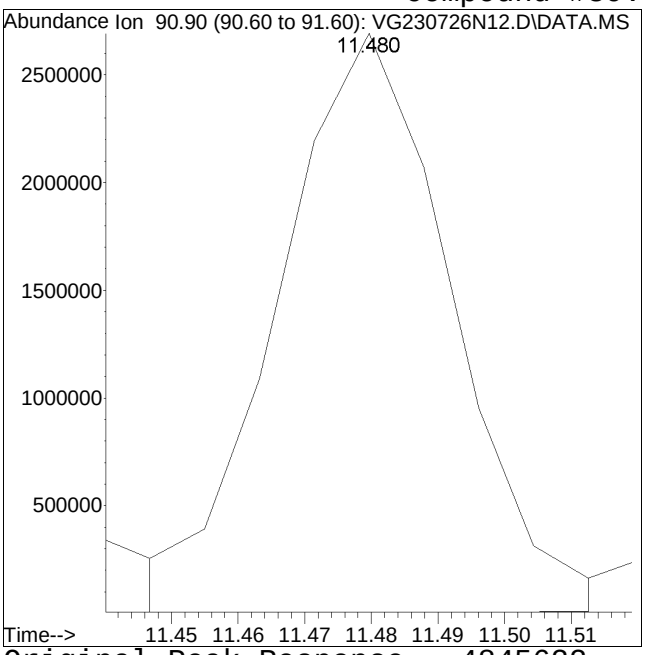
Manual Peak Response = 575454 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

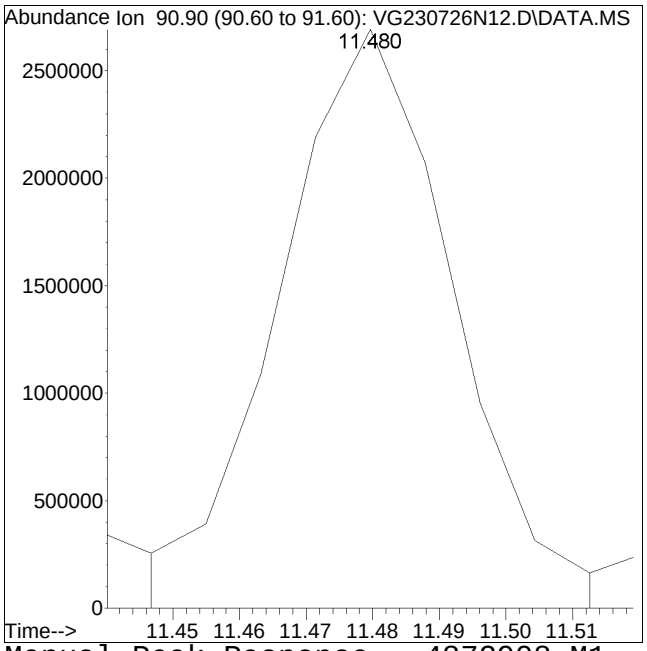
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N12.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:23 pm Instrument : Gonzo
Sample : I8260STD120PPB Quant Date : 7/27/2023 11:40 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 4845622



Manual Peak Response = 4872908 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N13.D
Acq On : 26 Jul 2023 10:47 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG1808529,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 27 11:40:18 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	499843	10.000	ug/L	0.00
Standard Area 1 = 503562			Recovery = 99.26%			
59) Chlorobenzene-d5	9.686	117	431240	10.000	ug/L	0.00
Standard Area 1 = 431052			Recovery = 100.04%			
79) 1,4-Dichlorobenzene-d4	12.360	152	245782	10.000	ug/L	0.00
Standard Area 1 = 250732			Recovery = 98.03%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	132335	10.318	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 103.18%			
43) 1,2-Dichloroethane-d4	5.858	65	164519	10.072	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 100.72%			
60) Toluene-d8	7.829	98	555574	10.154	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 101.54%			
83) 4-Bromofluorobenzene	11.159	95	222626	9.990	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 99.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.695	85	2789379	201.229	ug/L	97
3) Chloromethane	1.915	50	4201296	209.165	ug/L	99
4) Vinyl chloride	1.968	62	3113932	215.171	ug/L	99
5) Bromomethane	2.288	94	1512697	206.031	ug/L	98
6) Chloroethane	2.386	64	985204	153.694	ug/L	95
7) Trichlorofluoromethane	2.538	101	3453456	213.931	ug/L	99
8) Ethyl ether	2.850	74	1262426	205.962	ug/L #	58
10) 1,1-Dichloroethene	3.055	96	2165345	211.686	ug/L #	70
11) Carbon disulfide	3.078	76	6775727	212.853	ug/L	99
12) Freon-113	3.085	101	2238571	205.993	ug/L #	68
13) Iodomethane	3.192	142	3183142	217.849	ug/L	97
14) Acrolein	3.374	56	440620	198.374	ug/L	97
15) Methylene chloride	3.617	84	2326846	189.063	ug/L #	59
17) Acetone	3.655	43	891060	181.838	ug/L	99
18) trans-1,2-Dichloroethene	3.769	96	2304322	210.005	ug/L	76
19) Methyl acetate	3.769	43	2141146	208.802	ug/L #	85
20) Methyl tert-butyl ether	3.853	73	7408499	210.500	ug/L #	85
21) tert-Butyl alcohol	3.951	59	1503398	1029.651	ug/L	95
22) Diisopropyl ether	4.217	45	11949257	214.101	ug/L #	89
23) 1,1-Dichloroethane	4.362	63	4912456	205.687	ug/L	97
24) Halothane	4.407	117	1799026	213.103	ug/L	100

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N13.D
Acq On : 26 Jul 2023 10:47 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG1808529,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 27 11:40:18 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.407	53	999108	210.587	ug/L		93
26) Ethyl tert-butyl ether	4.567	59	9977812	214.371	ug/L	#	79
27) Vinyl acetate	4.582	43	3002499M6	202.918	ug/L		
28) cis-1,2-Dichloroethene	4.878	96	2627704	206.918	ug/L	#	80
29) 2,2-Dichloropropane	4.977	77	3380524	209.627	ug/L		93
30) Bromochloromethane	5.076	128	989848	191.927	ug/L	#	53
31) Cyclohexane	5.068	56	5853979	206.410	ug/L		68
32) Chloroform	5.144	83	4240861	210.263	ug/L		95
33) Ethyl acetate	5.243	43	3119295	207.531	ug/L	#	94
34) Carbon tetrachloride	5.273	117	3327593	208.752	ug/L		99
35) Tetrahydrofuran	5.296	42	945136M6	181.894	ug/L		
37) 1,1,1-Trichloroethane	5.342	97	3900452	210.441	ug/L		94
39) 2-Butanone	5.433	43	1469035	228.878	ug/L	#	63
40) 1,1-Dichloropropene	5.463	75	3506304	213.712	ug/L		97
41) Benzene	5.714	78	10100651	214.482	ug/L	#	89
42) tert-Amyl methyl ether	5.813	73	7600512	213.007	ug/L		95
44) 1,2-Dichloroethane	5.927	62	3623698	205.998	ug/L		99
47) Methyl cyclohexane	6.299	83	4227741	204.937	ug/L	#	60
48) Trichloroethene	6.314	95	2883071	203.671	ug/L		94
50) Dibromomethane	6.762	93	1408444	204.765	ug/L		97
51) 1,2-Dichloropropane	6.861	63	2861533	209.384	ug/L		96
53) 2-Chloroethyl vinyl ether	7.557	63	1779489	202.680	ug/L	#	82
54) Bromodichloromethane	6.937	83	3375881	209.861	ug/L		99
57) 1,4-Dioxane	7.149	88	252372	2048.023	ug/L	#	73
58) cis-1,3-Dichloropropene	7.629	75	4194698	211.834	ug/L	#	87
61) Toluene	7.886	92	6231961	208.416	ug/L		99
62) 4-Methyl-2-pentanone	8.323	58	1053838	206.462	ug/L	#	83
63) Tetrachloroethene	8.338	166	2655877	203.088	ug/L		98
65) trans-1,3-Dichloropropene	8.381	75	3877308	211.013	ug/L		96
67) Ethyl methacrylate	8.560	69	3053838	204.298	ug/L		94
68) 1,1,2-Trichloroethane	8.567	83	1756253	200.230	ug/L		97
69) Chlorodibromomethane	8.782	129	2495443	212.930	ug/L		99
70) 1,3-Dichloropropane	8.889	76	3732958	207.895	ug/L		100
71) 1,2-Dibromoethane	9.061	107	2147567	207.883	ug/L		99
72) 2-Hexanone	9.333	43	2173249	201.590	ug/L		92
73) Chlorobenzene	9.703	112	6516592	206.123	ug/L		93
74) Ethylbenzene	9.736	91	12053836	211.437	ug/L		97
75) 1,1,1,2-Tetrachloroethane	9.793	131	2516609	212.765	ug/L		99
76) p/m Xylene	9.925	106	8895316	409.033	ug/L		91
77) o Xylene	10.468	106	8576736	409.915	ug/L		92

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N13.D
Acq On : 26 Jul 2023 10:47 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG1808529,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 27 11:40:18 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Styrene	10.534	104	14853648	411.311	ug/L		92
80) Bromoform	10.567	173	1780047	216.005	ug/L		99
82) Isopropylbenzene	10.838	105	11498959	214.934	ug/L		96
84) Bromobenzene	11.274	156	2814041	204.760	ug/L		99
85) n-Propylbenzene	11.307	91	13434332	210.805	ug/L		95
86) 1,4-Dichlorobutane	11.340	55	4804129	204.954	ug/L		96
87) 1,1,2,2-Tetrachloroethane	11.406	83	2317542	204.845	ug/L		98
88) 4-Ethyltoluene	11.439	105	11306756	212.830	ug/L		96
89) 2-Chlorotoluene	11.480	91	8390393M6	213.933	ug/L		
90) 1,3,5-Trimethylbenzene	11.529	105	9723958	209.996	ug/L		95
91) 1,2,3-Trichloropropane	11.546	75	2214560	201.572	ug/L		96
92) trans-1,4-Dichloro-2-b...	11.595	53	1014848	213.641	ug/L	#	89
93) 4-Chlorotoluene	11.661	91	8712701	213.386	ug/L		93
94) tert-Butylbenzene	11.866	119	7737813	208.228	ug/L		93
97) 1,2,4-Trimethylbenzene	11.949	105	9647830	217.190	ug/L		95
98) sec-Butylbenzene	12.056	105	11418989	210.048	ug/L		98
99) p-Isopropyltoluene	12.212	119	9748040	212.310	ug/L		98
100) 1,3-Dichlorobenzene	12.286	146	5393942	209.660	ug/L		98
101) 1,4-Dichlorobenzene	12.376	146	5471947	207.741	ug/L		98
102) p-Diethylbenzene	12.582	119	5765844	216.005	ug/L		97
103) n-Butylbenzene	12.640	91	8227366	221.117	ug/L		99
104) 1,2-Dichlorobenzene	12.796	146	5147472	206.278	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.364	119	8200602	237.256	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.569	155	463269	207.075	ug/L		96
107) 1,3,5-Trichlorobenzene	13.602	180	3691389	216.841	ug/L		98
108) Hexachlorobutadiene	14.161	225	1379774	204.768	ug/L		99
109) 1,2,4-Trichlorobenzene	14.194	180	3146446	220.851	ug/L		99
110) Naphthalene	14.482	128	6301482	235.079	ug/L		100
111) 1,2,3-Trichlorobenzene	14.655	180	2515624	216.289	ug/L		98

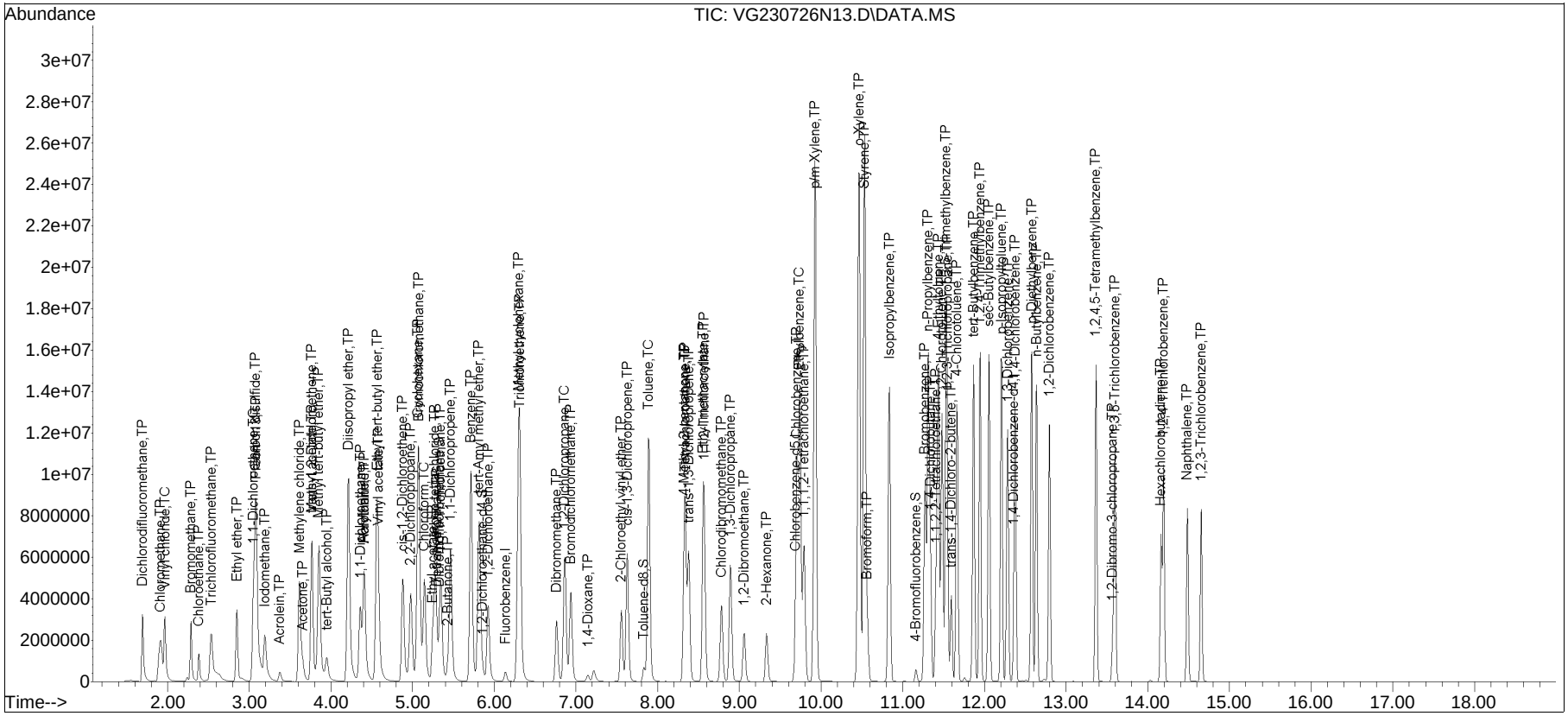
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N13.D
Acq On : 26 Jul 2023 10:47 pm
Operator : GONZO:PID
Sample : I8260STD200PPB
Misc : WG1808529,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 27 11:40:18 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:38:51 2023
Response via : Initial Calibration

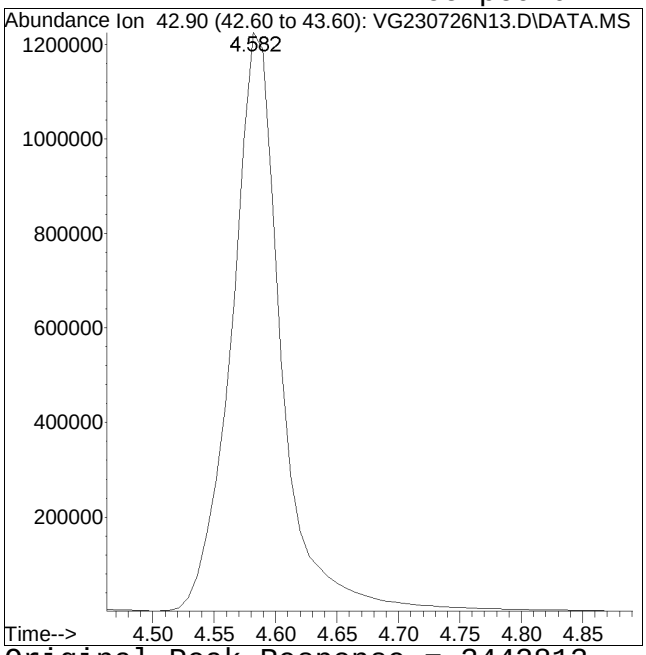
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



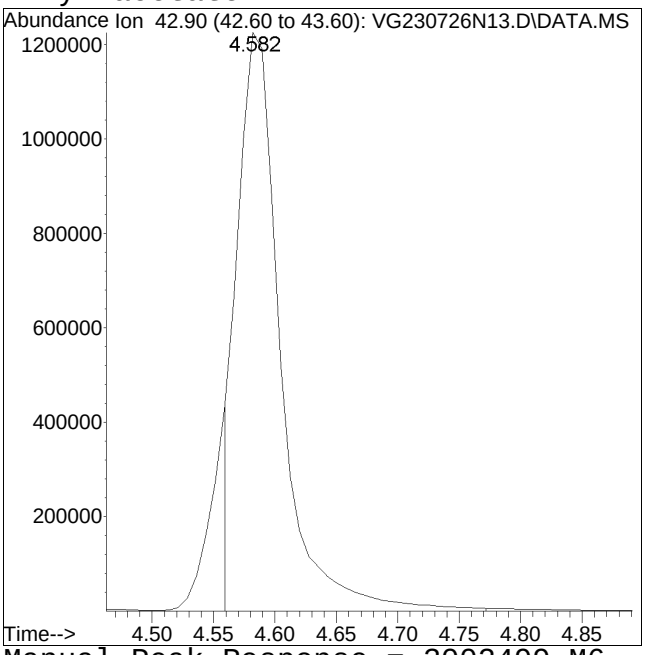
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N13.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:47 pm Instrument : Gonzo
Sample : I8260STD200PPB Quant Date : 7/27/2023 11:40 am

Compound #27: Vinyl acetate



Original Peak Response = 3442813



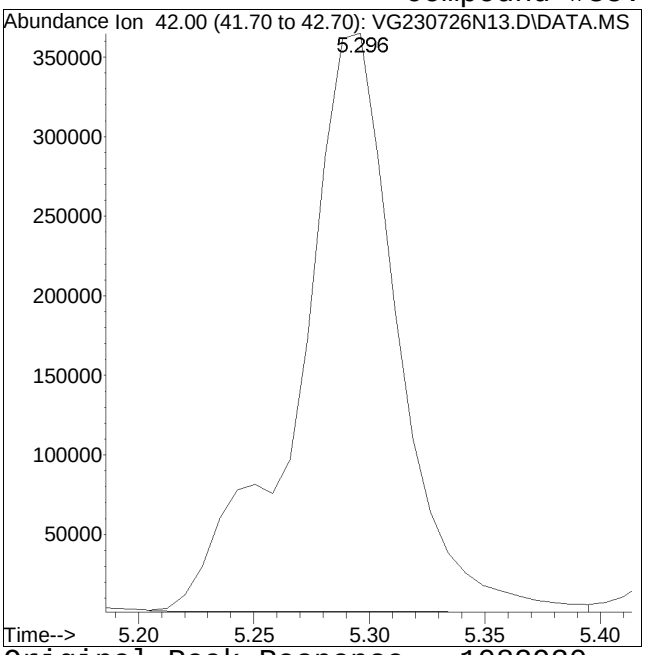
Manual Peak Response = 3002499 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

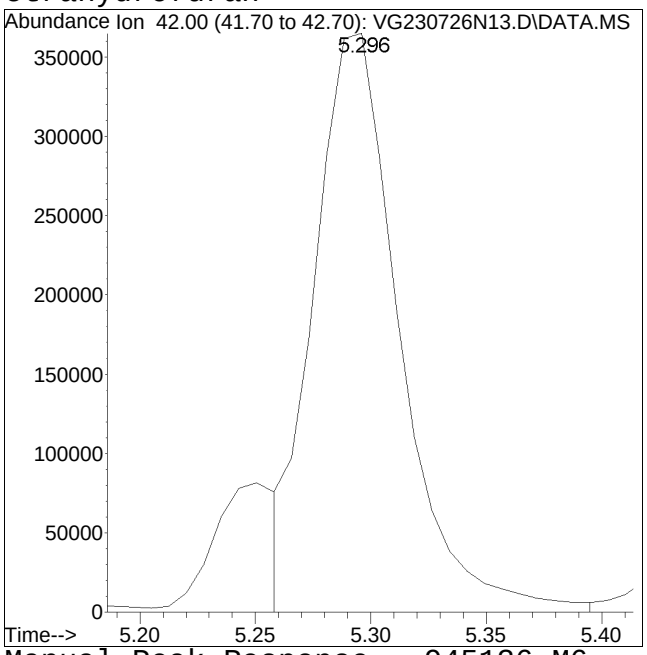
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N13.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:47 pm Instrument : Gonzo
Sample : I8260STD200PPB Quant Date : 7/27/2023 11:40 am

Compound #35: Tetrahydrofuran



Original Peak Response = 1082930



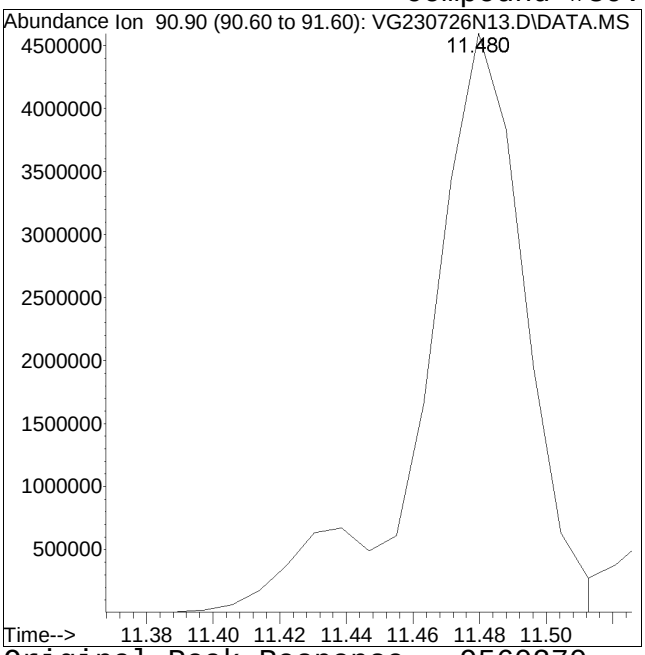
Manual Peak Response = 945136 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

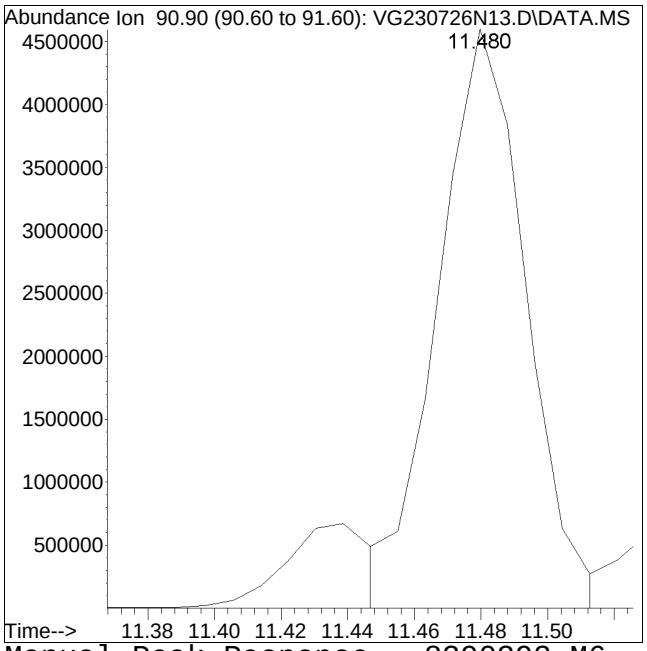
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N13.D Operator : GONZO:PID
Date Inj'd : 7/26/2023 10:47 pm Instrument : Gonzo
Sample : I8260STD200PPB Quant Date : 7/27/2023 11:40 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 9560270



Manual Peak Response = 8390393 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N18.D
Acq On : 27 Jul 2023 12:46 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 11:46:23 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	96	0.00
2	TP	Dichlorodifluoromethane	0.277	0.144	48.0#	46#	0.00
3	TP	Chloromethane	0.402	0.314	21.9#	73	0.00
4	TC	Vinyl chloride	0.290	0.249	14.1	77	0.00
5	TP	Bromomethane	0.147	0.149	-1.4	103	0.00
6	TP	Chloroethane	0.128	0.115	10.2	73	0.00
7	TP	Trichlorofluoromethane	0.323	0.292	9.6	79	0.00
8	TP	Ethyl ether	0.123	0.124	-0.8	96	0.00
10	TC	1,1-Dichloroethene	0.205	0.187	8.8	82	0.00
11	TP	Carbon disulfide	0.637	0.570	10.5	82	0.00
12	TP	Freon-113	0.217	0.206	5.1	83	0.00
13	TP	Iodomethane	0.292	0.182	37.7#	59	0.00
14	TP	Acrolein	0.044	0.036	18.2	83	0.00
15	TP	Methylene chloride	0.246	0.232	5.7	96	0.00
17	TP	Acetone	0.092	0.077	16.3	85	0.00
18	TP	trans-1,2-Dichloroethene	0.220	0.205	6.8	87	0.00
19	TP	Methyl acetate	0.205	0.176	14.1	84	0.00
20	TP	Methyl tert-butyl ether	0.704	0.653	7.2	89	0.00
21	TP	tert-Butyl alcohol	0.029	0.027	6.9	92	0.00
22	TP	Diisopropyl ether	1.117	1.070	4.2	91	0.00
23	TP	1,1-Dichloroethane	0.478	0.473	1.0	93	0.00
24	TP	Halothane	0.169	0.165	2.4	89	0.00
25	TP	Acrylonitrile	0.095	0.091	4.2	94	0.00
26	TP	Ethyl tert-butyl ether	0.931	0.888	4.6	91	0.00
27	TP	Vinyl acetate	0.296	0.228	23.0#	91	0.00
28	TP	cis-1,2-Dichloroethene	0.254	0.234	7.9	89	0.00
29	TP	2,2-Dichloropropane	0.323	0.286	11.5	84	0.00
30	TP	Bromochloromethane	0.103	0.103	0.0	93	0.00
31	TP	Cyclohexane	0.567	0.534	5.8	84	0.00
32	TC	Chloroform	0.404	0.389	3.7	89	0.00
33	TP	Ethyl acetate	0.301	0.284	5.6	94	0.00
34	TP	Carbon tetrachloride	0.319	0.304	4.7	87	0.00
35	TP	Tetrahydrofuran	0.096	0.092	4.2	93	0.00
36	S	Dibromofluoromethane	0.257	0.266	-3.5	98	0.00
37	TP	1,1,1-Trichloroethane	0.371	0.366	1.3	92	0.00
39	TP	2-Butanone	0.138	0.117	15.2	83	0.00
40	TP	1,1-Dichloropropene	0.328	0.316	3.7	88	0.00
41	TP	Benzene	0.942	0.911	3.3	91	0.00
42	TP	tert-Amyl methyl ether	0.714	0.664	7.0	88	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N18.D
Acq On : 27 Jul 2023 12:46 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 11:46:23 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	S	1,2-Dichloroethane-d4	0.327	0.352	-7.6	99	0.00
44	TP	1,2-Dichloroethane	0.352	0.342	2.8	92	0.00
47	TP	Methyl cyclohexane	0.413	0.404	2.2	86	0.00
48	TP	Trichloroethene	0.283	0.283	0.0	92	0.00
50	TP	Dibromomethane	0.138	0.130	5.8	92	0.00
51	TC	1,2-Dichloropropane	0.273	0.277	-1.5	95	0.00
53	TP	2-Chloroethyl vinyl ether	0.176	0.158	10.2	85	0.00
54	TP	Bromodichloromethane	0.322	0.312	3.1	92	0.00
57	TP	1,4-Dioxane	0.00247	0.00259#	-4.9	103	0.00
58	TP	cis-1,3-Dichloropropene	0.396	0.395	0.3	97	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
60	S	Toluene-d8	1.269	1.281	-0.9	99	0.00
61	TC	Toluene	0.693	0.667	3.8	91	0.00
62	TP	4-Methyl-2-pentanone	0.118	0.106	10.2	88	0.00
63	TP	Tetrachloroethene	0.303	0.297	2.0	90	0.00
65	TP	trans-1,3-Dichloropropene	0.426	0.419	1.6	98	0.00
67	TP	Ethyl methacrylate	0.347	0.344	0.9	96	0.00
68	TP	1,1,2-Trichloroethane	0.203	0.195#	3.9	94	0.00
69	TP	Chlorodibromomethane	0.272	0.261	4.0	94	0.00
70	TP	1,3-Dichloropropane	0.416	0.396	4.8	91	0.00
71	TP	1,2-Dibromoethane	0.240	0.222	7.5	90	0.00
72	TP	2-Hexanone	0.250	0.219	12.4	88	0.00
73	TP	Chlorobenzene	0.733	0.732	0.1	95	0.00
74	TC	Ethylbenzene	1.322	1.297	1.9	93	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.274	0.259	5.5	91	0.00
76	TP	p/m Xylene	0.504	0.492	2.4	91	0.00
77	TP	o Xylene	0.485	0.473	2.5	92	0.00
78	TP	Styrene	0.837	0.813	2.9	92	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
80	TP	Bromoform	0.335	0.325	3.0	98	0.00
82	TP	Isopropylbenzene	2.177	2.125	2.4	91	0.00
83	S	4-Bromofluorobenzene	0.907	0.901	0.7	99	0.00
84	TP	Bromobenzene	0.559	0.530	5.2	92	0.00
85	TP	n-Propylbenzene	2.593	2.571	0.8	93	0.00
86	TP	1,4-Dichlorobutane	0.954	0.947	0.7	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.460	0.396	13.9	87	0.00
88	TP	4-Ethyltoluene	2.162	2.127	1.6	92	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N18.D
Acq On : 27 Jul 2023 12:46 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 11:46:23 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
89 TP	2-Chlorotoluene	1.596	1.558	2.4	93	0.00
90 TP	1,3,5-Trimethylbenzene	1.884	1.828	3.0	91	0.00
91 TP	1,2,3-Trichloropropane	0.447	0.417	6.7	93	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.193	0.174	9.8	91	0.00
93 TP	4-Chlorotoluene	1.661	1.607	3.3	94	0.00
94 TP	tert-Butylbenzene	1.512	1.480	2.1	92	0.00
97 TP	1,2,4-Trimethylbenzene	1.807	1.808	-0.1	96	0.00
98 TP	sec-Butylbenzene	2.212	2.160	2.4	90	0.00
99 TP	p-Isopropyltoluene	1.868	1.826	2.2	92	0.00
100 TP	1,3-Dichlorobenzene	1.047	1.048	-0.1	96	0.00
101 TP	1,4-Dichlorobenzene	1.072	1.029	4.0	91	0.00
102 TP	p-Diethylbenzene	1.086	1.001	7.8	88	0.00
103 TP	n-Butylbenzene	1.514	1.521	-0.5	96	0.00
104 TP	1,2-Dichlorobenzene	1.015	0.988	2.7	94	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.406	1.228	12.7	89	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.091	0.085	6.6	96	0.00
107 TP	1,3,5-Trichlorobenzene	0.693	0.644	7.1	91	0.00
108 TP	Hexachlorobutadiene	0.274	0.262	4.4	91	0.00
109 TP	1,2,4-Trichlorobenzene	0.580	0.519	10.5	89	0.00
110 TP	Naphthalene	1.091	0.918	15.9	88	0.00
111 TP	1,2,3-Trichlorobenzene	0.473	0.436	7.8	92	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 2 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N18.D
Acq On : 27 Jul 2023 12:46 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 11:46:23 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	485764	10.000	ug/L	0.00
Standard Area 1 = 503562			Recovery =	96.47%		
59) Chlorobenzene-d5	9.686	117	418990	10.000	ug/L	0.00
Standard Area 1 = 431052			Recovery =	97.20%		
79) 1,4-Dichlorobenzene-d4	12.360	152	244091	10.000	ug/L	0.00
Standard Area 1 = 250732			Recovery =	97.35%		
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	129255	10.370	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	103.70%		
43) 1,2-Dichloroethane-d4	5.858	65	171170	10.783	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	107.83%		
60) Toluene-d8	7.829	98	536627	10.095	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	100.95%		
83) 4-Bromofluorobenzene	11.159	95	219940	9.938	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery =	99.38%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.695	85	70009	5.197	ug/L #	96
3) Chloromethane	1.915	50	152445	7.810	ug/L	99
4) Vinyl chloride	1.968	62	120944	8.599	ug/L	100
5) Bromomethane	2.288	94	72229	10.123	ug/L	99
6) Chloroethane	2.386	64	55843	8.964	ug/L	96
7) Trichlorofluoromethane	2.538	101	141837	9.041	ug/L	99
8) Ethyl ether	2.850	74	60228	10.111	ug/L #	57
10) 1,1-Dichloroethene	3.047	96	90672	9.121	ug/L #	72
11) Carbon disulfide	3.085	76	276943	8.952	ug/L	100
12) Freon-113	3.085	101	100231	9.491	ug/L	80
13) Iodomethane	3.199	142	88252	6.215	ug/L	97
14) Acrolein	3.382	56	17271	8.001	ug/L	98
15) Methylene chloride	3.617	84	112687	9.422	ug/L #	61
17) Acetone	3.663	43	37460	8.389	ug/L	98
18) trans-1,2-Dichloroethene	3.769	96	99582	9.338	ug/L	76
19) Methyl acetate	3.777	43	85566	8.586	ug/L #	86
20) Methyl tert-butyl ether	3.853	73	317182	9.273	ug/L #	85
21) tert-Butyl alcohol	3.951	59	66216	46.665	ug/L	99
22) Diisopropyl ether	4.217	45	519947	9.586	ug/L #	90
23) 1,1-Dichloroethane	4.354	63	229932	9.906	ug/L	98
24) Halothane	4.407	117	79982	9.749	ug/L	99

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N18.D
Acq On : 27 Jul 2023 12:46 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 11:46:23 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Acrylonitrile	4.407	53	44420	9.634	ug/L		91
26) Ethyl tert-butyl ether	4.567	59	431452	9.538	ug/L	#	76
27) Vinyl acetate	4.590	43	110750M6	7.702	ug/L		
28) cis-1,2-Dichloroethene	4.878	96	113885	9.228	ug/L	#	84
29) 2,2-Dichloropropane	4.977	77	138819	8.858	ug/L		93
30) Bromochloromethane	5.076	128	49842	9.944	ug/L	#	55
31) Cyclohexane	5.068	56	259161	9.403	ug/L		68
32) Chloroform	5.144	83	188980	9.641	ug/L	#	94
33) Ethyl acetate	5.250	43	137779	9.432	ug/L	#	94
34) Carbon tetrachloride	5.281	117	147489	9.521	ug/L		95
35) Tetrahydrofuran	5.296	42	44593M6	9.584	ug/L		
37) 1,1,1-Trichloroethane	5.342	97	177894	9.876	ug/L		96
39) 2-Butanone	5.440	43	56897	8.471	ug/L	#	64
40) 1,1-Dichloropropene	5.463	75	153609	9.634	ug/L		97
41) Benzene	5.714	78	442466	9.668	ug/L	#	89
42) tert-Amyl methyl ether	5.813	73	322340	9.296	ug/L		95
44) 1,2-Dichloroethane	5.927	62	166014	9.711	ug/L		98
47) Methyl cyclohexane	6.291	83	196271	9.790	ug/L	#	62
48) Trichloroethene	6.314	95	137324	9.982	ug/L		95
50) Dibromomethane	6.762	93	63378	9.481	ug/L		97
51) 1,2-Dichloropropane	6.861	63	134743	10.145	ug/L		96
53) 2-Chloroethyl vinyl ether	7.557	63	76516	8.968	ug/L	#	82
54) Bromodichloromethane	6.937	83	151551	9.694	ug/L		99
57) 1,4-Dioxane	7.141	88	63025	526.278	ug/L	#	73
58) cis-1,3-Dichloropropene	7.629	75	191872	9.970	ug/L	#	88
61) Toluene	7.886	92	279654	9.626	ug/L		100
62) 4-Methyl-2-pentanone	8.331	58	44385	8.950	ug/L	#	78
63) Tetrachloroethene	8.338	166	124413	9.792	ug/L		100
65) trans-1,3-Dichloropropene	8.381	75	175582	9.835	ug/L		95
67) Ethyl methacrylate	8.560	69	144101	9.922	ug/L		92
68) 1,1,2-Trichloroethane	8.567	83	81782	9.597	ug/L		96
69) Chlorodibromomethane	8.782	129	109443	9.612	ug/L		99
70) 1,3-Dichloropropane	8.889	76	166107	9.521	ug/L		100
71) 1,2-Dibromoethane	9.061	107	92936	9.259	ug/L		99
72) 2-Hexanone	9.341	43	91945	8.778	ug/L		92
73) Chlorobenzene	9.703	112	306818	9.989	ug/L		94
74) Ethylbenzene	9.736	91	543261	9.808	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.793	131	108653	9.455	ug/L		99
76) p/m Xylene	9.925	106	412352	19.516	ug/L		93
77) o Xylene	10.460	106	396106	19.485	ug/L		92

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N18.D
Acq On : 27 Jul 2023 12:46 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 11:46:23 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230726NICAL\VG230726N09.D
Sub List : 8260-Curve - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78)	Styrene	10.525	104	681401	19.420	ug/L		93
80)	Bromoform	10.558	173	79379	9.699	ug/L		99
82)	Isopropylbenzene	10.830	105	518575	9.760	ug/L		98
84)	Bromobenzene	11.274	156	129428	9.483	ug/L		97
85)	n-Propylbenzene	11.307	91	627643	9.917	ug/L		97
86)	1,4-Dichlorobutane	11.332	55	231185	9.931	ug/L		97
87)	1,1,2,2-Tetrachloroethane	11.406	83	96714	8.608	ug/L		98
88)	4-Ethyltoluene	11.430	105	519131	9.839	ug/L		96
89)	2-Chlorotoluene	11.480	91	380268M1	9.763	ug/L		
90)	1,3,5-Trimethylbenzene	11.529	105	446132	9.701	ug/L		96
91)	1,2,3-Trichloropropane	11.546	75	101759	9.326	ug/L		96
92)	trans-1,4-Dichloro-2-b...	11.595	53	42524	9.014	ug/L	#	86
93)	4-Chlorotoluene	11.661	91	392282	9.674	ug/L		96
94)	tert-Butylbenzene	11.866	119	361372	9.792	ug/L		94
97)	1,2,4-Trimethylbenzene	11.949	105	441410	10.006	ug/L		97
98)	sec-Butylbenzene	12.056	105	527292	9.767	ug/L		99
99)	p-Isopropyltoluene	12.204	119	445695	9.774	ug/L		98
100)	1,3-Dichlorobenzene	12.278	146	255715	10.008	ug/L		99
101)	1,4-Dichlorobenzene	12.376	146	251161	9.601	ug/L		98
102)	p-Diethylbenzene	12.574	119	244381	9.219	ug/L		99
103)	n-Butylbenzene	12.631	91	371362	10.050	ug/L		99
104)	1,2-Dichlorobenzene	12.796	146	241245	9.735	ug/L		99
105)	1,2,4,5-Tetramethylben...	13.364	119	299691	8.731	ug/L		98
106)	1,2-Dibromo-3-chloropr...	13.569	155	20634	9.287	ug/L		99
107)	1,3,5-Trichlorobenzene	13.594	180	157150	9.295	ug/L		98
108)	Hexachlorobutadiene	14.161	225	63897	9.548	ug/L		98
109)	1,2,4-Trichlorobenzene	14.194	180	126695	8.954	ug/L		99
110)	Naphthalene	14.491	128	223962	8.413	ug/L		100
111)	1,2,3-Trichlorobenzene	14.655	180	106368	9.209	ug/L		98

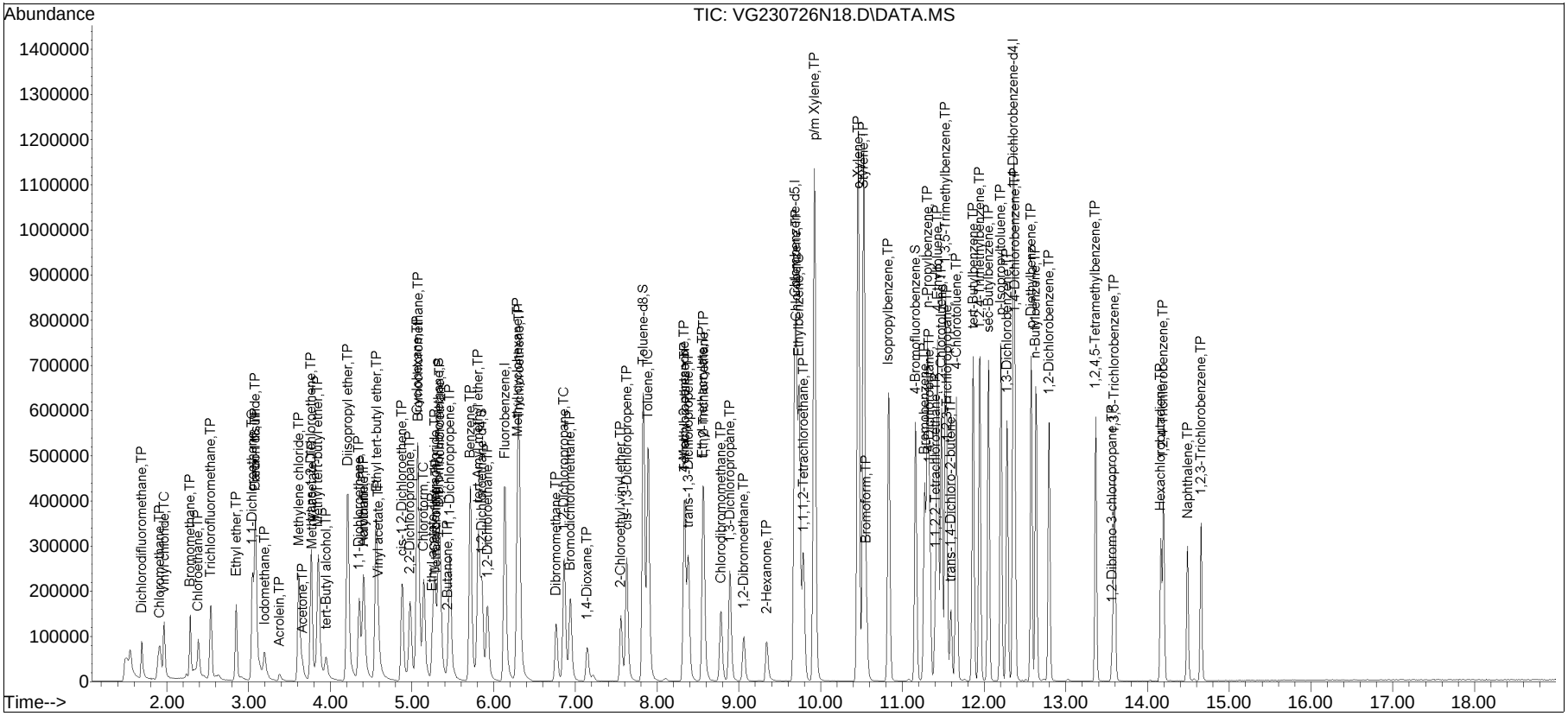
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230726NICAL\
Data File : VG230726N18.D
Acq On : 27 Jul 2023 12:46 am
Operator : GONZO:PID
Sample : C8260STD10PPB
Misc : WG1808529,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 27 11:46:23 2023
Quant Method : K:\Gonzo\2023\230726NICAL\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

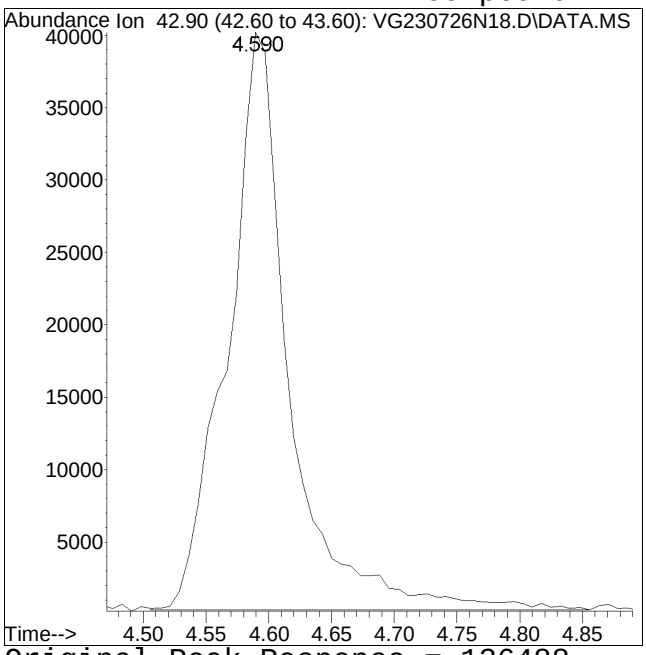
Sub List : 8260-Curve - Megamix plus DioxVG230726N09.D•



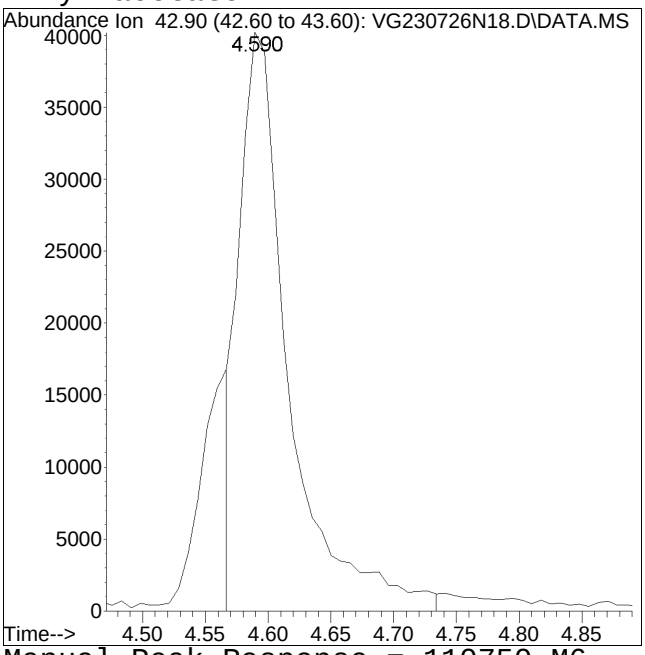
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N18.D Operator : GONZO:PID
Date Inj'd : 7/27/2023 12:46 am Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 7/27/2023 11:45 am

Compound #27: Vinyl acetate



Original Peak Response = 136488



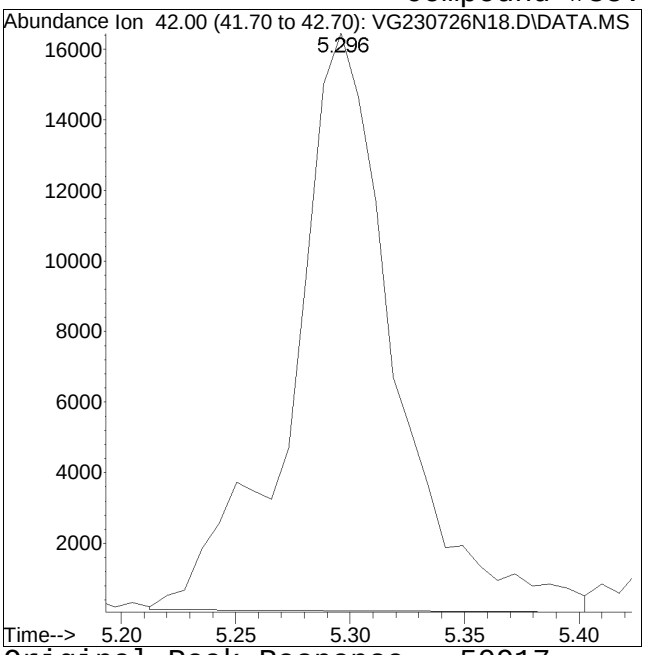
Manual Peak Response = 110750 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

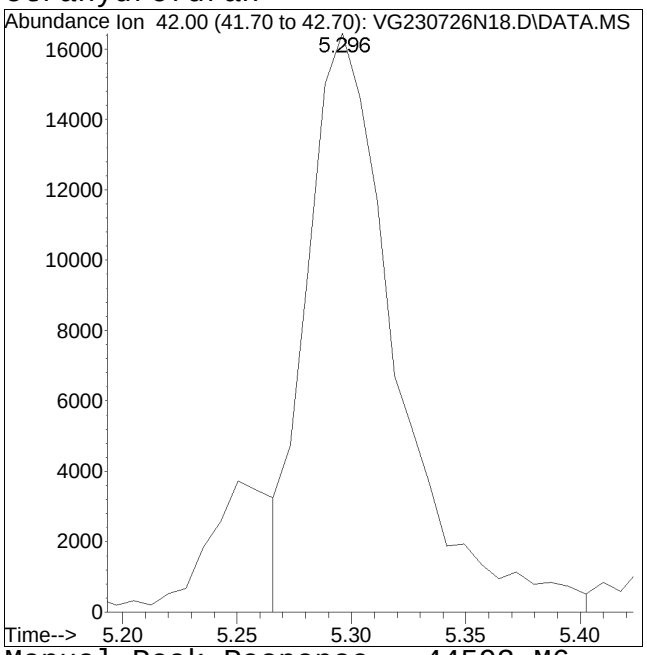
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N18.D Operator : GONZO:PID
Date Inj'd : 7/27/2023 12:46 am Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 7/27/2023 11:45 am

Compound #35: Tetrahydrofuran



Original Peak Response = 50917



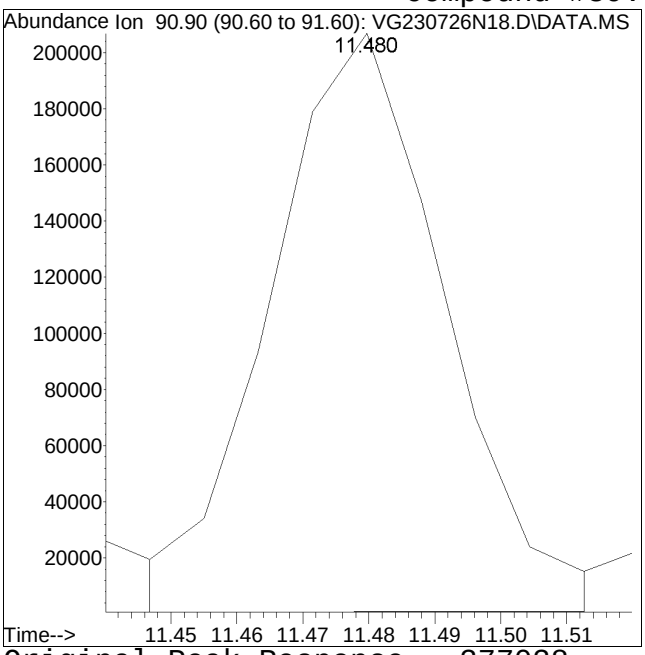
Manual Peak Response = 44593 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

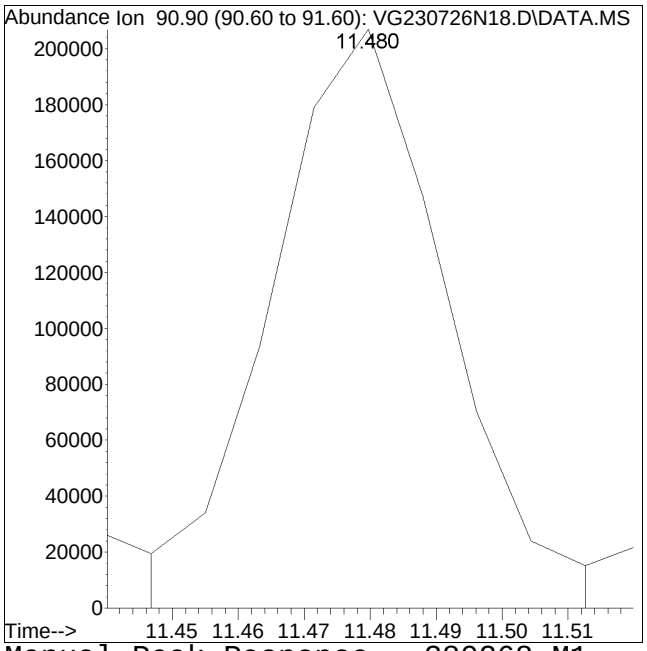
Manual Integration Report

Data Path : K:\Gonzo\2023\230726NICAL\QMethod : G_230726N_8260.m
Data File : VG230726N18.D Operator : GONZO:PID
Date Inj'd : 7/27/2023 12:46 am Instrument : Gonzo
Sample : C8260STD10PPB Quant Date : 7/27/2023 11:45 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 377038



Manual Peak Response = 380268 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770		
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45		
Instrument ID	: GONZO	**Calibration Date**	: 08/24/23 18:38		
Lab File ID	: VG230824N02	**Init. Calib. Date(s)**	: 07/26/23	07/26/23	
Sample No	: WG1820053-2	**Init. Calib. Times**	: 18:49	22:47	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	121	0
Dichlorodifluoromethane	0.277	0.277	-	0	20	112	0
Chloromethane	0.402	0.439	-	-9.2	20	128	0
Vinyl chloride	0.29	0.333	-	-14.8	20	129	0
Bromomethane	0.147	0.085	-	42.2*	20	75	0
Chloroethane	0.128	0.188	-	-46.9*	20	150	0
Trichlorofluoromethane	0.323	0.354	-	-9.6	20	121	0
Ethyl ether	0.123	0.123	-	0	20	120	0
1,1-Dichloroethene	0.205	0.213	-	-3.9	20	118	0
Carbon disulfide	0.637	0.658	-	-3.3	20	120	0
Freon-113	0.217	0.23	-	-6	20	117	0
Acrolein	0.044	0.049	-	-11.4	20	145	0
Methylene chloride	0.246	0.244	-	0.8	20	127	0
Acetone	0.092	0.071	-	22.8*	20	98	0
trans-1,2-Dichloroethene	0.22	0.241	-	-9.5	20	129	0
Methyl acetate	0.205	0.202	-	1.5	20	122	0
Methyl tert-butyl ether	0.704	0.698	-	0.9	20	119	0
tert-Butyl alcohol	0.029	0.028	-	3.4	20	118	0
Diisopropyl ether	1.117	1.168	-	-4.6	20	124	0
1,1-Dichloroethane	0.478	0.57	-	-19.2	20	141	0
Halothane	0.169	0.184	-	-8.9	20	125	0
Acrylonitrile	0.095	0.1	-	-5.3	20	129	0
Ethyl tert-butyl ether	0.931	1.054	-	-13.2	20	136	0
Vinyl acetate	0.296	0.637	-	-115.2*	20	321	0
cis-1,2-Dichloroethene	0.254	0.27	-	-6.3	20	129	0
2,2-Dichloropropane	0.323	0.392	-	-21.4*	20	145	0
Bromochloromethane	0.103	0.12	-	-16.5	20	137	0
Cyclohexane	0.567	0.614	-	-8.3	20	122	0
Chloroform	0.404	0.454	-	-12.4	20	131	0
Ethyl acetate	0.301	0.282	-	6.3	20	117	0
Carbon tetrachloride	0.319	0.34	-	-6.6	20	123	0
Tetrahydrofuran	0.096	0.085	-	11.5	20	108	0
Dibromofluoromethane	0.257	0.278	-	-8.2	20	129	0
1,1,1-Trichloroethane	0.371	0.395	-	-6.5	20	124	0
2-Butanone	0.138	0.113	-	18.1	20	100	0
1,1-Dichloropropene	0.328	0.337	-	-2.7	20	119	0
Benzene	0.942	0.991	-	-5.2	20	125	0
tert-Amyl methyl ether	0.714	0.673	-	5.7	20	112	0
1,2-Dichloroethane-d4	0.327	0.352	-	-7.6	20	125	0
1,2-Dichloroethane	0.352	0.409	-	-16.2	20	139	0
Methyl cyclohexane	0.413	0.339	-	17.9	20	91	0
Trichloroethene	0.283	0.259	-	8.5	20	106	0
Dibromomethane	0.138	0.141	-	-2.2	20	126	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770		
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45		
Instrument ID	: GONZO	**Calibration Date**	: 08/24/23 18:38		
Lab File ID	: VG230824N02	**Init. Calib. Date(s)**	: 07/26/23	07/26/23	
Sample No	: WG1820053-2	**Init. Calib. Times**	: 18:49	22:47	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.273	0.322	-	-17.9	20	140	0
Bromodichloromethane	0.322	0.33	-	-2.5	20	123	0
1,4-Dioxane	0.00247	0.00218*	-	11.7	20	109	0
cis-1,3-Dichloropropene	0.396	0.402	-	-1.5	20	124	0
Chlorobenzene-d5	1	1	-	0	20	128	0
Toluene-d8	1.269	1.244	-	2	20	127	0
Toluene	0.693	0.692	-	0.1	20	125	0
4-Methyl-2-pentanone	0.118	0.119	-	-0.8	20	131	0
Tetrachloroethene	0.303	0.3	-	1	20	120	0
trans-1,3-Dichloropropene	0.426	0.395	-	7.3	20	121	0
Ethyl methacrylate	0.347	0.312	-	10.1	20	115	0
1,1,2-Trichloroethane	0.203	0.195*	-	3.9	20	124	0
Chlorodibromomethane	0.272	0.265	-	2.6	20	126	0
1,3-Dichloropropane	0.416	0.395	-	5	20	120	0
1,2-Dibromoethane	0.24	0.227	-	5.4	20	122	0
2-Hexanone	0.25	0.202	-	19.2	20	107	0
Chlorobenzene	0.733	0.754	-	-2.9	20	130	0
Ethylbenzene	1.322	1.322	-	0	20	125	0
1,1,1,2-Tetrachloroethane	0.274	0.278	-	-1.5	20	129	0
p/m Xylene	0.504	0.514	-	-2	20	126	0
o Xylene	0.485	0.496	-	-2.3	20	127	0
Styrene	0.837	0.848	-	-1.3	20	127	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	133	0
Bromoform	0.335	0.303	-	9.6	20	124	0
Isopropylbenzene	2.177	2.101	-	3.5	20	123	0
4-Bromofluorobenzene	0.907	0.826	-	8.9	20	123	0
Bromobenzene	0.559	0.58	-	-3.8	20	138	0
n-Propylbenzene	2.593	2.405	-	7.3	20	119	0
1,4-Dichlorobutane	0.954	0.985	-	-3.2	20	138	0
1,1,2,2-Tetrachloroethane	0.46	0.502	-	-9.1	20	150	0
4-Ethyltoluene	2.162	2.068	-	4.3	20	123	0
2-Chlorotoluene	1.596	1.554	-	2.6	20	127	0
1,3,5-Trimethylbenzene	1.884	1.815	-	3.7	20	124	0
1,2,3-Trichloropropane	0.447	0.403	-	9.8	20	122	0
trans-1,4-Dichloro-2-buten	0.193	0.099	-	48.7*	20	71	0
4-Chlorotoluene	1.661	1.6	-	3.7	20	128	0
tert-Butylbenzene	1.512	1.395	-	7.7	20	118	0
1,2,4-Trimethylbenzene	1.807	1.733	-	4.1	20	126	0
sec-Butylbenzene	2.212	1.918	-	13.3	20	109	0
p-Isopropyltoluene	1.868	1.658	-	11.2	20	113	0
1,3-Dichlorobenzene	1.047	0.998	-	4.7	20	125	0
1,4-Dichlorobenzene	1.072	1.022	-	4.7	20	124	0
p-Diethylbenzene	1.086	0.91	-	16.2	20	109	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Sterling Environmental Engineering	**Lab Number**	: L2348770	
Project Name	: NEW PALTZ PLAZA	**Project Number**	: 2014-45	
Instrument ID	: GONZO	**Calibration Date**	: 08/24/23 18:38	
Lab File ID	: VG230824N02	**Init. Calib. Date(s)**	: 07/26/23	07/26/23
Sample No	: WG1820053-2	**Init. Calib. Times**	: 18:49	22:47
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	1.514	1.228	-	18.9	20	106	0
1,2-Dichlorobenzene	1.015	0.941	-	7.3	20	122	0
1,2,4,5-Tetramethylbenzene	1.406	1.181	-	16	20	117	0
1,2-Dibromo-3-chloropropan	0.091	0.076	-	16.5	20	118	0
1,3,5-Trichlorobenzene	0.693	0.624	-	10	20	120	0
Hexachlorobutadiene	0.274	0.236	-	13.9	20	112	0
1,2,4-Trichlorobenzene	0.58	0.503	-	13.3	20	118	0
Naphthalene	1.091	0.902	-	17.3	20	118	0
1,2,3-Trichlorobenzene	0.473	0.395*	-	16.5	20	113	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-2
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	121	0.00
2	TP	Dichlorodifluoromethane	0.277	0.277	0.0	112	0.00
3	TP	Chloromethane	0.402	0.439	-9.2	128	0.00
4	TC	Vinyl chloride	0.290	0.333	-14.8	129	0.00
5	TP	Bromomethane	0.147	0.085	42.2#	75	0.00
6	TP	Chloroethane	0.128	0.188	-46.9#	150	0.00
7	TP	Trichlorofluoromethane	0.323	0.354	-9.6	121	0.00
8	TP	Ethyl ether	0.123	0.123	0.0	120	0.00
10	TC	1,1-Dichloroethene	0.205	0.213	-3.9	118	0.00
11	TP	Carbon disulfide	0.637	0.658	-3.3	120	0.00
12	TP	Freon-113	0.217	0.230	-6.0	117	0.00
14	TP	Acrolein	0.044	0.049	-11.4	145	0.00
15	TP	Methylene chloride	0.246	0.244	0.8	127	0.00
17	TP	Acetone	0.092	0.071	22.8#	98	0.00
18	TP	trans-1,2-Dichloroethene	0.220	0.241	-9.5	129	0.00
19	TP	Methyl acetate	0.205	0.202	1.5	122	0.00
20	TP	Methyl tert-butyl ether	0.704	0.698	0.9	119	0.00
21	TP	tert-Butyl alcohol	0.029	0.028	3.4	118	0.00
22	TP	Diisopropyl ether	1.117	1.168	-4.6	124	0.00
23	TP	1,1-Dichloroethane	0.478	0.570	-19.2	141	0.00
24	TP	Halothane	0.169	0.184	-8.9	125	0.00
25	TP	Acrylonitrile	0.095	0.100	-5.3	129	0.00
26	TP	Ethyl tert-butyl ether	0.931	1.054	-13.2	136	0.00
27	TP	Vinyl acetate	0.296	0.637	-115.2#	321#	0.00
28	TP	cis-1,2-Dichloroethene	0.254	0.270	-6.3	129	0.00
29	TP	2,2-Dichloropropane	0.323	0.392	-21.4#	145	0.00
30	TP	Bromochloromethane	0.103	0.120	-16.5	137	0.00
31	TP	Cyclohexane	0.567	0.614	-8.3	122	0.00
32	TC	Chloroform	0.404	0.454	-12.4	131	0.00
33	TP	Ethyl acetate	0.301	0.282	6.3	117	0.00
34	TP	Carbon tetrachloride	0.319	0.340	-6.6	123	0.00
35	TP	Tetrahydrofuran	0.096	0.085	11.5	108	0.00
36	S	Dibromofluoromethane	0.257	0.278	-8.2	129	0.00
37	TP	1,1,1-Trichloroethane	0.371	0.395	-6.5	124	0.00
39	TP	2-Butanone	0.138	0.113	18.1	100	0.00
40	TP	1,1-Dichloropropene	0.328	0.337	-2.7	119	0.00
41	TP	Benzene	0.942	0.991	-5.2	125	0.00
42	TP	tert-Amyl methyl ether	0.714	0.673	5.7	112	0.00
43	S	1,2-Dichloroethane-d4	0.327	0.352	-7.6	125	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-2
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.352	0.409	-16.2	139	0.00
47	TP	Methyl cyclohexane	0.413	0.339	17.9	91	0.00
48	TP	Trichloroethene	0.283	0.259	8.5	106	0.00
50	TP	Dibromomethane	0.138	0.141	-2.2	126	0.00
51	TC	1,2-Dichloropropane	0.273	0.322	-17.9	140	0.00
54	TP	Bromodichloromethane	0.322	0.330	-2.5	123	0.00
57	TP	1,4-Dioxane	0.00247	0.00218#	11.7	109	0.00
58	TP	cis-1,3-Dichloropropene	0.396	0.402	-1.5	124	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	128	0.00
60	S	Toluene-d8	1.269	1.244	2.0	127	0.00
61	TC	Toluene	0.693	0.692	0.1	125	0.00
62	TP	4-Methyl-2-pentanone	0.118	0.119	-0.8	131	0.00
63	TP	Tetrachloroethene	0.303	0.300	1.0	120	0.00
65	TP	trans-1,3-Dichloropropene	0.426	0.395	7.3	121	0.00
67	TP	Ethyl methacrylate	0.347	0.312	10.1	115	0.00
68	TP	1,1,2-Trichloroethane	0.203	0.195#	3.9	124	0.00
69	TP	Chlorodibromomethane	0.272	0.265	2.6	126	0.00
70	TP	1,3-Dichloropropane	0.416	0.395	5.0	120	0.00
71	TP	1,2-Dibromoethane	0.240	0.227	5.4	122	0.00
72	TP	2-Hexanone	0.250	0.202	19.2	107	0.00
73	TP	Chlorobenzene	0.733	0.754	-2.9	130	0.00
74	TC	Ethylbenzene	1.322	1.322	0.0	125	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.274	0.278	-1.5	129	0.00
76	TP	p/m Xylene	0.504	0.514	-2.0	126	0.00
77	TP	o Xylene	0.485	0.496	-2.3	127	0.00
78	TP	Styrene	0.837	0.848	-1.3	127	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	133	0.00
80	TP	Bromoform	0.335	0.303	9.6	124	0.00
82	TP	Isopropylbenzene	2.177	2.101	3.5	123	0.00
83	S	4-Bromofluorobenzene	0.907	0.826	8.9	123	0.00
84	TP	Bromobenzene	0.559	0.580	-3.8	138	0.00
85	TP	n-Propylbenzene	2.593	2.405	7.3	119	0.00
86	TP	1,4-Dichlorobutane	0.954	0.985	-3.2	138	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.460	0.502	-9.1	150	0.00
88	TP	4-Ethyltoluene	2.162	2.068	4.3	123	0.00
89	TP	2-Chlorotoluene	1.596	1.554	2.6	127	0.00
90	TP	1,3,5-Trimethylbenzene	1.884	1.815	3.7	124	0.00

Evaluate Continuing Calibration Report

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-2
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.447	0.403	9.8	122	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.193	0.099	48.7#	71	0.00
93 TP	4-Chlorotoluene	1.661	1.600	3.7	128	0.00
94 TP	tert-Butylbenzene	1.512	1.395	7.7	118	0.00
97 TP	1,2,4-Trimethylbenzene	1.807	1.733	4.1	126	0.00
98 TP	sec-Butylbenzene	2.212	1.918	13.3	109	0.00
99 TP	p-Isopropyltoluene	1.868	1.658	11.2	113	0.00
100 TP	1,3-Dichlorobenzene	1.047	0.998	4.7	125	0.00
101 TP	1,4-Dichlorobenzene	1.072	1.022	4.7	124	0.00
102 TP	p-Diethylbenzene	1.086	0.910	16.2	109	0.00
103 TP	n-Butylbenzene	1.514	1.228	18.9	106	0.00
104 TP	1,2-Dichlorobenzene	1.015	0.941	7.3	122	0.00
105 TP	1,2,4,5-Tetramethylbenzene	1.406	1.181	16.0	117	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.091	0.076	16.5	118	0.00
107 TP	1,3,5-Trichlorobenzene	0.693	0.624	10.0	120	0.00
108 TP	Hexachlorobutadiene	0.274	0.236	13.9	112	0.00
109 TP	1,2,4-Trichlorobenzene	0.580	0.503	13.3	118	0.00
110 TP	Naphthalene	1.091	0.902	17.3	118	0.00
111 TP	1,2,3-Trichlorobenzene	0.473	0.395#	16.5	113	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 3 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-2
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	611548	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery = 100.00%			
59) Chlorobenzene-d5	9.686	117	553536	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.360	152	332996	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	170095	10.840	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.40%			
43) 1,2-Dichloroethane-d4	5.858	65	215286	10.773	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.73%			
60) Toluene-d8	7.829	98	688849	9.809	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.09%			
83) 4-Bromofluorobenzene	11.159	95	275165	9.114	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.695	85	169146	9.974	ug/L	97
3) Chloromethane	1.908	50	268676	10.933	ug/L	97
4) Vinyl chloride	1.968	62	203358	11.485	ug/L	97
5) Bromomethane	2.288	94	52039	5.793	ug/L	100
6) Chloroethane	2.401	64	115144	14.682	ug/L	89
7) Trichlorofluoromethane	2.546	101	216653	10.970	ug/L	96
8) Ethyl ether	2.850	74	75196	10.027	ug/L #	44
10) 1,1-Dichloroethene	3.055	96	130512	10.428	ug/L #	57
11) Carbon disulfide	3.085	76	402501	10.335	ug/L	98
12) Freon-113	3.085	101	140404	10.560	ug/L #	76
14) Acrolein	3.381	56	30159	11.098	ug/L	97
15) Methylene chloride	3.617	84	149238	9.911	ug/L #	55
17) Acetone	3.663	43	43273	7.698	ug/L #	83
18) trans-1,2-Dichloroethene	3.769	96	147209	10.965	ug/L #	71
19) Methyl acetate	3.777	43	123655	9.856	ug/L #	86
20) Methyl tert-butyl ether	3.853	73	426596	9.907	ug/L #	81
21) tert-Butyl alcohol	3.951	59	85301	47.750	ug/L #	85
22) Diisopropyl ether	4.217	45	714075	10.457	ug/L #	88
23) 1,1-Dichloroethane	4.362	63	348578	11.929	ug/L	96
24) Halothane	4.407	117	112486	10.891	ug/L	98
25) Acrylonitrile	4.407	53	60927	10.496	ug/L	95

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-2
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.567	59	644828	11.323	ug/L		91
27) Vinyl acetate	4.589	43	389394	21.509	ug/L	#	94
28) cis-1,2-Dichloroethene	4.886	96	165049	10.623	ug/L	#	73
29) 2,2-Dichloropropane	4.977	77	239951	12.162	ug/L		95
30) Bromochloromethane	5.076	128	73634	11.669	ug/L	#	56
31) Cyclohexane	5.068	56	375408	10.819	ug/L	#	58
32) Chloroform	5.152	83	277510	11.246	ug/L		96
33) Ethyl acetate	5.250	43	172617	9.387	ug/L	#	94
34) Carbon tetrachloride	5.281	117	207695	10.650	ug/L		98
35) Tetrahydrofuran	5.296	42	51783	8.840	ug/L	#	82
37) 1,1,1-Trichloroethane	5.342	97	241588	10.654	ug/L		92
39) 2-Butanone	5.440	43	68912	8.150	ug/L	#	69
40) 1,1-Dichloropropene	5.471	75	206242	10.274	ug/L		97
41) Benzene	5.714	78	606180	10.521	ug/L	#	86
42) tert-Amyl methyl ether	5.813	73	411721	9.431	ug/L	#	87
44) 1,2-Dichloroethane	5.927	62	249960	11.614	ug/L		98
47) Methyl cyclohexane	6.299	83	207525	8.222	ug/L	#	39
48) Trichloroethene	6.314	95	158125	9.130	ug/L		97
50) Dibromomethane	6.762	93	86475	10.276	ug/L		96
51) 1,2-Dichloropropane	6.861	63	196997	11.782	ug/L	#	92
54) Bromodichloromethane	6.937	83	202034	10.265	ug/L		100
57) 1,4-Dioxane	7.149	88	66678	442.262	ug/L	#	62
58) cis-1,3-Dichloropropene	7.629	75	245640	10.139	ug/L		91
61) Toluene	7.894	92	383049	9.980	ug/L		100
62) 4-Methyl-2-pentanone	8.331	58	65958	10.067	ug/L	#	96
63) Tetrachloroethene	8.338	166	166144	9.898	ug/L		96
65) trans-1,3-Dichloropropene	8.381	75	218390	9.259	ug/L		98
67) Ethyl methacrylate	8.560	69	172838	9.008	ug/L		99
68) 1,1,2-Trichloroethane	8.567	83	107722	9.568	ug/L		98
69) Chlorodibromomethane	8.782	129	146948	9.768	ug/L		99
70) 1,3-Dichloropropane	8.889	76	218829	9.494	ug/L		100
71) 1,2-Dibromoethane	9.061	107	125739	9.482	ug/L		99
72) 2-Hexanone	9.341	43	111973	8.092	ug/L		100
73) Chlorobenzene	9.703	112	417261	10.282	ug/L		95
74) Ethylbenzene	9.736	91	731743	10.000	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.785	131	154042	10.146	ug/L		98
76) p/m Xylene	9.925	106	569272	20.393	ug/L		95
77) o Xylene	10.460	106	549260	20.451	ug/L		93
78) Styrene	10.525	104	938428	20.245	ug/L		94
80) Bromoform	10.558	173	100857	9.033	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-2
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
82) Isopropylbenzene	10.830	105	699462	9.650	ug/L		98
84) Bromobenzene	11.274	156	193180	10.375	ug/L		98
85) n-Propylbenzene	11.307	91	800912	9.276	ug/L		97
86) 1,4-Dichlorobutane	11.332	55	327991	10.328	ug/L		94
87) 1,1,2,2-Tetrachloroethane	11.406	83	167162	10.905	ug/L		99
88) 4-Ethyltoluene	11.430	105	688631	9.567	ug/L		97
89) 2-Chlorotoluene	11.480	91	517429M6	9.738	ug/L		
90) 1,3,5-Trimethylbenzene	11.529	105	604547	9.636	ug/L		96
91) 1,2,3-Trichloropropane	11.545	75	134228	9.018	ug/L		98
92) trans-1,4-Dichloro-2-b...	11.595	53	33127	5.147	ug/L	#	84
93) 4-Chlorotoluene	11.661	91	532853	9.632	ug/L		97
94) tert-Butylbenzene	11.866	119	464595	9.228	ug/L		95
97) 1,2,4-Trimethylbenzene	11.949	105	577181	9.590	ug/L		97
98) sec-Butylbenzene	12.055	105	638564	8.670	ug/L		99
99) p-Isopropyltoluene	12.204	119	552147	8.876	ug/L		98
100) 1,3-Dichlorobenzene	12.286	146	332448	9.538	ug/L		97
101) 1,4-Dichlorobenzene	12.376	146	340399	9.538	ug/L		97
102) p-Diethylbenzene	12.574	119	303160	8.383	ug/L		96
103) n-Butylbenzene	12.640	91	408815	8.110	ug/L		99
104) 1,2-Dichlorobenzene	12.796	146	313340	9.268	ug/L		98
105) 1,2,4,5-Tetramethylben...	13.363	119	393400	8.401	ug/L		95
106) 1,2-Dibromo-3-chloropr...	13.577	155	25290	8.344	ug/L		93
107) 1,3,5-Trichlorobenzene	13.602	180	207767	9.008	ug/L		98
108) Hexachlorobutadiene	14.161	225	78662	8.617	ug/L		99
109) 1,2,4-Trichlorobenzene	14.194	180	167609	8.683	ug/L		98
110) Naphthalene	14.490	128	300214	8.266	ug/L		100
111) 1,2,3-Trichlorobenzene	14.655	180	131621	8.353	ug/L		99

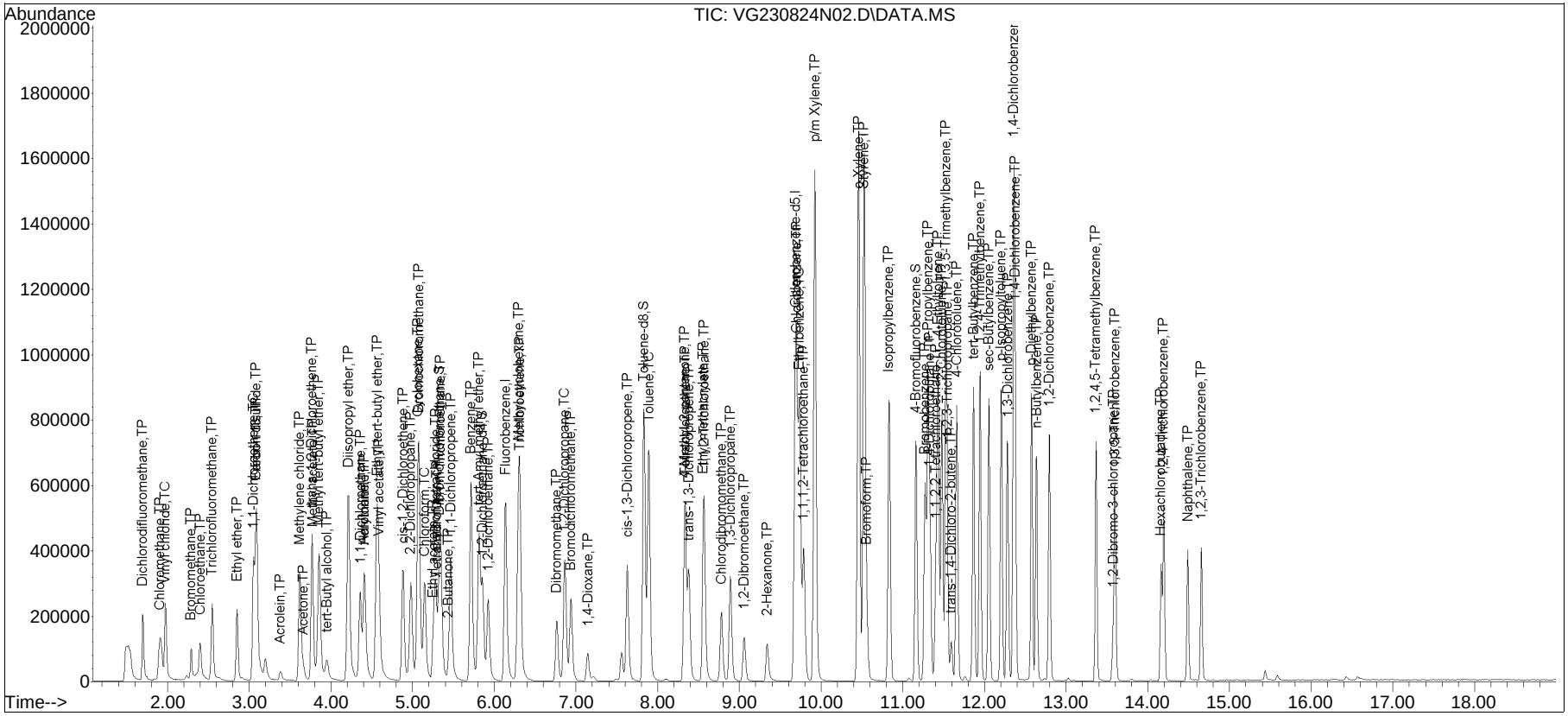
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-2
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

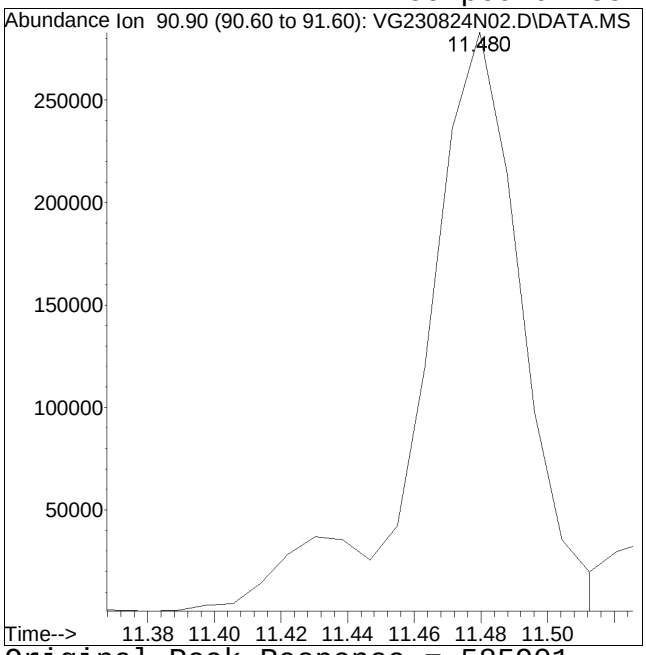


Manual Integration Report

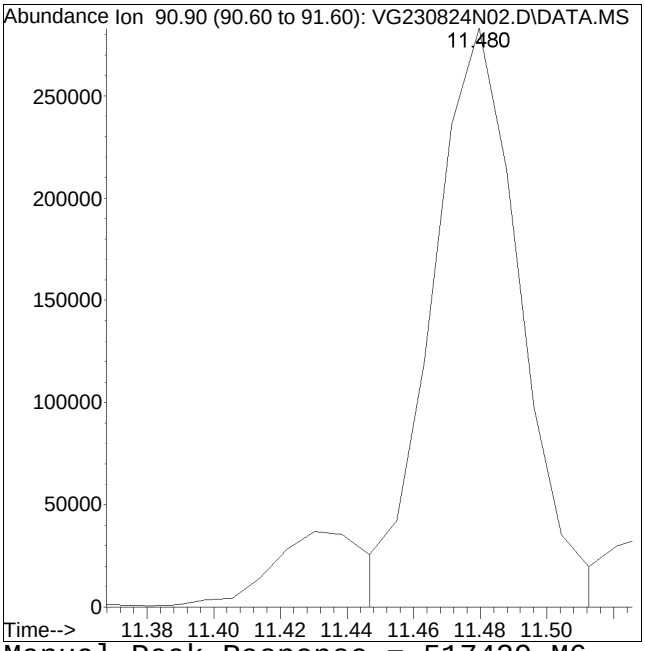
Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Date Inj'd : 8/24/2023 6:38 pm
Sample : WG1820053-2

QMethod : G_230726N_8260.m
Operator : GONZO:TMS
Instrument : Gonzo
Quant Date : 8/24/2023 7:14 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 585901



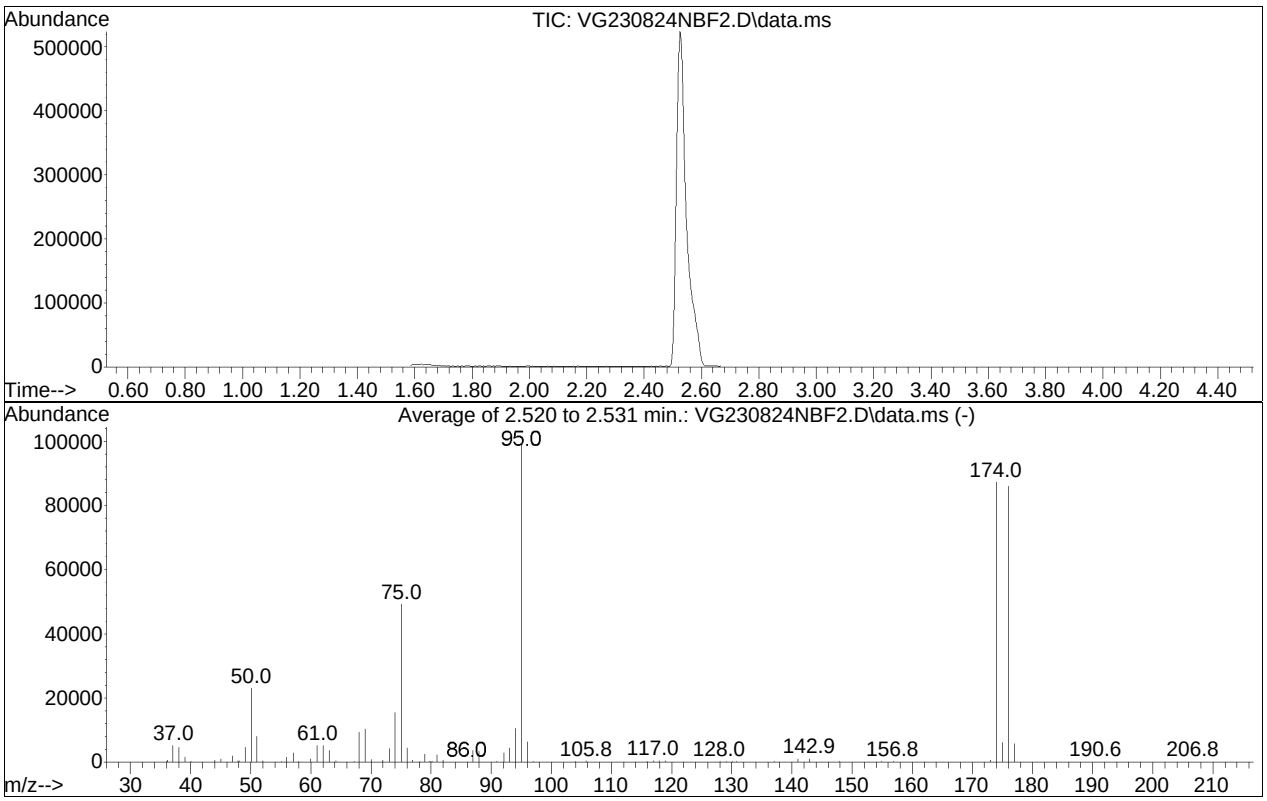
Manual Peak Response = 517429 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824NBF2.D
Acq On : 24 Aug 2023 5:55 pm
Operator : GONZO:TMS
Sample : WG1820053-1
Misc : WG1820053,ICAL20208
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jul 27 11:43:17 2023



Spectrum Information: Average of 2.520 to 2.531 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.2	23099	PASS
75	95	30	60	49.6	49405	PASS
95	95	100	100	100.0	99592	PASS
96	95	5	9	6.4	6331	PASS
173	174	0.00	2	0.7	604	PASS
174	95	50	100	87.7	87336	PASS
175	174	5	9	7.1	6171	PASS
176	174	95	101	98.4	85973	PASS
177	176	5	9	6.6	5683	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N05.D
Acq On : 24 Aug 2023 7:49 pm
Operator : GONZO:TMS
Sample : WG1820053-5,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 21:46:15 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	568695	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery = 92.99%			
59) Chlorobenzene-d5	9.686	117	528104	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery = 95.41%			
79) 1,4-Dichlorobenzene-d4	12.360	152	320065	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery = 96.12%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.327	113	161305	11.054	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 110.54%			
43) 1,2-Dichloroethane-d4	5.858	65	217484	11.703	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.03%			
60) Toluene-d8	7.836	98	652625	9.740	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 97.40%			
83) 4-Bromofluorobenzene	11.167	95	264931	9.129	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.29%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	d	
3) Chloromethane	1.923	50	966	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.288	94	992	0.119	ug/L #	69
6) Chloroethane	0.000		0	N.D.	d	
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.085	76	1995	N.D.		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.610	84	455	N.D.		
17) Acetone	3.670	43	1245	0.238	ug/L	90
18) trans-1,2-Dichloroethene	3.777	96	355	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.	d	
30) Bromochloromethane	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	0.000		0	N.D.		
34) Carbon tetrachloride	0.000		0	N.D.		

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N05.D
Acq On : 24 Aug 2023 7:49 pm
Operator : GONZO:TMS
Sample : WG1820053-5,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 21:46:15 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1,1,1-Trichloroethane	0.000		0	N.D.		
39)	2-Butanone	0.000		0	N.D.	d	
41)	Benzene	0.000		0	N.D.	d	
44)	1,2-Dichloroethane	5.934	62	437	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.	d	
51)	1,2-Dichloropropane	0.000		0	N.D.	d	
54)	Bromodichloromethane	0.000		0	N.D.		
57)	1,4-Dioxane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.	d	
61)	Toluene	0.000		0	N.D.	d	
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.	d	
73)	Chlorobenzene	9.711	112	93	N.D.		
74)	Ethylbenzene	9.752	91	1523	N.D.		
76)	p/m Xylene	0.000		0	N.D.	d	
77)	o Xylene	0.000		0	N.D.	d	
78)	Styrene	0.000		0	N.D.	d	
80)	Bromoform	0.000		0	N.D.	d	
82)	Isopropylbenzene	0.000		0	N.D.	d	
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
100)	1,3-Dichlorobenzene	12.294	146	733	N.D.		
101)	1,4-Dichlorobenzene	12.376	146	929	N.D.		
104)	1,2-Dichlorobenzene	12.821	146	733	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	14.211	180	1533	0.083	ug/L #	86
111)	1,2,3-Trichlorobenzene	14.663	180	2431	0.161	ug/L	94

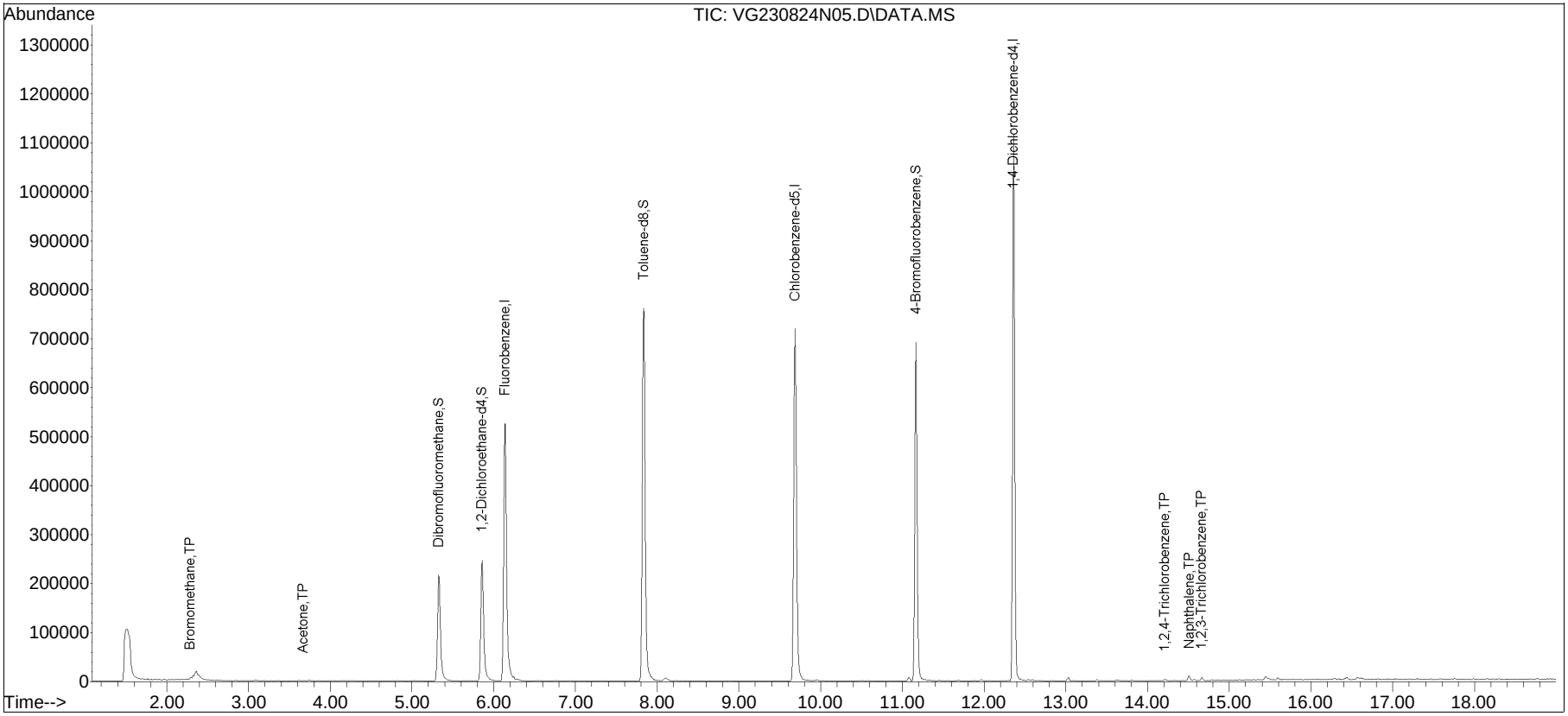
(#) = qualifier out of range (m) = manual integration (+) = signals summed

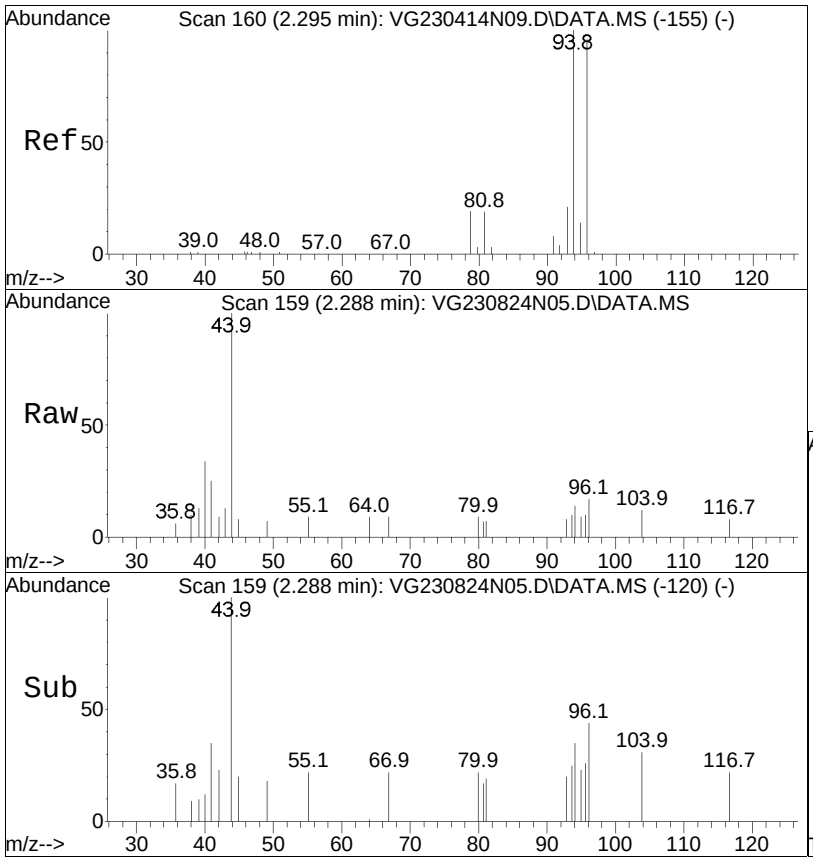
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N05.D
Acq On : 24 Aug 2023 7:49 pm
Operator : GONZO:TMS
Sample : WG1820053-5,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 21:46:15 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

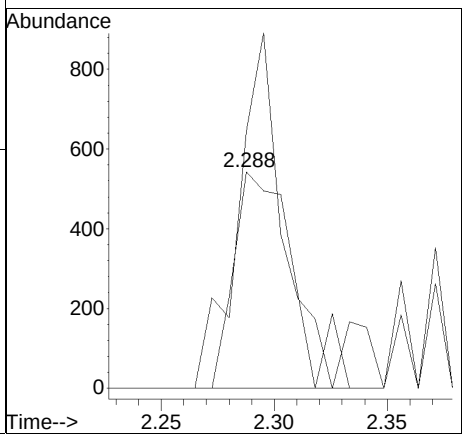


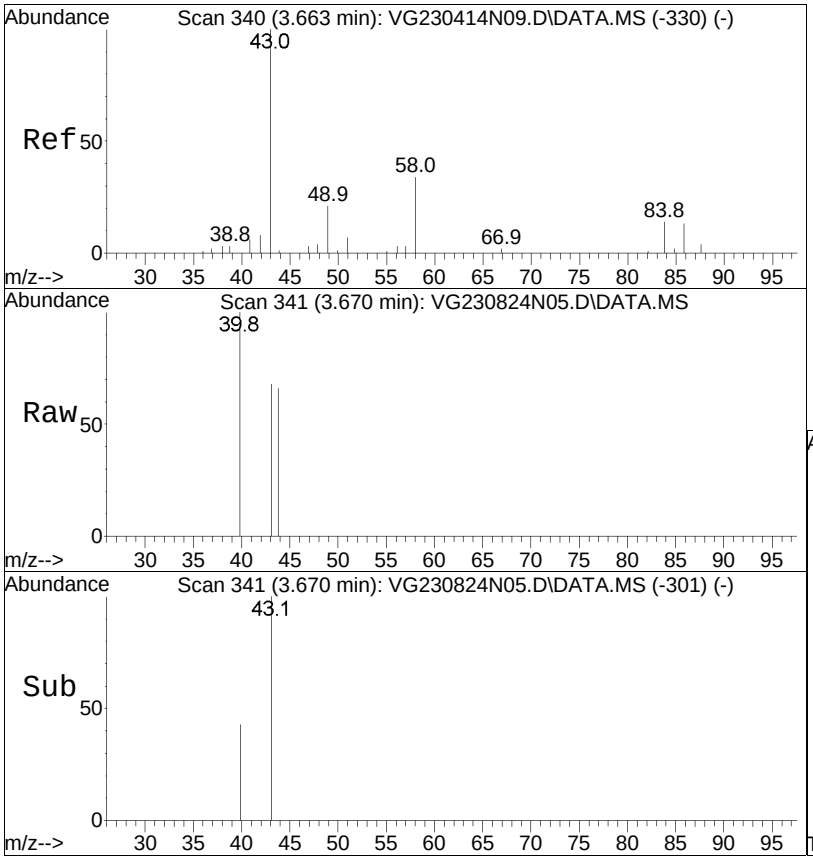


#5
Bromomethane
Concen: 0.12 ug/L
RT: 2.288 min Scan# 159
Delta R.T. -0.000 min
Lab File: VG230824N05.D
Acq: 24 Aug 2023 7:49 pm

Tgt Ion: 94 Resp: 992

Ion	Ratio	Lower	Upper
94	100		
96	125.2	75.2	115.2#

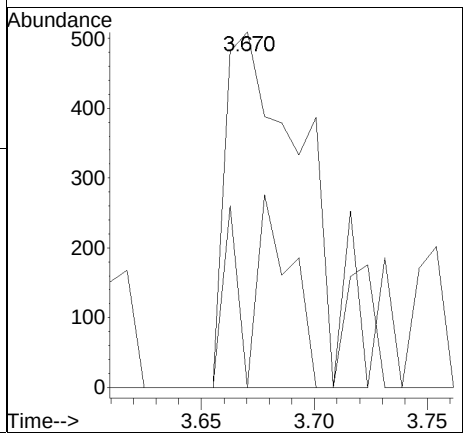


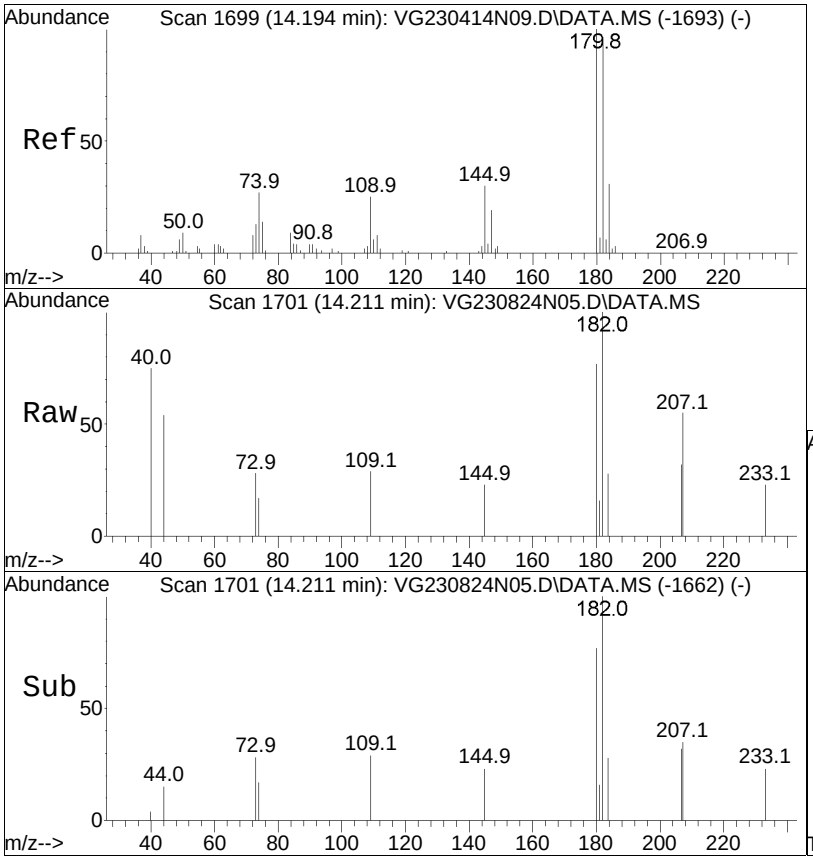


#17
Acetone
Concen: 0.24 ug/L
RT: 3.670 min Scan# 341
Delta R.T. 0.007 min
Lab File: VG230824N05.D
Acq: 24 Aug 2023 7:49 pm

Tgt Ion: 43 Resp: 1245

Ion	Ratio	Lower	Upper
43	100		
58	22.8	22.2	33.4

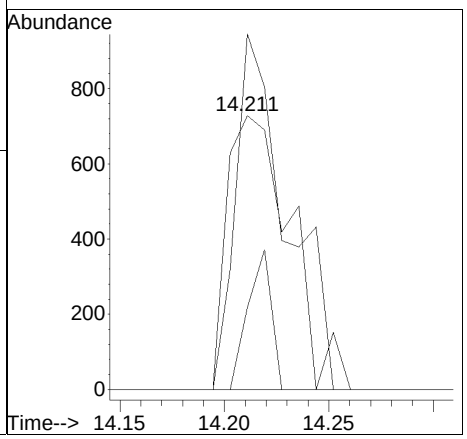


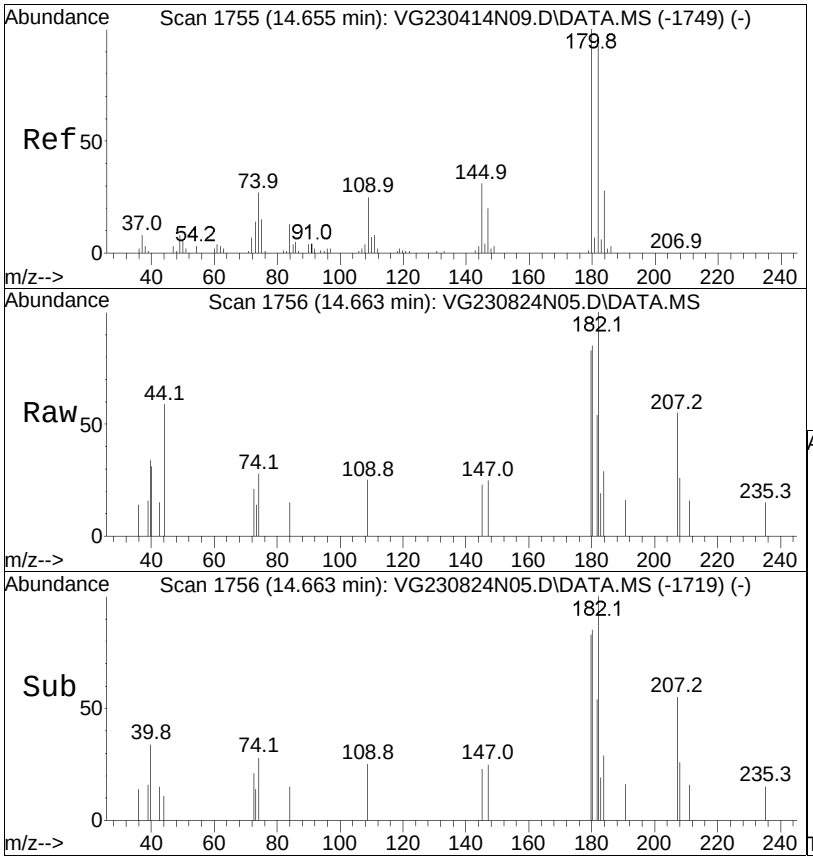


#109
1,2,4-Trichlorobenzene
Concen: 0.08 ug/L
RT: 14.211 min Scan# 1701
Delta R.T. 0.017 min
Lab File: VG230824N05.D
Acq: 24 Aug 2023 7:49 pm

Tgt Ion:180 Resp: 1533

Ion	Ratio	Lower	Upper
180	100		
182	105.4	76.7	115.1
145	19.0	26.5	39.7#

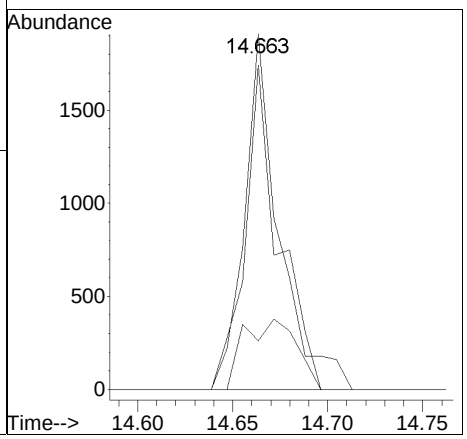




#111
1,2,3-Trichlorobenzene
Concen: 0.16 ug/L
RT: 14.663 min Scan# 1756
Delta R.T. 0.008 min
Lab File: VG230824N05.D
Acq: 24 Aug 2023 7:49 pm

Tgt Ion:180 Resp: 2431

Ion	Ratio	Lower	Upper
180	100		
182	88.9	77.0	115.4
145	29.7	24.1	36.1

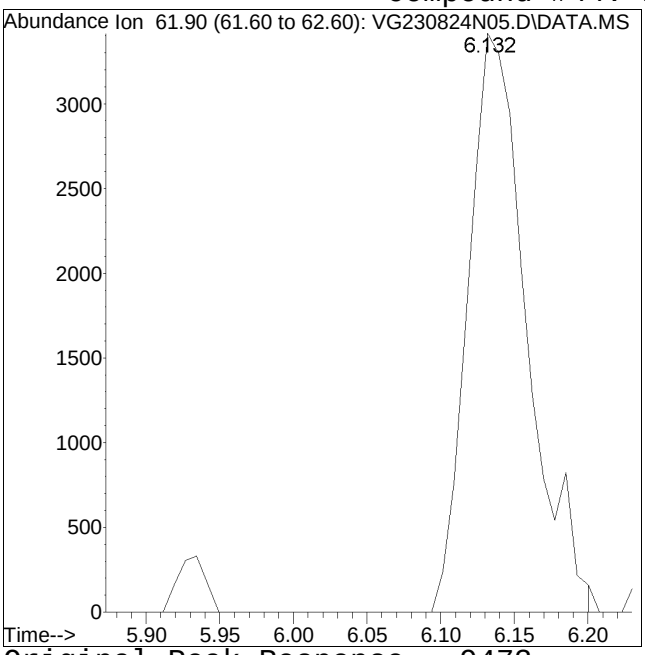


Manual Integration Report

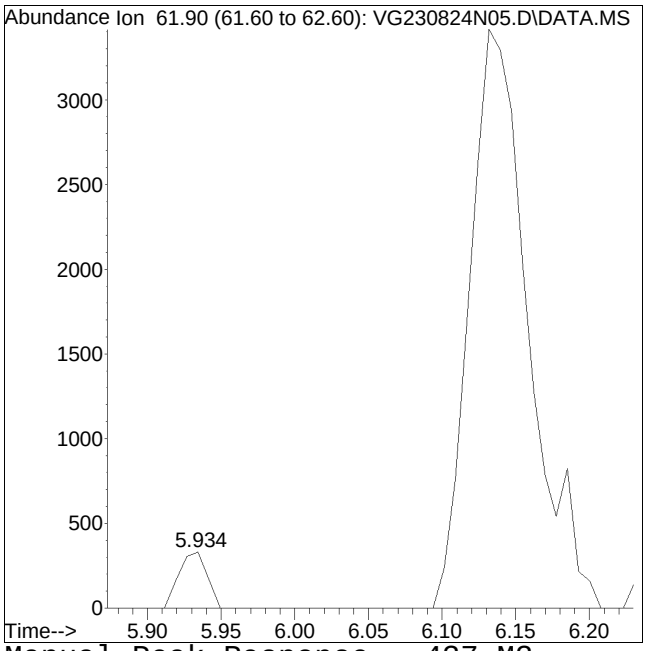
Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N05.D
Date Inj'd : 8/24/2023 7:49 pm
Sample : WG1820053-5,31,10,10

QMethod : G_230726N_8260.m
Operator : GONZO:TMS
Instrument : Gonzo
Quant Date : 8/24/2023 9:42 pm

Compound #44: 1,2-Dichloroethane



Original Peak Response = 9473



Manual Peak Response = 437 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-3,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	611548	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery = 100.00%			
59) Chlorobenzene-d5	9.686	117	553536	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	12.360	152	332996	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	170095	10.840	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 108.40%			
43) 1,2-Dichloroethane-d4	5.858	65	215286	10.773	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 107.73%			
60) Toluene-d8	7.829	98	688849	9.809	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.09%			
83) 4-Bromofluorobenzene	11.159	95	275165	9.114	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 91.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.695	85	169146	9.974	ug/L	97
3) Chloromethane	1.908	50	268676	10.933	ug/L	97
4) Vinyl chloride	1.968	62	203358	11.485	ug/L	97
5) Bromomethane	2.288	94	52039	5.793	ug/L	100
6) Chloroethane	2.401	64	115144	14.682	ug/L	89
7) Trichlorofluoromethane	2.546	101	216653	10.970	ug/L	96
10) 1,1-Dichloroethene	3.055	96	130512	10.428	ug/L #	57
11) Carbon disulfide	3.085	76	402501	10.335	ug/L	98
12) Freon-113	3.085	101	140404	10.560	ug/L #	76
15) Methylene chloride	3.617	84	149238	9.911	ug/L #	55
17) Acetone	3.663	43	43273	7.698	ug/L #	83
18) trans-1,2-Dichloroethene	3.769	96	147209	10.965	ug/L #	71
19) Methyl acetate	3.777	43	123655	9.856	ug/L #	86
20) Methyl tert-butyl ether	3.853	73	426596	9.907	ug/L #	81
23) 1,1-Dichloroethane	4.362	63	348578	11.929	ug/L	96
28) cis-1,2-Dichloroethene	4.886	96	165049	10.623	ug/L #	73
30) Bromochloromethane	5.076	128	73634	11.669	ug/L #	56
31) Cyclohexane	5.068	56	375408	10.819	ug/L #	58
32) Chloroform	5.152	83	277510	11.246	ug/L	96
34) Carbon tetrachloride	5.281	117	207695	10.650	ug/L	98

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-3,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,1,1-Trichloroethane	5.342	97	241588	10.654	ug/L		92
39) 2-Butanone	5.440	43	68912	8.150	ug/L	#	69
41) Benzene	5.714	78	606180	10.521	ug/L	#	86
44) 1,2-Dichloroethane	5.927	62	249960	11.614	ug/L		98
47) Methyl cyclohexane	6.299	83	207525	8.222	ug/L	#	39
48) Trichloroethene	6.314	95	158125	9.130	ug/L		97
51) 1,2-Dichloropropane	6.861	63	196997	11.782	ug/L	#	92
54) Bromodichloromethane	6.937	83	202034	10.265	ug/L		100
57) 1,4-Dioxane	7.149	88	66678	442.262	ug/L	#	62
58) cis-1,3-Dichloropropene	7.629	75	245640	10.139	ug/L		91
61) Toluene	7.894	92	383049	9.980	ug/L		100
62) 4-Methyl-2-pentanone	8.331	58	65958	10.067	ug/L	#	96
63) Tetrachloroethene	8.338	166	166144	9.898	ug/L		96
65) trans-1,3-Dichloropropene	8.381	75	218390	9.259	ug/L		98
68) 1,1,2-Trichloroethane	8.567	83	107722	9.568	ug/L		98
69) Chlorodibromomethane	8.782	129	146948	9.768	ug/L		99
71) 1,2-Dibromoethane	9.061	107	125739	9.482	ug/L		99
72) 2-Hexanone	9.341	43	111973	8.092	ug/L		100
73) Chlorobenzene	9.703	112	417261	10.282	ug/L		95
74) Ethylbenzene	9.736	91	731743	10.000	ug/L		98
76) p/m Xylene	9.925	106	569272	20.393	ug/L		95
77) o Xylene	10.460	106	549260	20.451	ug/L		93
78) Styrene	10.525	104	938428	20.245	ug/L		94
80) Bromoform	10.558	173	100857	9.033	ug/L		98
82) Isopropylbenzene	10.830	105	699462	9.650	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.406	83	167162	10.905	ug/L		99
100) 1,3-Dichlorobenzene	12.286	146	332448	9.538	ug/L		97
101) 1,4-Dichlorobenzene	12.376	146	340399	9.538	ug/L		97
104) 1,2-Dichlorobenzene	12.796	146	313340	9.268	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.577	155	25290	8.344	ug/L		93
109) 1,2,4-Trichlorobenzene	14.194	180	167609	8.683	ug/L		98
111) 1,2,3-Trichlorobenzene	14.655	180	131621	8.353	ug/L		99

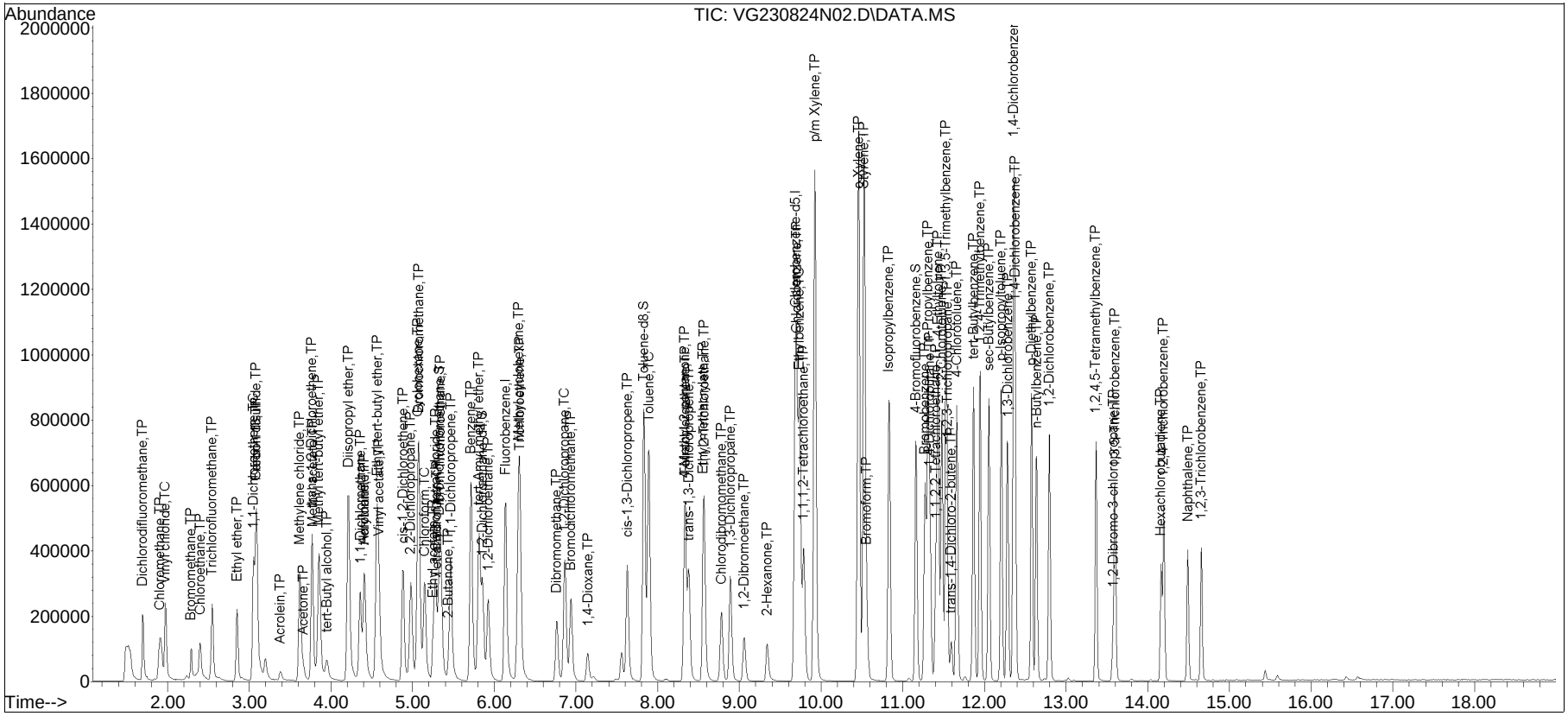
(#) = qualifier out of range (m) = manual integration (+) = signals summed

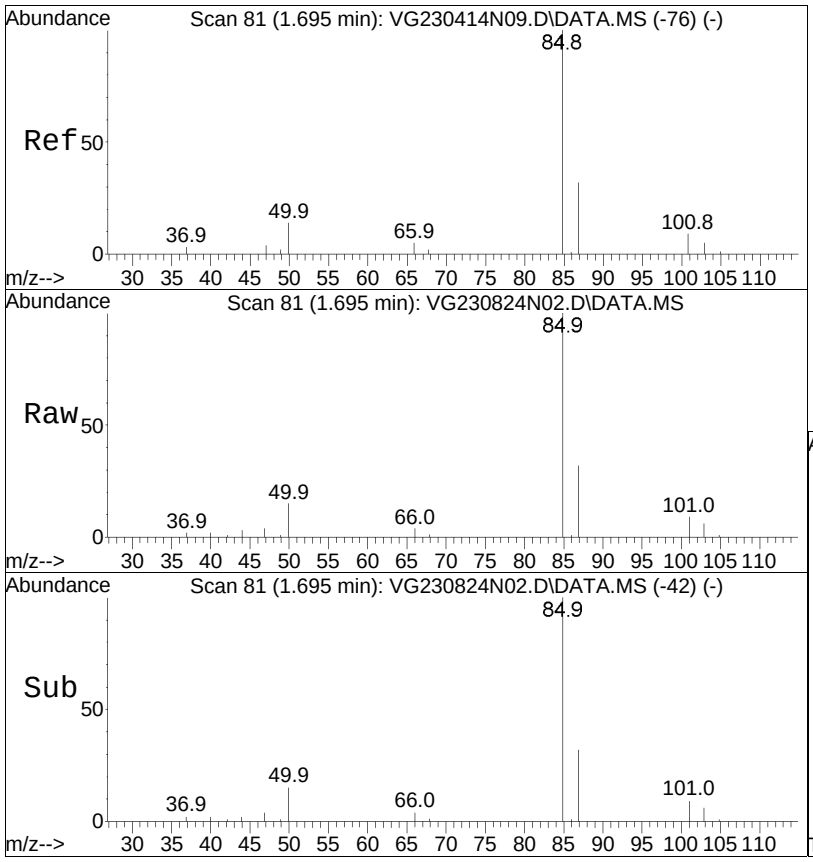
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N02.D
Acq On : 24 Aug 2023 6:38 pm
Operator : GONZO:TMS
Sample : WG1820053-3,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 24 19:17:19 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

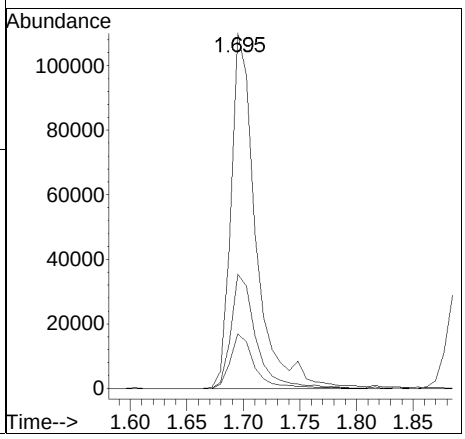


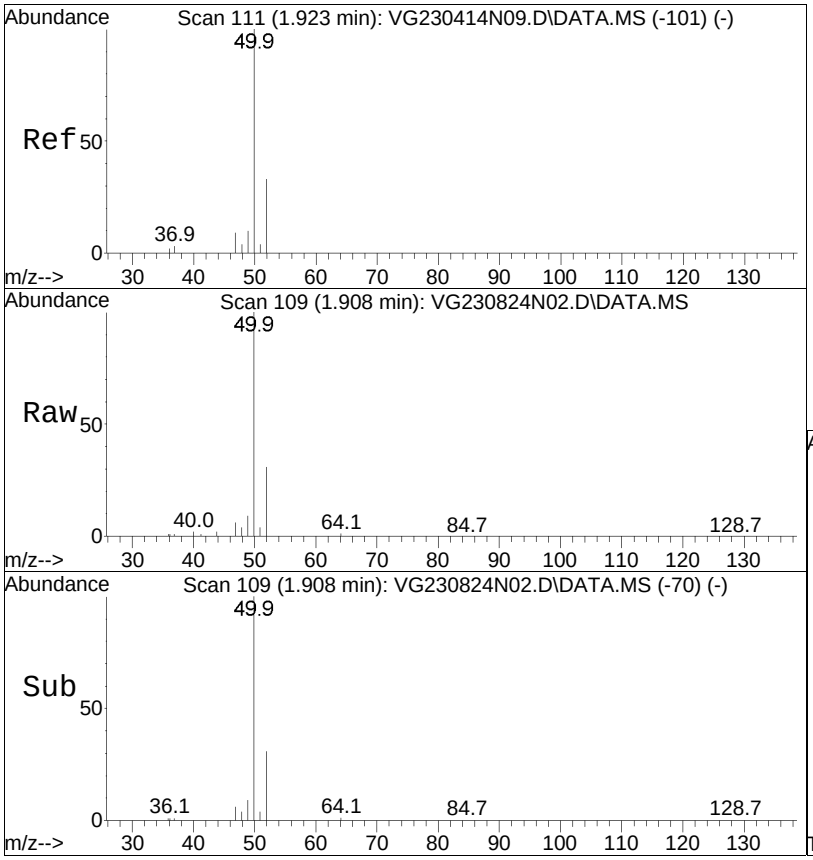


#2
Dichlorodifluoromethane
Concen: 9.97 ug/L
RT: 1.695 min Scan# 81
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 85 Resp: 169146

Ion	Ratio	Lower	Upper
85	100		
87	32.2	20.7	42.9
50	15.0	7.5	15.5

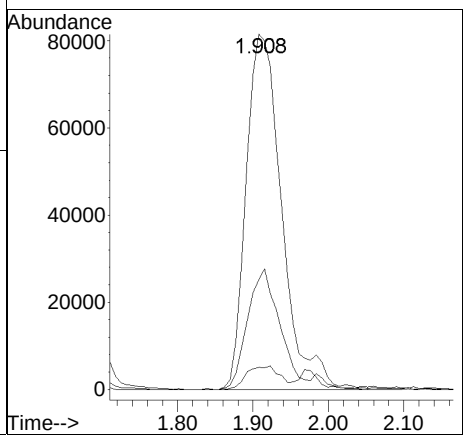


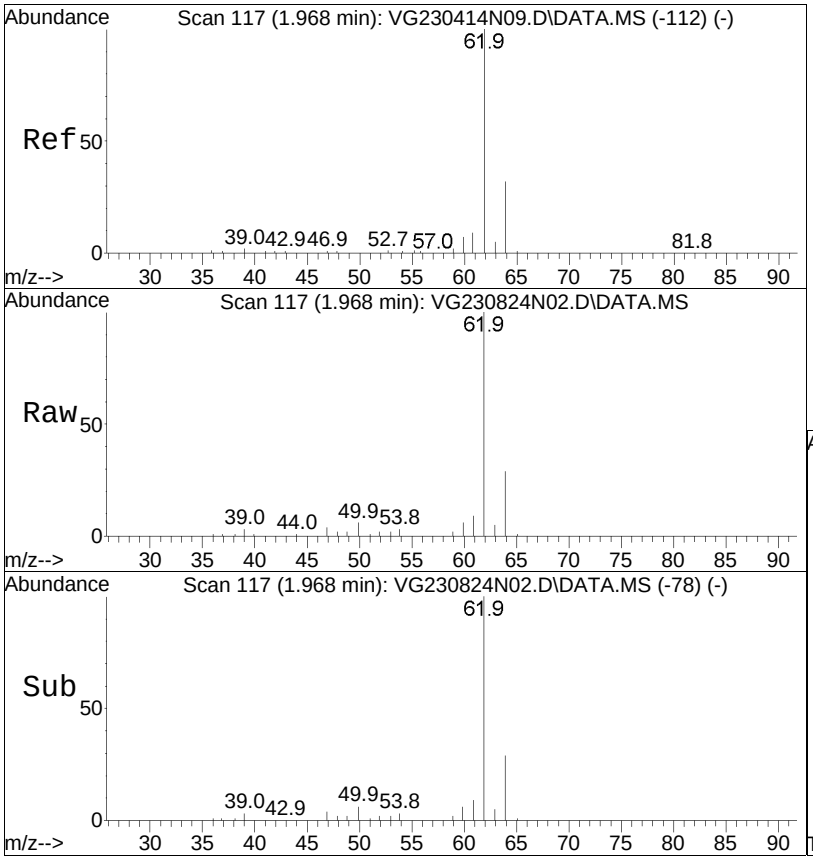


#3
Chloromethane
Concen: 10.93 ug/L
RT: 1.908 min Scan# 109
Delta R.T. -0.007 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 50 Resp: 268676

Ion	Ratio	Lower	Upper
50	100		
52	30.7	11.7	51.7
47	6.0	0.0	28.0

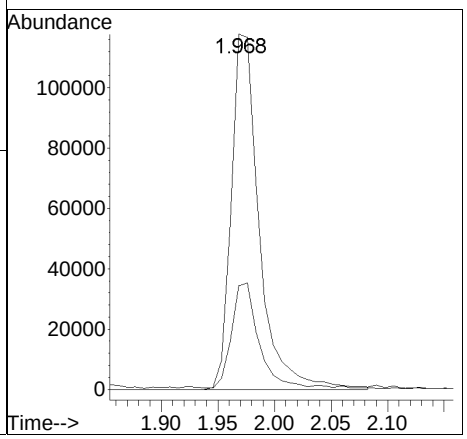


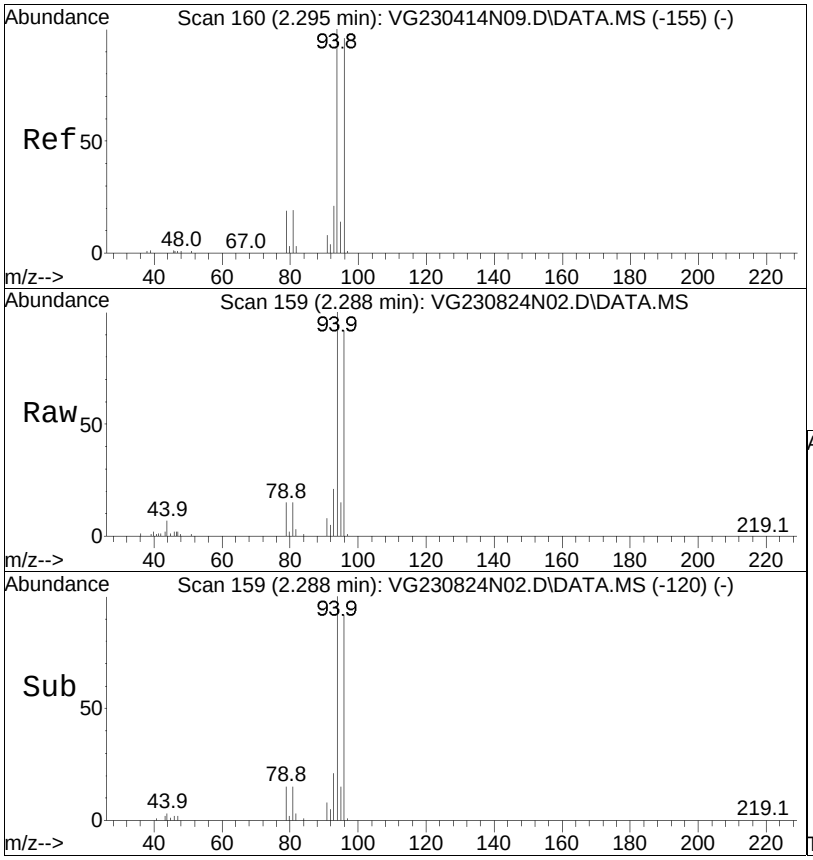


#4
Vinyl chloride
Concen: 11.49 ug/L
RT: 1.968 min Scan# 117
Delta R.T. -0.001 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 62 Resp: 203358

Ion	Ratio	Lower	Upper
62	100		
64	29.6	11.3	51.3

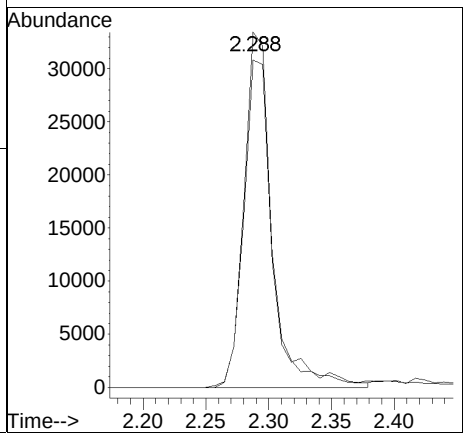


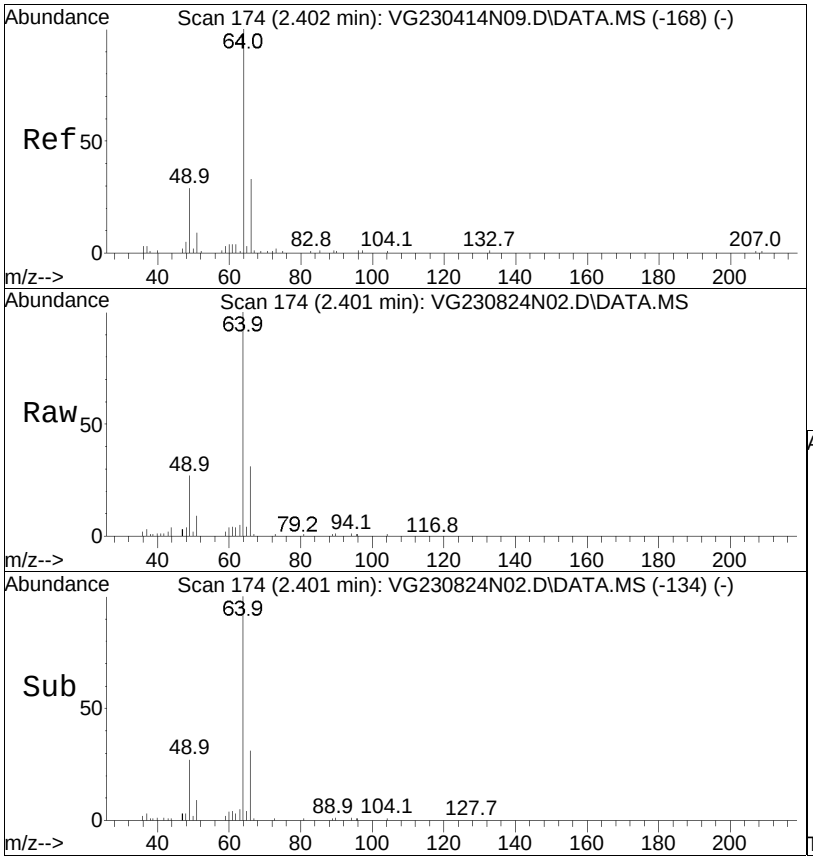


#5
Bromomethane
Concen: 5.79 ug/L
RT: 2.288 min Scan# 159
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 94 Resp: 52039

Ion	Ratio	Lower	Upper
94	100		
96	94.9	75.2	115.2

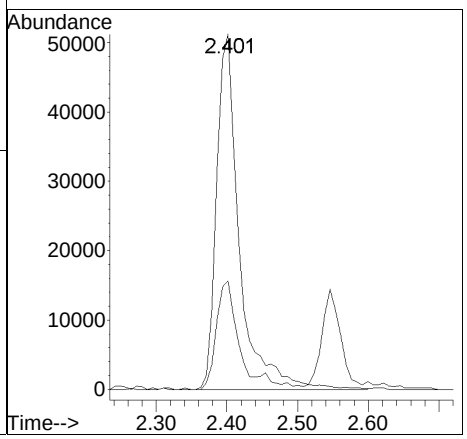


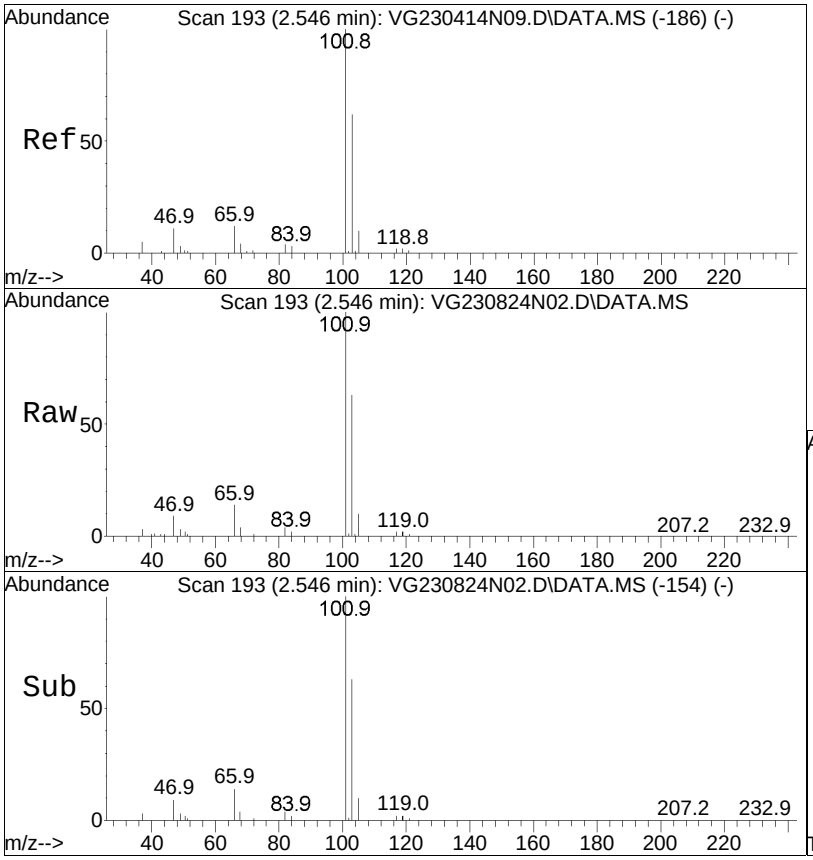


#6
Chloroethane
Concen: 14.68 ug/L
RT: 2.401 min Scan# 174
Delta R.T. 0.007 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 64 Resp: 115144

Ion	Ratio	Lower	Upper
64	100		
66	27.7	13.7	53.7

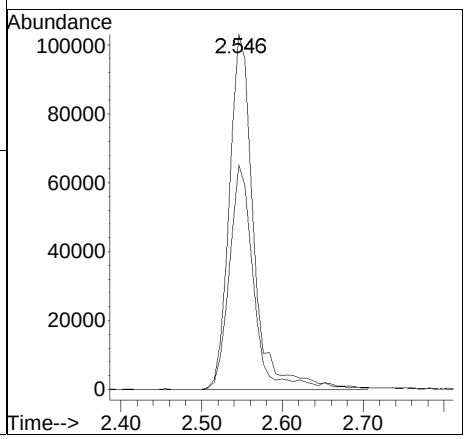


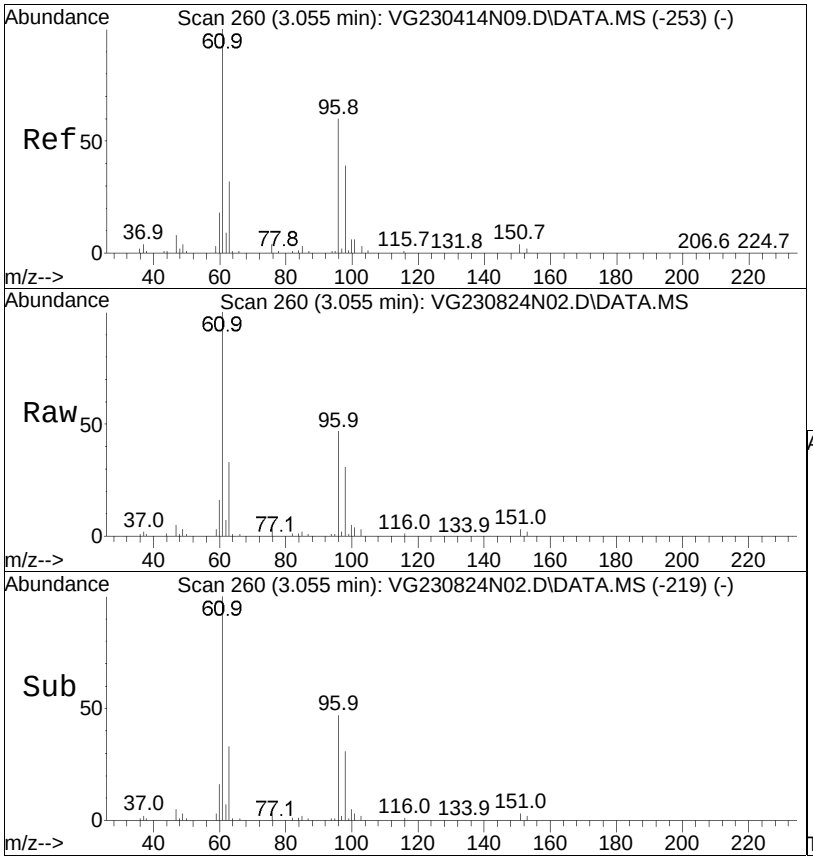


#7
Trichlorofluoromethane
Concen: 10.97 ug/L
RT: 2.546 min Scan# 193
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:101 Resp: 216653

Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.2	78.2

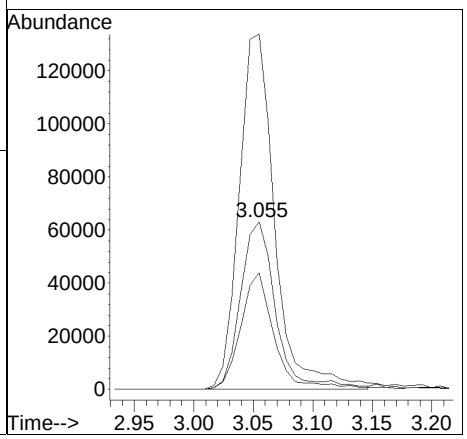


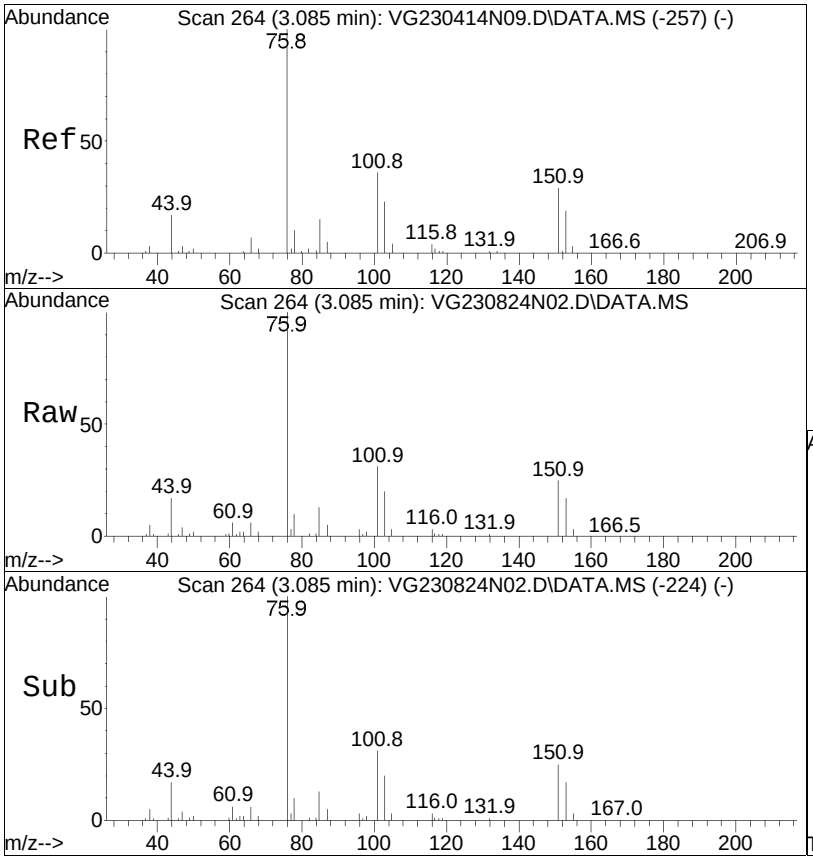


#10
1,1-Dichloroethene
Concen: 10.43 ug/L
RT: 3.055 min Scan# 260
Delta R.T. 0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 96 Resp: 130512

Ion	Ratio	Lower	Upper
96	100		
61	218.6	124.2	186.4#
63	66.9	40.0	60.0#

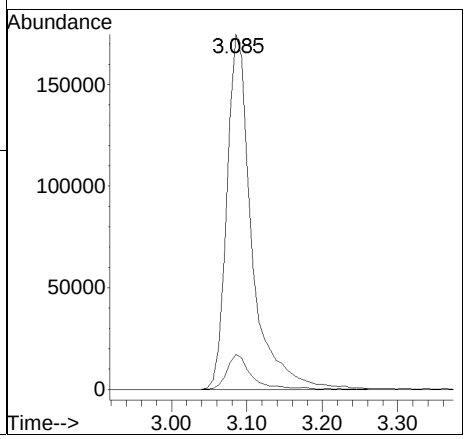


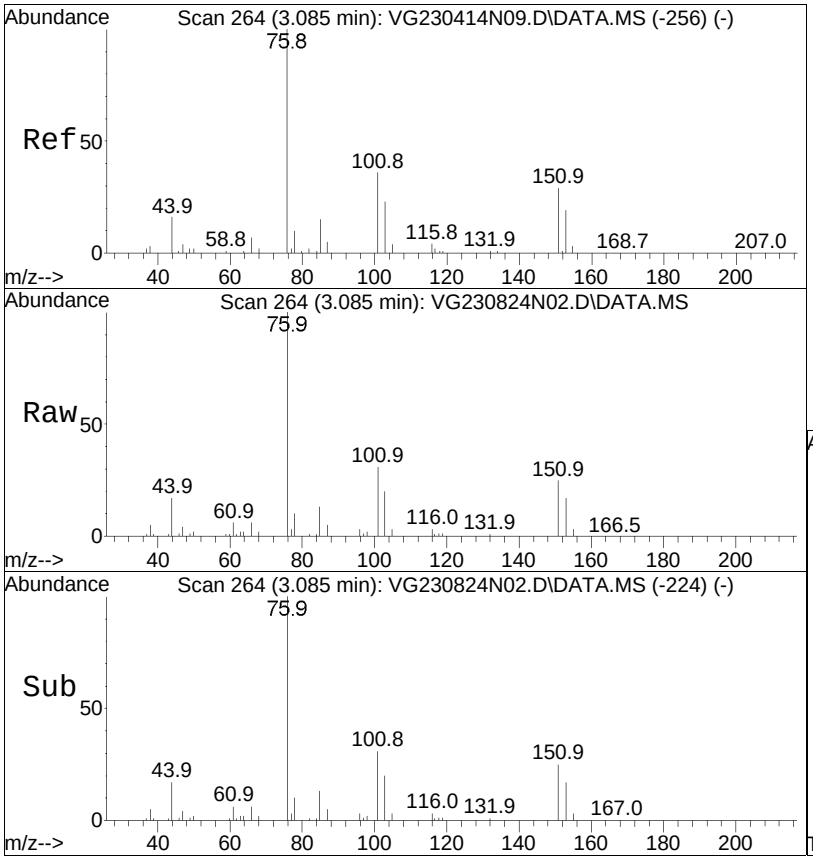


#11
Carbon disulfide
Concen: 10.33 ug/L
RT: 3.085 min Scan# 264
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 76 Resp: 402501

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.6	13.6

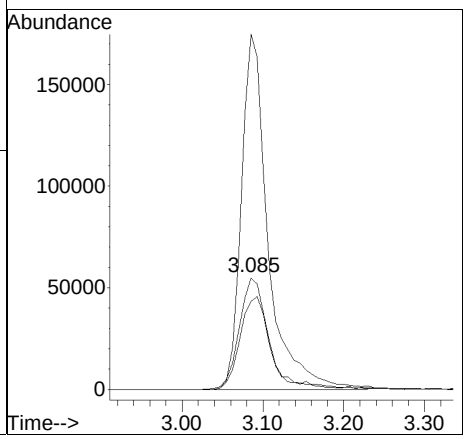


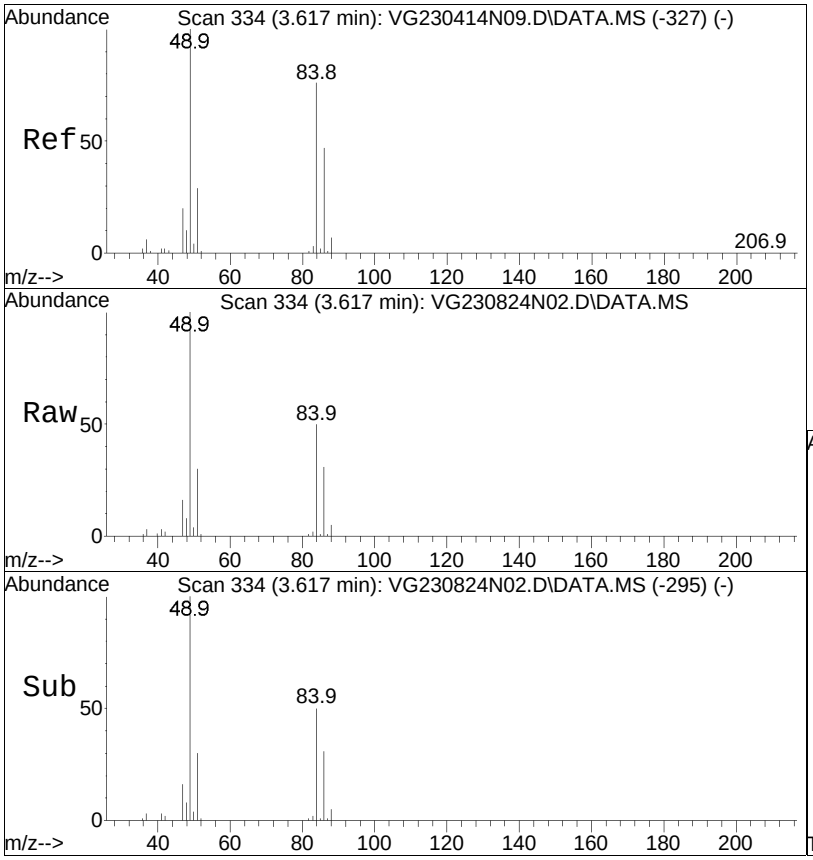


#12
Freon-113
Concen: 10.56 ug/L
RT: 3.085 min Scan# 264
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:101 Resp: 140404

Ion	Ratio	Lower	Upper
101	100		
151	85.3	68.2	102.2
76	286.7	186.0	279.0#

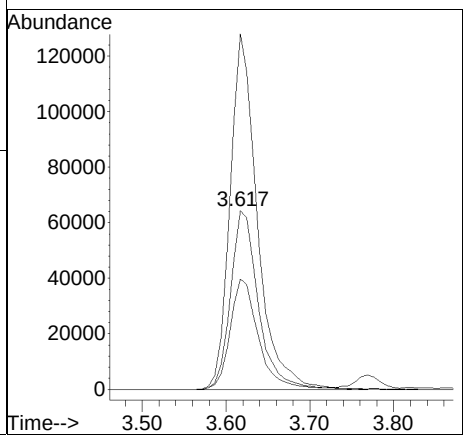


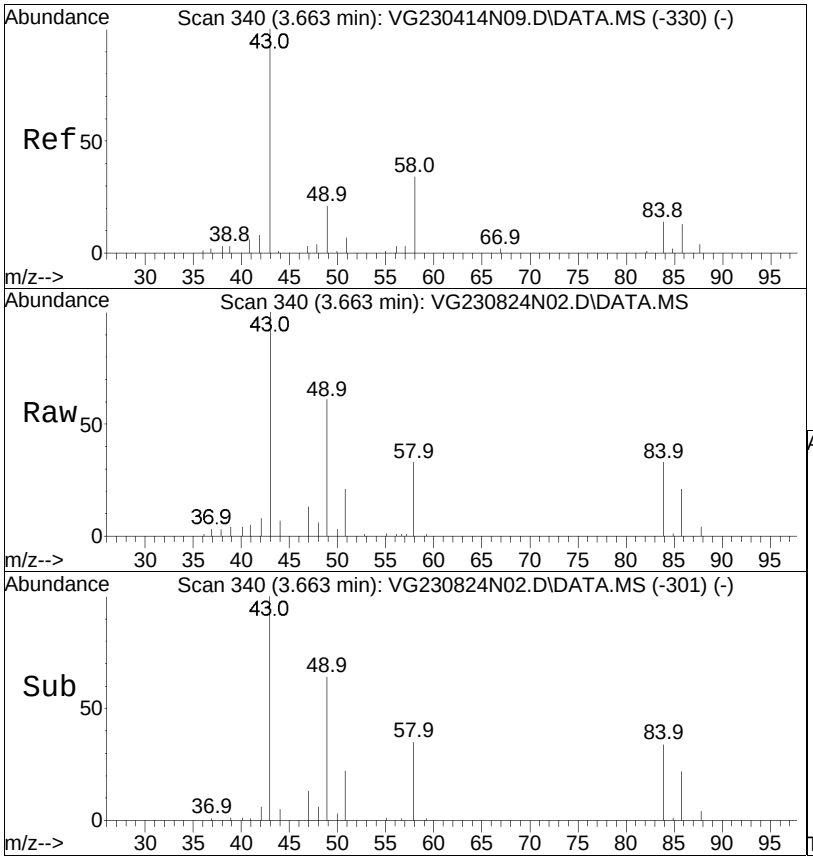


#15
Methylene chloride
Concen: 9.91 ug/L
RT: 3.617 min Scan# 334
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 84 Resp: 149238

Ion	Ratio	Lower	Upper
84	100		
86	63.0	41.1	85.5
49	193.6	76.2	158.2#

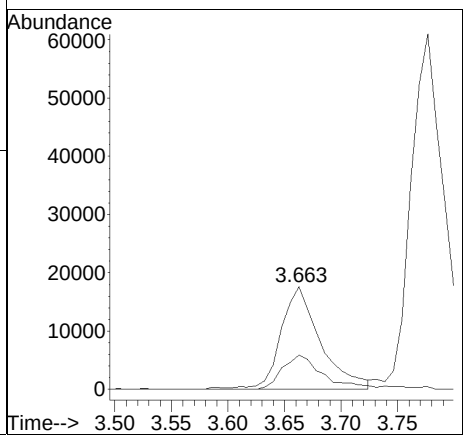


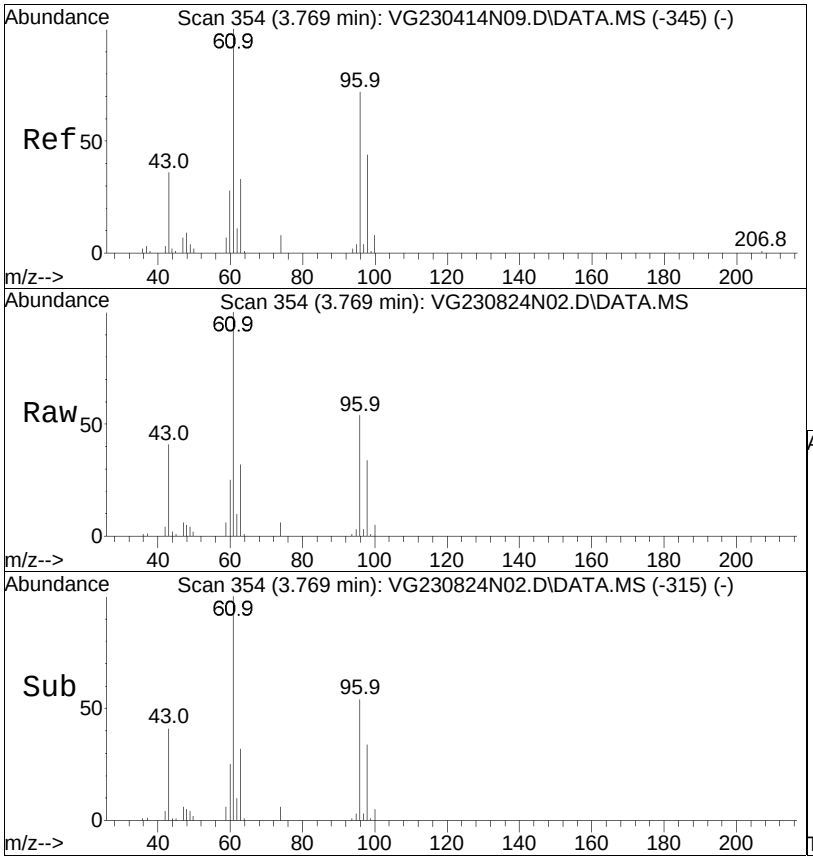


#17
Acetone
Concen: 7.70 ug/L
RT: 3.663 min Scan# 340
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 43 Resp: 43273

Ion	Ratio	Lower	Upper
43	100		
58	36.8	22.2	33.4#

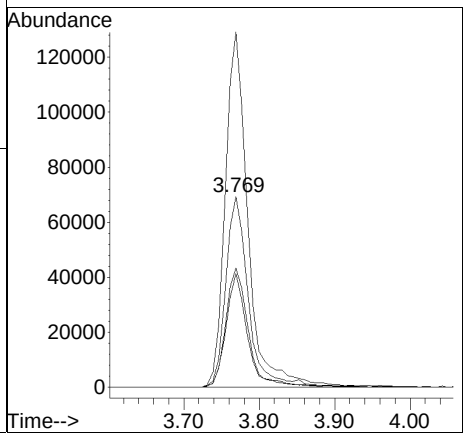


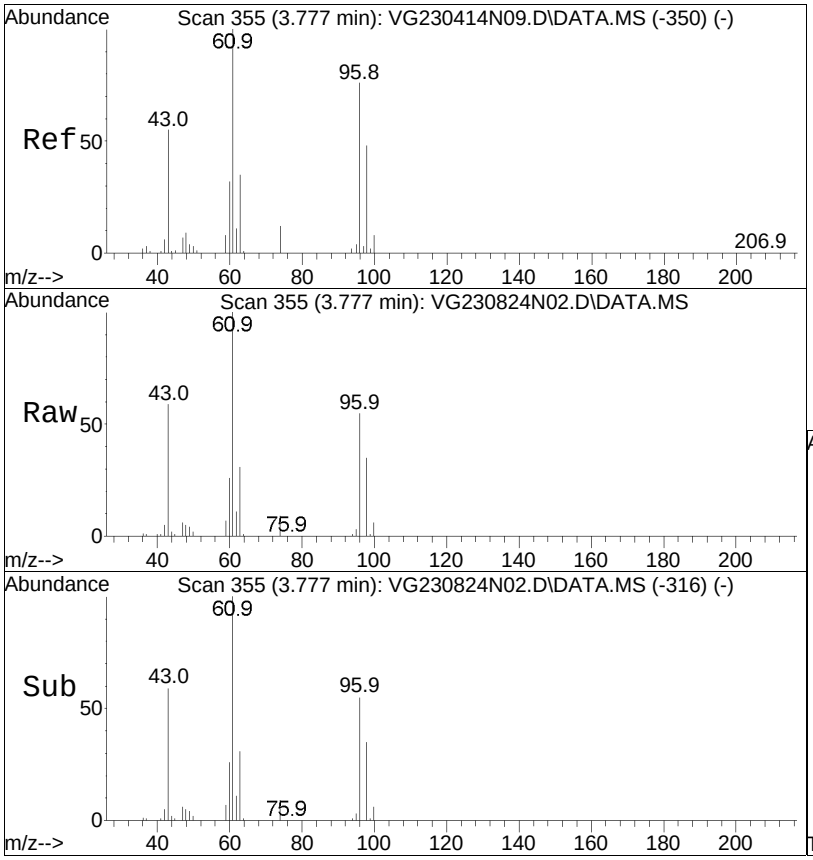


#18
trans-1,2-Dichloroethene
Concen: 10.97 ug/L
RT: 3.769 min Scan# 354
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 96 Resp: 147209

Ion	Ratio	Lower	Upper
96	100		
61	184.7	85.7	178.1#
98	63.2	40.2	83.4
63	56.2	28.0	58.2

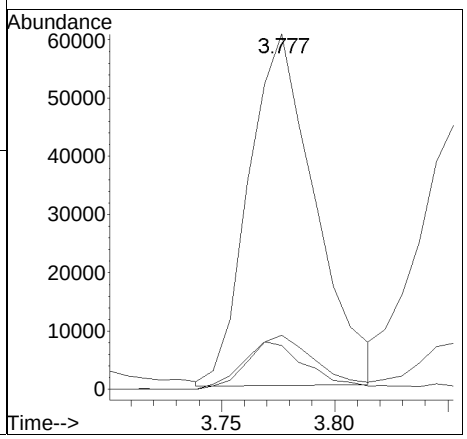


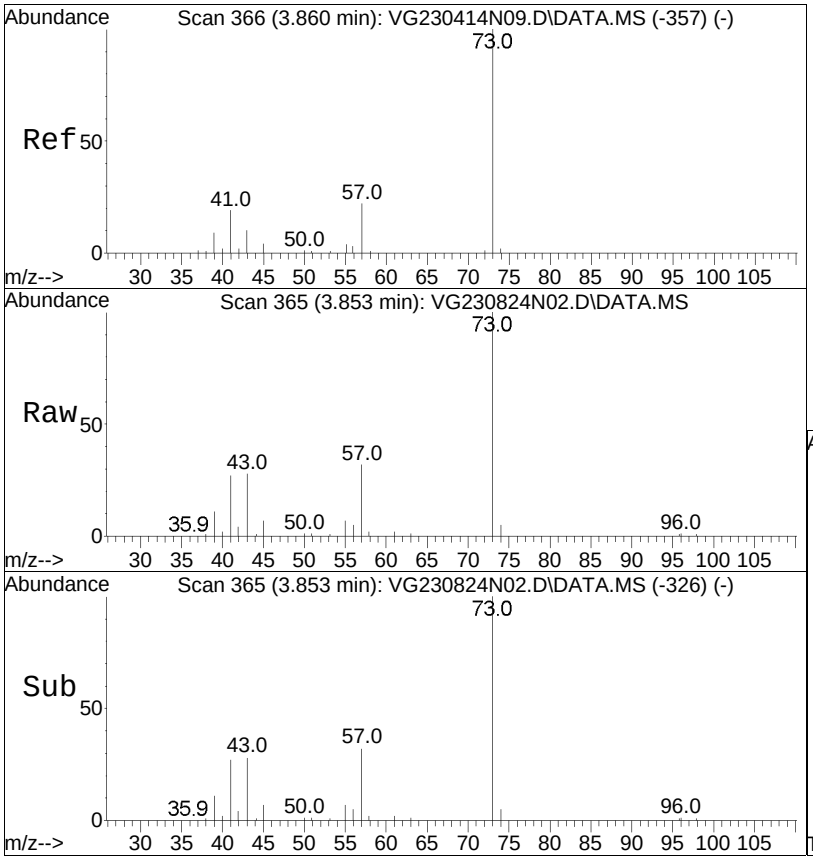


#19
Methyl acetate
Concen: 9.86 ug/L
RT: 3.777 min Scan# 355
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 43 Resp: 123655

Ion	Ratio	Lower	Upper
43	100		
74	15.5	19.3	28.9#
59	13.7	13.9	20.9#

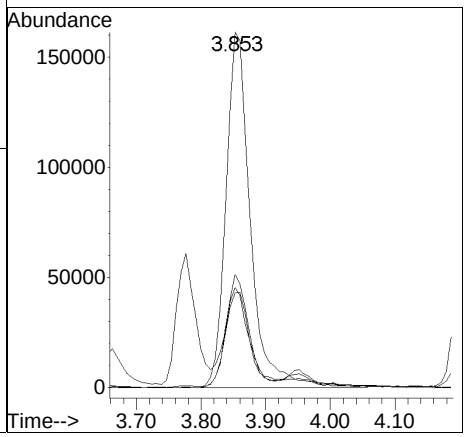


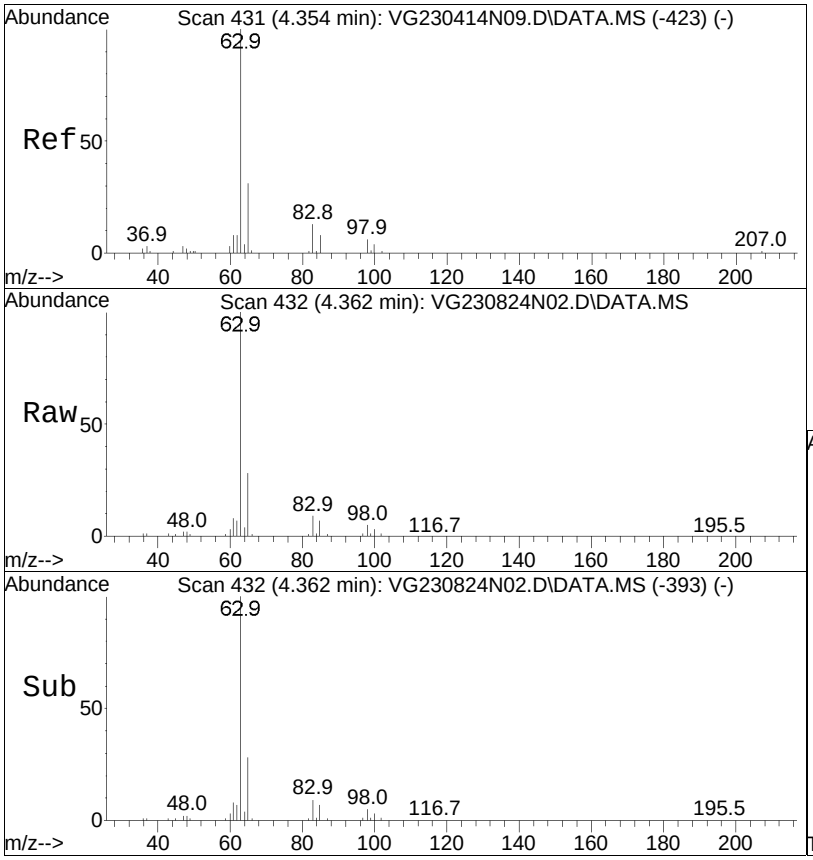


#20
Methyl tert-butyl ether
Concen: 9.91 ug/L
RT: 3.853 min Scan# 365
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 73 Resp: 426596

Ion	Ratio	Lower	Upper
73	100		
57	29.5	12.5	26.1#
43	28.3	13.0	27.0#
41	26.2	12.5	26.1#

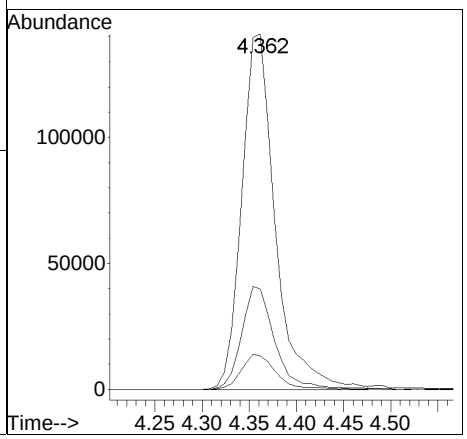


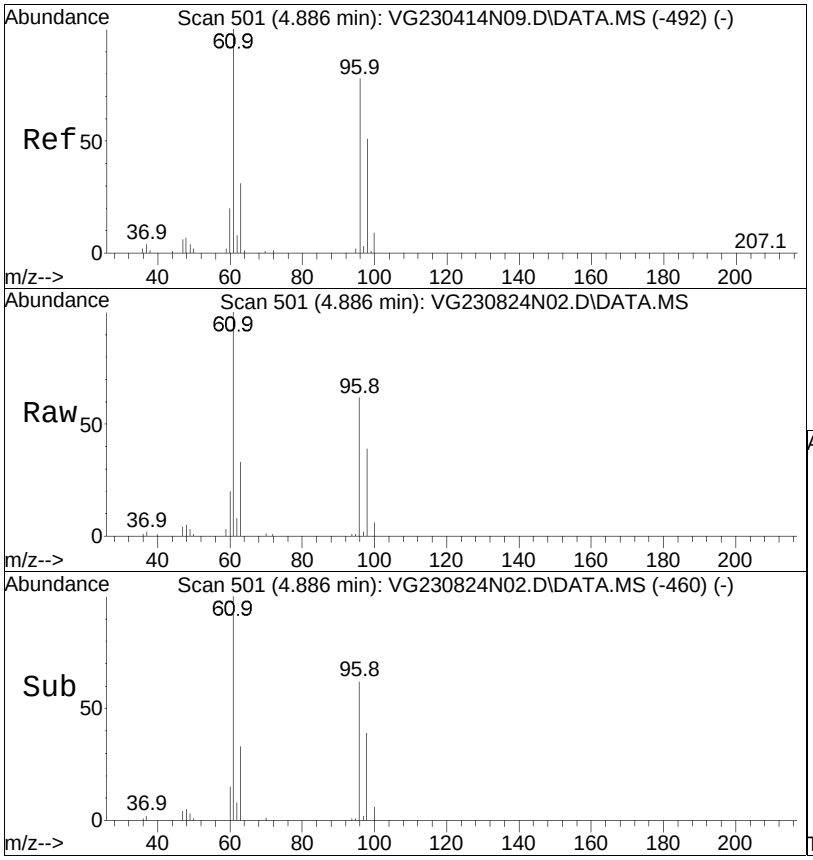


#23
1,1-Dichloroethane
Concen: 11.93 ug/L
RT: 4.362 min Scan# 432
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 63 Resp: 348578

Ion	Ratio	Lower	Upper
63	100		
65	28.8	10.4	50.4
83	10.3	0.0	33.2

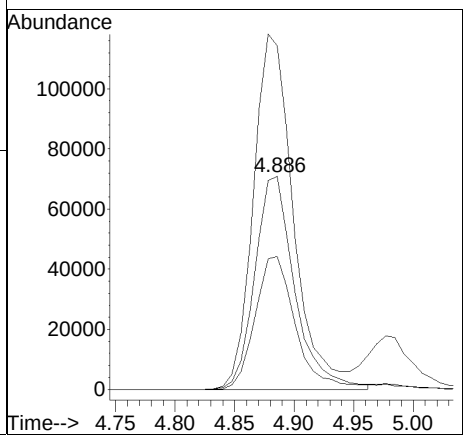


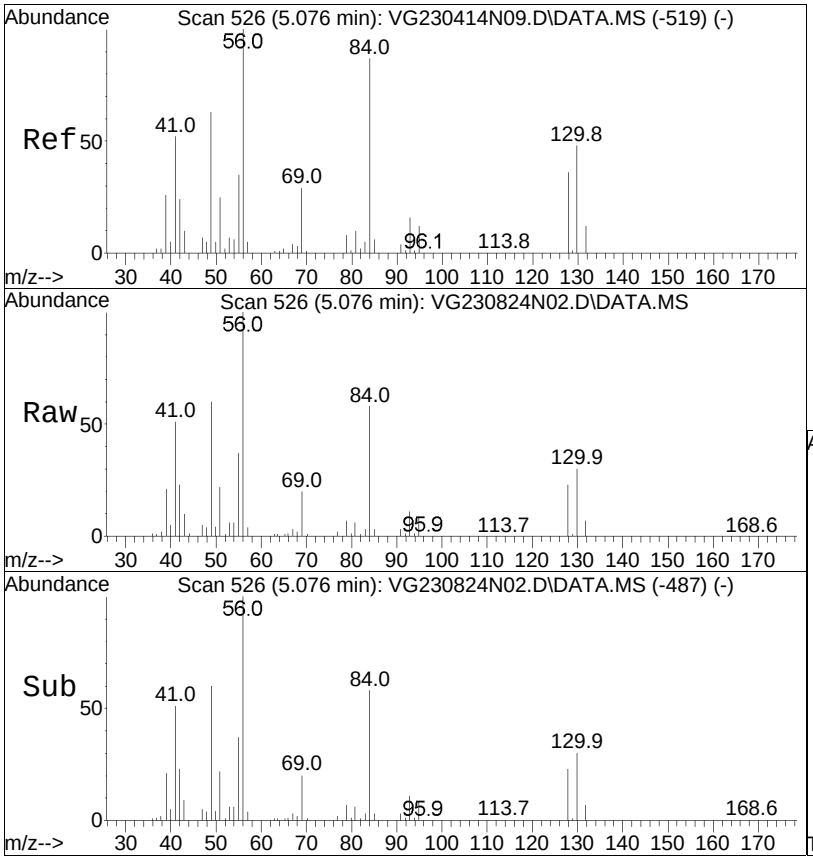


#28
cis-1,2-Dichloroethene
Concen: 10.62 ug/L
RT: 4.886 min Scan# 501
Delta R.T. 0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 96 Resp: 165049

Ion	Ratio	Lower	Upper
96	100		
61	165.5	96.6	144.8#
98	65.5	51.3	76.9

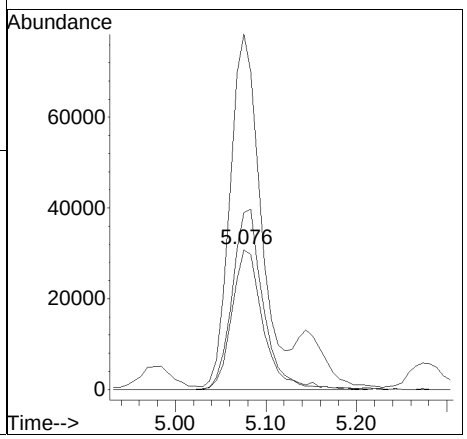


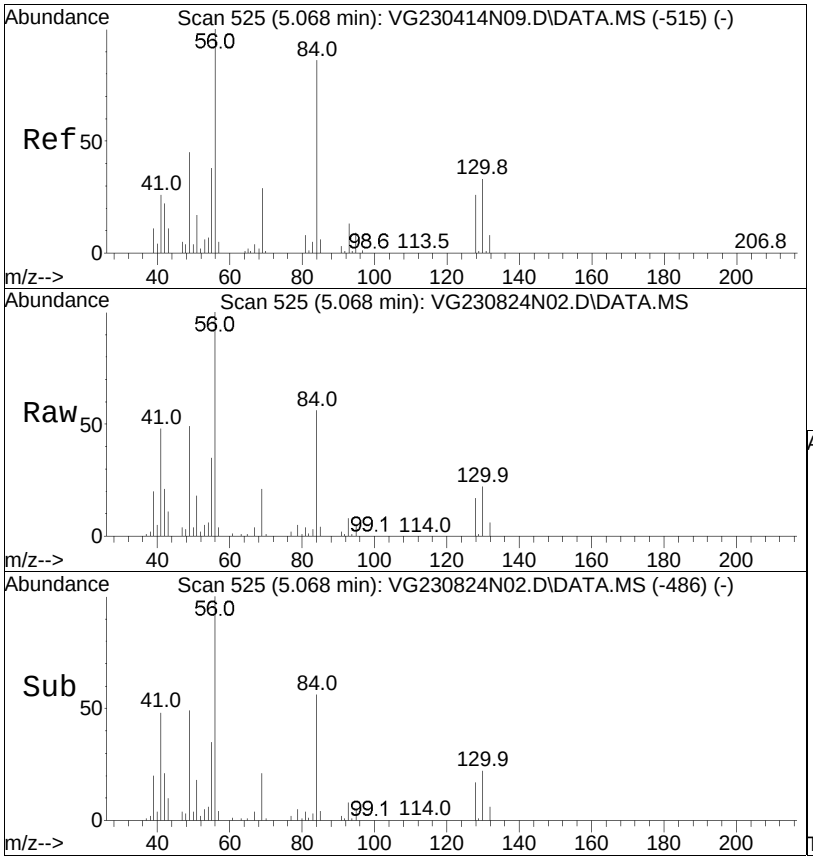


#30
Bromochloromethane
Concen: 11.67 ug/L
RT: 5.076 min Scan# 526
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:128 Resp: 73634

Ion	Ratio	Lower	Upper
128	100		
49	245.0	112.7	169.1#
130	129.0	103.3	154.9

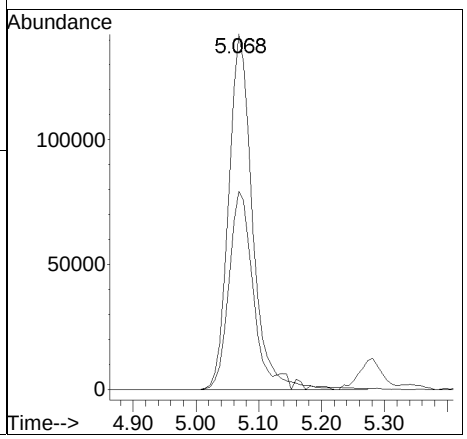


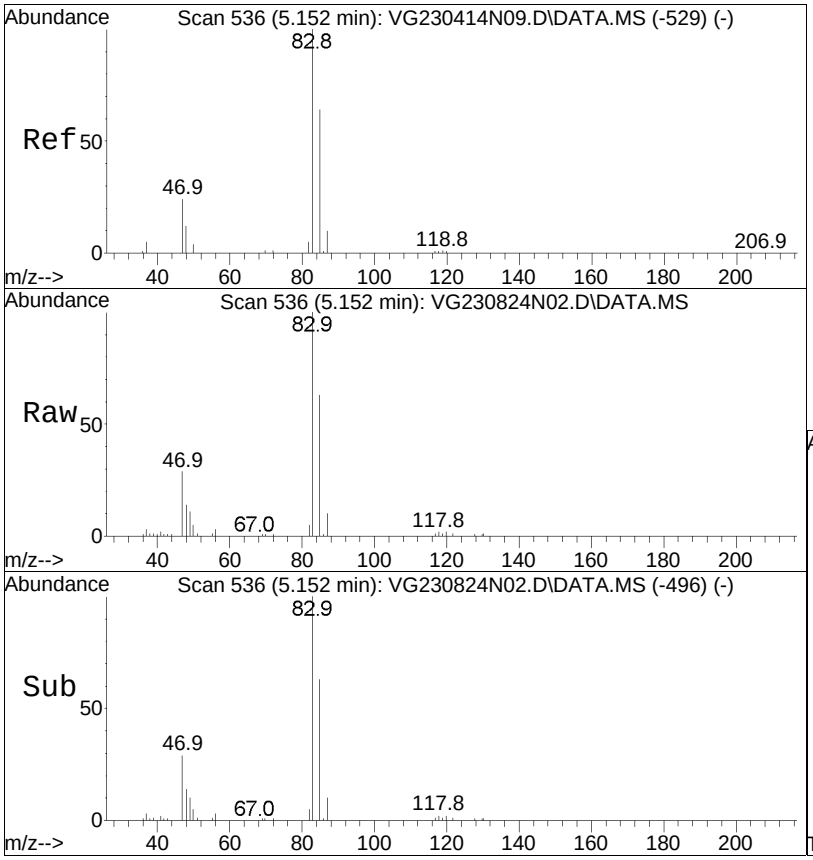


#31
Cyclohexane
Concen: 10.82 ug/L
RT: 5.068 min Scan# 525
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 56 Resp: 375408

Ion	Ratio	Lower	Upper
56	100		
84	56.8	63.8	132.4#

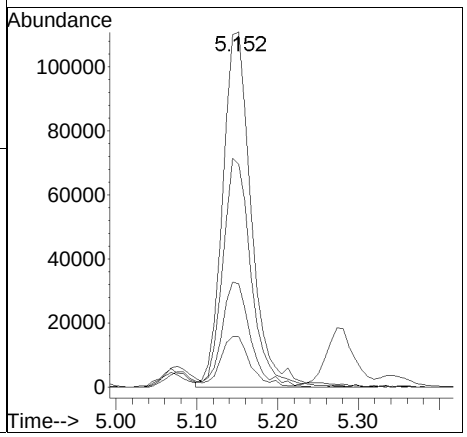


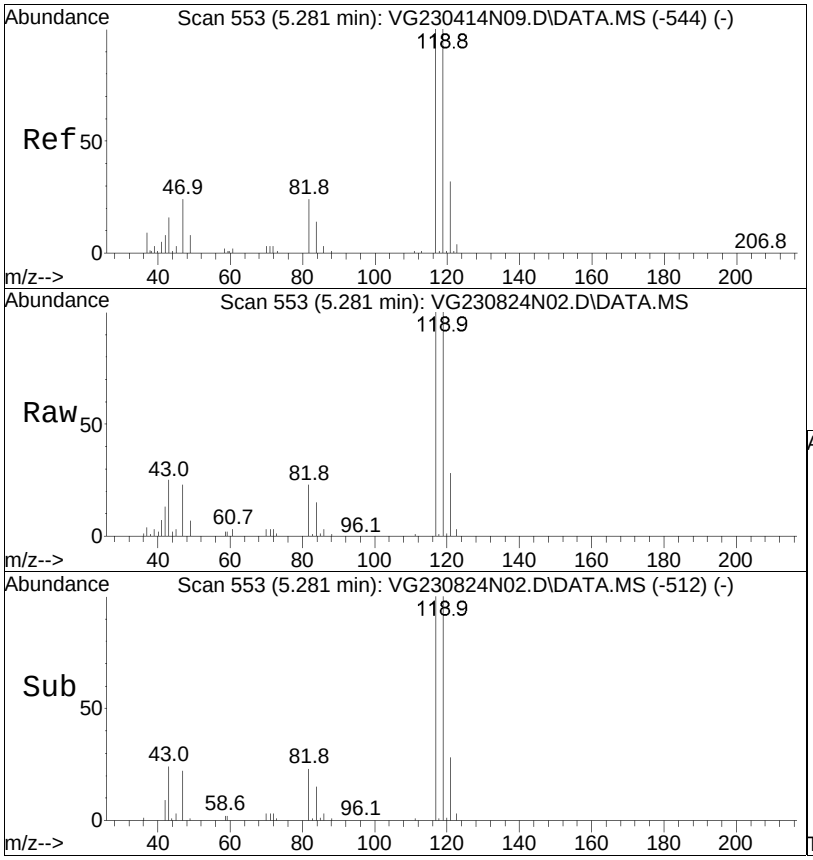


#32
Chloroform
Concen: 11.25 ug/L
RT: 5.152 min Scan# 536
Delta R.T. 0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 83 Resp: 277510

Ion	Ratio	Lower	Upper
83	100		
85	64.0	41.4	86.0
47	28.5	15.1	31.3
48	14.9	7.7	16.1

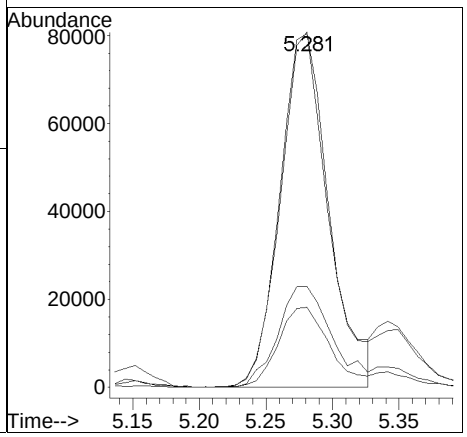


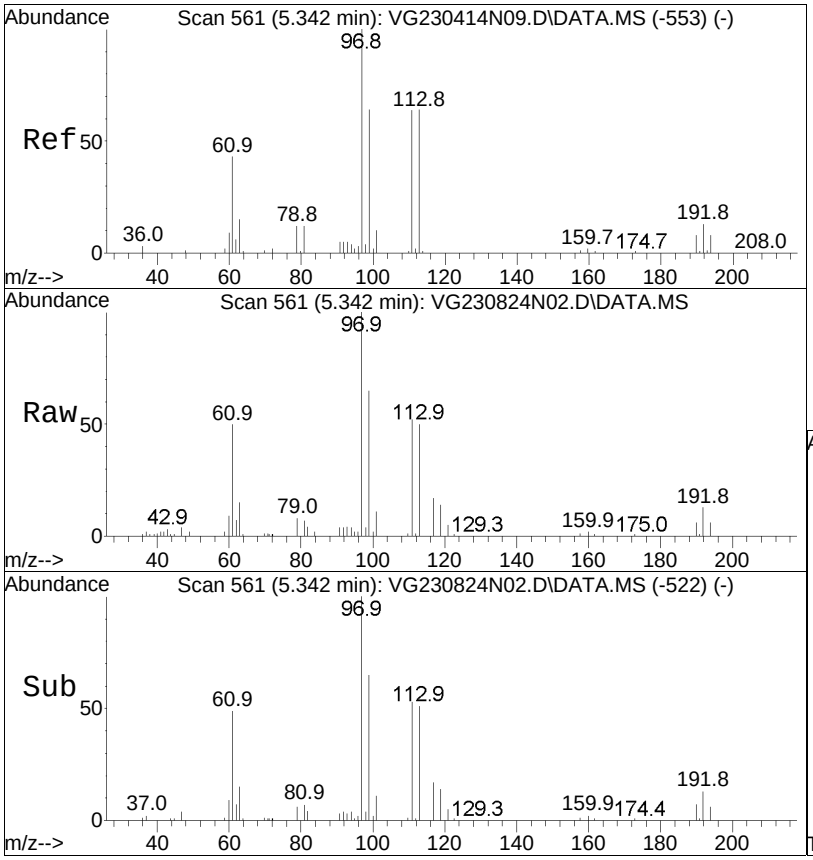


#34
Carbon tetrachloride
Concen: 10.65 ug/L
RT: 5.281 min Scan# 553
Delta R.T. 0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:117 Resp: 207695

Ion	Ratio	Lower	Upper
117	100		
119	96.5	63.2	131.2
121	36.8	20.4	42.4
82	23.8	15.4	32.0

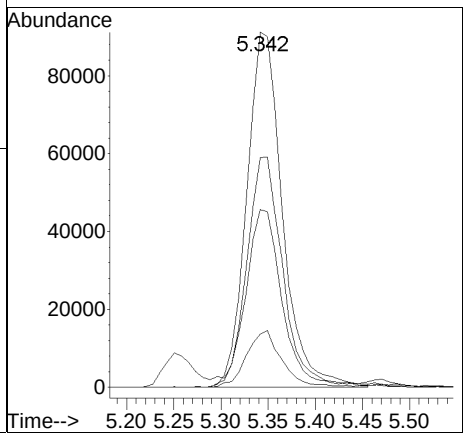


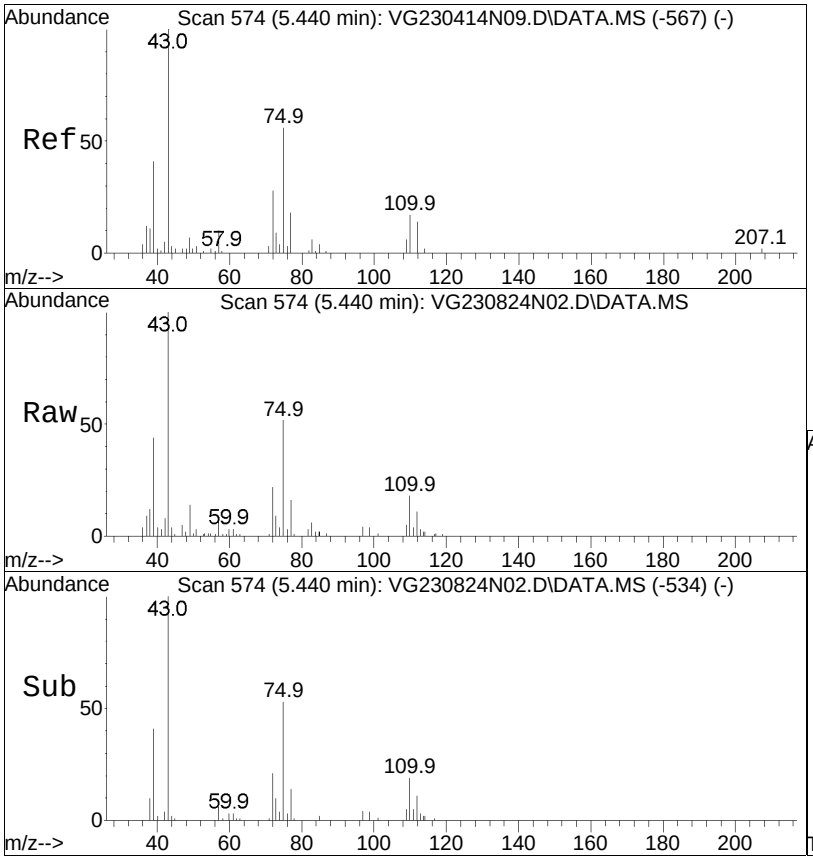


#37
1,1,1-Trichloroethane
Concen: 10.65 ug/L
RT: 5.342 min Scan# 561
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 97 Resp: 241588

Ion	Ratio	Lower	Upper
97	100		
99	65.1	41.3	85.7
61	50.7	26.0	54.0
63	15.8	8.6	18.0

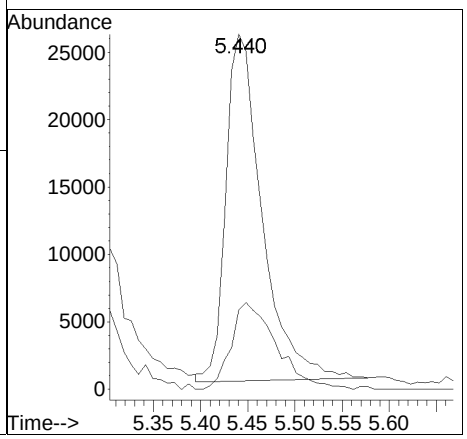


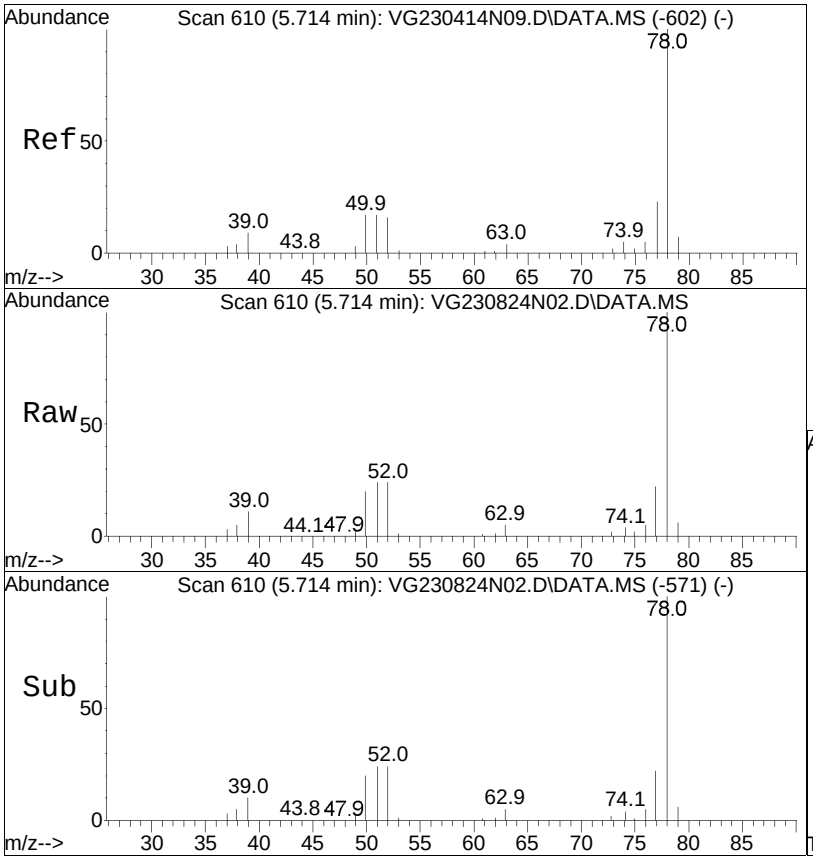


#39
2-Butanone
Concen: 8.15 ug/L
RT: 5.440 min Scan# 574
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 43 Resp: 68912

Ion	Ratio	Lower	Upper
43	100		
72	31.3	42.6	63.8#

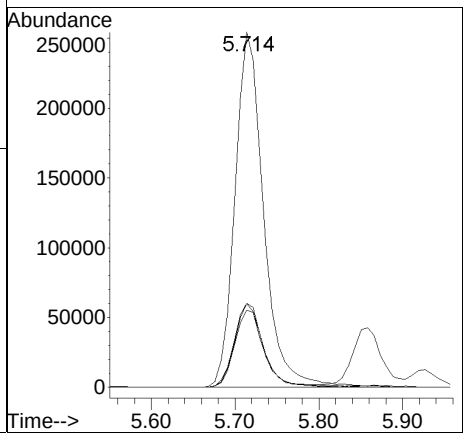


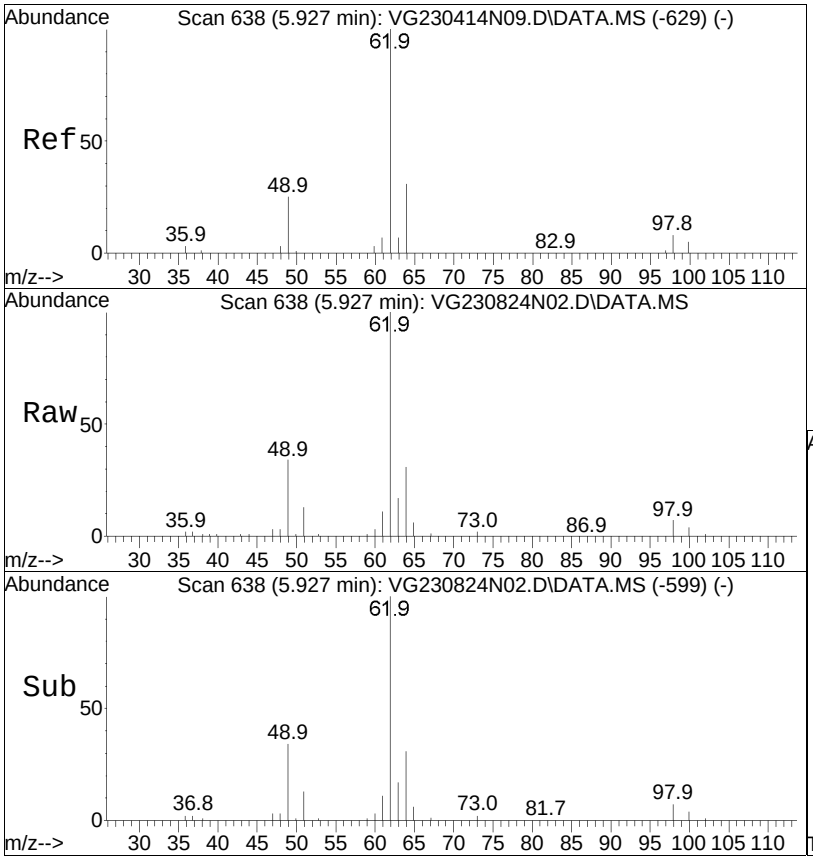


#41
Benzene
Concen: 10.52 ug/L
RT: 5.714 min Scan# 610
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 78 Resp: 606180

Ion	Ratio	Lower	Upper
78	100		
77	22.2	15.5	32.1
51	23.6	9.9	20.7#
52	24.5	9.2	19.2#

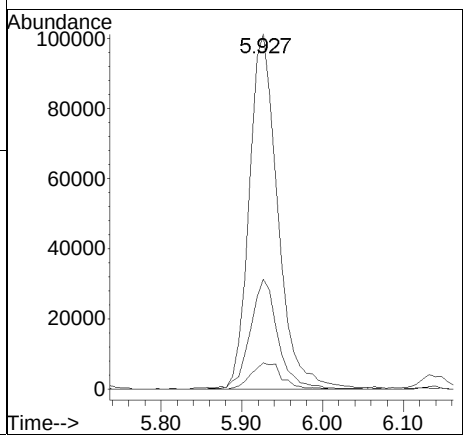


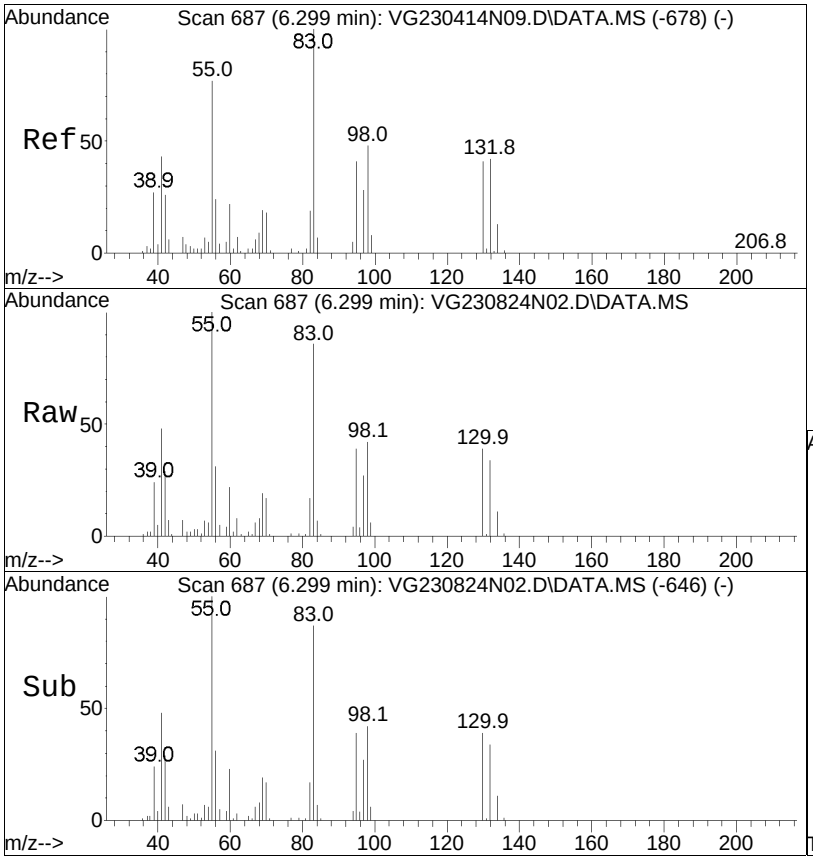


#44
1,2-Dichloroethane
Concen: 11.61 ug/L
RT: 5.927 min Scan# 638
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 62 Resp: 249960

Ion	Ratio	Lower	Upper
62	100		
64	30.7	11.9	51.9
98	8.3	0.0	29.3

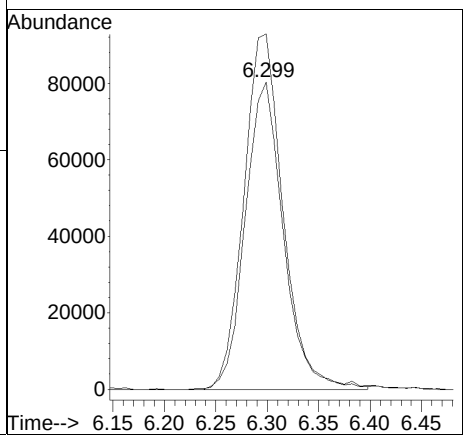


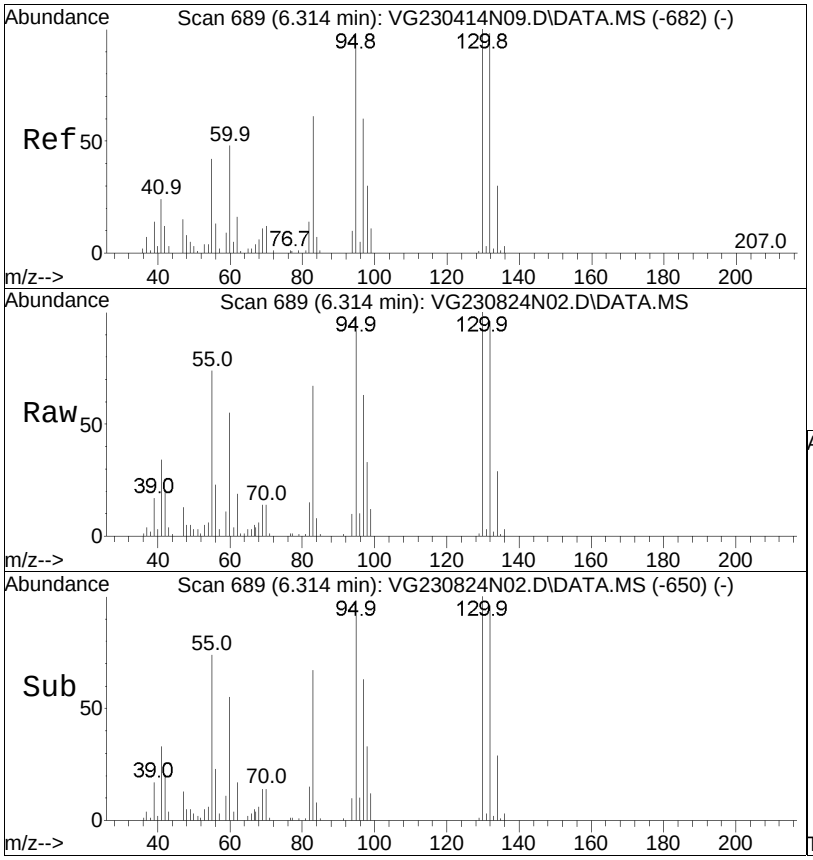


#47
Methyl cyclohexane
Concen: 8.22 ug/L
RT: 6.299 min Scan# 687
Delta R.T. 0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 83 Resp: 207525

Ion	Ratio	Lower	Upper
83	100		
55	119.9	56.0	84.0#

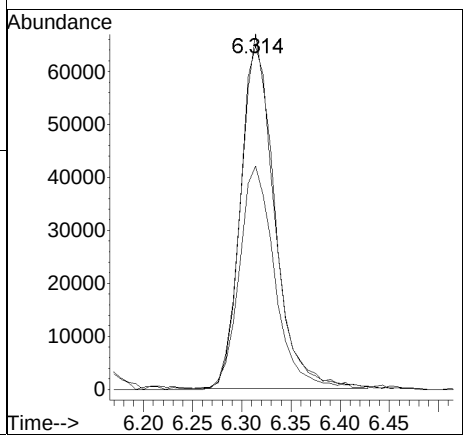


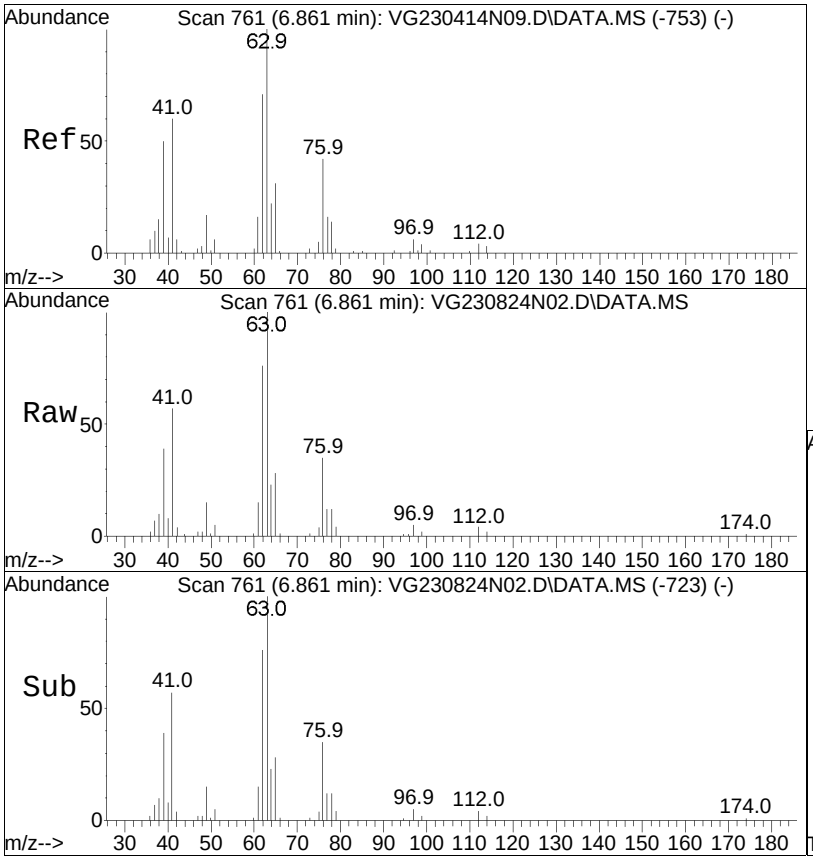


#48
Trichloroethene
Concen: 9.13 ug/L
RT: 6.314 min Scan# 689
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 95 Resp: 158125

Ion	Ratio	Lower	Upper
95	100		
97	68.2	54.0	81.0
130	101.9	85.0	127.4

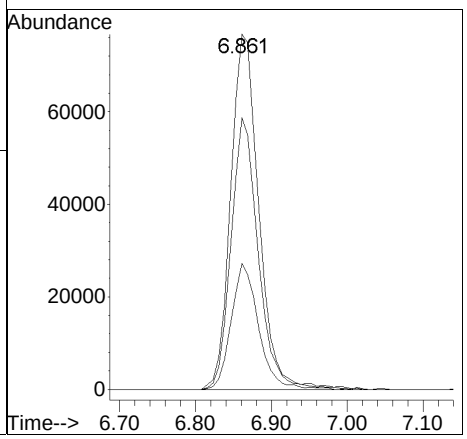


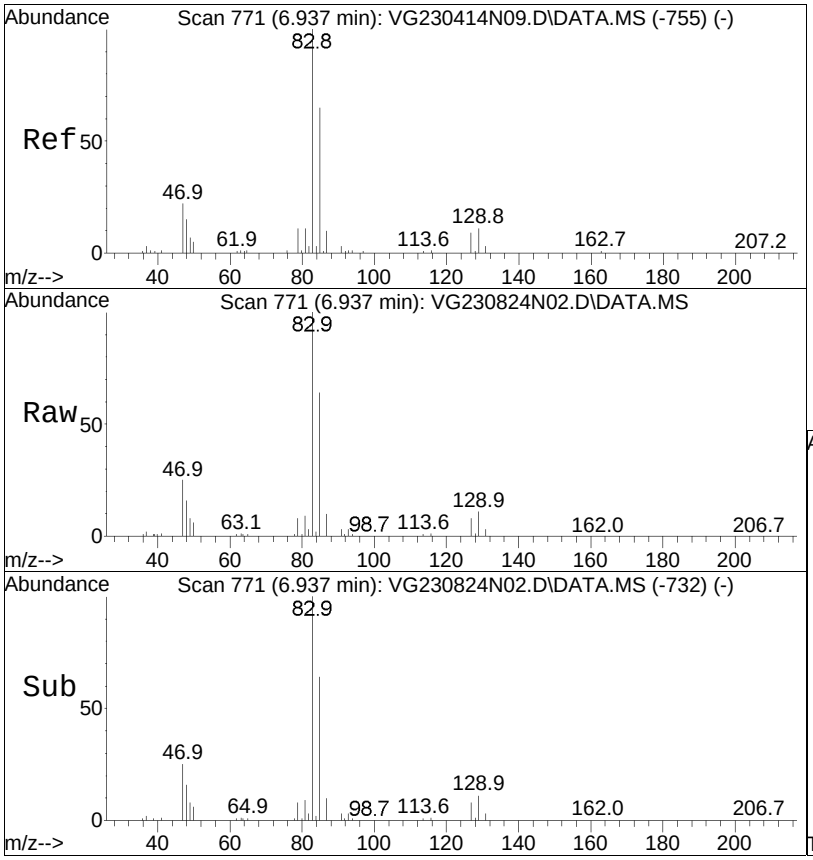


#51
1,2-Dichloropropane
Concen: 11.78 ug/L
RT: 6.861 min Scan# 761
Delta R.T. -0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 63 Resp: 196997

Ion	Ratio	Lower	Upper
63	100		
62	74.2	56.5	84.7
76	34.6	34.6	52.0#

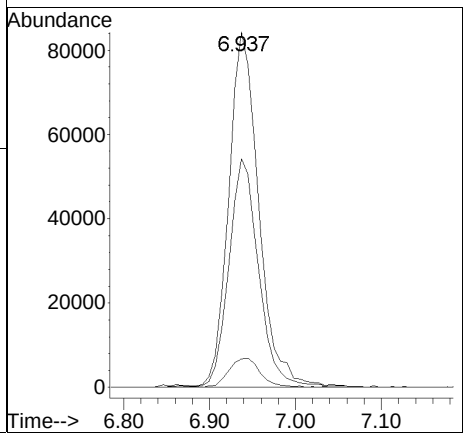


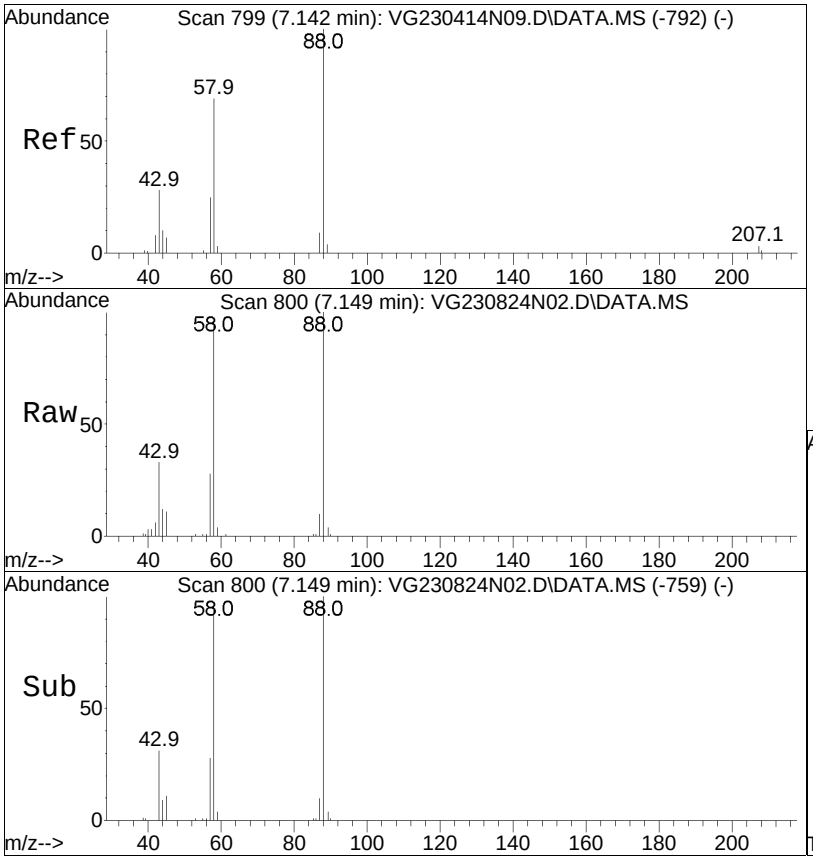


#54
Bromodichloromethane
Concen: 10.27 ug/L
RT: 6.937 min Scan# 771
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 83 Resp: 202034

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.8	76.2
127	8.8	7.4	11.2

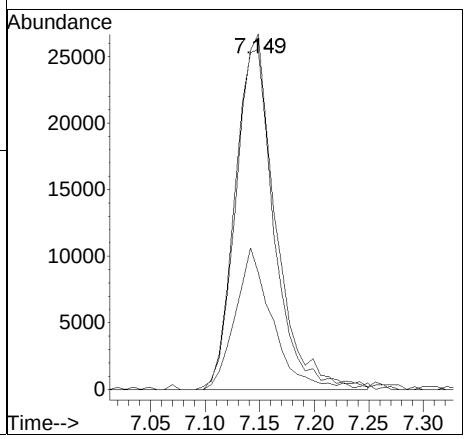


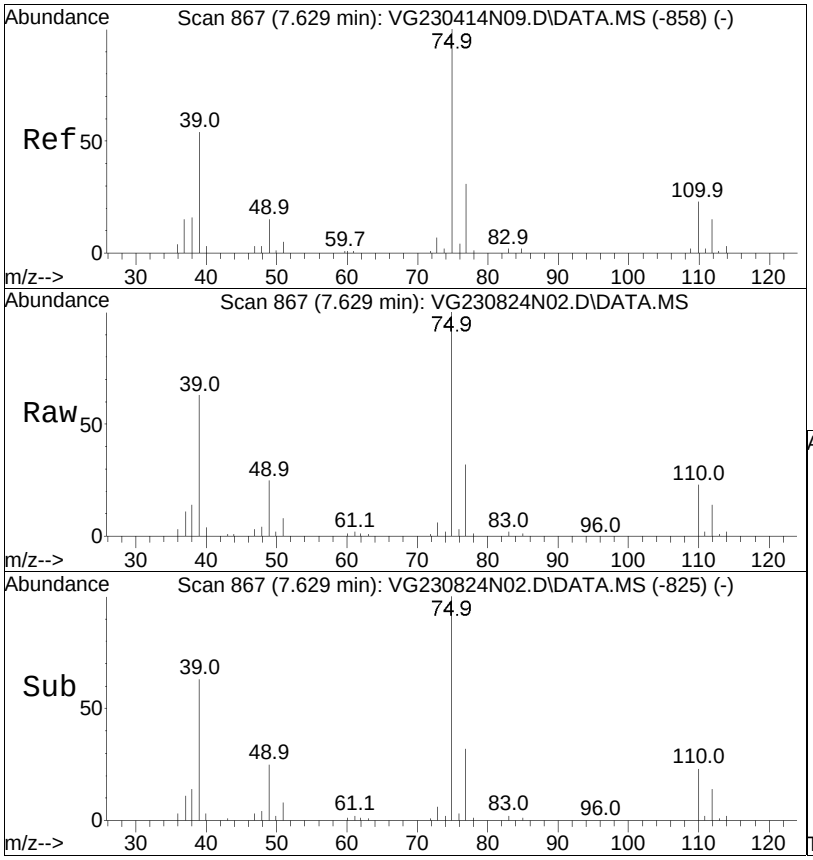


#57
1,4-Dioxane
Concen: 442.26 ug/L
RT: 7.149 min Scan# 800
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 88 Resp: 66678

Ion	Ratio	Lower	Upper
88	100		
58	97.1	48.7	73.1#
43	37.8	22.4	33.6#

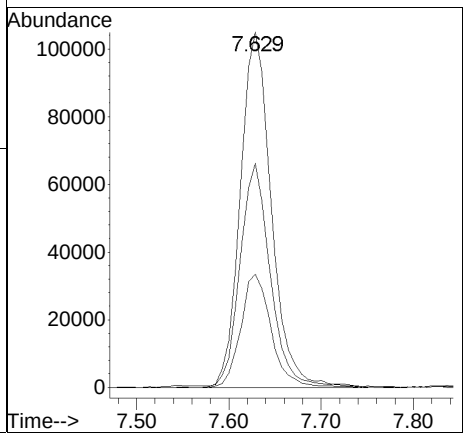


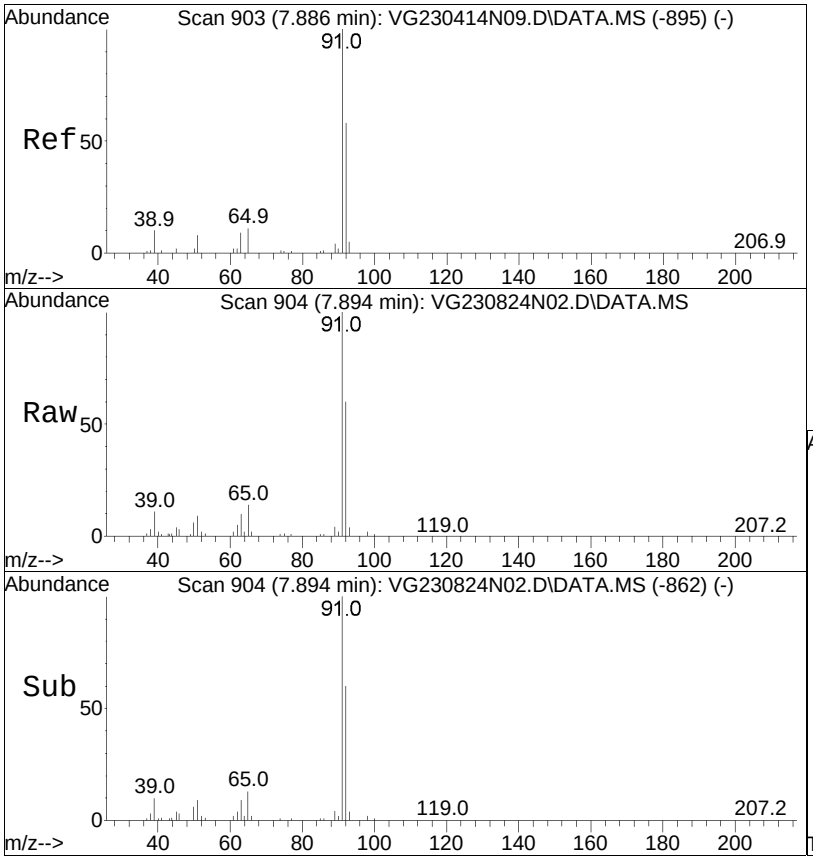


#58
cis-1,3-Dichloropropene
Concen: 10.14 ug/L
RT: 7.629 min Scan# 867
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 75 Resp: 245640

Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8
39	61.0	40.8	61.2

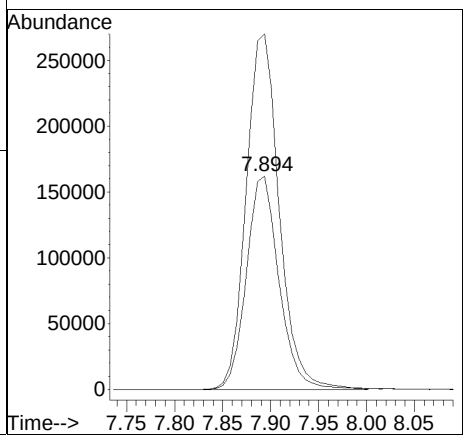


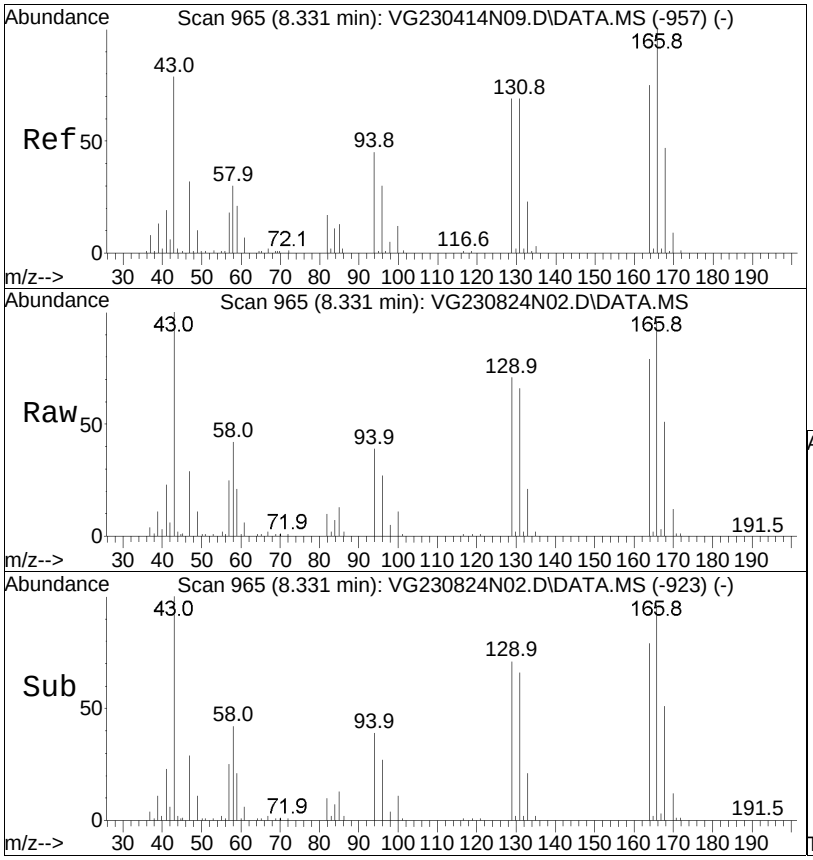


#61
Toluene
Concen: 9.98 ug/L
RT: 7.894 min Scan# 904
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 92 Resp: 383049

Ion	Ratio	Lower	Upper
92	100		
91	169.0	134.8	202.2

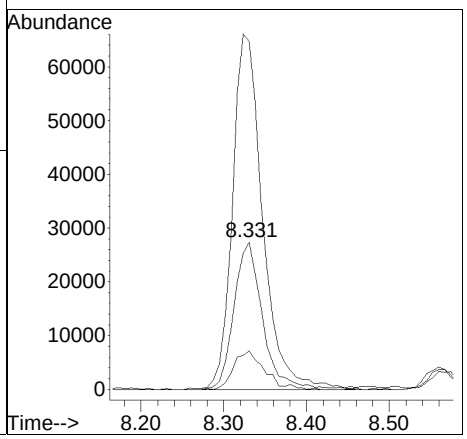


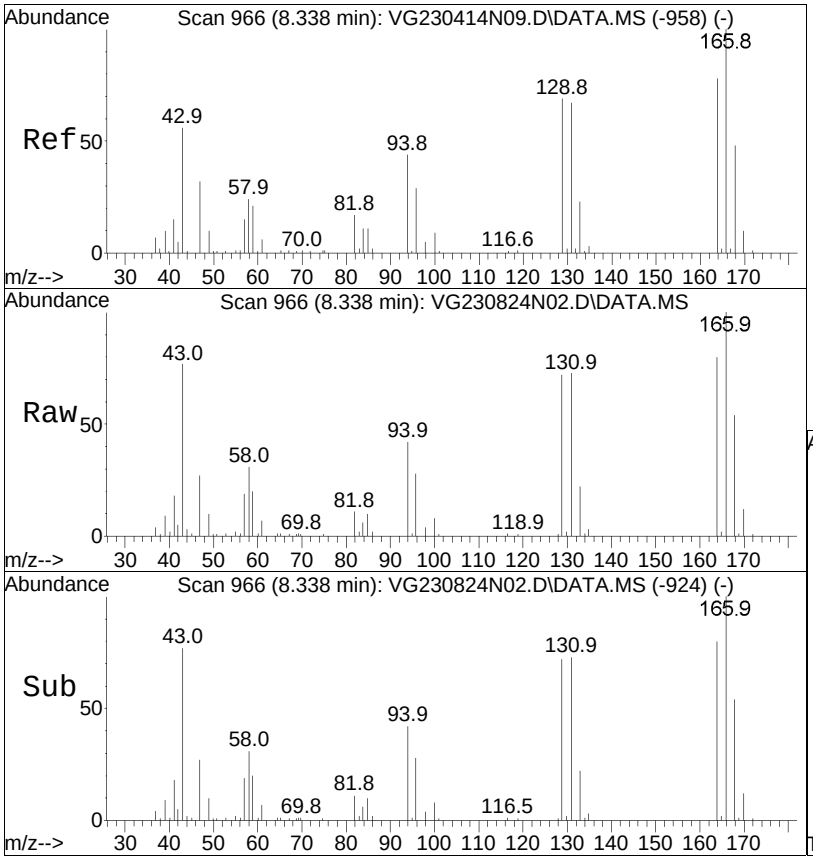


#62
4-Methyl-2-pentanone
Concen: 10.07 ug/L
RT: 8.331 min Scan# 965
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 58 Resp: 65958

Ion	Ratio	Lower	Upper
58	100		
100	28.1	33.6	50.4#
43	253.4	204.3	306.5

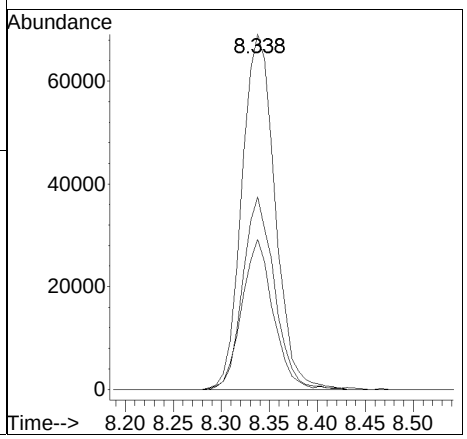


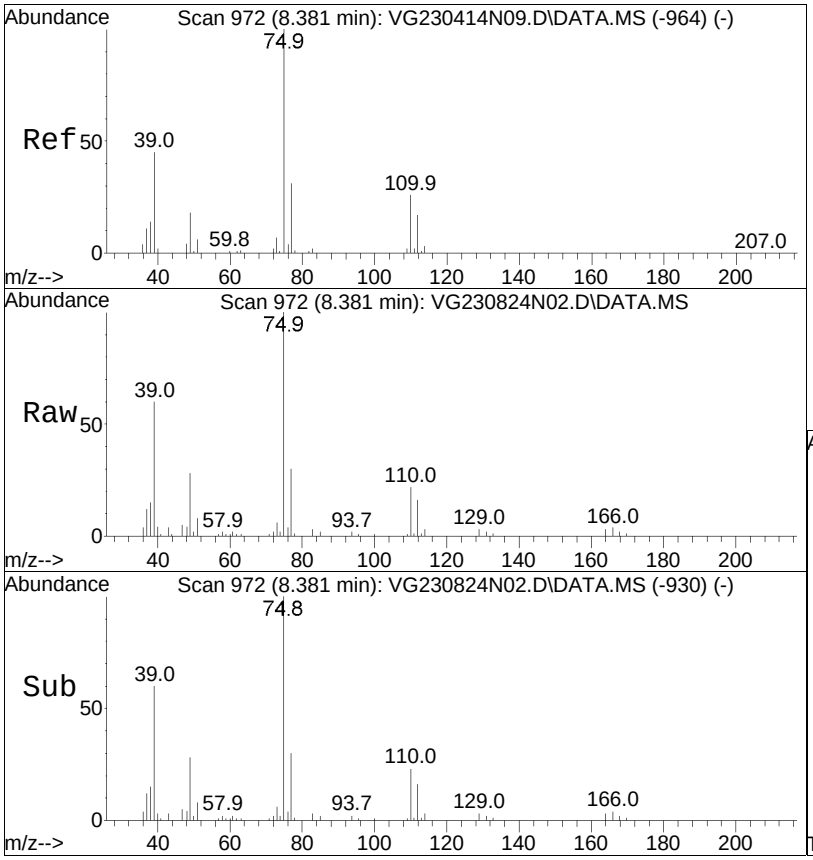


#63
Tetrachloroethene
Concen: 9.90 ug/L
RT: 8.338 min Scan# 966
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:166 Resp: 166144

Ion	Ratio	Lower	Upper
166	100		
168	51.8	27.3	67.3
94	40.1	20.5	60.5

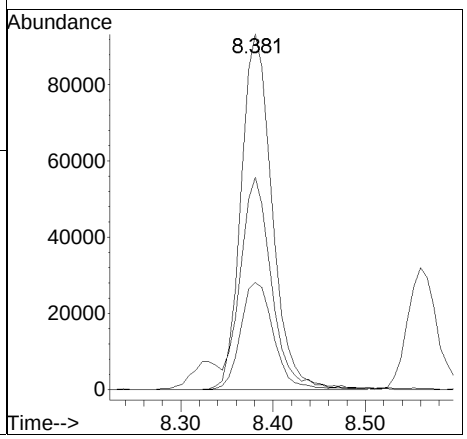


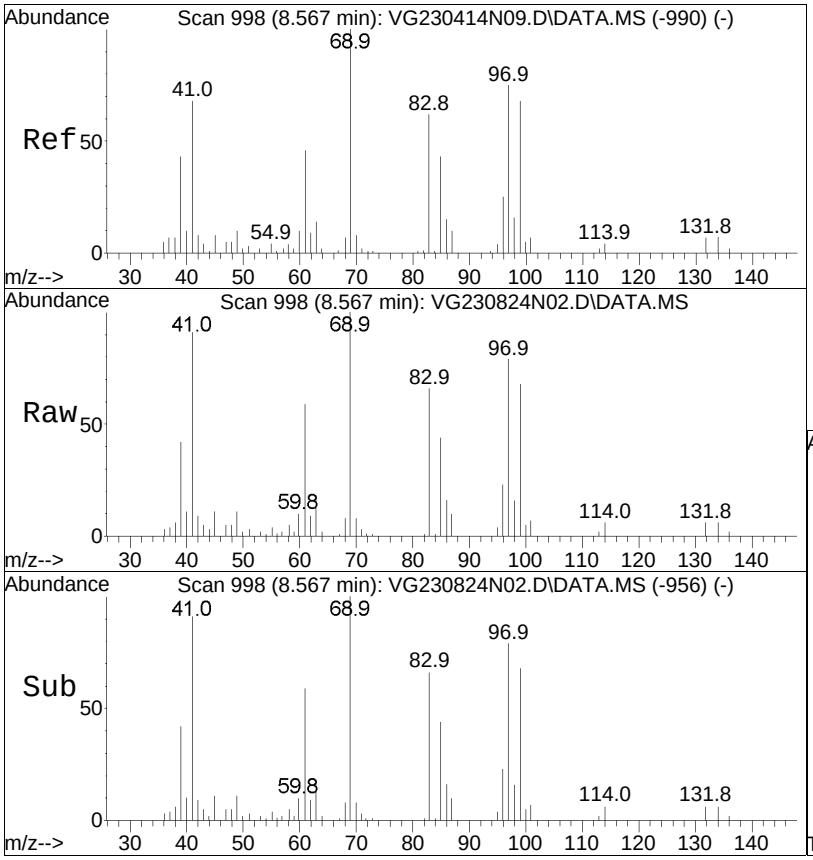


#65
trans-1,3-Dichloropropene
Concen: 9.26 ug/L
RT: 8.381 min Scan# 972
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 75 Resp: 218390

Ion	Ratio	Lower	Upper
75	100		
77	32.0	11.3	51.3
39	58.3	36.0	76.0

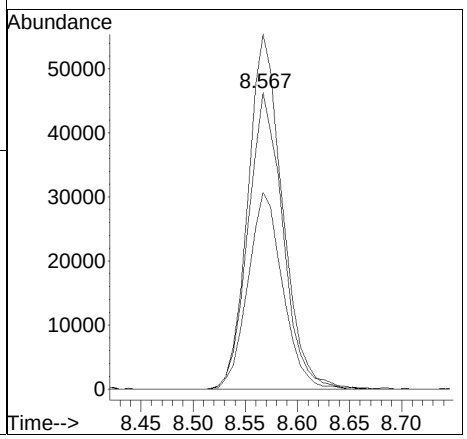


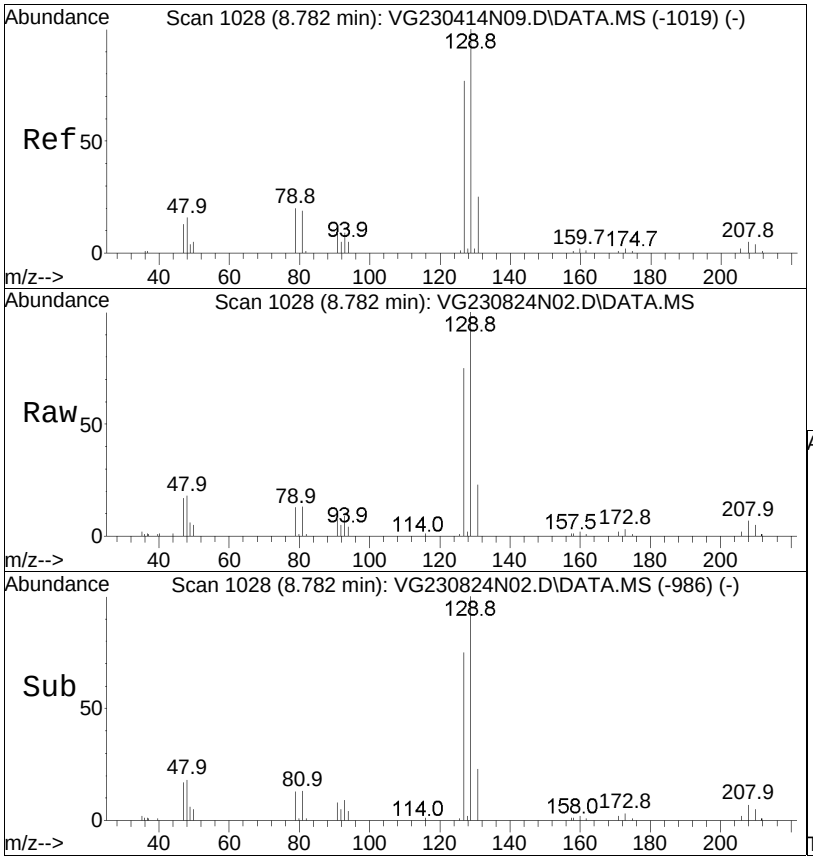


#68
1,1,2-Trichloroethane
Concen: 9.57 ug/L
RT: 8.567 min Scan# 998
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 83 Resp: 107722

Ion	Ratio	Lower	Upper
83	100		
97	118.2	101.0	141.0
85	66.5	47.9	87.9

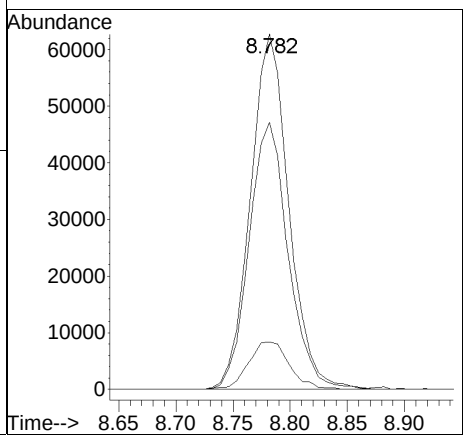


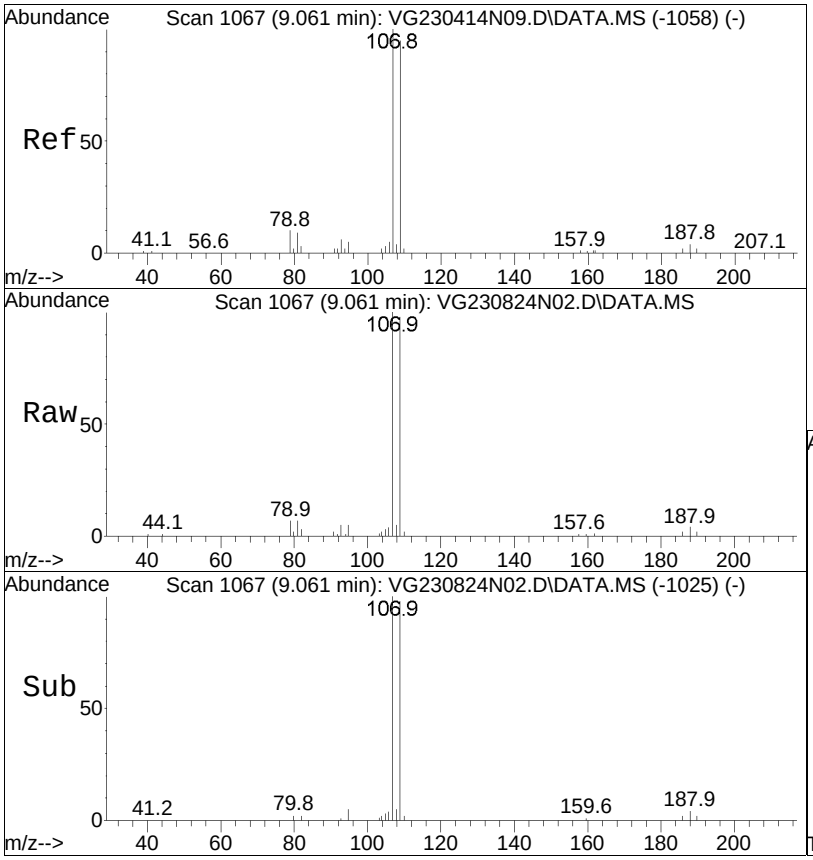


#69
Chlorodibromomethane
Concen: 9.77 ug/L
RT: 8.782 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:129 Resp: 146948

Ion	Ratio	Lower	Upper
129	100		
81	14.3	0.0	35.0
127	76.4	57.1	97.1

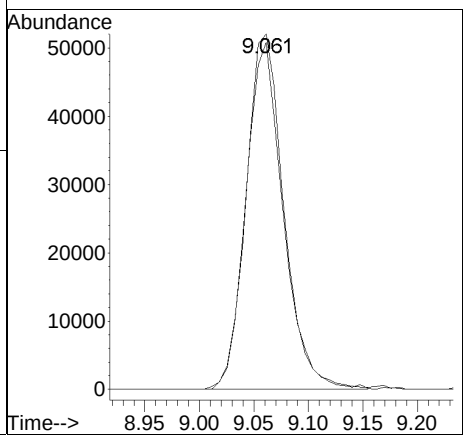


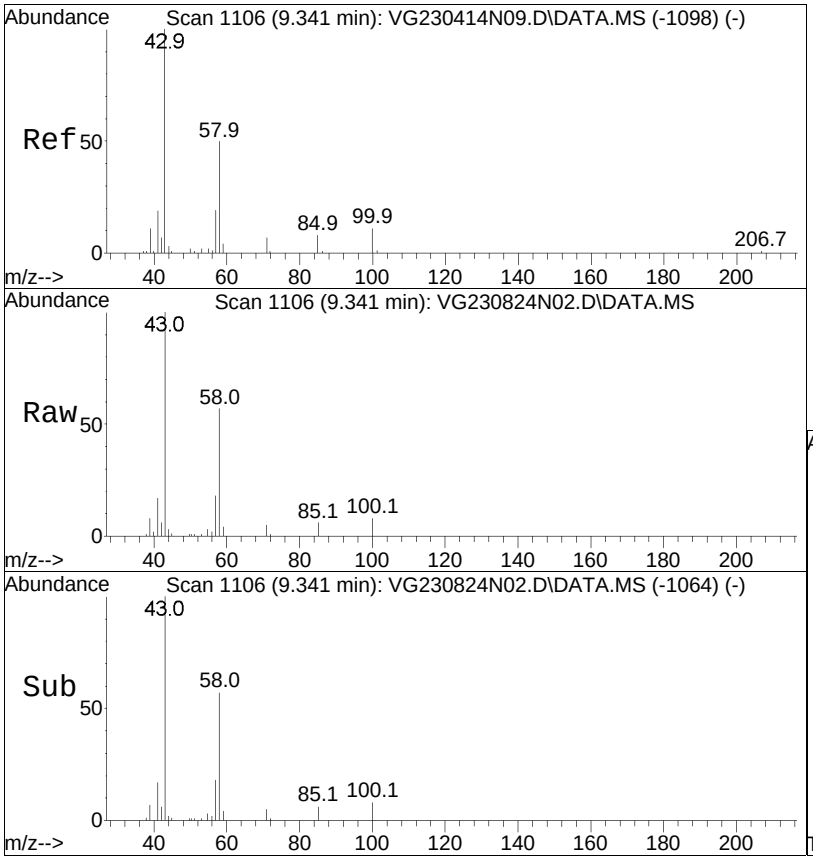


#71
1,2-Dibromoethane
Concen: 9.48 ug/L
RT: 9.061 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:107 Resp: 125739

Ion	Ratio	Lower	Upper
107	100		
109	96.0	76.0	114.0

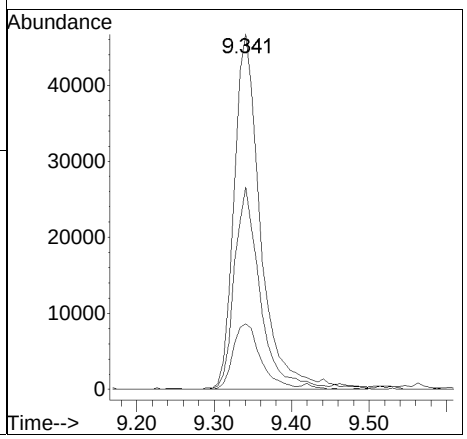


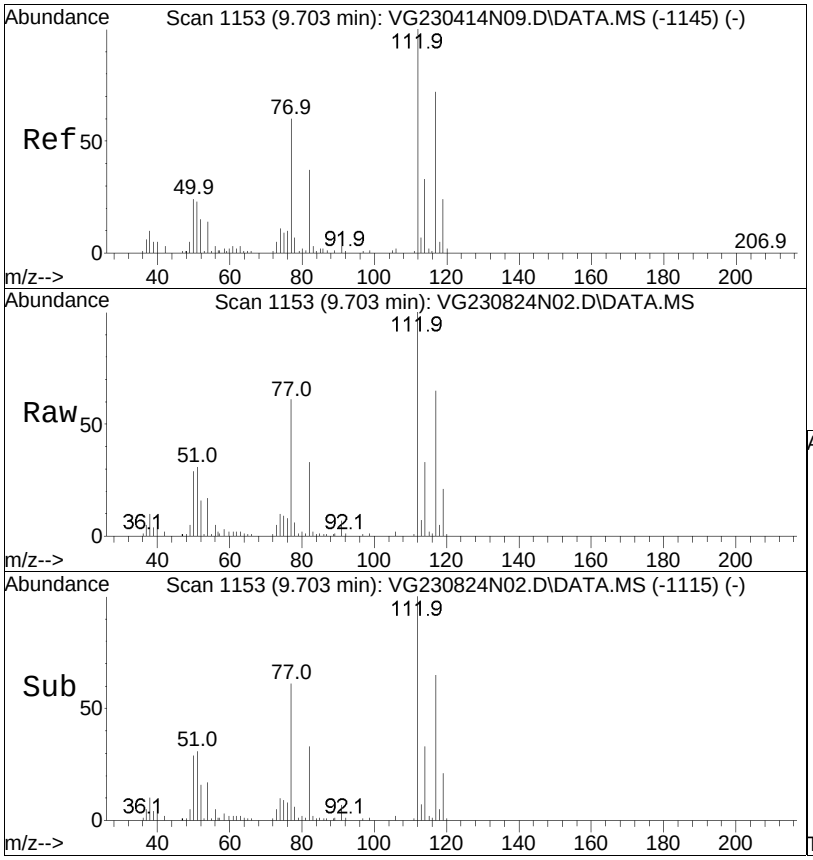


#72
2-Hexanone
Concen: 8.09 ug/L
RT: 9.341 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 43 Resp: 111973

Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	19.2	15.2	22.8

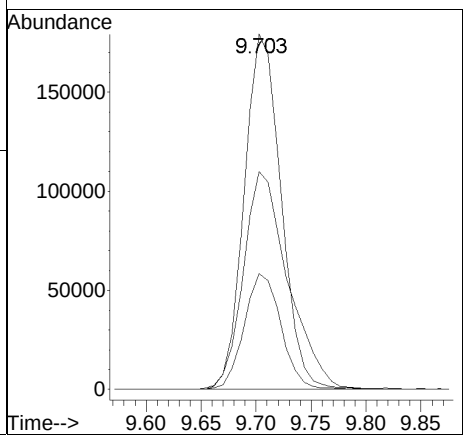


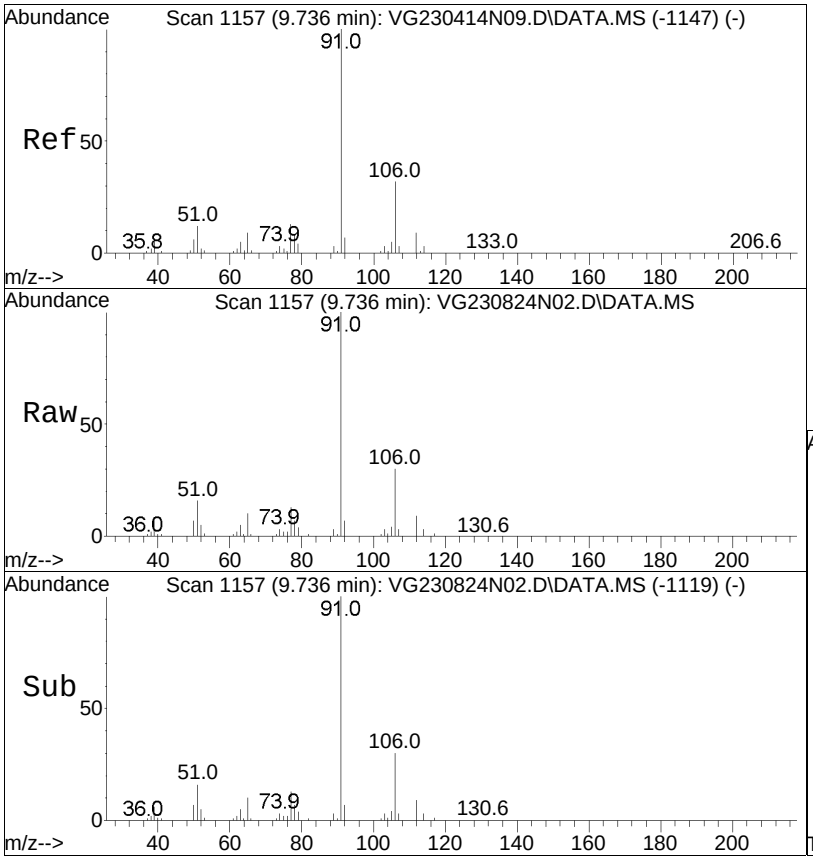


#73
Chlorobenzene
Concen: 10.28 ug/L
RT: 9.703 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:112 Resp: 417261

Ion	Ratio	Lower	Upper
112	100		
77	74.7	55.9	83.9
114	32.8	25.4	38.0

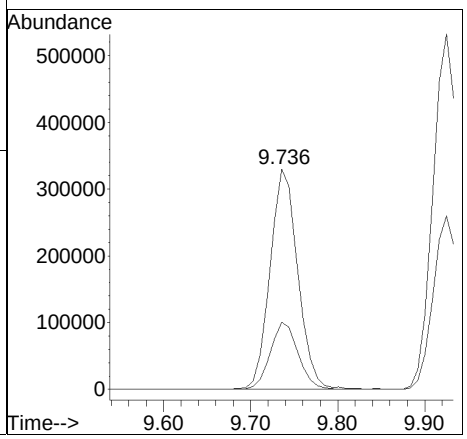


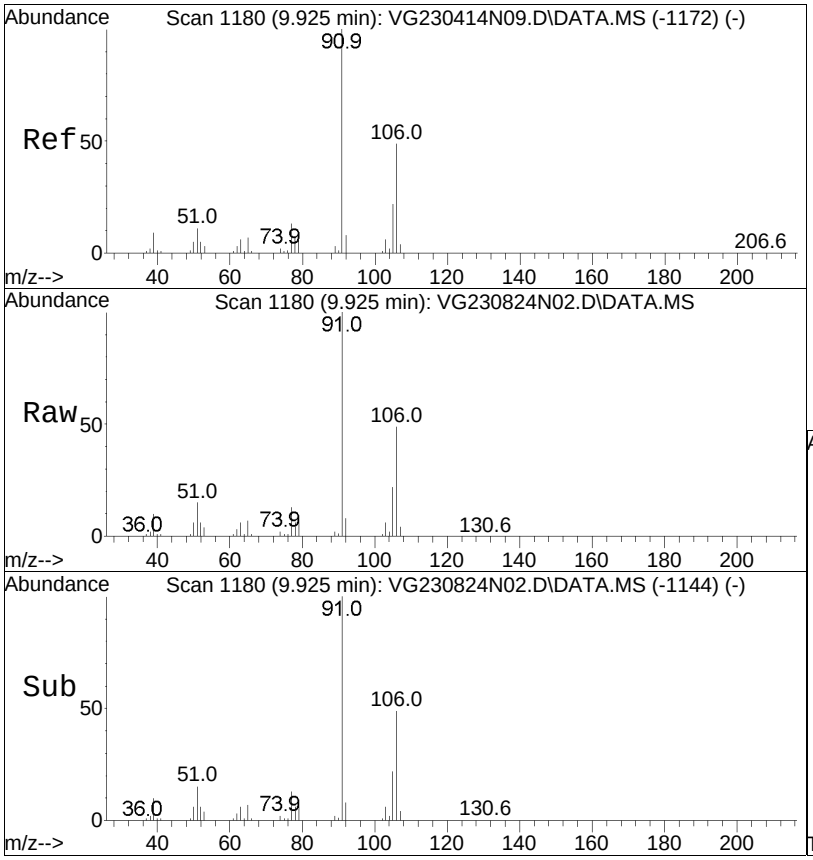


#74
Ethylbenzene
Concen: 10.00 ug/L
RT: 9.736 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 91 Resp: 731743

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.3	37.9

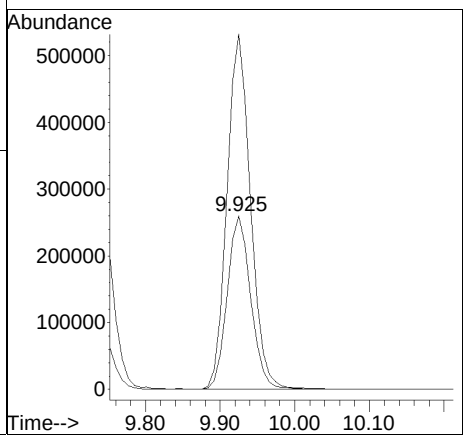


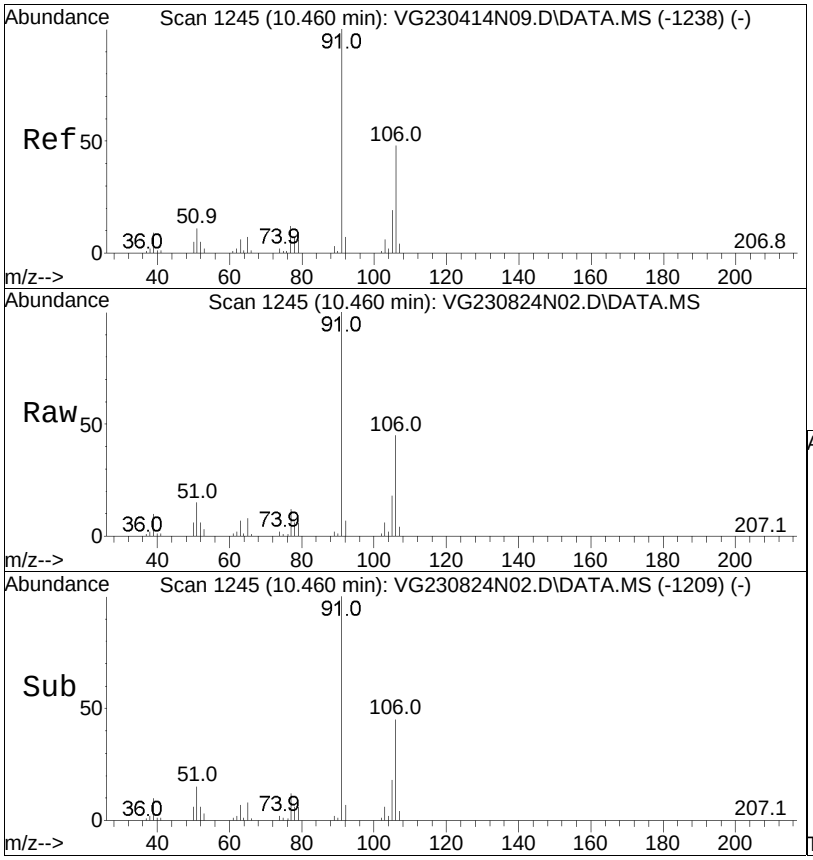


#76
p/m Xylene
Concen: 20.39 ug/L
RT: 9.925 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:106 Resp: 569272

Ion	Ratio	Lower	Upper
106	100		
91	204.1	157.1	235.7

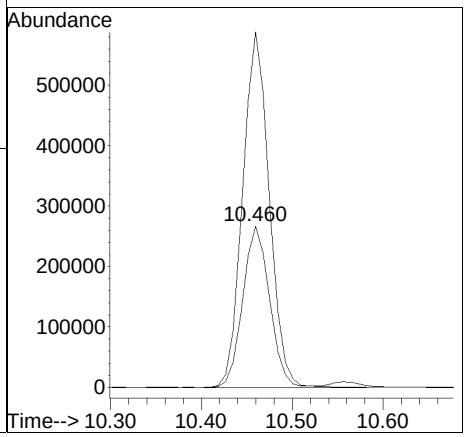


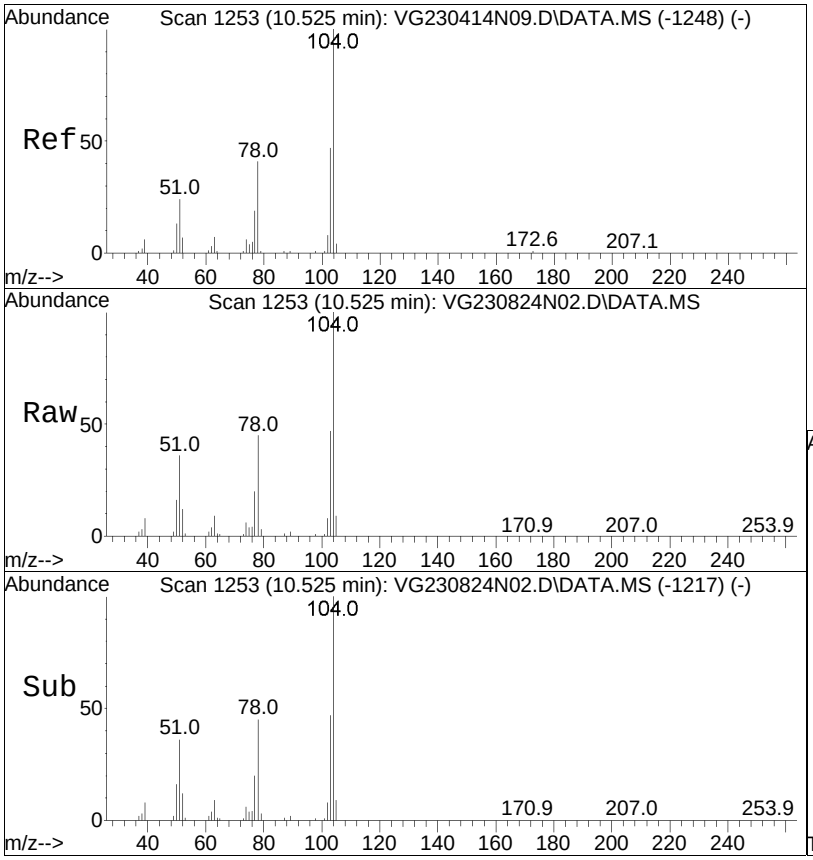


#77
o Xylene
Concen: 20.45 ug/L
RT: 10.460 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:106 Resp: 549260

Ion	Ratio	Lower	Upper
106	100		
91	216.9	164.7	247.1

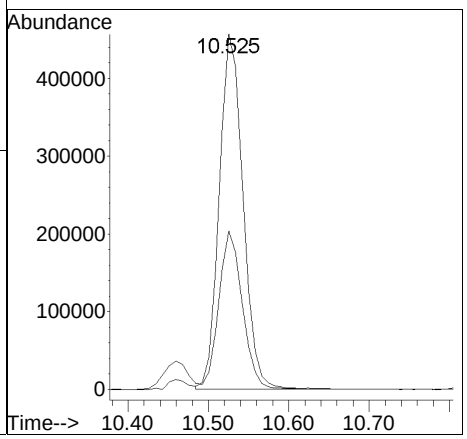


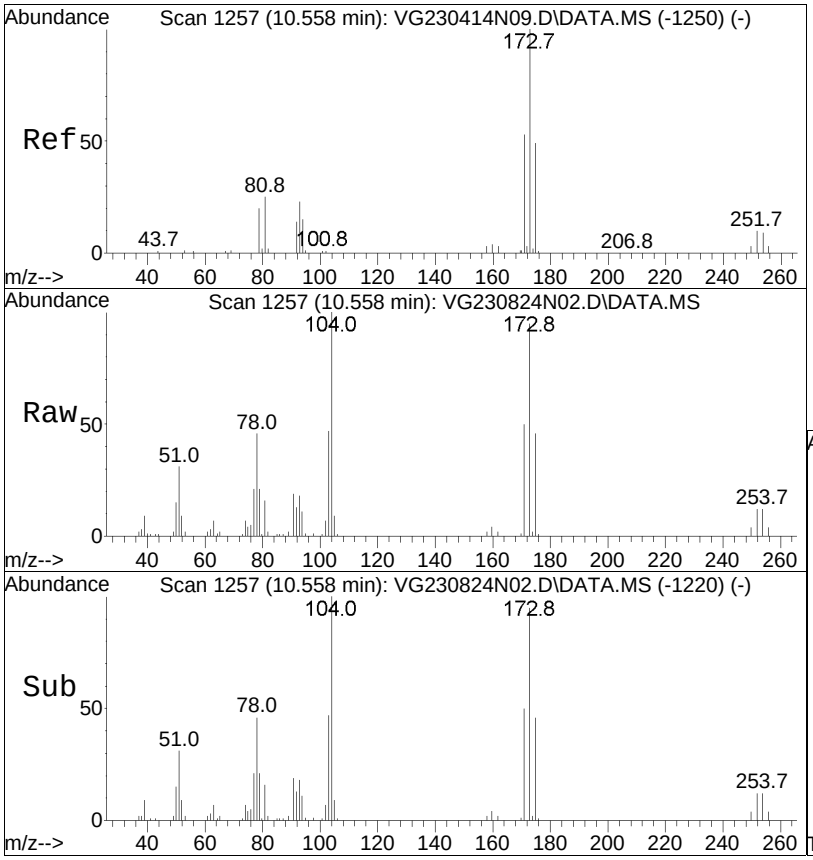


#78
Styrene
Concen: 20.24 ug/L
RT: 10.525 min Scan# 1253
Delta R.T. -0.001 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:104 Resp: 938428

Ion	Ratio	Lower	Upper
104	100		
78	44.0	32.2	48.4

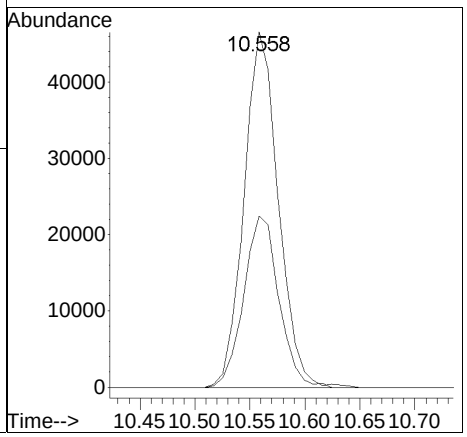


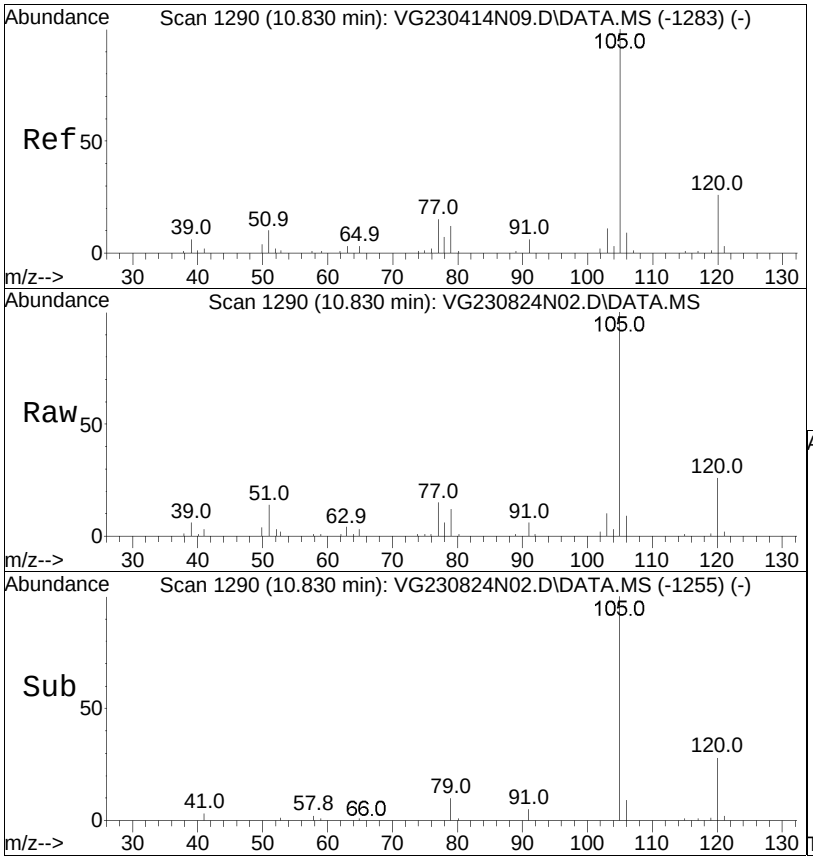


#80
Bromoform
Concen: 9.03 ug/L
RT: 10.558 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:173 Resp: 100857

Ion	Ratio	Lower	Upper
173	100		
175	49.4	28.0	68.0

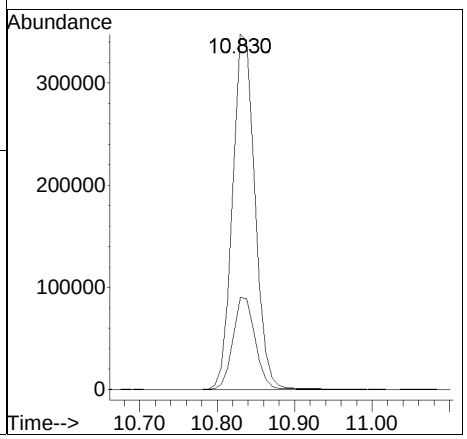


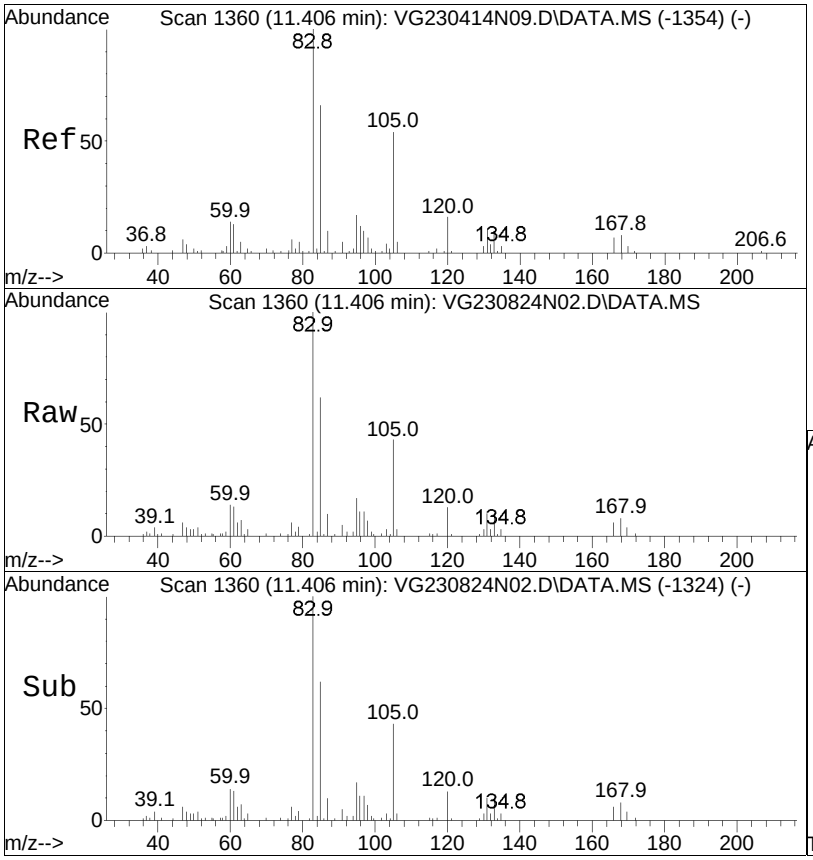


#82
Isopropylbenzene
Concen: 9.65 ug/L
RT: 10.830 min Scan# 1290
Delta R.T. -0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:105 Resp: 699462

Ion	Ratio	Lower	Upper
105	100		
120	25.8	7.0	47.0

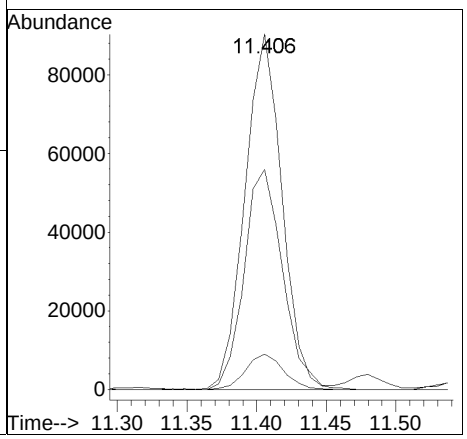


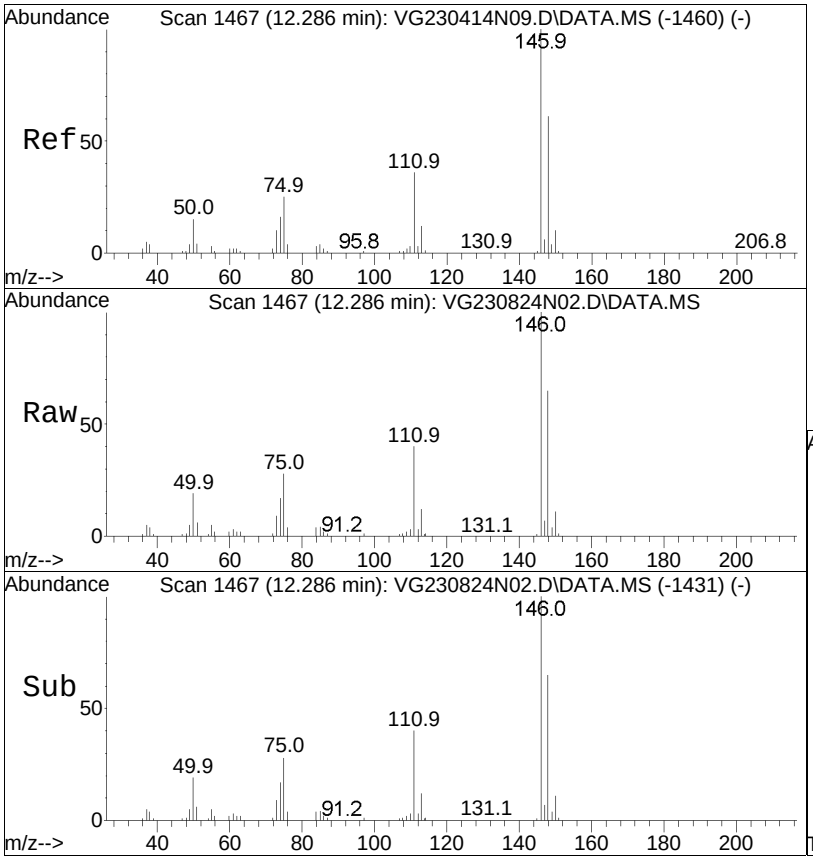


#87
1,1,2,2-Tetrachloroethane
Concen: 10.91 ug/L
RT: 11.406 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion: 83 Resp: 167162

Ion	Ratio	Lower	Upper
83	100		
131	10.1	0.0	31.0
85	64.6	43.9	83.9

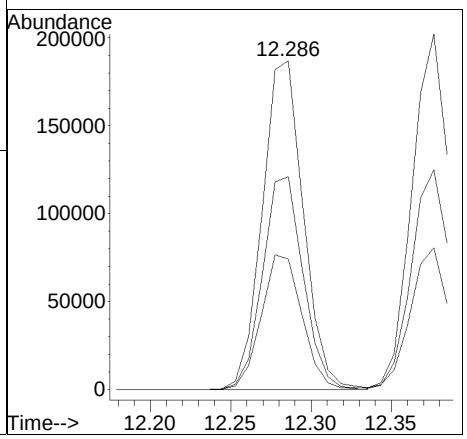


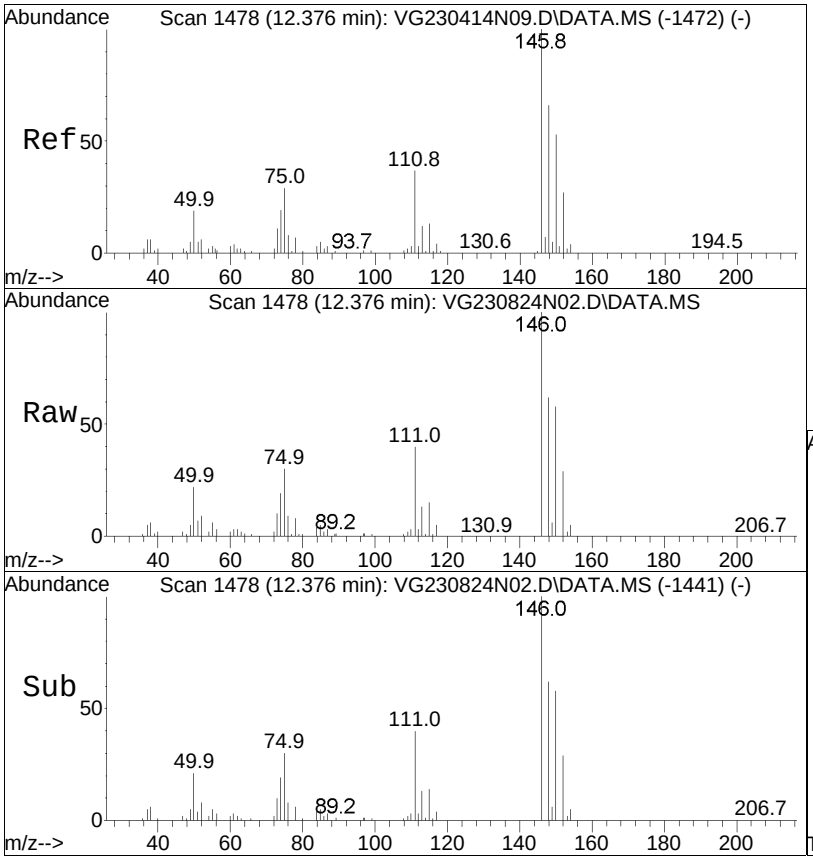


#100
1,3-Dichlorobenzene
Concen: 9.54 ug/L
RT: 12.286 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:146 Resp: 332448

Ion	Ratio	Lower	Upper
146	100		
111	40.6	24.4	50.6
148	64.0	41.0	85.2

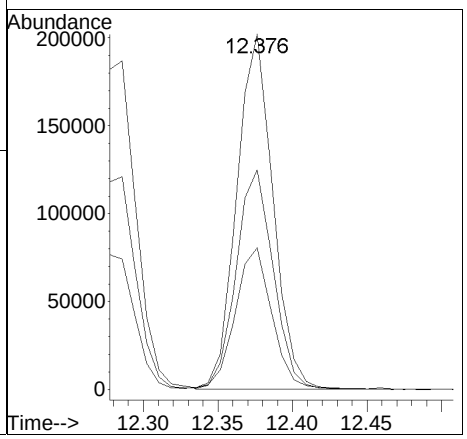


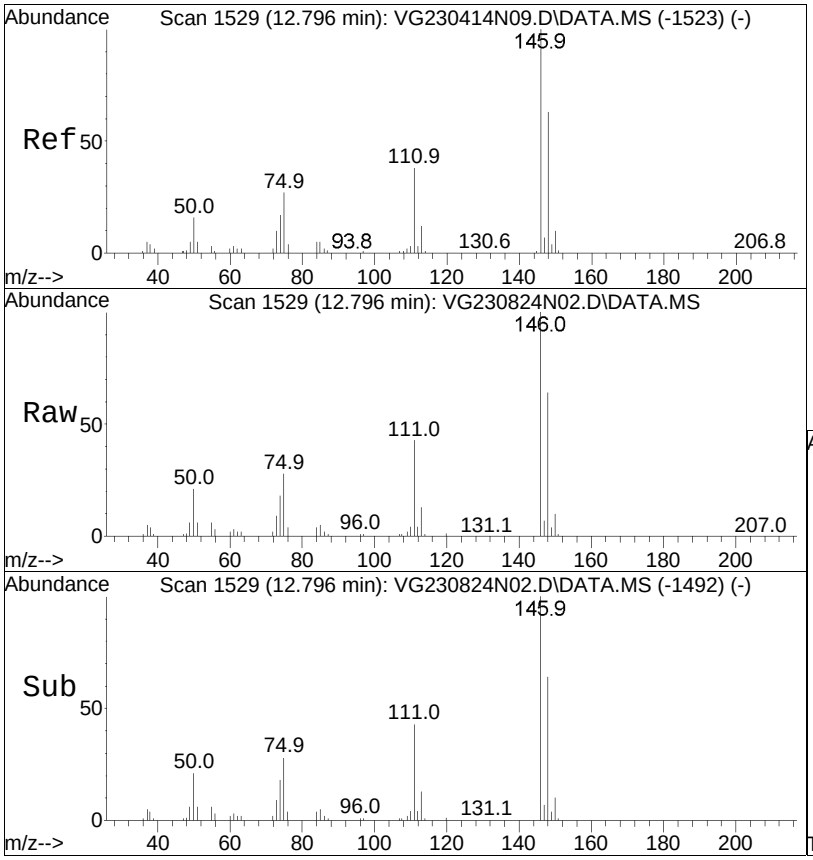


#101
1,4-Dichlorobenzene
Concen: 9.54 ug/L
RT: 12.376 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:146 Resp: 340399

Ion	Ratio	Lower	Upper
146	100		
111	40.9	29.3	43.9
148	63.7	51.2	76.8

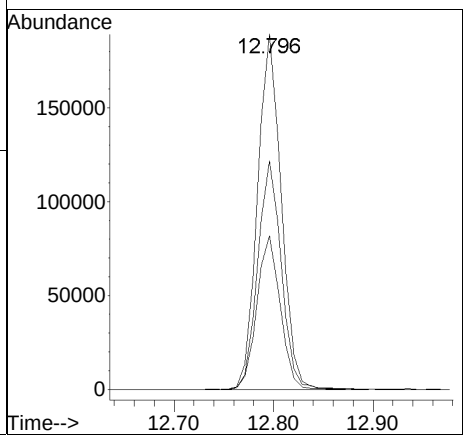


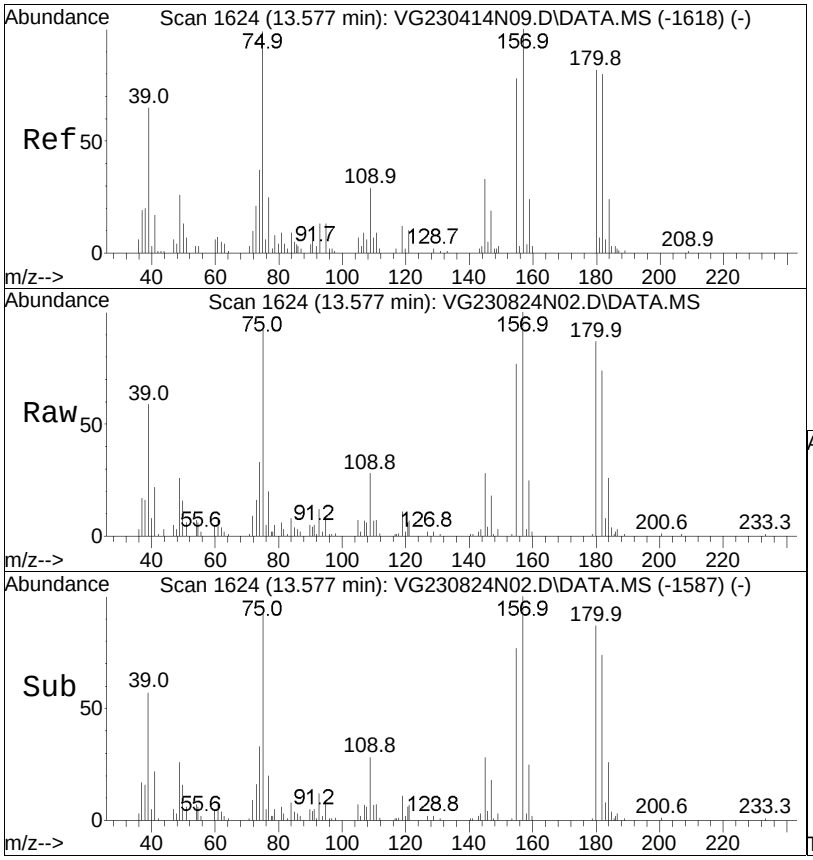


#104
1,2-Dichlorobenzene
Concen: 9.27 ug/L
RT: 12.796 min Scan# 1529
Delta R.T. -0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:146 Resp: 313340

Ion	Ratio	Lower	Upper
146	100		
111	42.6	25.4	52.8
148	63.9	41.7	86.5

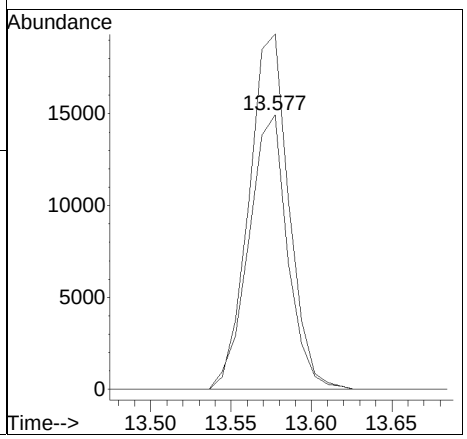


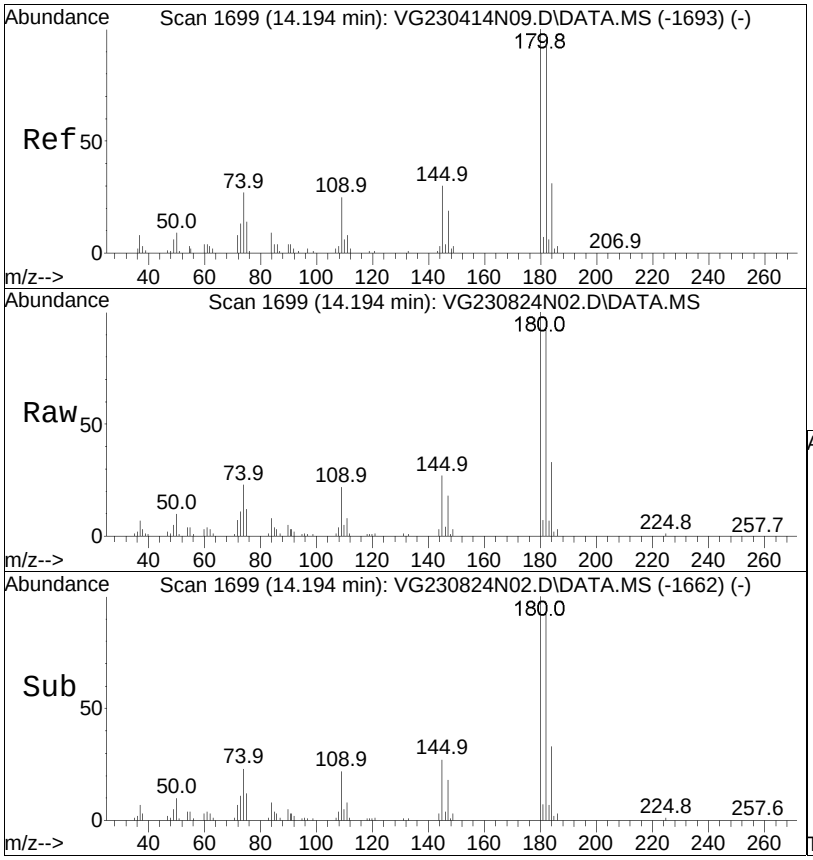


#106
1,2-Dibromo-3-chloropropane
Concen: 8.34 ug/L
RT: 13.577 min Scan# 1624
Delta R.T. 0.008 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:155 Resp: 25290

Ion	Ratio	Lower	Upper
155	100		
157	132.3	99.9	149.9

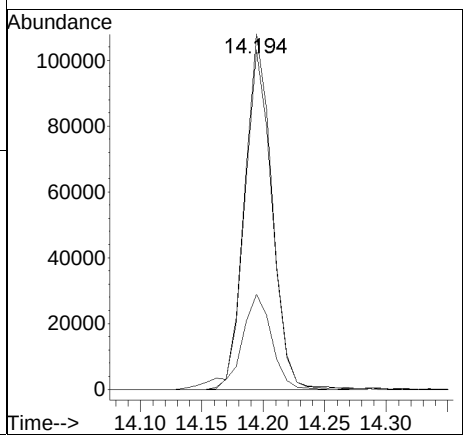


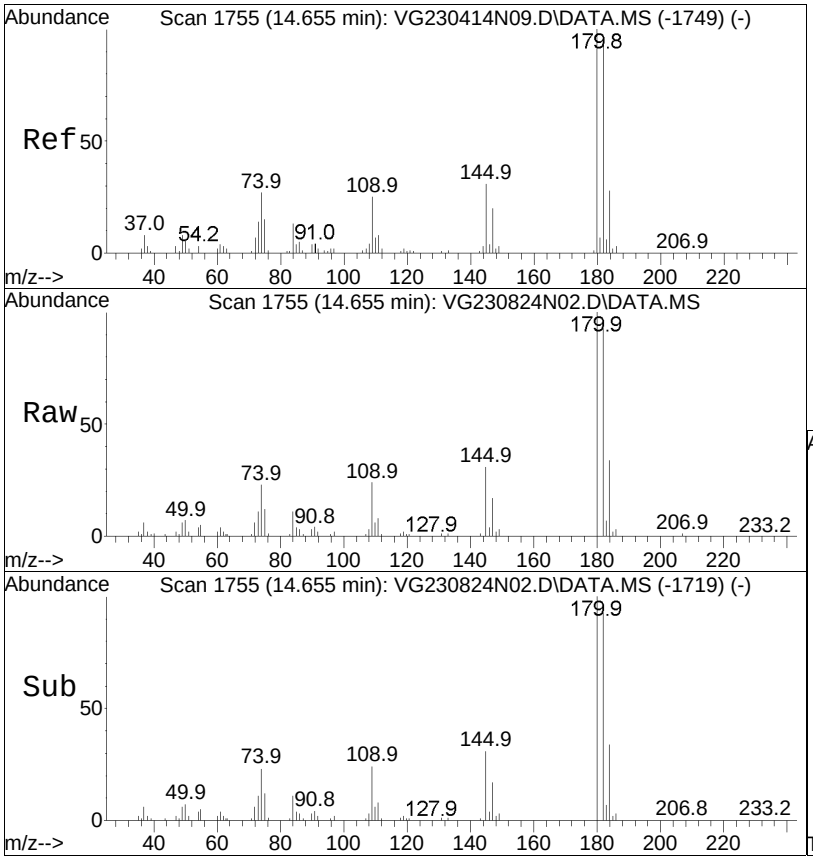


#109
1,2,4-Trichlorobenzene
Concen: 8.68 ug/L
RT: 14.194 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:180 Resp: 167609

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.7	115.1
145	30.2	26.5	39.7

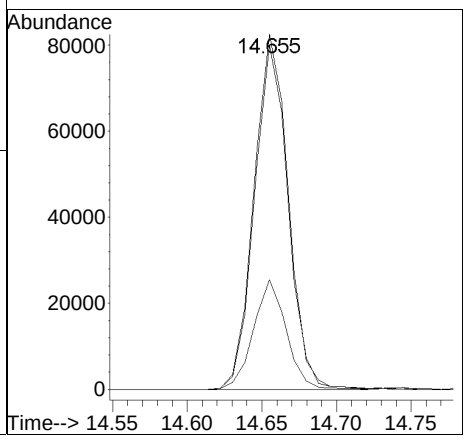




#111
1,2,3-Trichlorobenzene
Concen: 8.35 ug/L
RT: 14.655 min Scan# 1755
Delta R.T. 0.000 min
Lab File: VG230824N02.D
Acq: 24 Aug 2023 6:38 pm

Tgt Ion:180 Resp: 131621

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.4
145	29.7	24.1	36.1



Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N03.D
Acq On : 24 Aug 2023 7:02 pm
Operator : GONZO:TMS
Sample : WG1820053-4,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 24 19:26:27 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.139	96	604804	10.000	ug/L	0.00
Standard Area 1 = 611548			Recovery = 98.90%			
59) Chlorobenzene-d5	9.686	117	551846	10.000	ug/L	0.00
Standard Area 1 = 553536			Recovery = 99.69%			
79) 1,4-Dichlorobenzene-d4	12.360	152	336726	10.000	ug/L	0.00
Standard Area 1 = 332996			Recovery = 101.12%			
System Monitoring Compounds						
36) Dibromofluoromethane	5.326	113	169934	10.950	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 109.50%			
43) 1,2-Dichloroethane-d4	5.858	65	232696	11.774	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 117.74%			
60) Toluene-d8	7.836	98	686318	9.803	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 98.03%			
83) 4-Bromofluorobenzene	11.167	95	273917	8.972	ug/L	0.00
Spiked Amount 10.000	Range 70 - 130		Recovery = 89.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.702	85	162454	9.686	ug/L	97
3) Chloromethane	1.915	50	251119	10.332	ug/L	99
4) Vinyl chloride	1.976	62	193601	11.056	ug/L	97
5) Bromomethane	2.295	94	53424	6.014	ug/L	99
6) Chloroethane	2.401	64	106218	13.695	ug/L	97
7) Trichlorofluoromethane	2.546	101	189439	9.699	ug/L	99
10) 1,1-Dichloroethene	3.055	96	123844	10.006	ug/L #	59
11) Carbon disulfide	3.085	76	375269	9.743	ug/L	99
12) Freon-113	3.093	101	132885	10.106	ug/L #	78
15) Methylene chloride	3.625	84	143048	9.606	ug/L #	55
17) Acetone	3.663	43	46160	8.303	ug/L #	87
18) trans-1,2-Dichloroethene	3.769	96	137080	10.325	ug/L #	68
19) Methyl acetate	3.777	43	122810	9.898	ug/L #	88
20) Methyl tert-butyl ether	3.852	73	419164	9.843	ug/L #	82
23) 1,1-Dichloroethane	4.361	63	337636	11.684	ug/L	95
28) cis-1,2-Dichloroethene	4.886	96	154359	10.046	ug/L #	70
30) Bromochloromethane	5.076	128	72265	11.580	ug/L #	54
31) Cyclohexane	5.068	56	353829	10.311	ug/L #	63
32) Chloroform	5.152	83	258136	10.577	ug/L	96
34) Carbon tetrachloride	5.281	117	195803	10.152	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N03.D
Acq On : 24 Aug 2023 7:02 pm
Operator : GONZO:TMS
Sample : WG1820053-4,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 24 19:26:27 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\Gonzo\2023\230824N\VG230824N02.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
37) 1,1,1-Trichloroethane	5.349	97	225546	10.057	ug/L		91
39) 2-Butanone	5.448	43	71776	8.583	ug/L	#	68
41) Benzene	5.714	78	579342	10.167	ug/L	#	86
44) 1,2-Dichloroethane	5.926	62	245019	11.511	ug/L		97
47) Methyl cyclohexane	6.299	83	205603	8.237	ug/L	#	41
48) Trichloroethene	6.314	95	152259	8.889	ug/L		97
51) 1,2-Dichloropropane	6.869	63	192763	11.657	ug/L	#	91
54) Bromodichloromethane	6.945	83	194678	10.002	ug/L		100
57) 1,4-Dioxane	7.141	88	62338	418.086	ug/L	#	56
58) cis-1,3-Dichloropropene	7.628	75	235881	9.845	ug/L		90
61) Toluene	7.894	92	363555	9.501	ug/L		100
62) 4-Methyl-2-pentanone	8.330	58	63520	9.725	ug/L	#	96
63) Tetrachloroethene	8.338	166	155438	9.288	ug/L		97
65) trans-1,3-Dichloropropene	8.381	75	215604	9.169	ug/L		97
68) 1,1,2-Trichloroethane	8.567	83	105691	9.416	ug/L		98
69) Chlorodibromomethane	8.782	129	142802	9.522	ug/L		99
71) 1,2-Dibromoethane	9.061	107	127255	9.626	ug/L		100
72) 2-Hexanone	9.341	43	111504	8.083	ug/L		98
73) Chlorobenzene	9.711	112	404721	10.004	ug/L		96
74) Ethylbenzene	9.736	91	694401	9.518	ug/L		99
76) p/m Xylene	9.925	106	539844	19.398	ug/L		93
77) o Xylene	10.460	106	529241	19.766	ug/L		94
78) Styrene	10.525	104	907773	19.643	ug/L		94
80) Bromoform	10.558	173	99398	8.804	ug/L		100
82) Isopropylbenzene	10.838	105	658910	8.990	ug/L		98
87) 1,1,2,2-Tetrachloroethane	11.406	83	165672	10.689	ug/L		100
100) 1,3-Dichlorobenzene	12.286	146	323072	9.166	ug/L		98
101) 1,4-Dichlorobenzene	12.376	146	331469	9.185	ug/L		97
104) 1,2-Dichlorobenzene	12.796	146	309230	9.045	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.569	155	24239	7.908	ug/L		93
109) 1,2,4-Trichlorobenzene	14.194	180	163225	8.363	ug/L		98
111) 1,2,3-Trichlorobenzene	14.655	180	127734	8.016	ug/L		97

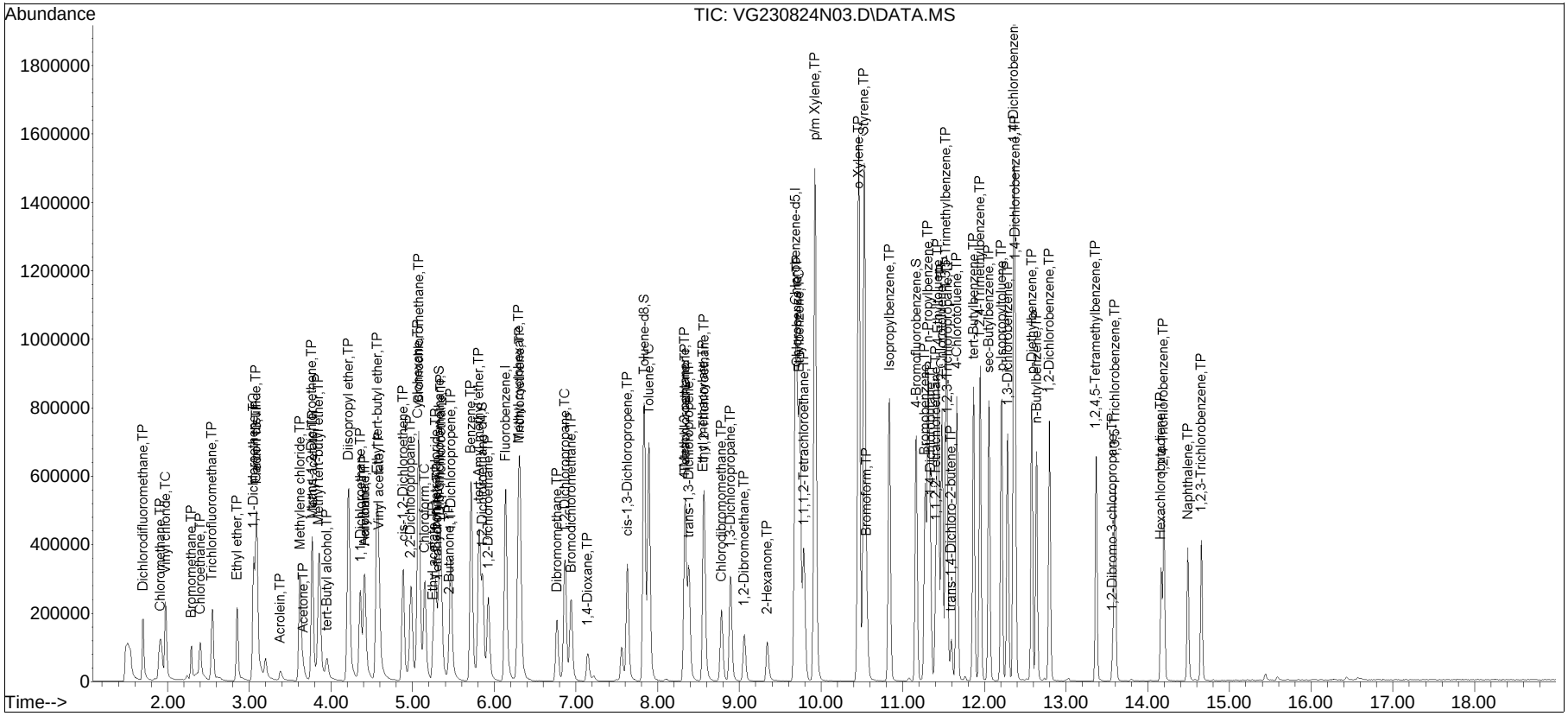
(#) = qualifier out of range (m) = manual integration (+) = signals summed

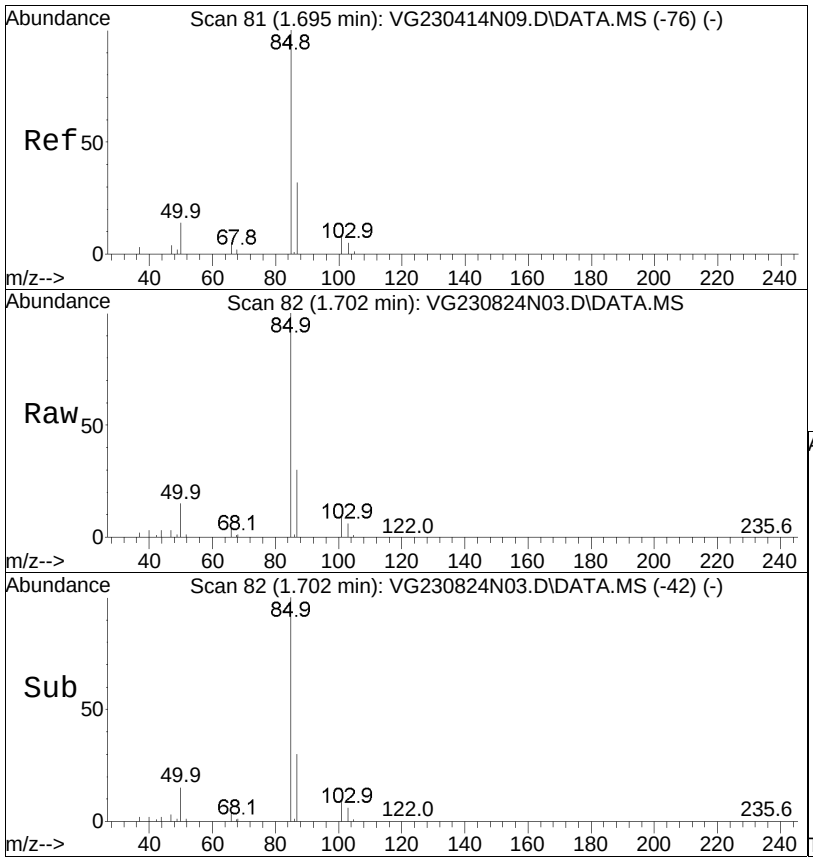
Quantitation Report (QT Reviewed)

Data Path : K:\Gonzo\2023\230824N\
Data File : VG230824N03.D
Acq On : 24 Aug 2023 7:02 pm
Operator : GONZO:TMS
Sample : WG1820053-4,31,10,10
Misc : WG1820053,ICAL20208
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 24 19:26:27 2023
Quant Method : K:\Gonzo\2023\230824N\G_230726N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jul 27 11:43:17 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

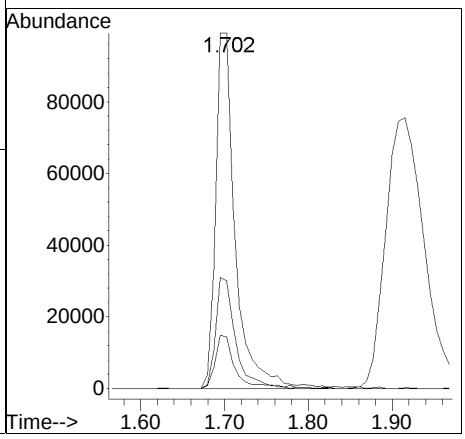


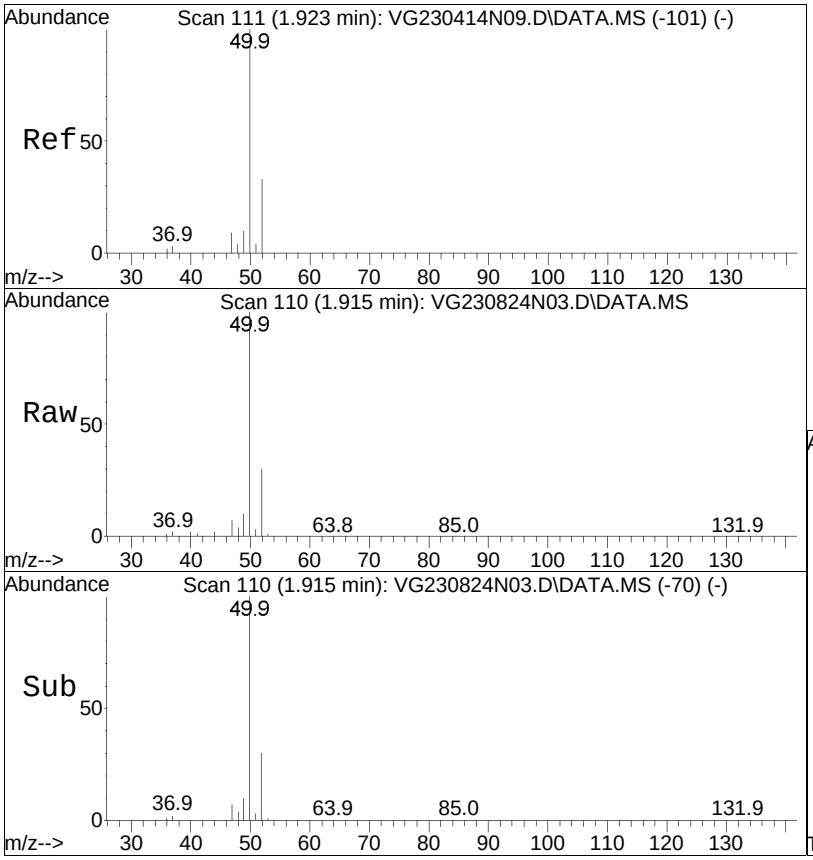


#2
Dichlorodifluoromethane
Concen: 9.69 ug/L
RT: 1.702 min Scan# 82
Delta R.T. 0.007 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 85 Resp: 162454

Ion	Ratio	Lower	Upper
85	100		
87	31.5	20.7	42.9
50	14.9	7.5	15.5

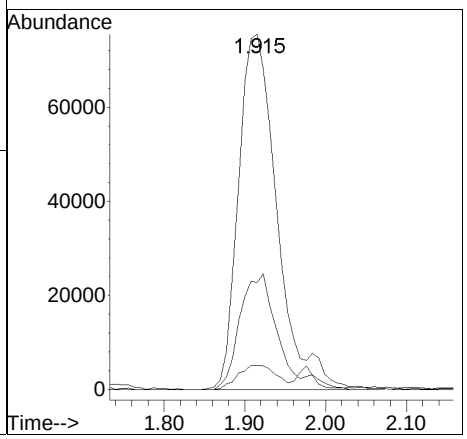


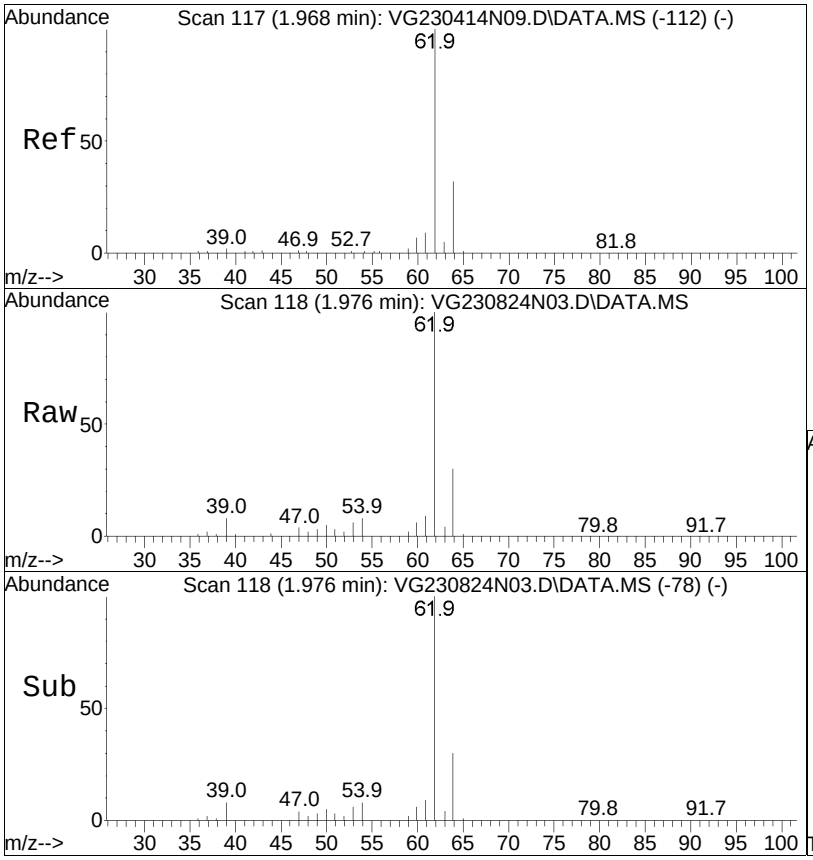


#3
Chloromethane
Concen: 10.33 ug/L
RT: 1.915 min Scan# 110
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 50 Resp: 251119

Ion	Ratio	Lower	Upper
50	100		
52	32.2	11.7	51.7
47	6.7	0.0	28.0

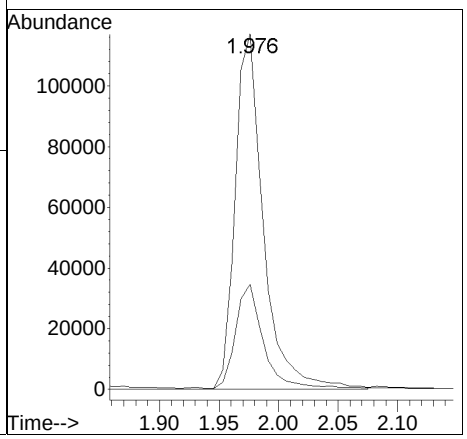


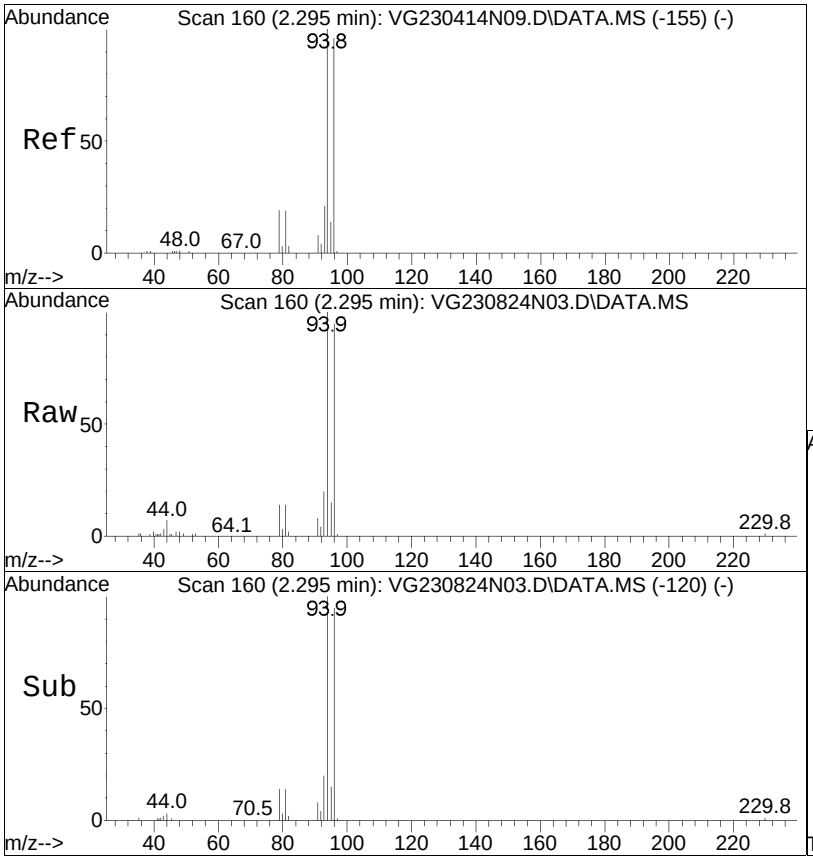


#4
Vinyl chloride
Concen: 11.06 ug/L
RT: 1.976 min Scan# 118
Delta R.T. 0.007 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 62 Resp: 193601

Ion	Ratio	Lower	Upper
62	100		
64	29.5	11.3	51.3

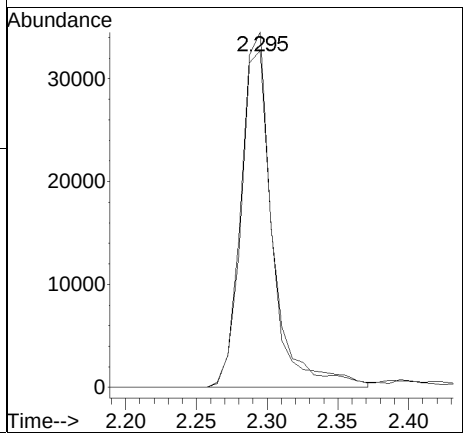


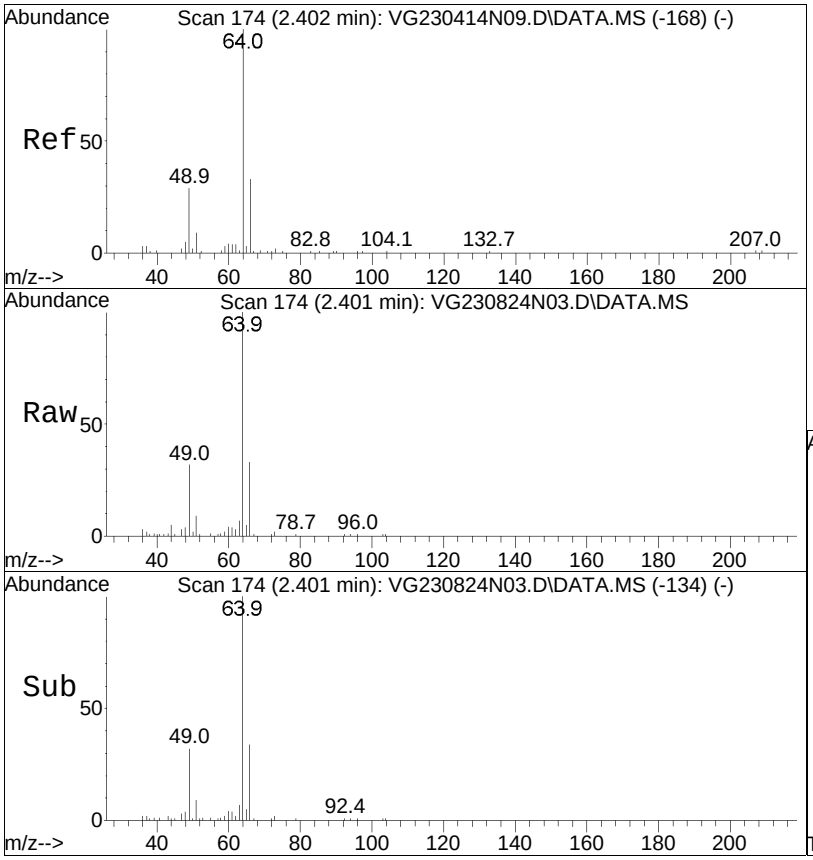


#5
Bromomethane
Concen: 6.01 ug/L
RT: 2.295 min Scan# 160
Delta R.T. 0.007 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 94 Resp: 53424

Ion	Ratio	Lower	Upper
94	100		
96	96.3	75.2	115.2

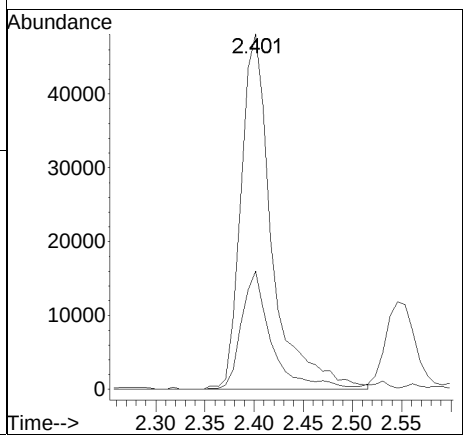


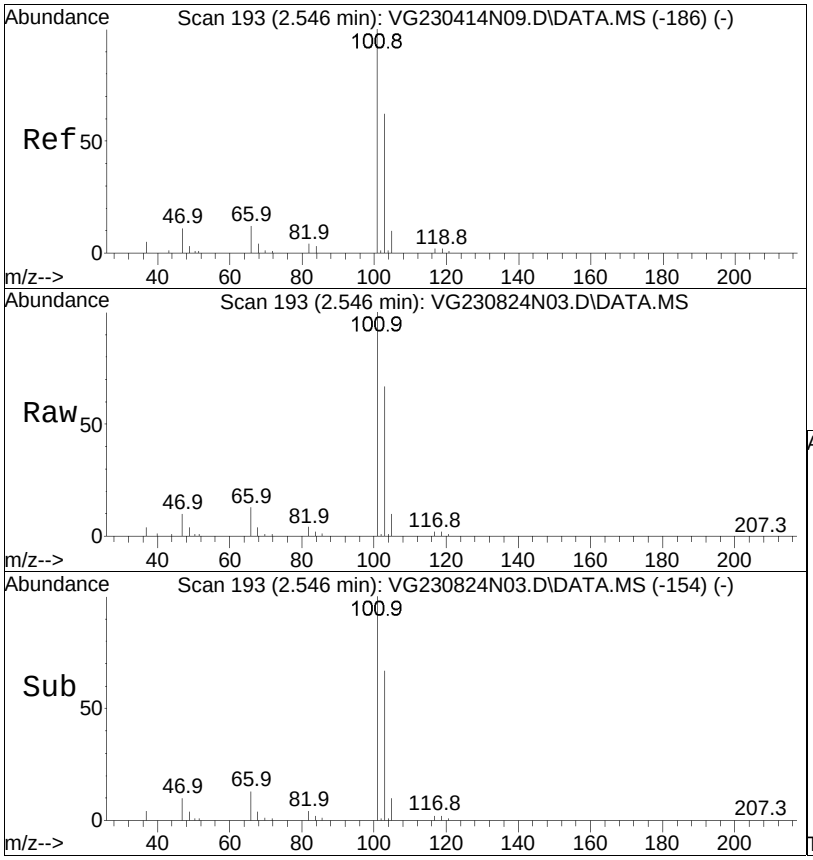


#6
Chloroethane
Concen: 13.69 ug/L
RT: 2.401 min Scan# 174
Delta R.T. 0.007 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 64 Resp: 106218

Ion	Ratio	Lower	Upper
64	100		
66	32.1	13.7	53.7

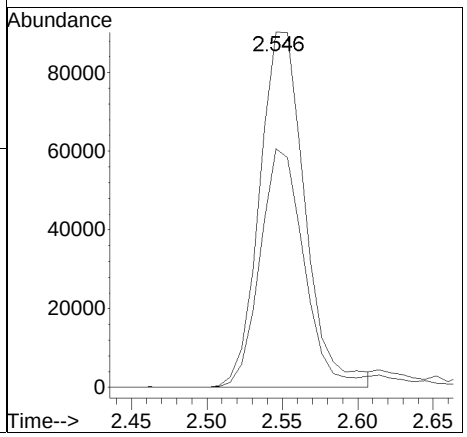


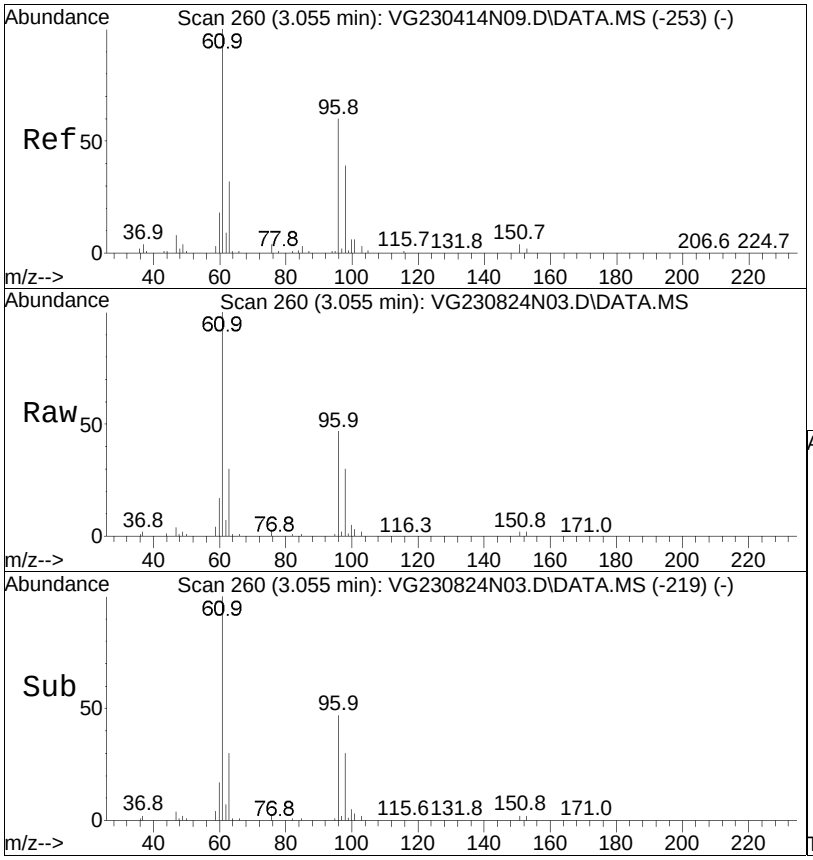


#7
Trichlorofluoromethane
Concen: 9.70 ug/L
RT: 2.546 min Scan# 193
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:101 Resp: 189439

Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.2

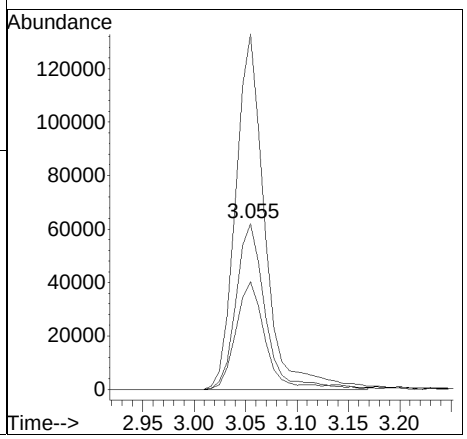


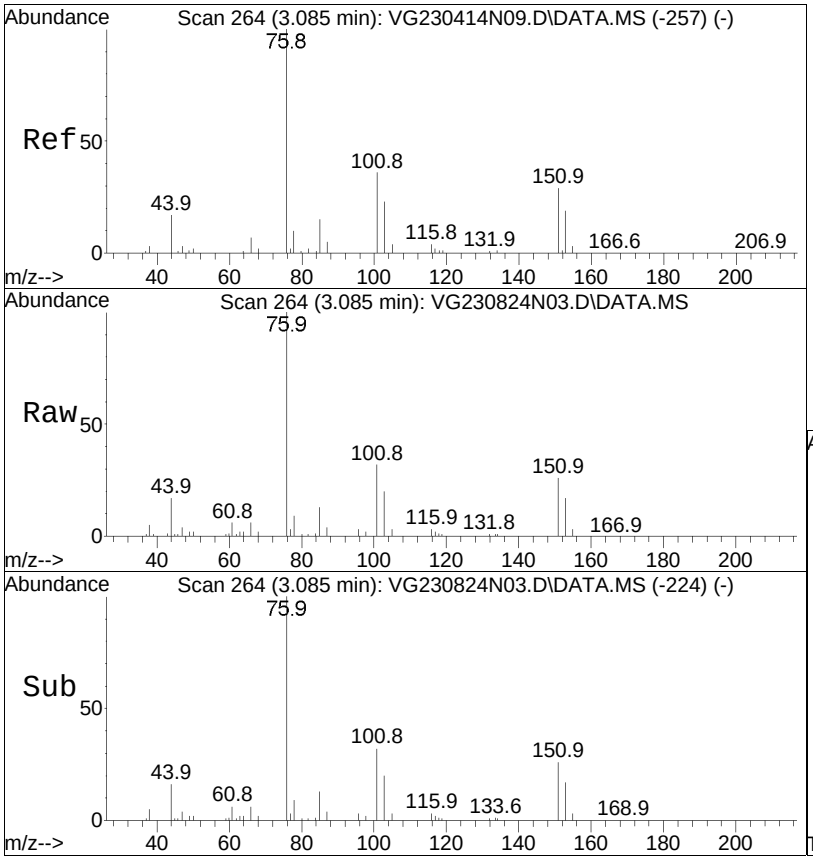


#10
1,1-Dichloroethene
Concen: 10.01 ug/L
RT: 3.055 min Scan# 260
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 96 Resp: 123844

Ion	Ratio	Lower	Upper
96	100		
61	215.4	124.2	186.4#
63	66.1	40.0	60.0#

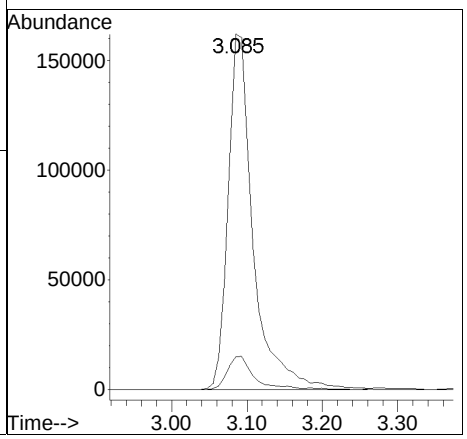


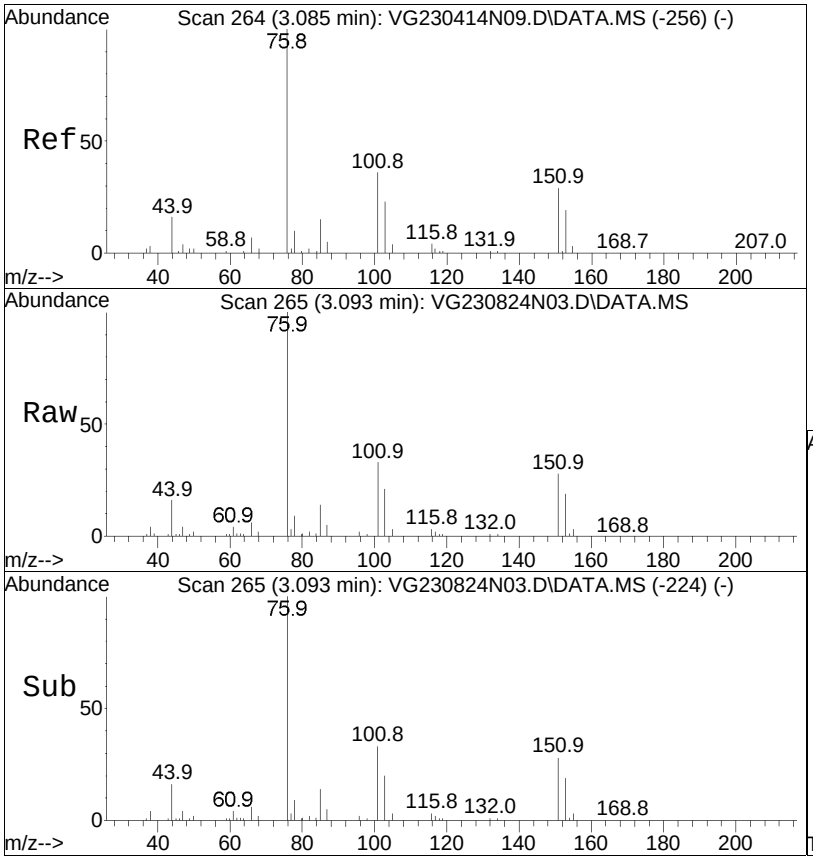


#11
Carbon disulfide
Concen: 9.74 ug/L
RT: 3.085 min Scan# 264
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 76 Resp: 375269

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.6	13.6

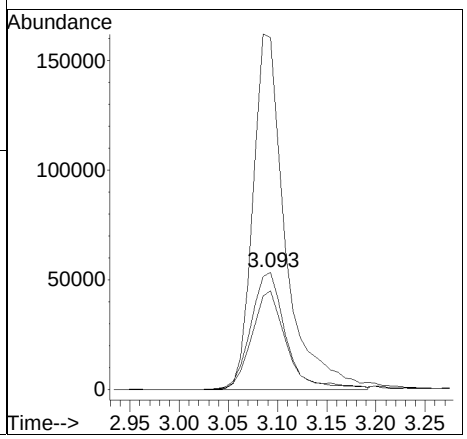


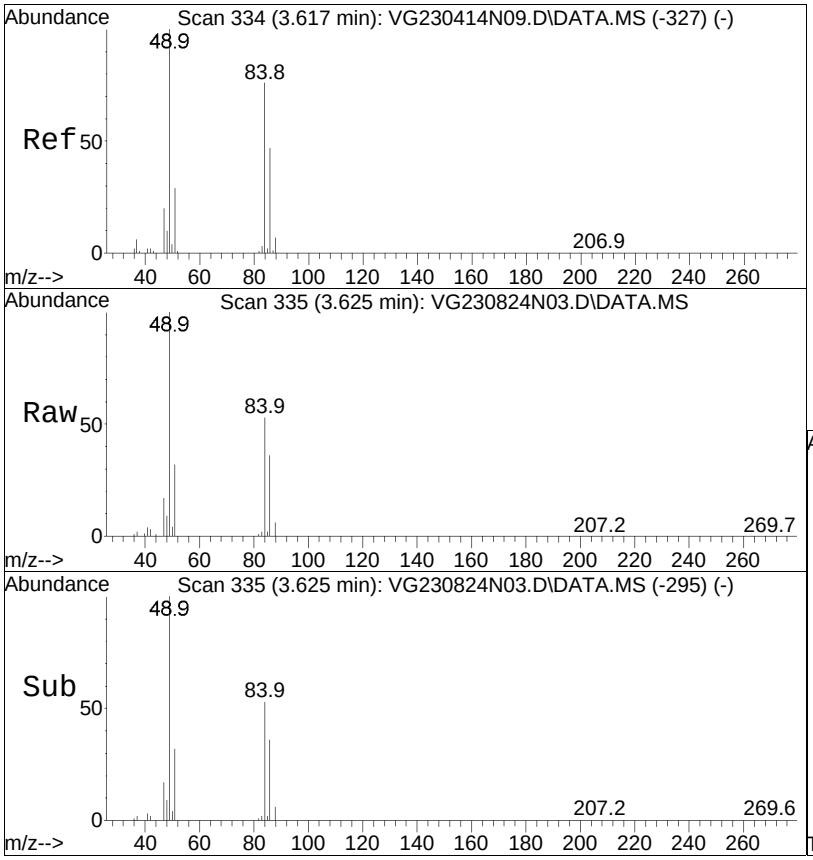


#12
Freon-113
Concen: 10.11 ug/L
RT: 3.093 min Scan# 265
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:101 Resp: 132885

Ion	Ratio	Lower	Upper
101	100		
151	84.5	68.2	102.2
76	282.4	186.0	279.0#

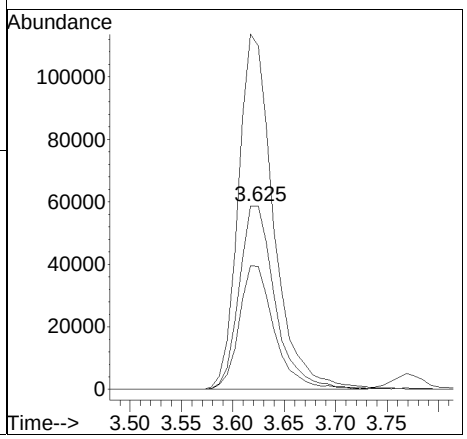


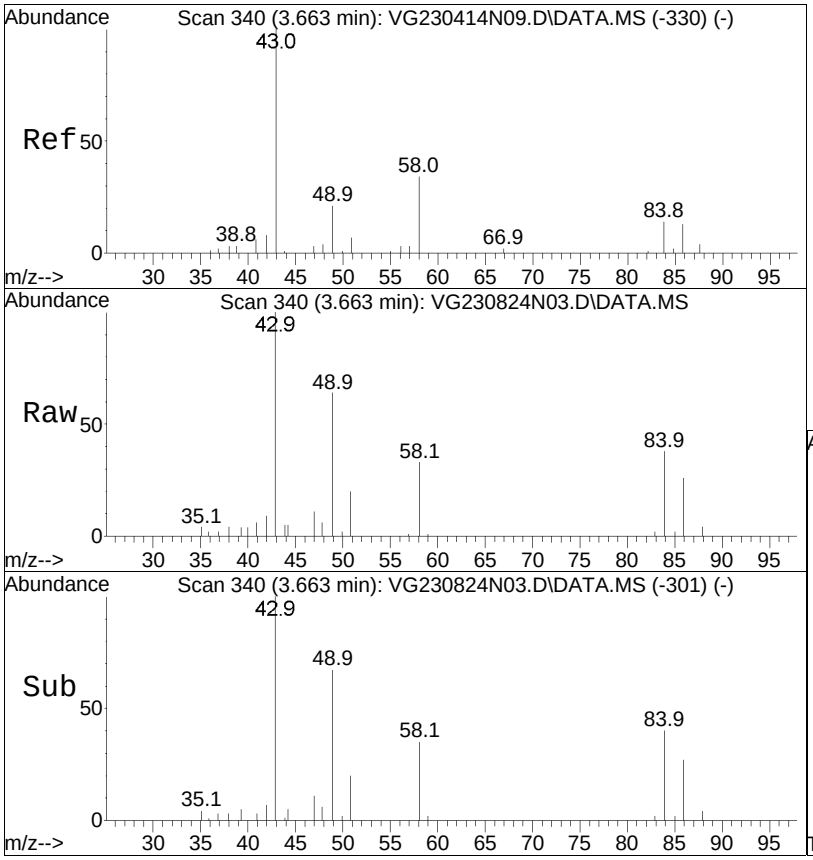


#15
Methylene chloride
Concen: 9.61 ug/L
RT: 3.625 min Scan# 335
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 84 Resp: 143048

Ion	Ratio	Lower	Upper
84	100		
86	66.2	41.1	85.5
49	190.2	76.2	158.2#

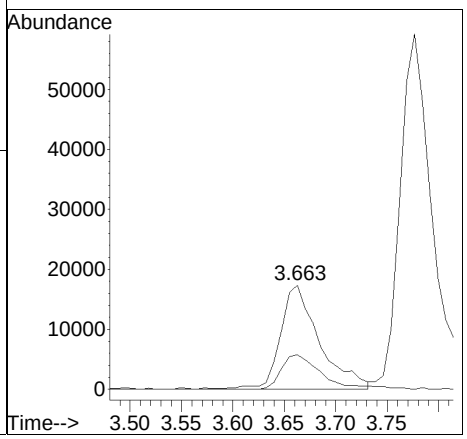


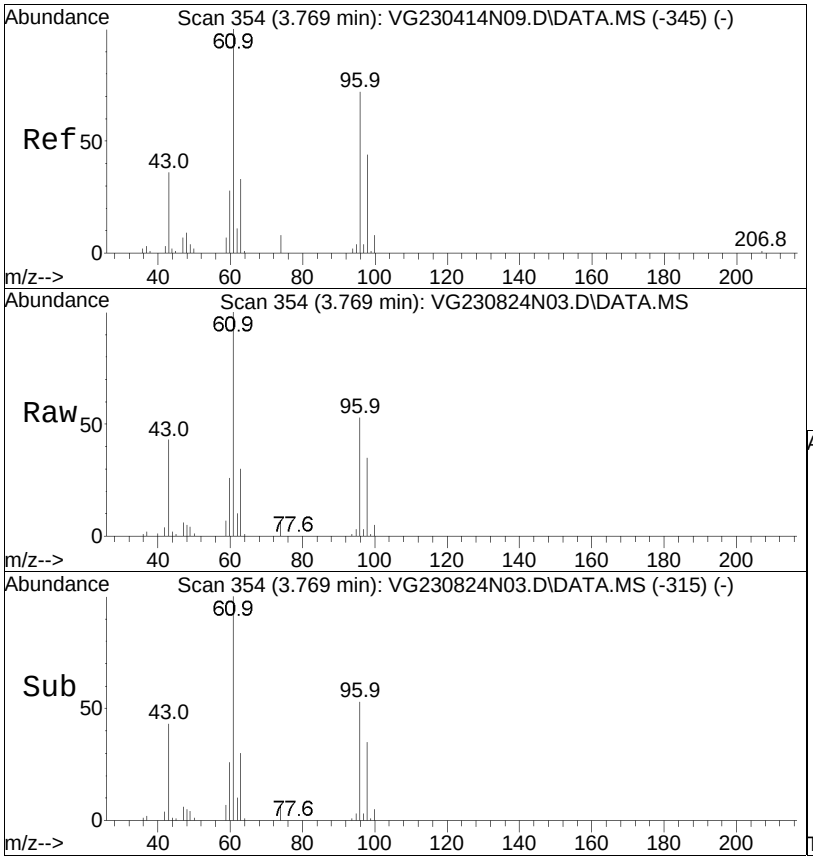


#17
Acetone
Concen: 8.30 ug/L
RT: 3.663 min Scan# 340
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 43 Resp: 46160

Ion	Ratio	Lower	Upper
43	100		
58	34.7	22.2	33.4#

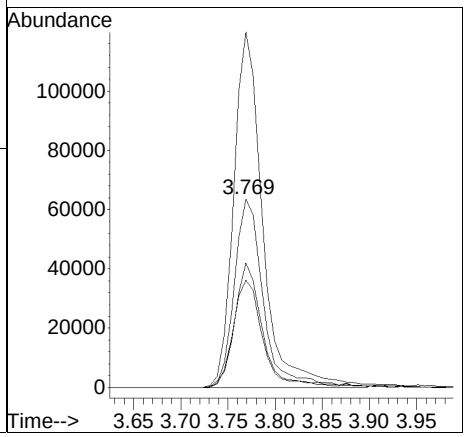


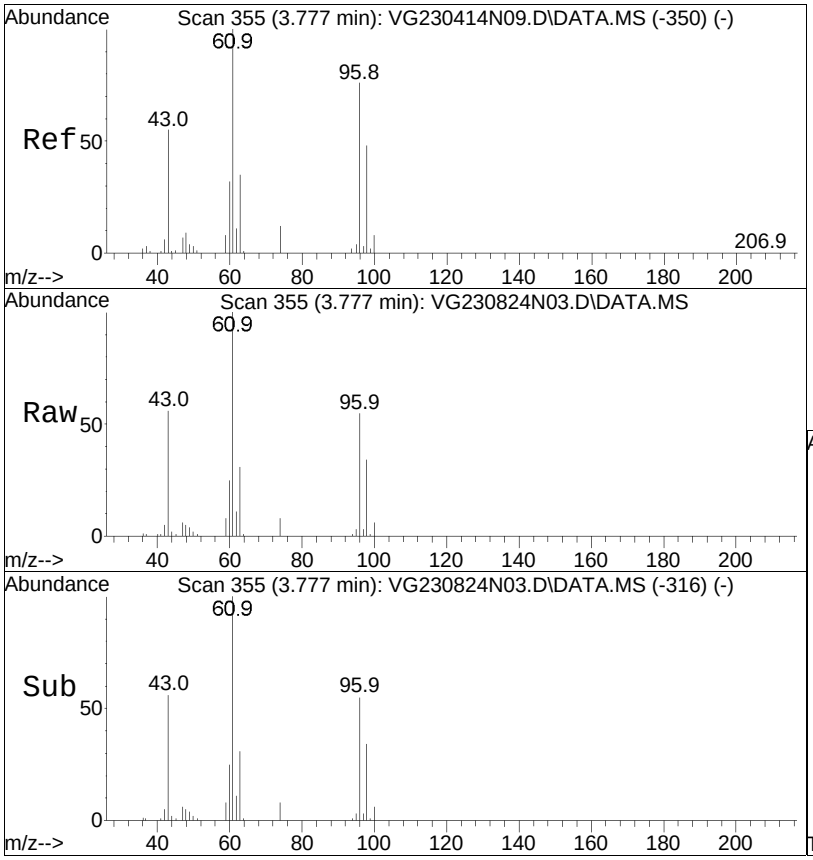


#18
trans-1,2-Dichloroethene
Concen: 10.32 ug/L
RT: 3.769 min Scan# 354
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 96 Resp: 137080

Ion	Ratio	Lower	Upper
96	100		
61	189.5	85.7	178.1#
98	64.0	40.2	83.4
63	57.6	28.0	58.2

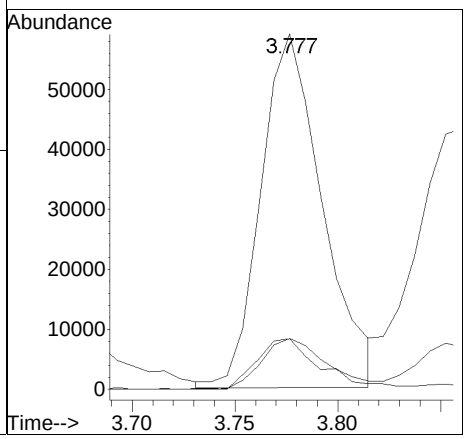


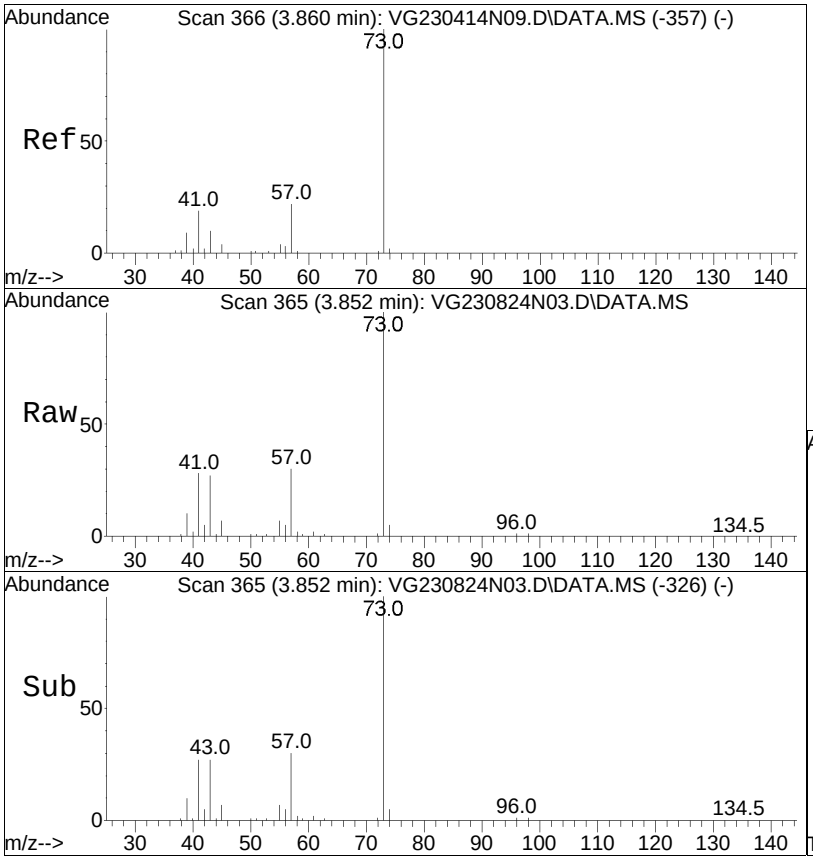


#19
Methyl acetate
Concen: 9.90 ug/L
RT: 3.777 min Scan# 355
Delta R.T. -0.001 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 43 Resp: 122810

Ion	Ratio	Lower	Upper
43	100		
74	15.6	19.3	28.9#
59	15.0	13.9	20.9

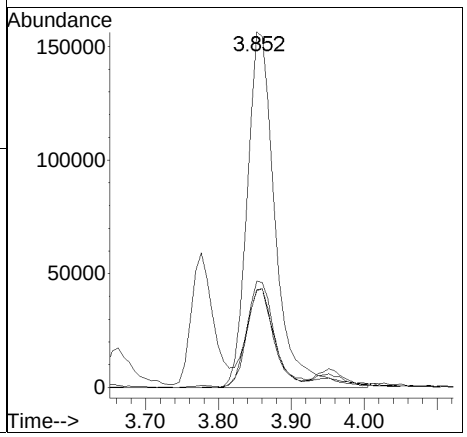


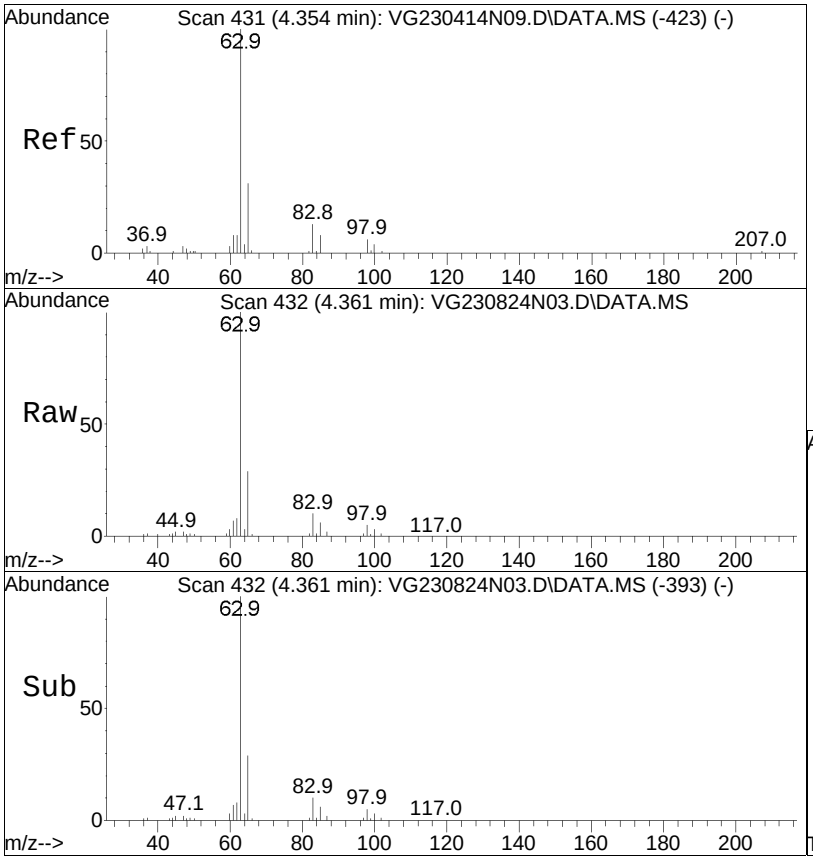


#20
Methyl tert-butyl ether
Concen: 9.84 ug/L
RT: 3.852 min Scan# 365
Delta R.T. -0.001 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 73 Resp: 419164

Ion	Ratio	Lower	Upper
73	100		
57	29.2	12.5	26.1#
43	27.6	13.0	27.0#
41	26.3	12.5	26.1#

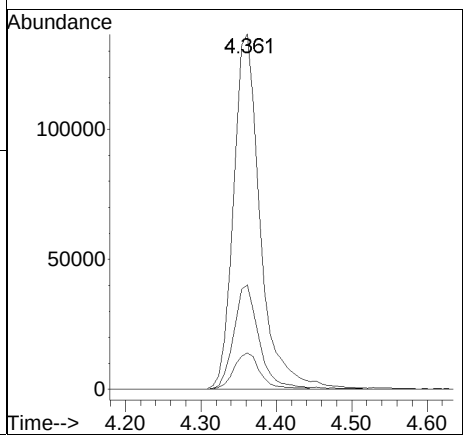


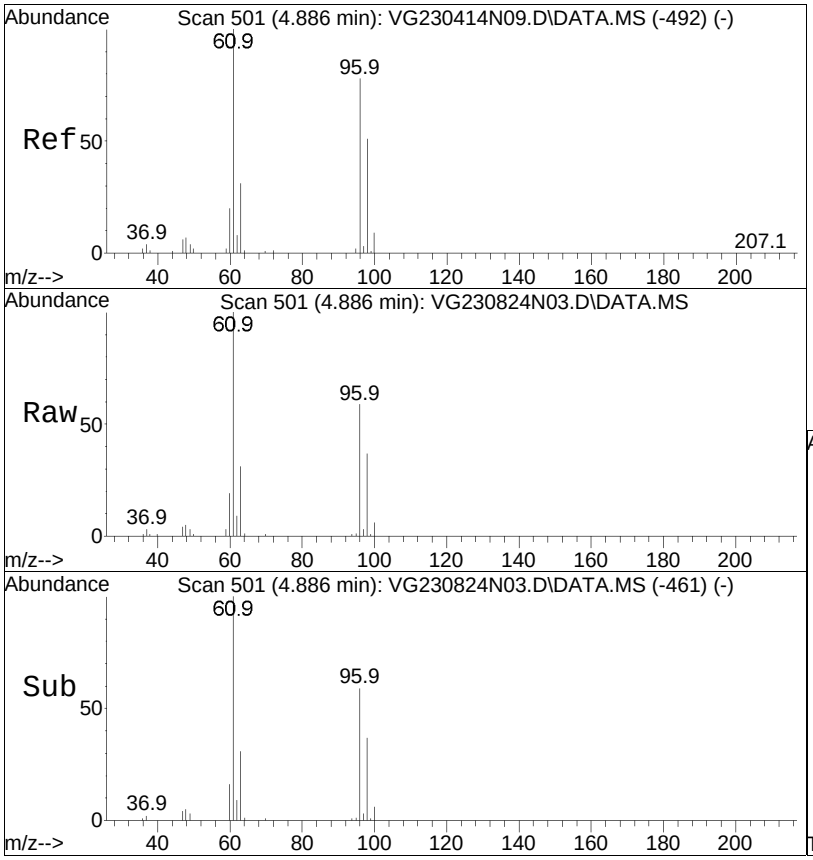


#23
1,1-Dichloroethane
Concen: 11.68 ug/L
RT: 4.361 min Scan# 432
Delta R.T. -0.001 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 63 Resp: 337636

Ion	Ratio	Lower	Upper
63	100		
65	28.3	10.4	50.4
83	10.3	0.0	33.2

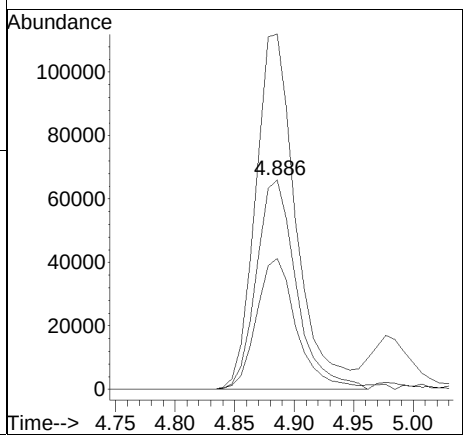


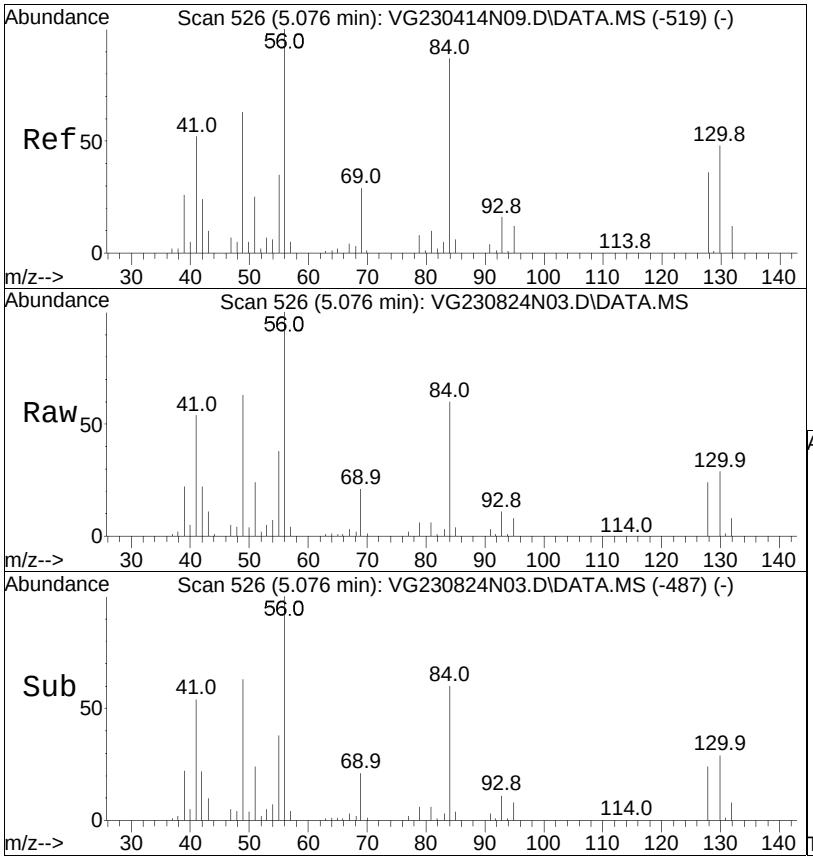


#28
cis-1,2-Dichloroethene
Concen: 10.05 ug/L
RT: 4.886 min Scan# 501
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 96 Resp: 154359

Ion	Ratio	Lower	Upper
96	100		
61	171.0	96.6	144.8#
98	62.6	51.3	76.9

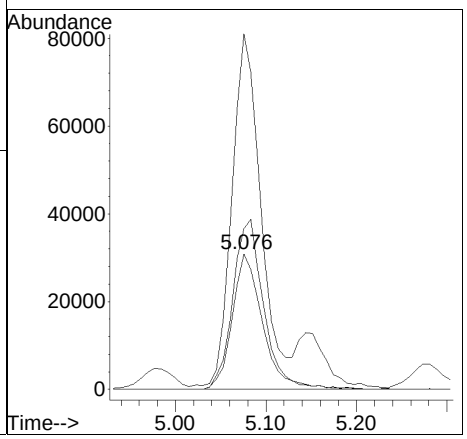


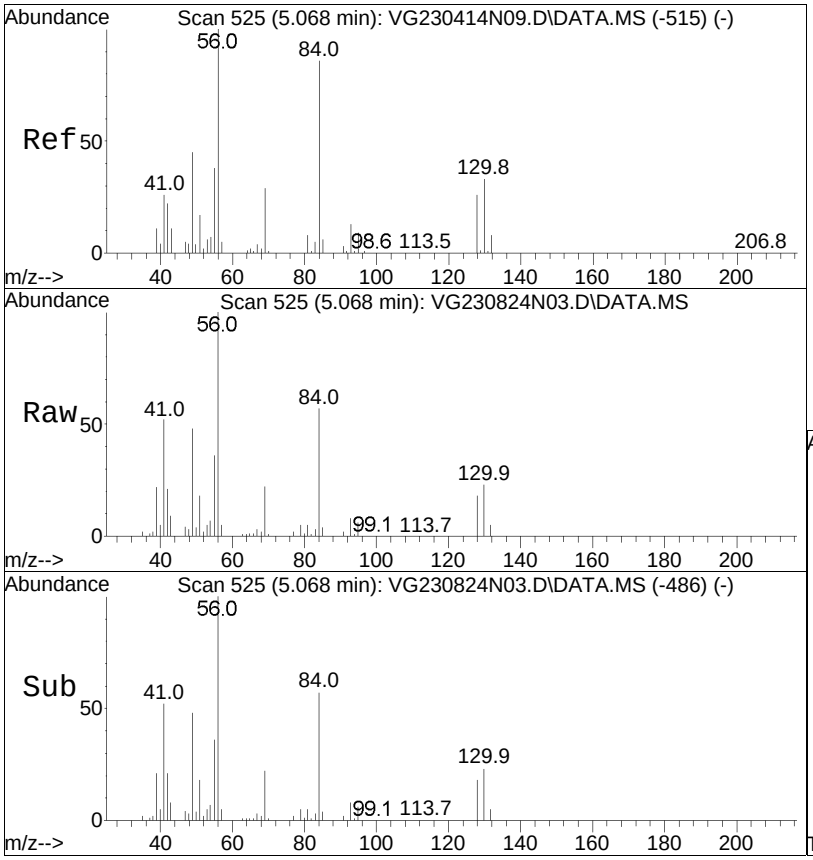


#30
Bromochloromethane
Concen: 11.58 ug/L
RT: 5.076 min Scan# 526
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:128 Resp: 72265

Ion	Ratio	Lower	Upper
128	100		
49	246.7	112.7	169.1#
130	127.7	103.3	154.9

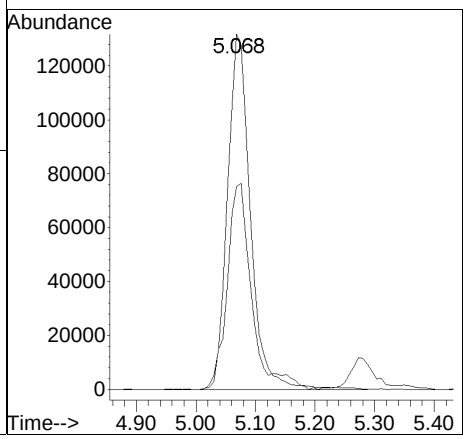


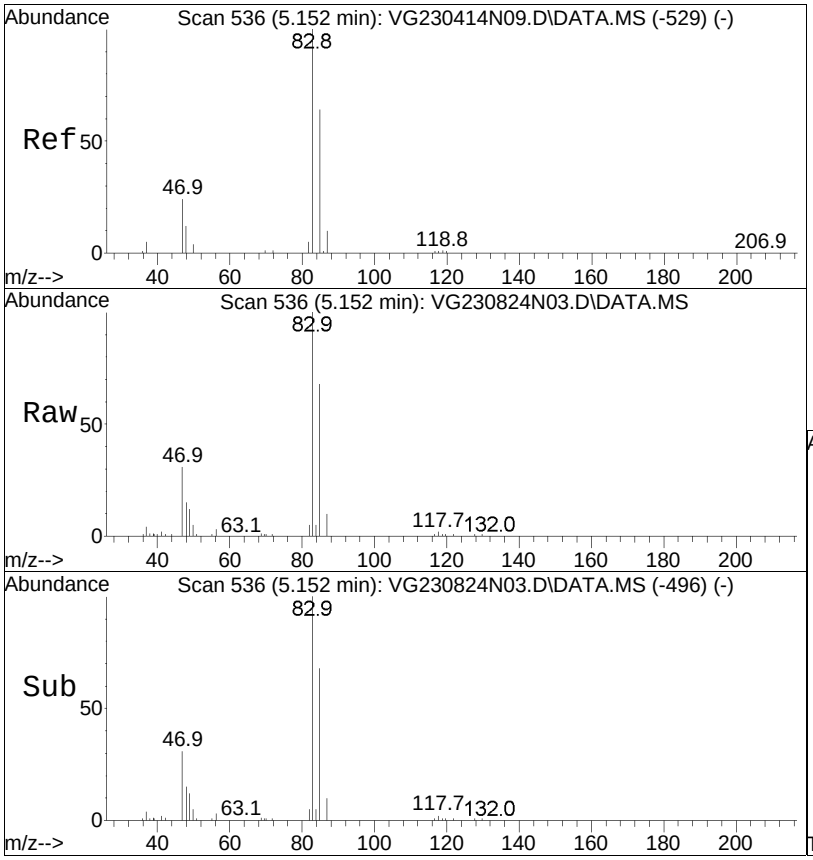


#31
Cyclohexane
Concen: 10.31 ug/L
RT: 5.068 min Scan# 525
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 56 Resp: 353829

Ion	Ratio	Lower	Upper
56	100		
84	61.2	63.8	132.4#

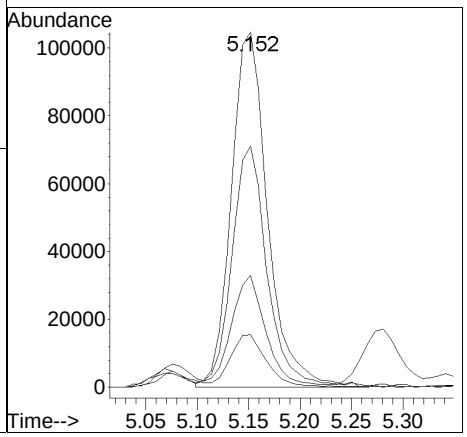


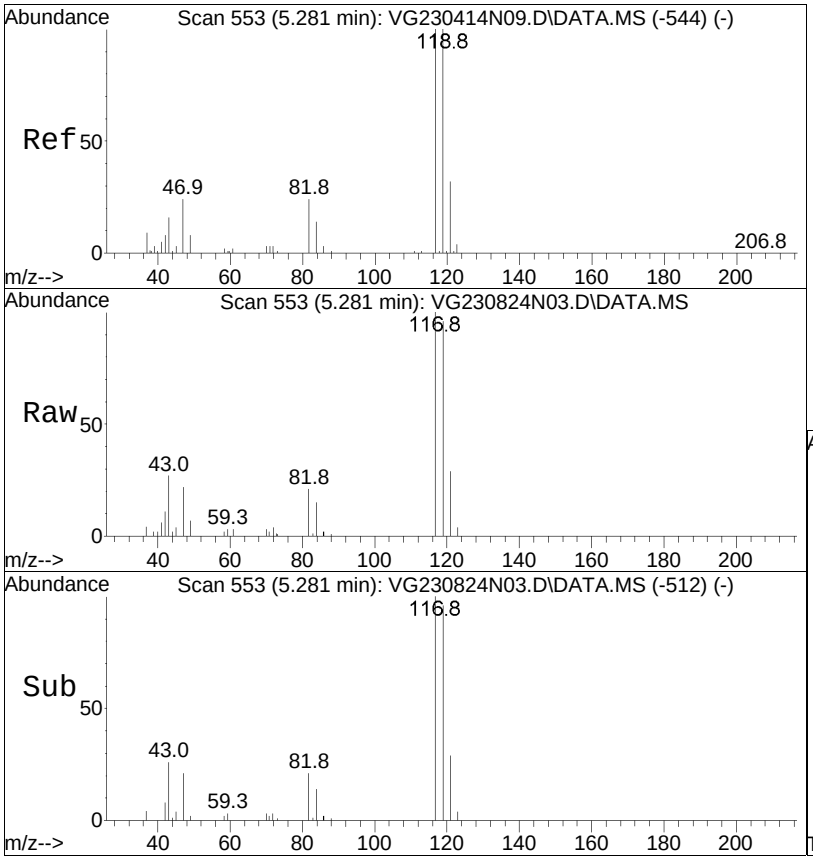


#32
Chloroform
Concen: 10.58 ug/L
RT: 5.152 min Scan# 536
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 83 Resp: 258136

Ion	Ratio	Lower	Upper
83	100		
85	64.3	41.4	86.0
47	29.5	15.1	31.3
48	14.5	7.7	16.1

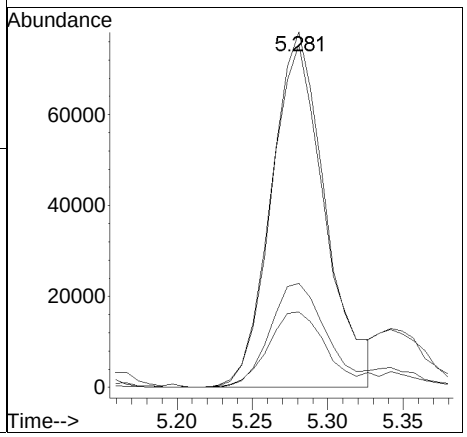


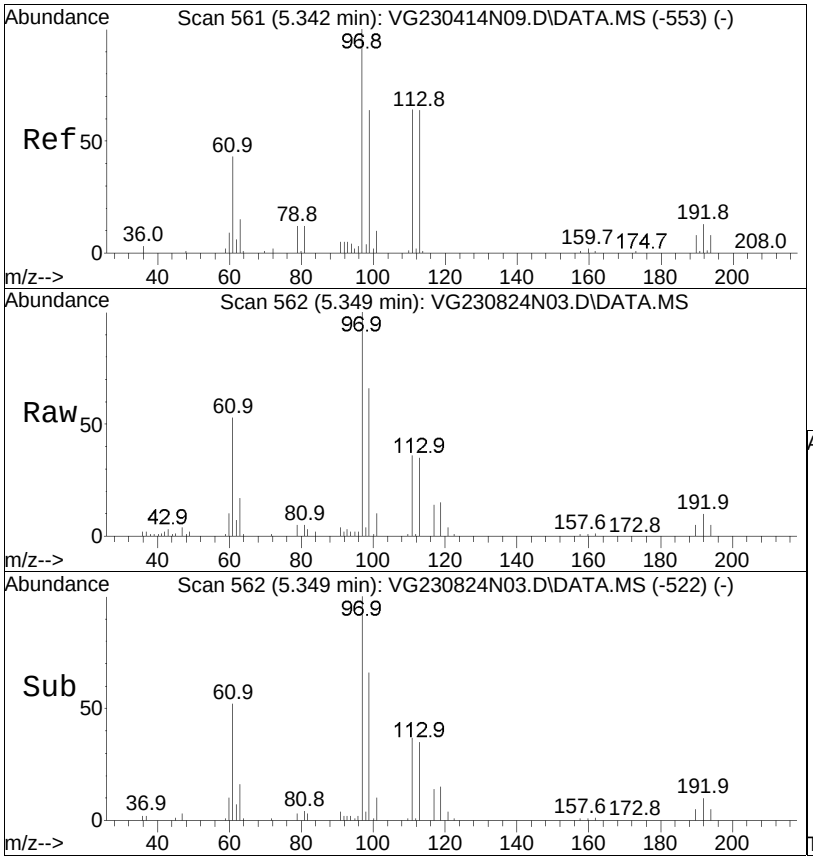


#34
Carbon tetrachloride
Concen: 10.15 ug/L
RT: 5.281 min Scan# 553
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:117 Resp: 195803

Ion	Ratio	Lower	Upper
117	100		
119	95.8	63.2	131.2
121	30.8	20.4	42.4
82	22.5	15.4	32.0

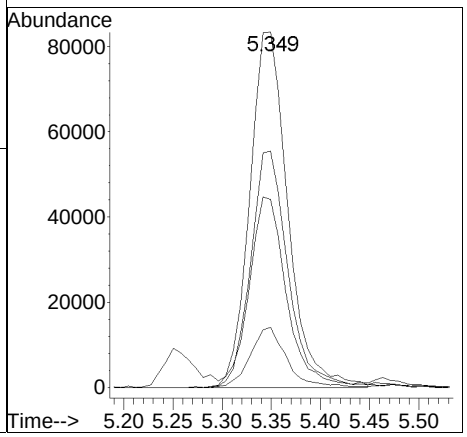


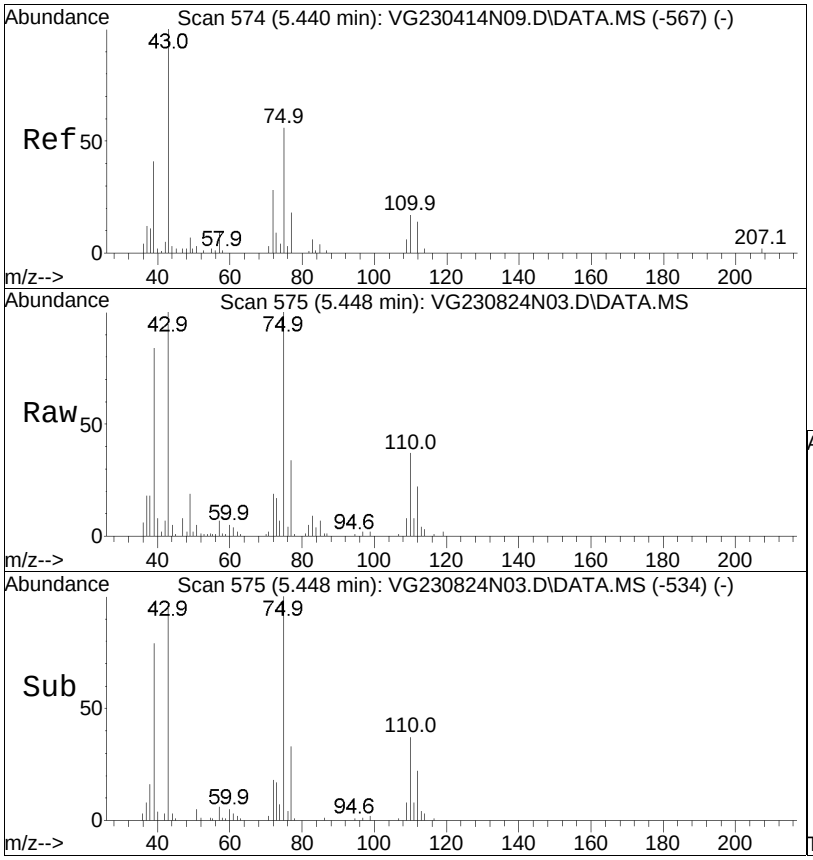


#37
1,1,1-Trichloroethane
Concen: 10.06 ug/L
RT: 5.349 min Scan# 562
Delta R.T. 0.007 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 97 Resp: 225546

Ion	Ratio	Lower	Upper
97	100		
99	65.2	41.3	85.7
61	52.3	26.0	54.0
63	16.2	8.6	18.0

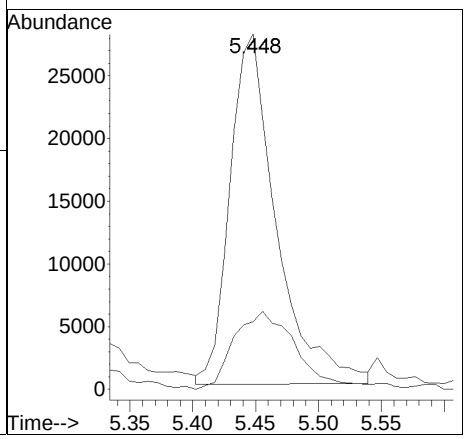


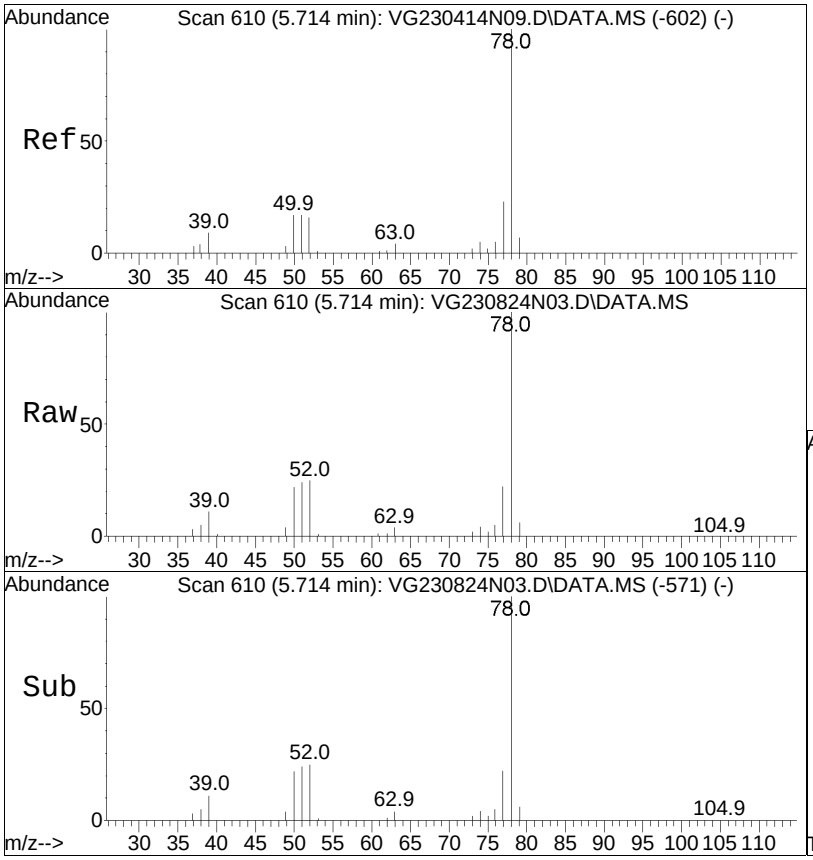


#39
2-Butanone
Concen: 8.58 ug/L
RT: 5.448 min Scan# 575
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 43 Resp: 71776

Ion	Ratio	Lower	Upper
43	100		
72	30.7	42.6	63.8#

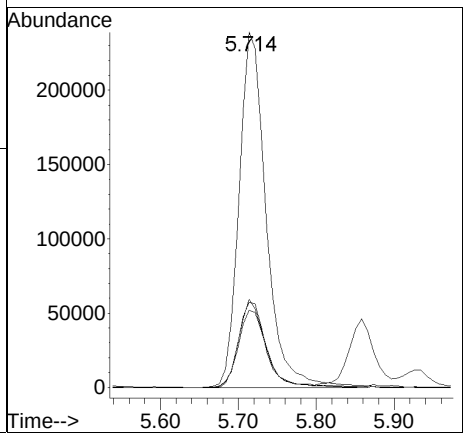


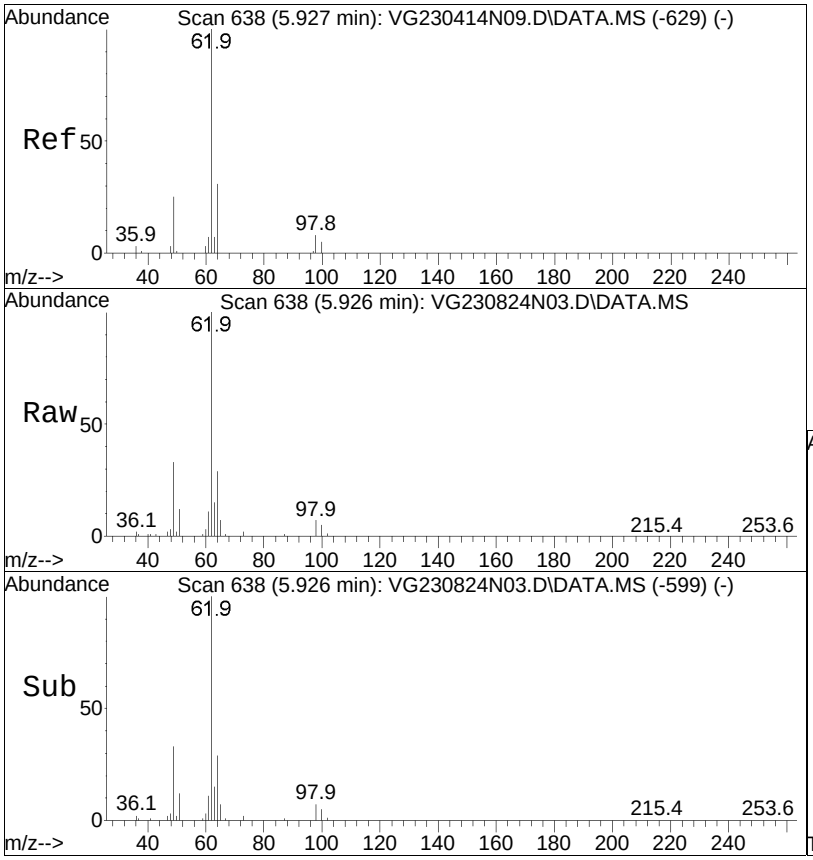


#41
Benzene
Concen: 10.17 ug/L
RT: 5.714 min Scan# 610
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 78 Resp: 579342

Ion	Ratio	Lower	Upper
78	100		
77	22.7	15.5	32.1
51	24.2	9.9	20.7#
52	24.2	9.2	19.2#

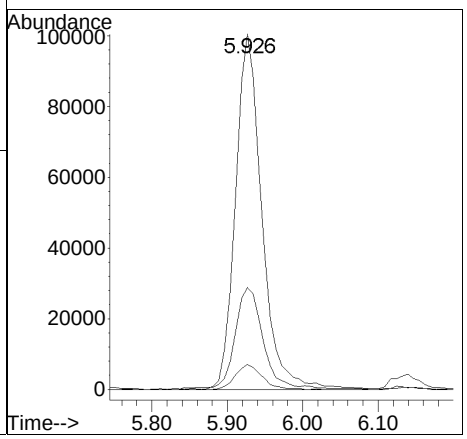


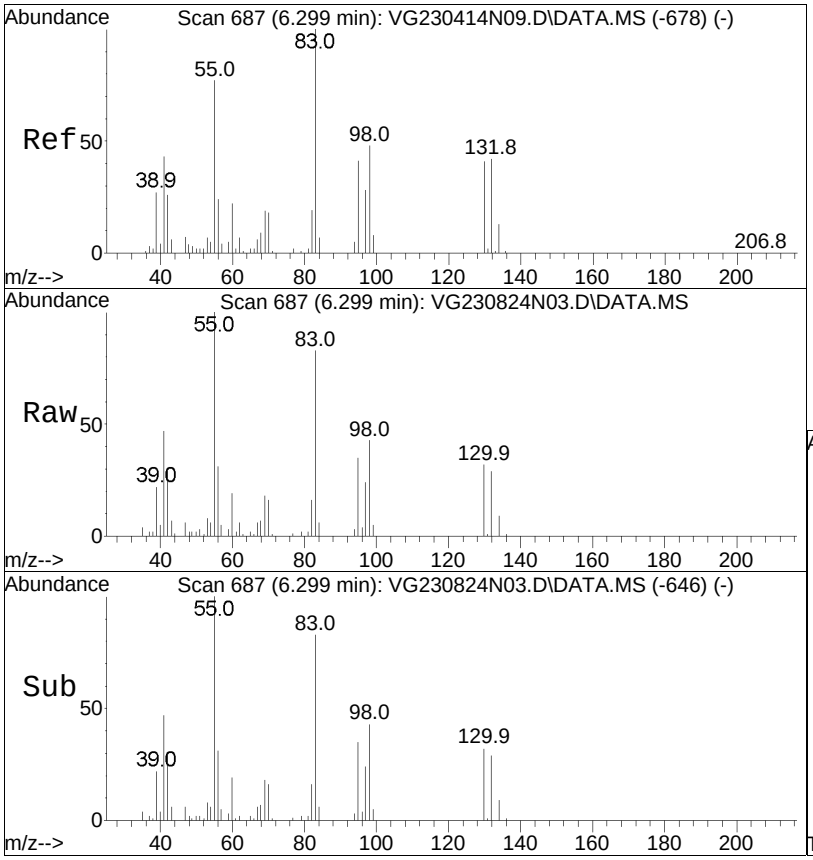


#44
1,2-Dichloroethane
Concen: 11.51 ug/L
RT: 5.926 min Scan# 638
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 62 Resp: 245019

Ion	Ratio	Lower	Upper
62	100		
64	31.1	11.9	51.9
98	7.1	0.0	29.3

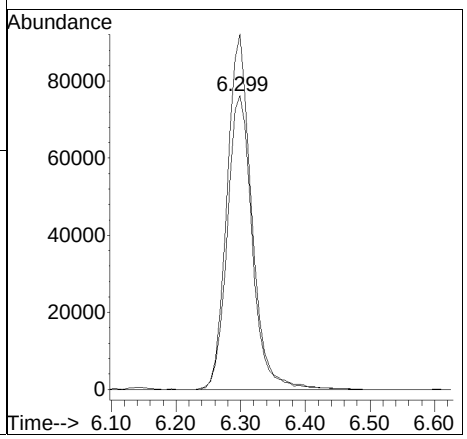


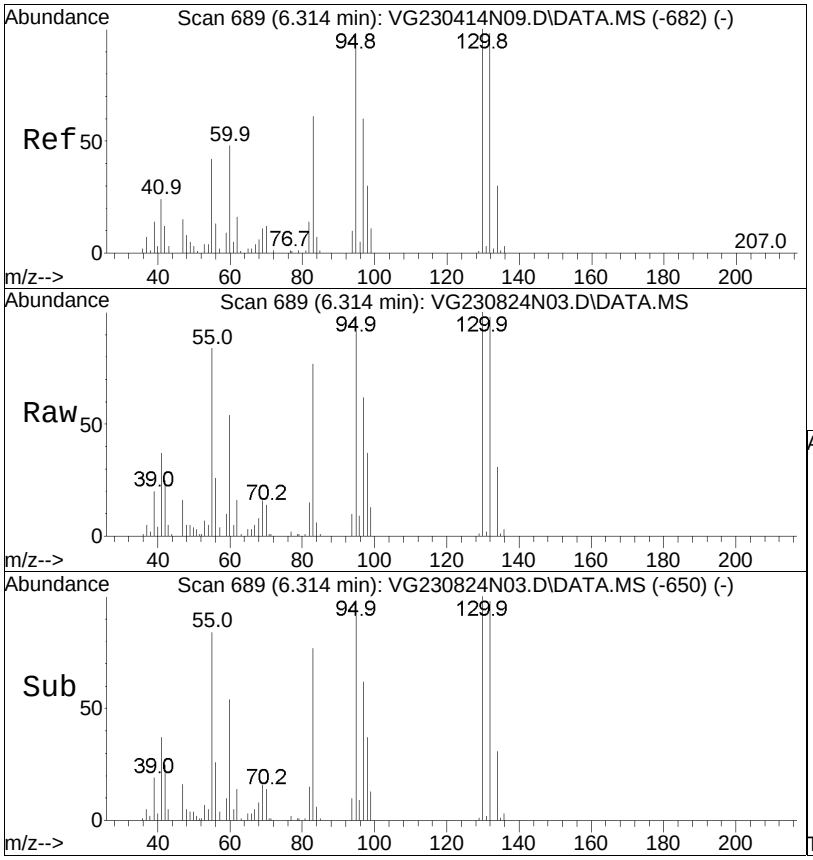


#47
Methyl cyclohexane
Concen: 8.24 ug/L
RT: 6.299 min Scan# 687
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 83 Resp: 205603

Ion	Ratio	Lower	Upper
83	100		
55	118.3	56.0	84.0#

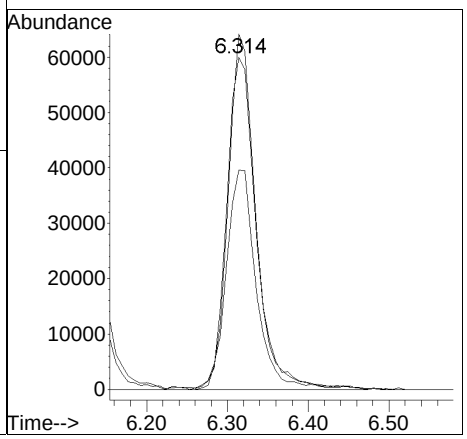


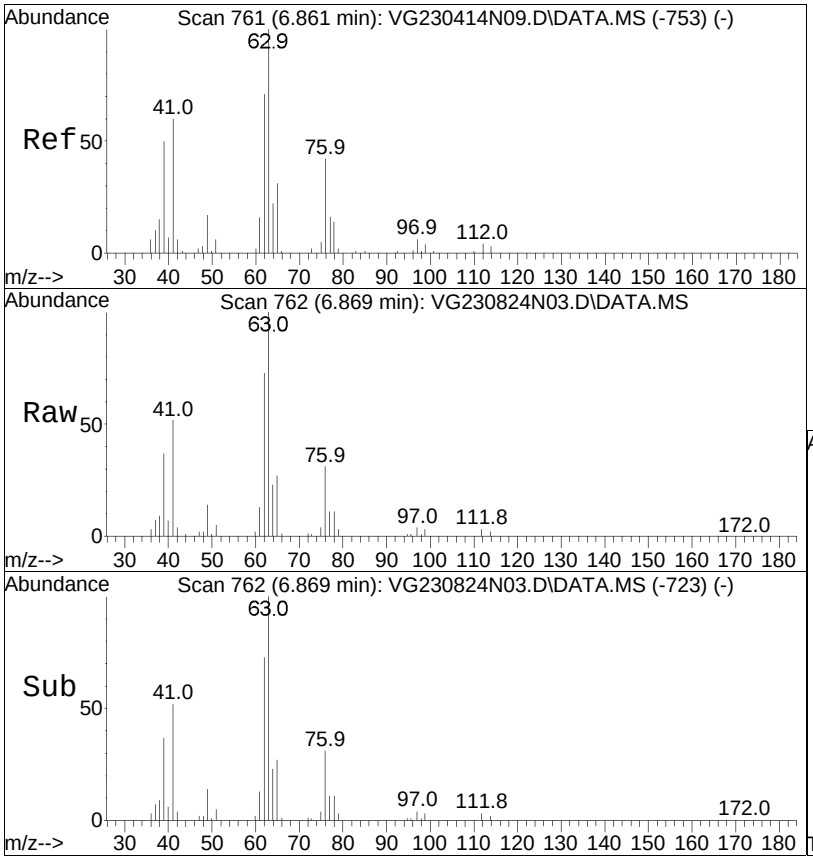


#48
Trichloroethene
Concen: 8.89 ug/L
RT: 6.314 min Scan# 689
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 95 Resp: 152259

Ion	Ratio	Lower	Upper
95	100		
97	67.2	54.0	81.0
130	101.5	85.0	127.4

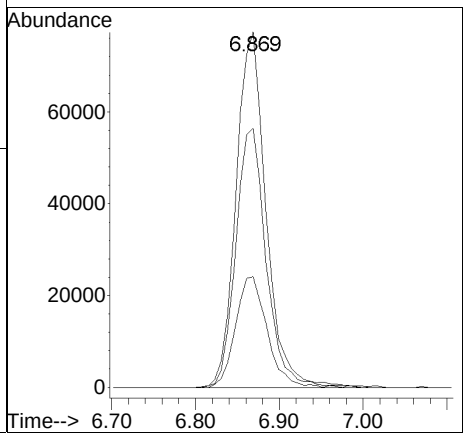


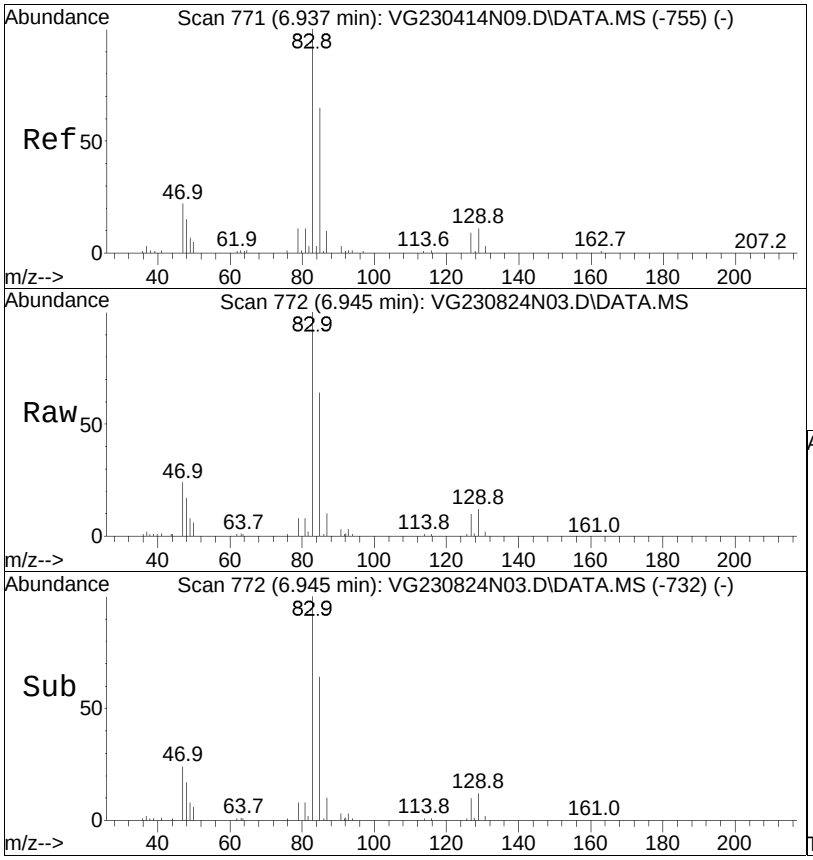


#51
1,2-Dichloropropane
Concen: 11.66 ug/L
RT: 6.869 min Scan# 762
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 63 Resp: 192763

Ion	Ratio	Lower	Upper
63	100		
62	73.8	56.5	84.7
76	32.7	34.6	52.0#

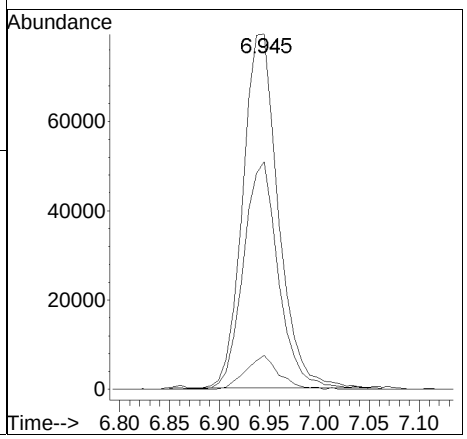


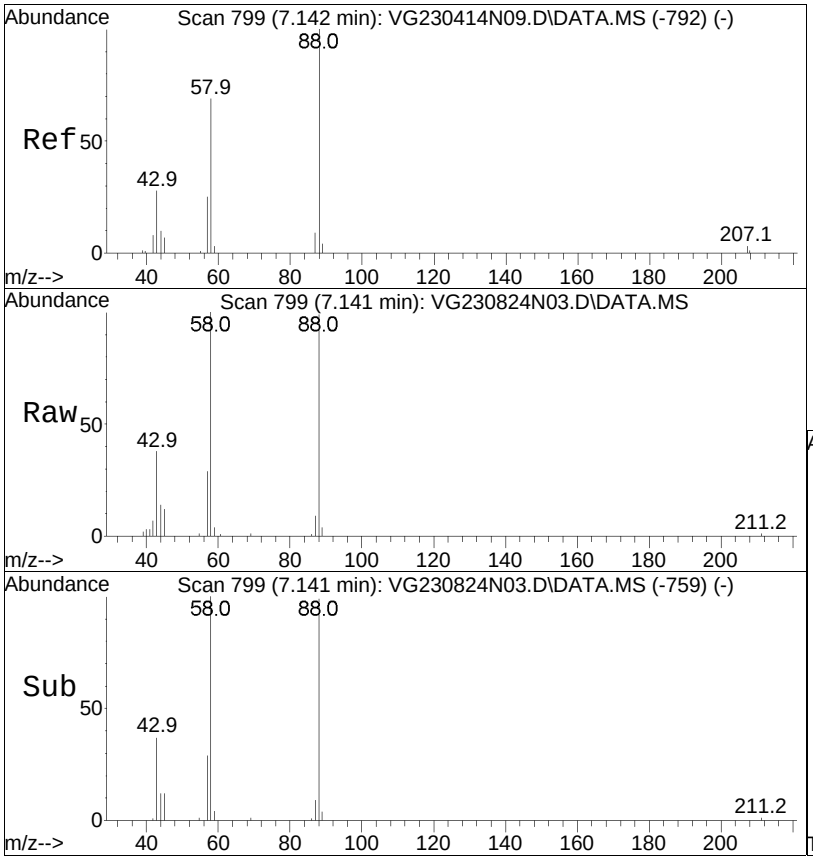


#54
Bromodichloromethane
Concen: 10.00 ug/L
RT: 6.945 min Scan# 772
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 83 Resp: 194678

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.8	76.2
127	9.1	7.4	11.2

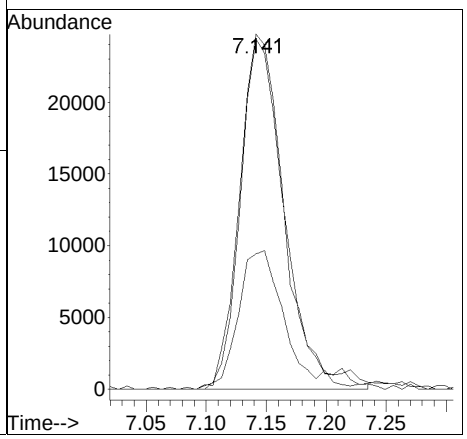


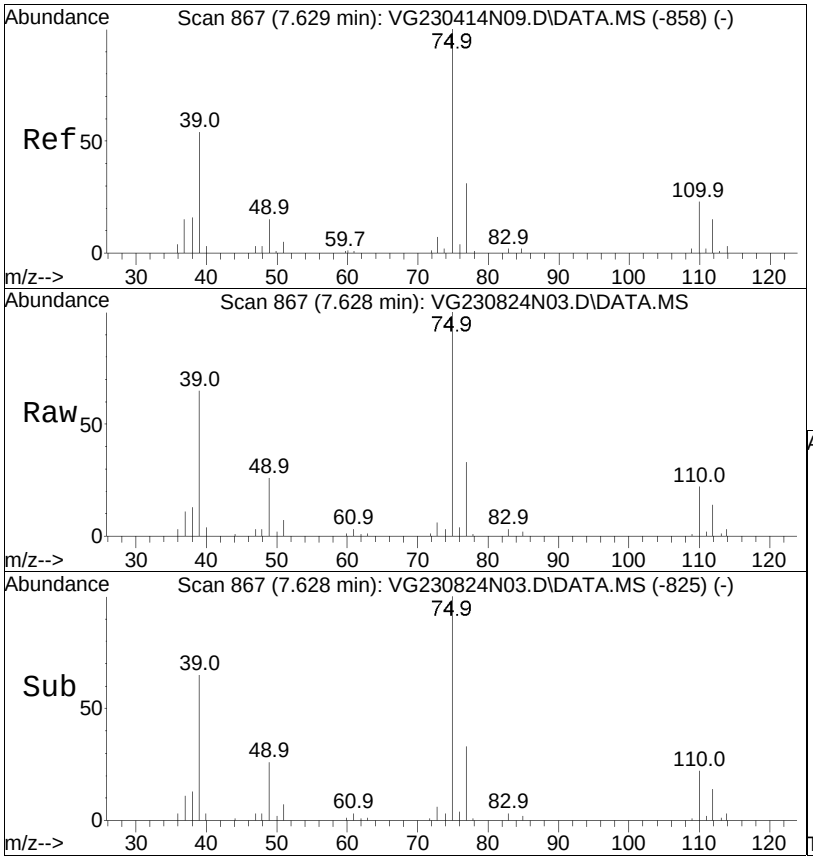


#57
1,4-Dioxane
Concen: 418.09 ug/L
RT: 7.141 min Scan# 799
Delta R.T. -0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 88 Resp: 62338

Ion	Ratio	Lower	Upper
88	100		
58	100.8	48.7	73.1#
43	41.8	22.4	33.6#

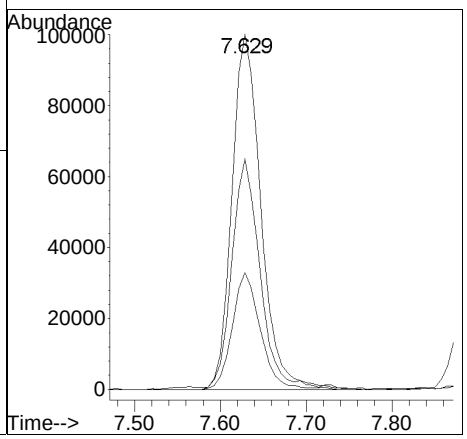


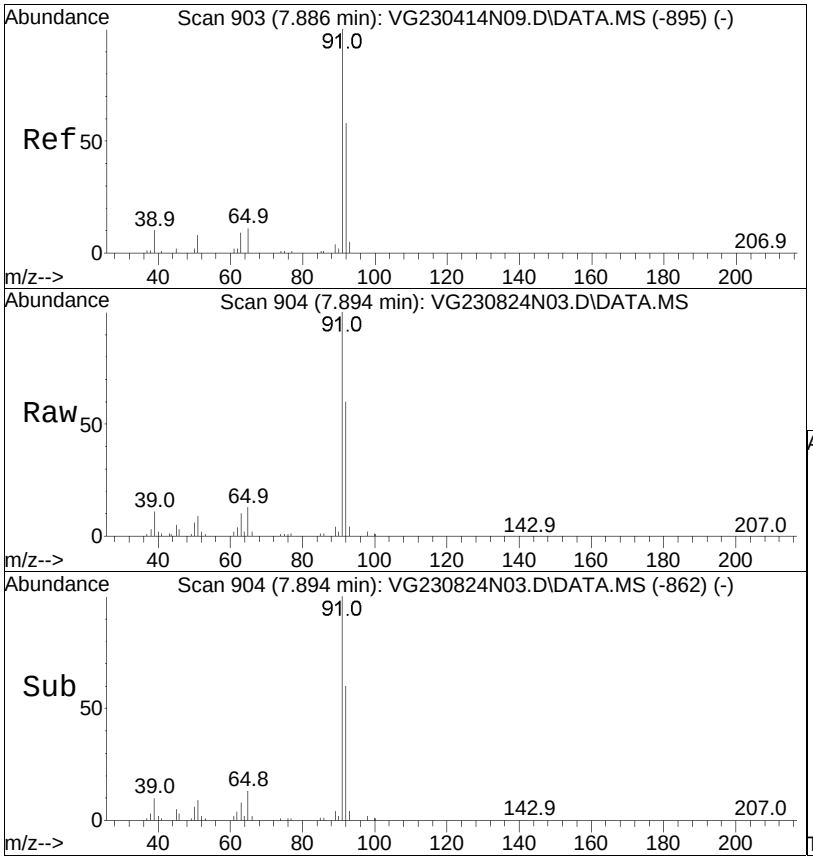


#58
cis-1,3-Dichloropropene
Concen: 9.84 ug/L
RT: 7.628 min Scan# 867
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 75 Resp: 235881

Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	36.8
39	61.1	40.8	61.2

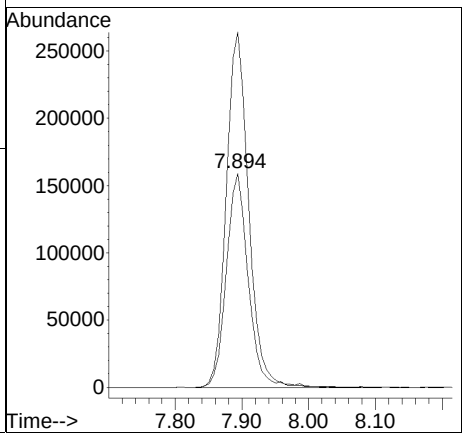


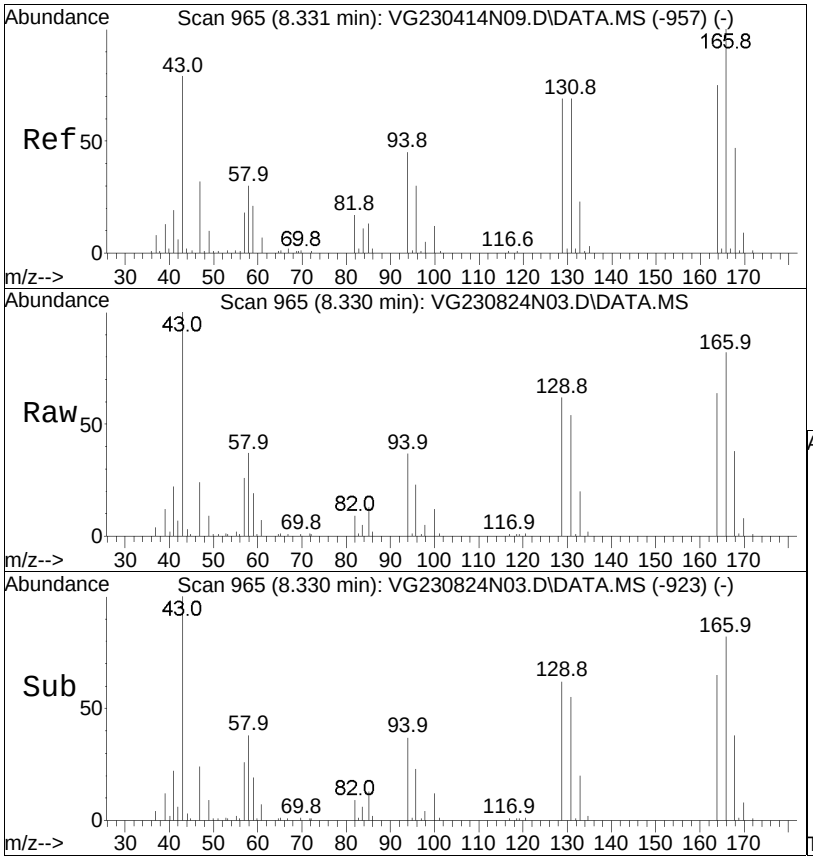


#61
Toluene
Concen: 9.50 ug/L
RT: 7.894 min Scan# 904
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 92 Resp: 363555

Ion	Ratio	Lower	Upper
92	100		
91	168.7	134.8	202.2

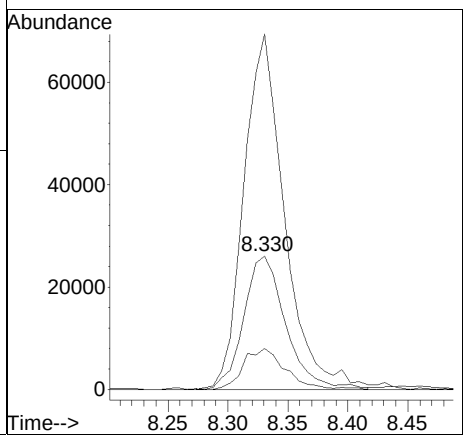


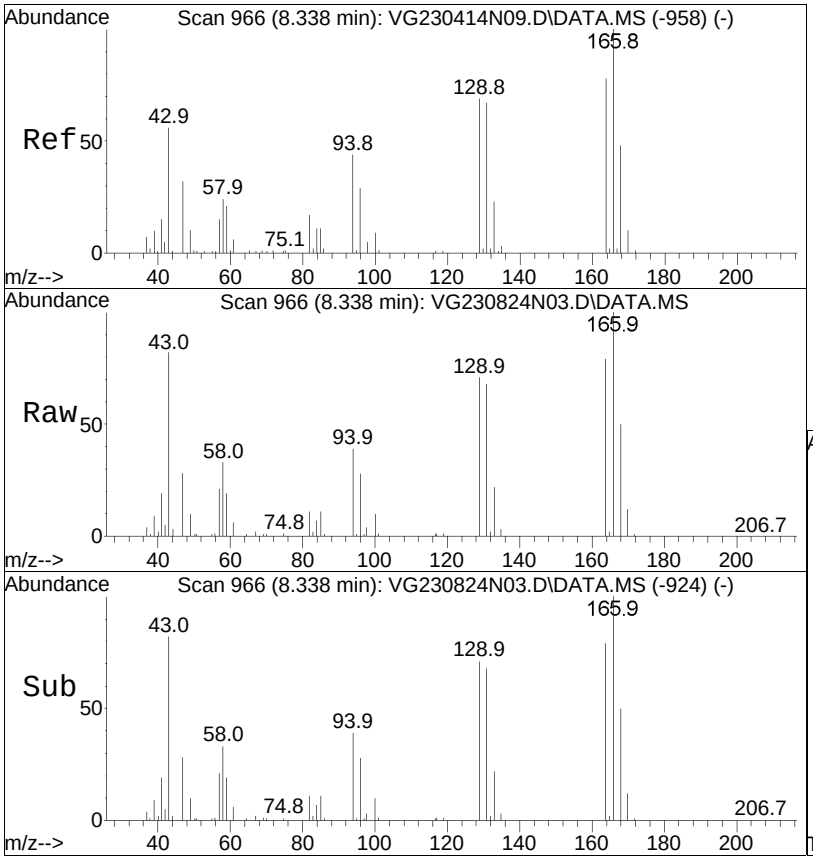


#62
4-Methyl-2-pentanone
Concen: 9.72 ug/L
RT: 8.330 min Scan# 965
Delta R.T. -0.001 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 58 Resp: 63520

Ion	Ratio	Lower	Upper
58	100		
100	30.3	33.6	50.4#
43	258.2	204.3	306.5

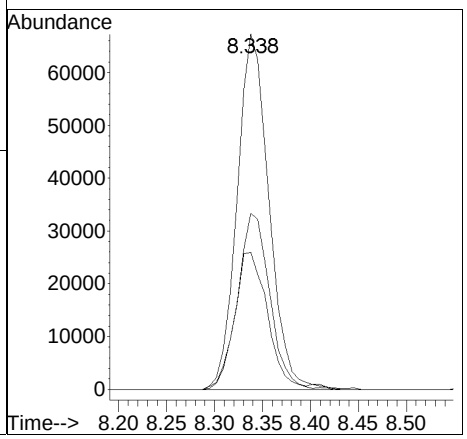


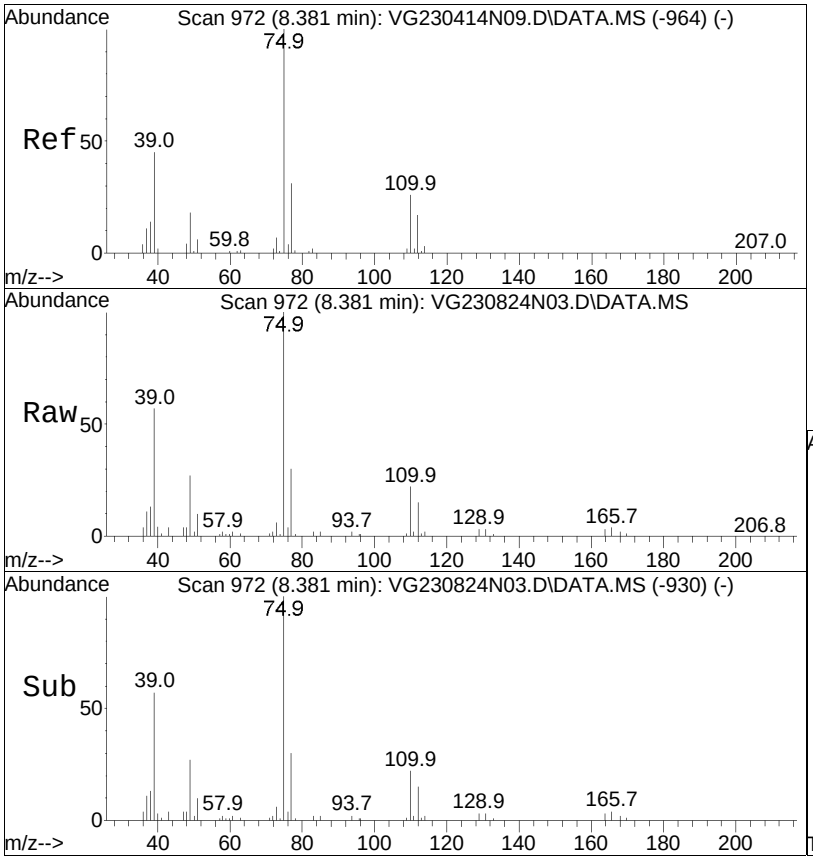


#63
Tetrachloroethene
Concen: 9.29 ug/L
RT: 8.338 min Scan# 966
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:166 Resp: 155438

Ion	Ratio	Lower	Upper
166	100		
168	50.2	27.3	67.3
94	40.2	20.5	60.5

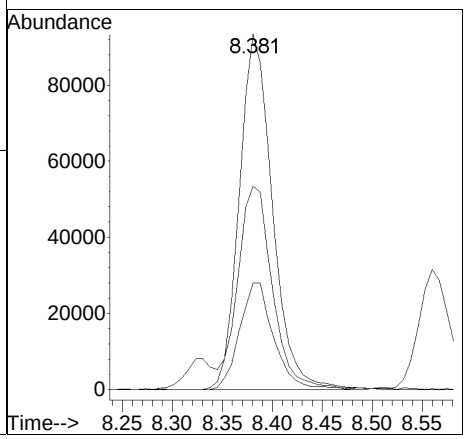


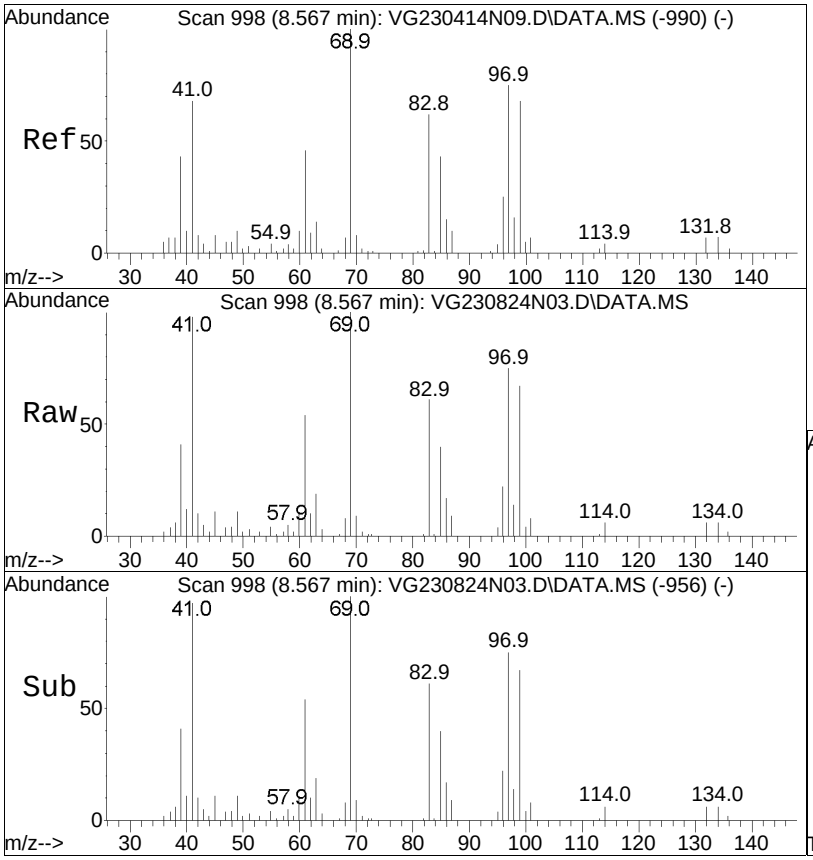


#65
trans-1,3-Dichloropropene
Concen: 9.17 ug/L
RT: 8.381 min Scan# 972
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 75 Resp: 215604

Ion	Ratio	Lower	Upper
75	100		
77	30.7	11.3	51.3
39	58.6	36.0	76.0

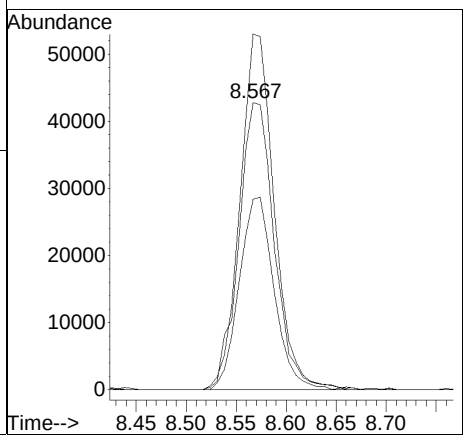


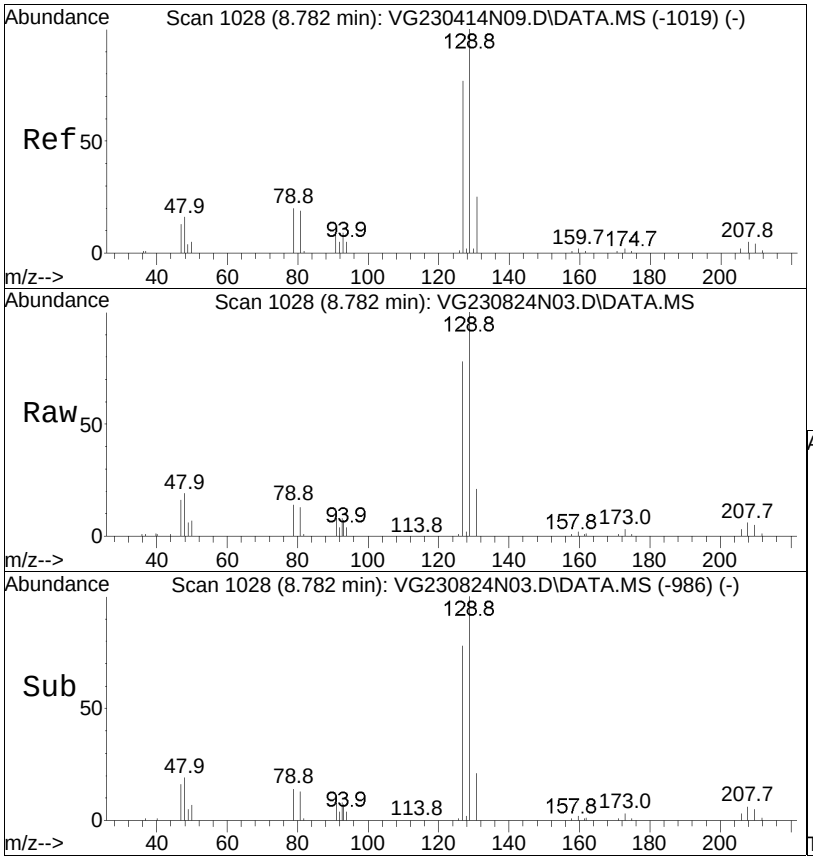


#68
1,1,2-Trichloroethane
Concen: 9.42 ug/L
RT: 8.567 min Scan# 998
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 83 Resp: 105691

Ion	Ratio	Lower	Upper
83	100		
97	118.7	101.0	141.0
85	65.6	47.9	87.9

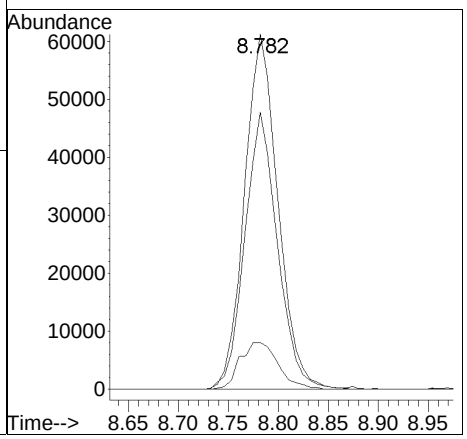


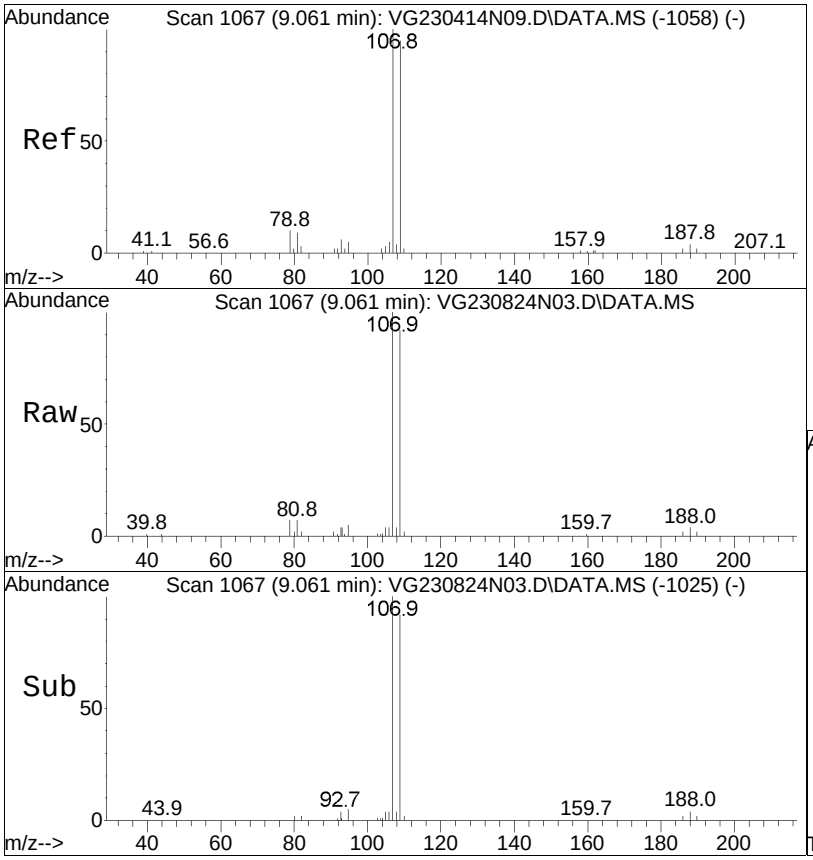


#69
Chlorodibromomethane
Concen: 9.52 ug/L
RT: 8.782 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:129 Resp: 142802

Ion	Ratio	Lower	Upper
129	100		
81	15.2	0.0	35.0
127	76.1	57.1	97.1

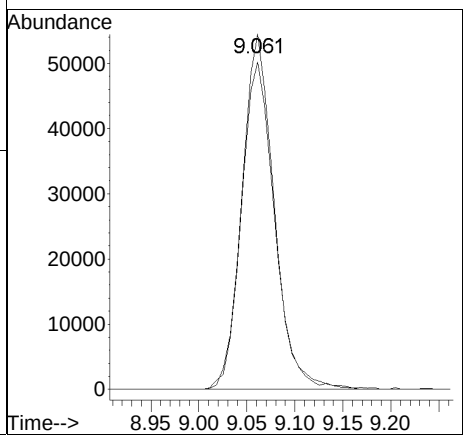


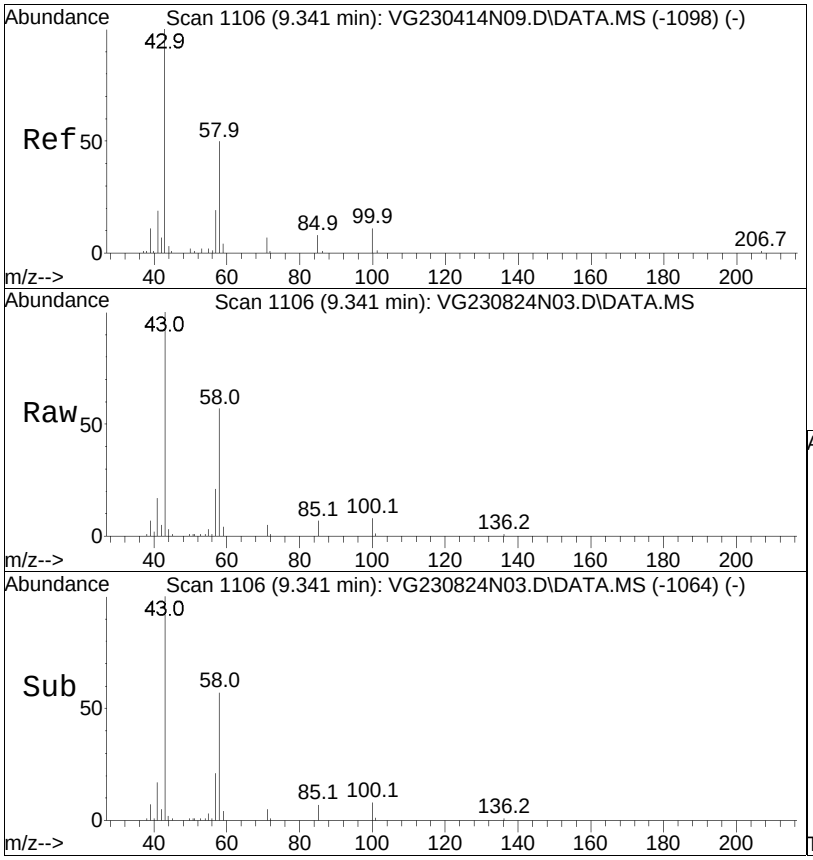


#71
1,2-Dibromoethane
Concen: 9.63 ug/L
RT: 9.061 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:107 Resp: 127255

Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.0	114.0

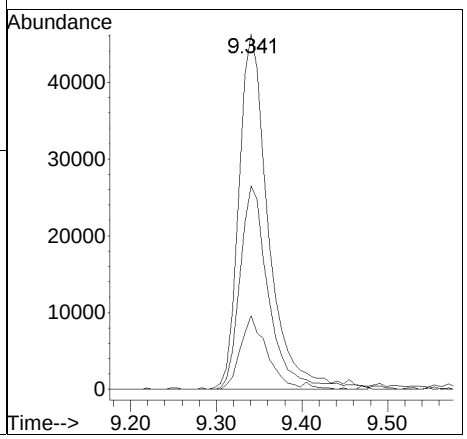


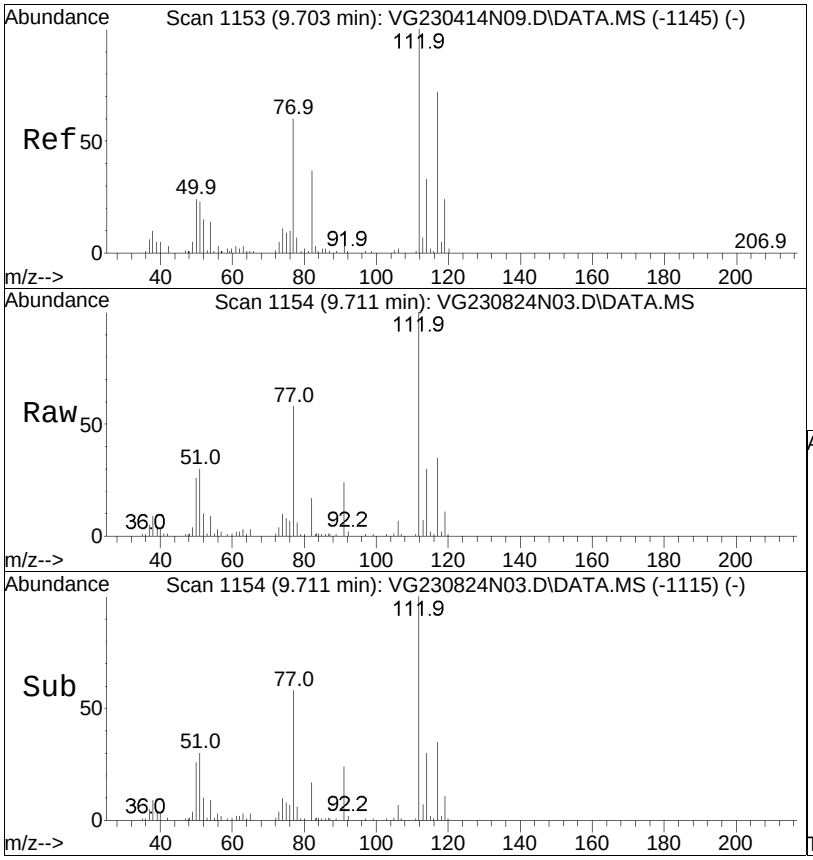


#72
2-Hexanone
Concen: 8.08 ug/L
RT: 9.341 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 43 Resp: 111504

Ion	Ratio	Lower	Upper
43	100		
58	56.3	43.8	65.6
57	18.4	15.2	22.8

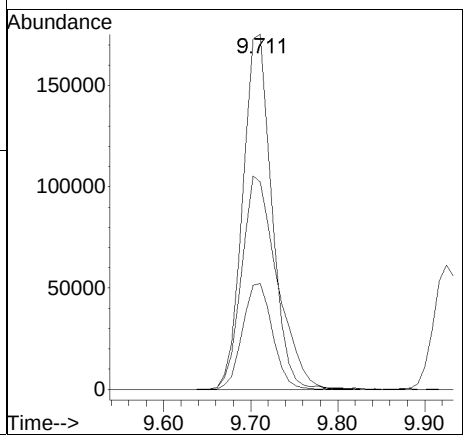


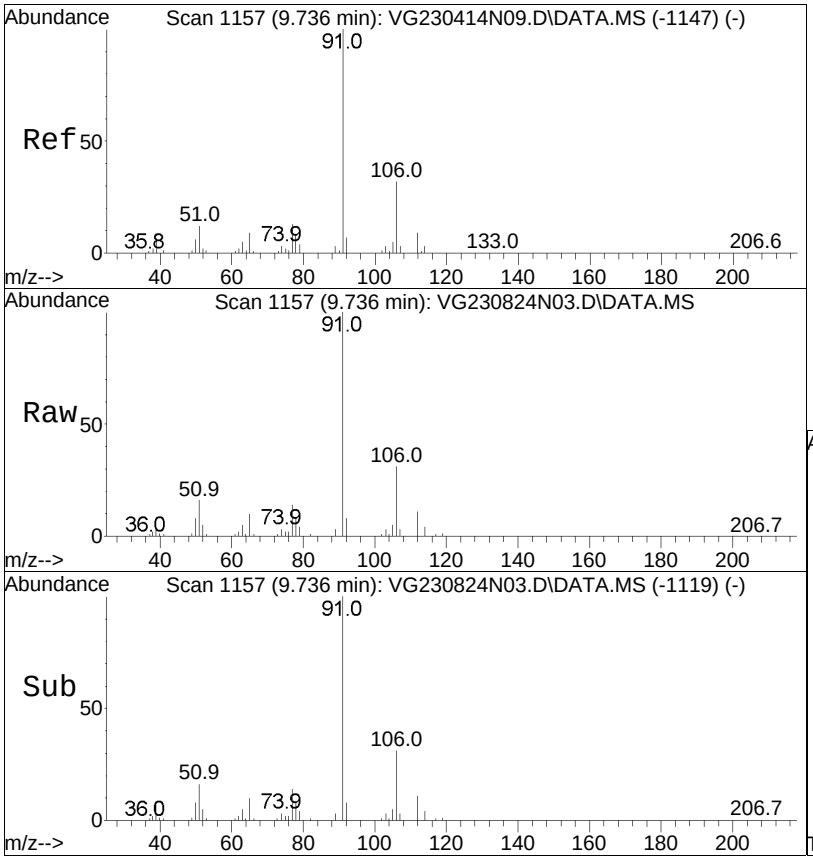


#73
Chlorobenzene
Concen: 10.00 ug/L
RT: 9.711 min Scan# 1154
Delta R.T. 0.008 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:112 Resp: 404721

Ion	Ratio	Lower	Upper
112	100		
77	74.8	55.9	83.9
114	31.0	25.4	38.0

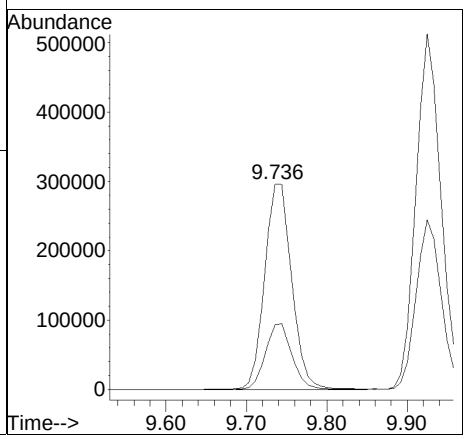


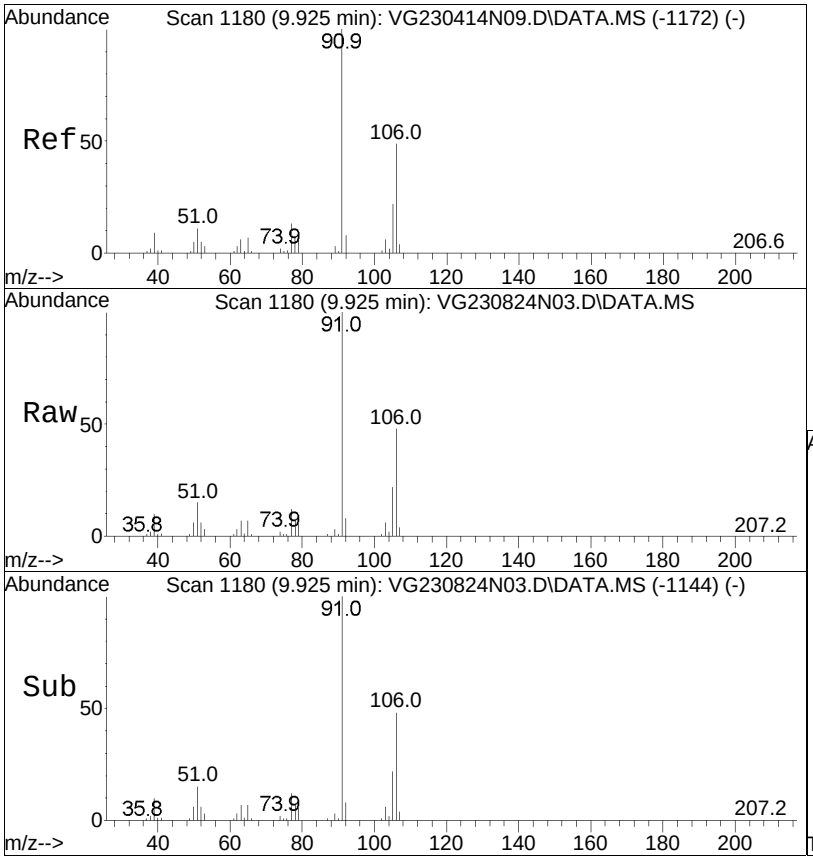


#74
Ethylbenzene
Concen: 9.52 ug/L
RT: 9.736 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 91 Resp: 694401

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.3	37.9

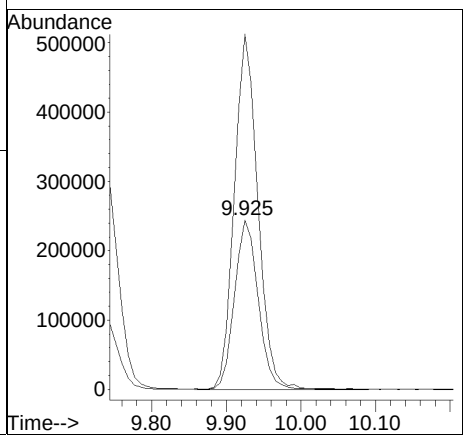


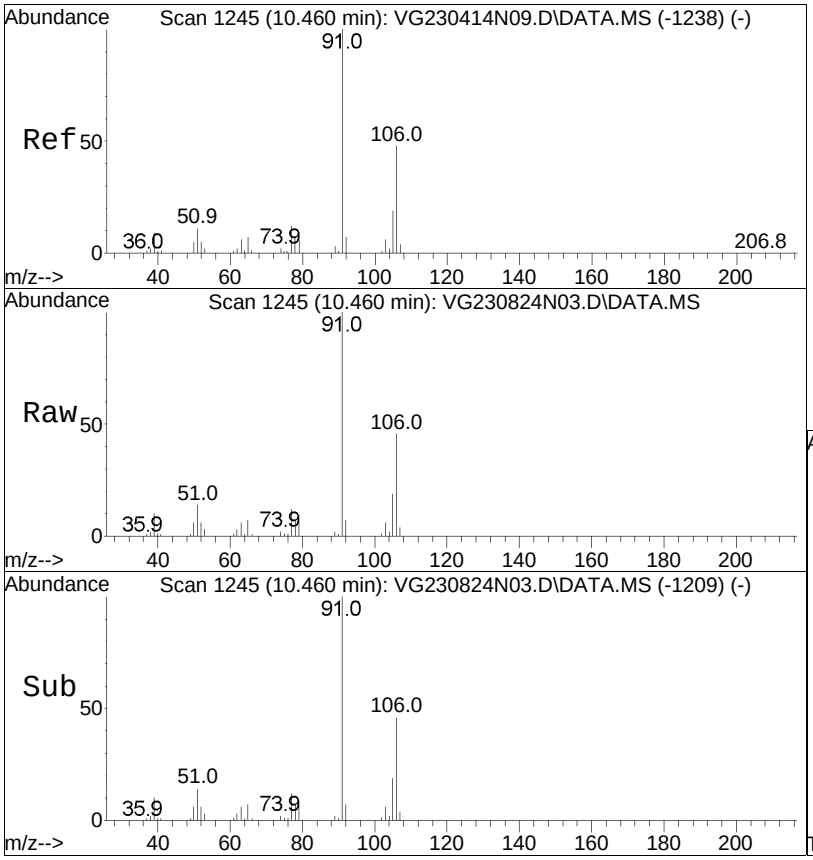


#76
p/m Xylene
Concen: 19.40 ug/L
RT: 9.925 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:106 Resp: 539844

Ion	Ratio	Lower	Upper
106	100		
91	207.1	157.1	235.7

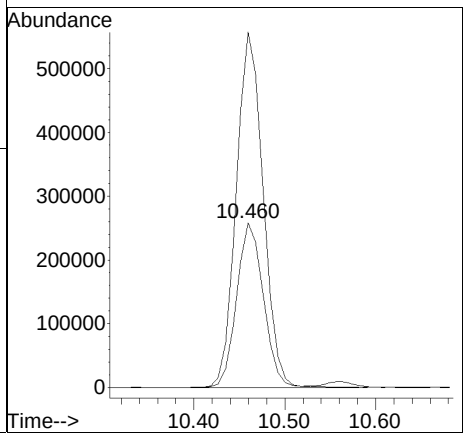


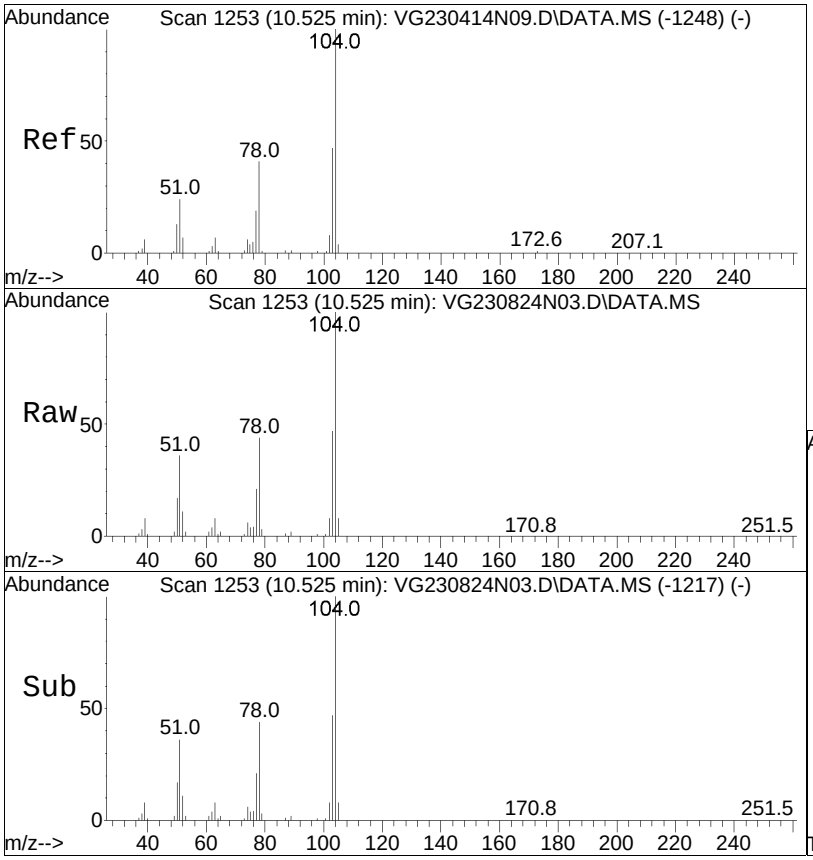


#77
o Xylene
Concen: 19.77 ug/L
RT: 10.460 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:106 Resp: 529241

Ion	Ratio	Lower	Upper
106	100		
91	215.8	164.7	247.1

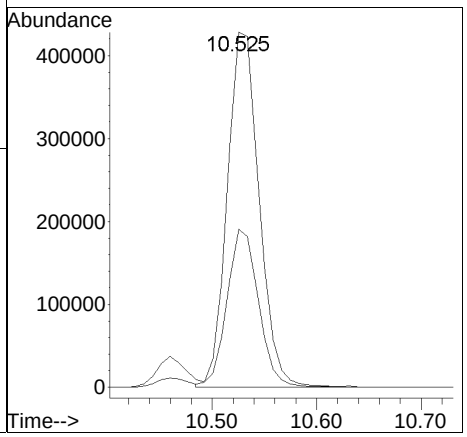


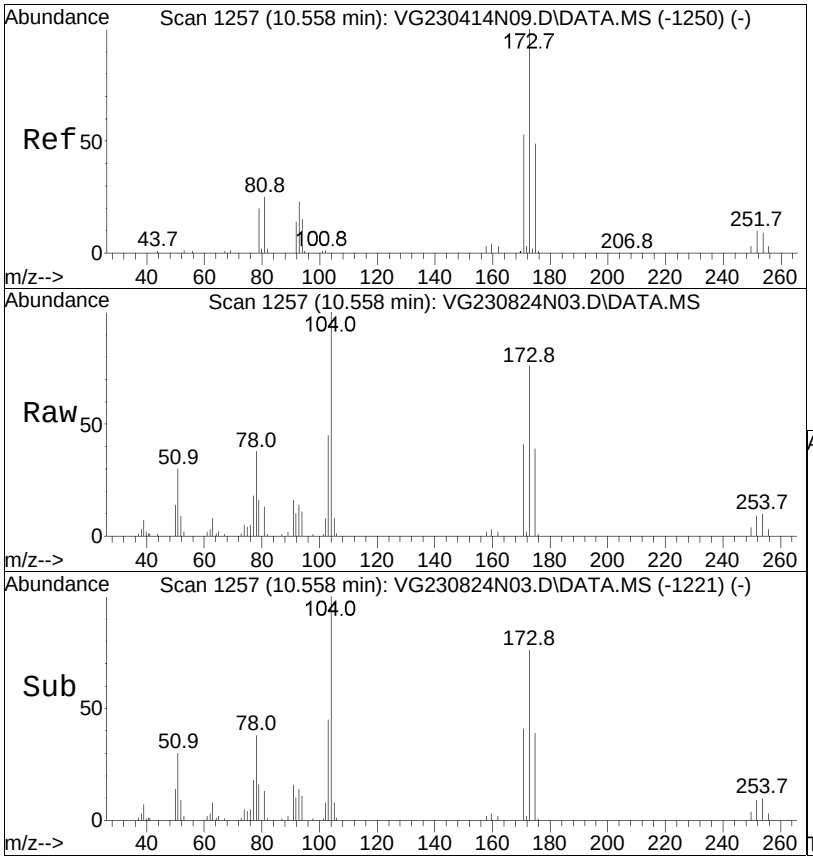


#78
Styrene
Concen: 19.64 ug/L
RT: 10.525 min Scan# 1253
Delta R.T. -0.001 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:104 Resp: 907773

Ion	Ratio	Lower	Upper
104	100		
78	44.1	32.2	48.4

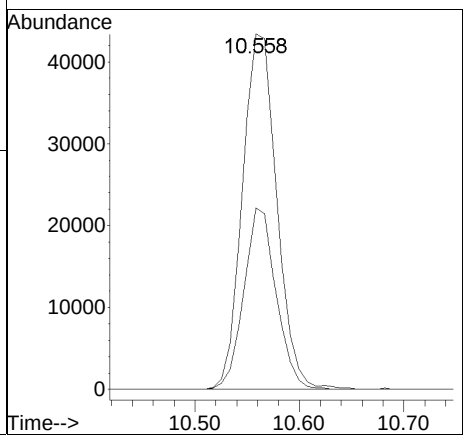


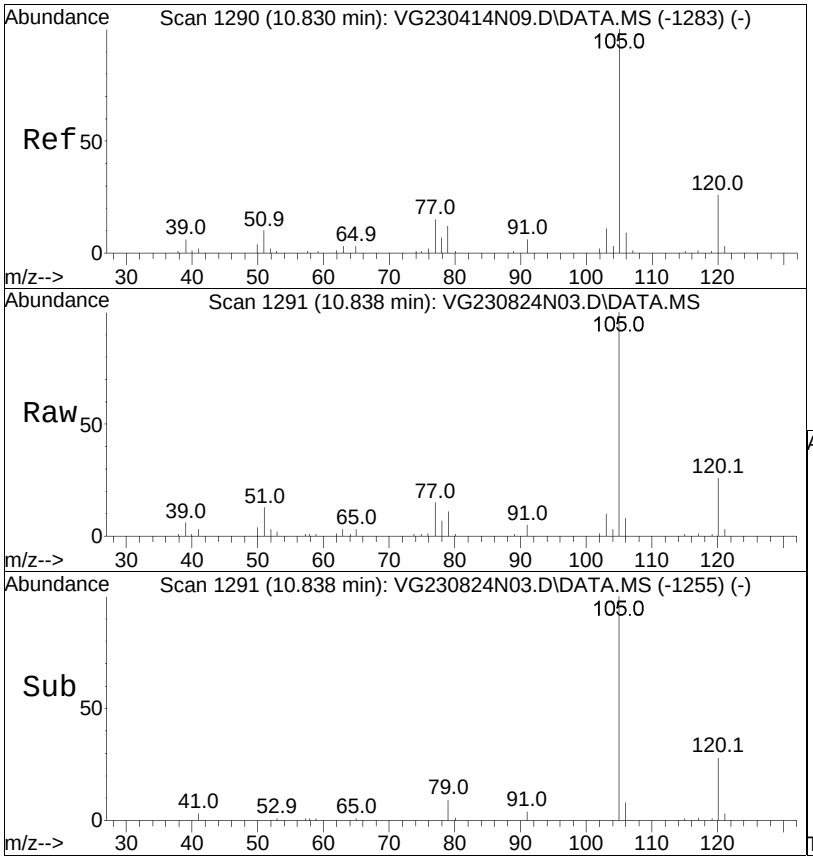


#80
Bromoform
Concen: 8.80 ug/L
RT: 10.558 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:173 Resp: 99398

Ion	Ratio	Lower	Upper
173	100		
175	48.0	28.0	68.0

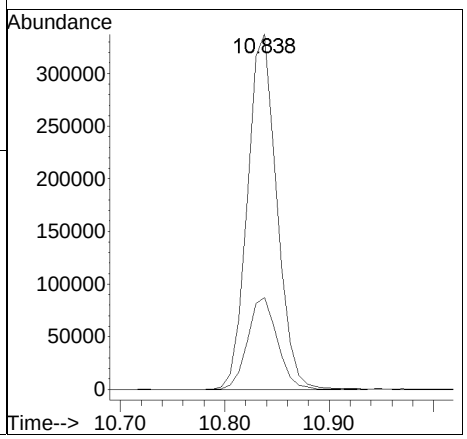


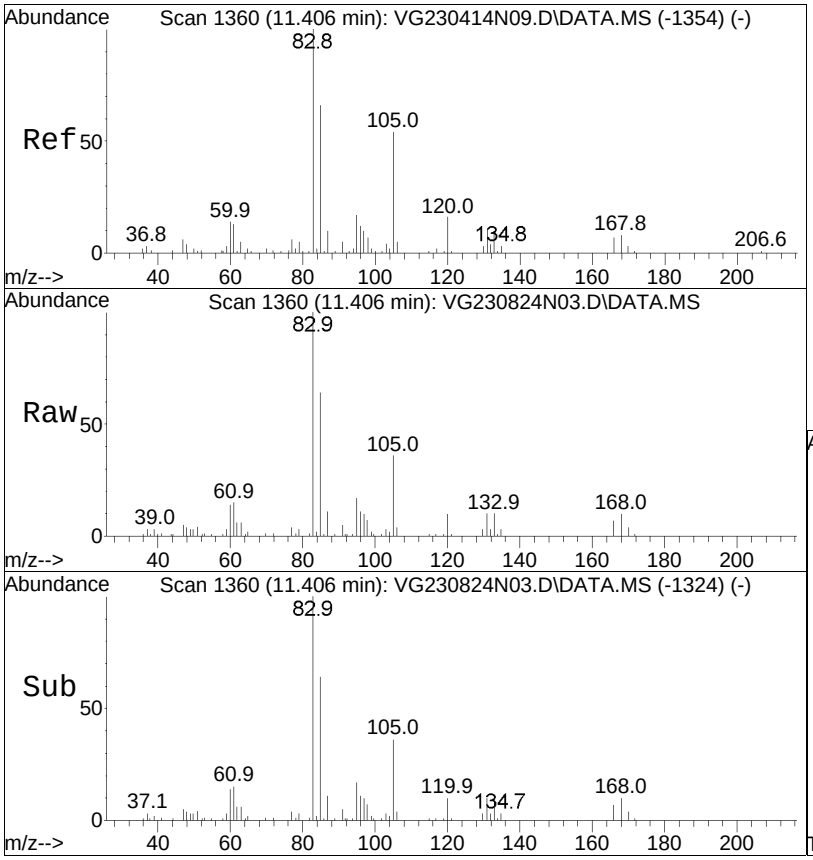


#82
Isopropylbenzene
Concen: 8.99 ug/L
RT: 10.838 min Scan# 1291
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:105 Resp: 658910

Ion	Ratio	Lower	Upper
105	100		
120	26.1	7.0	47.0

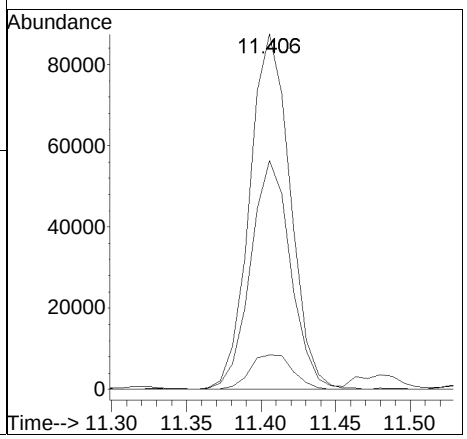


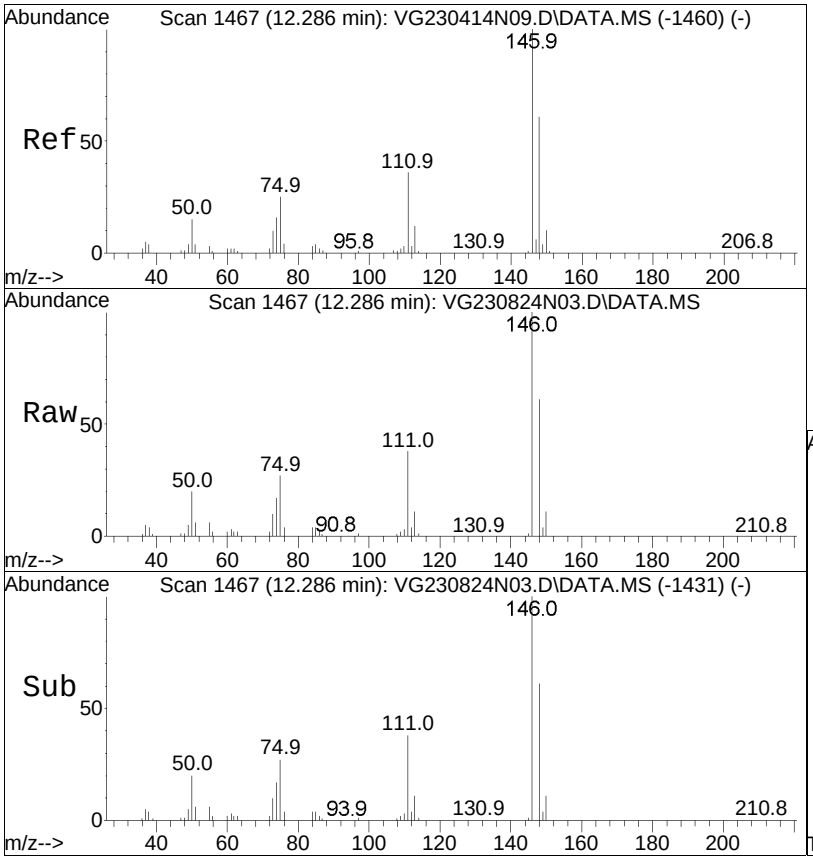


#87
1,1,2,2-Tetrachloroethane
Concen: 10.69 ug/L
RT: 11.406 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion: 83 Resp: 165672

Ion	Ratio	Lower	Upper
83	100		
131	10.4	0.0	31.0
85	63.9	43.9	83.9

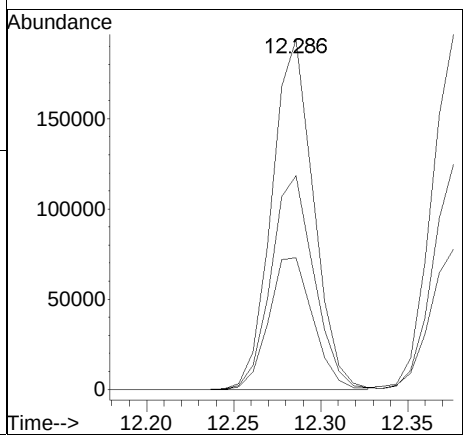


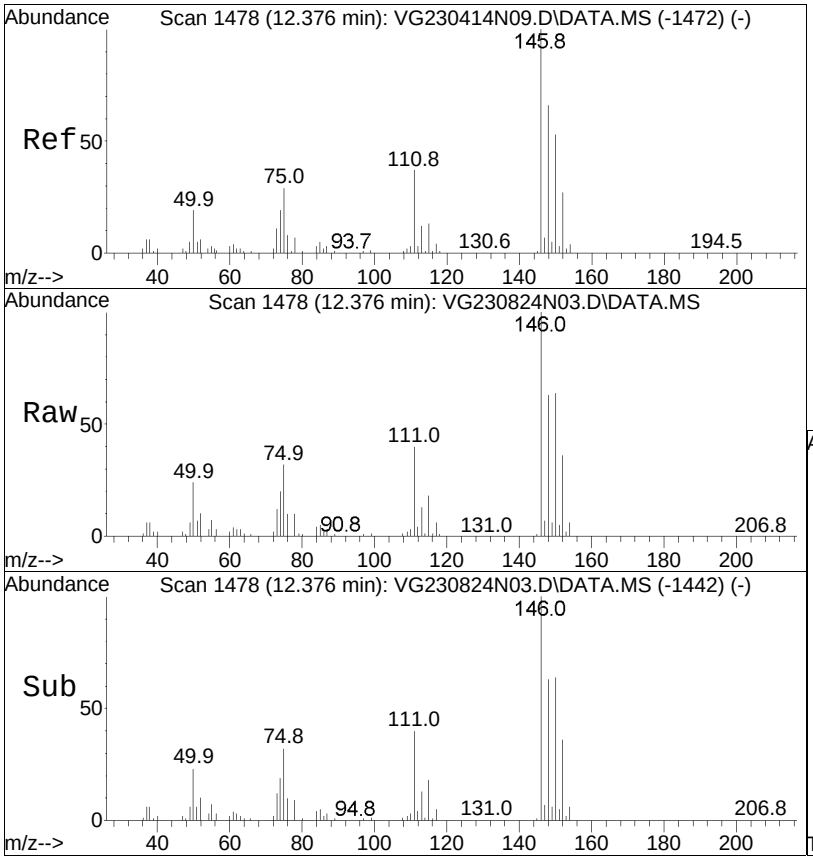


#100
1,3-Dichlorobenzene
Concen: 9.17 ug/L
RT: 12.286 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:146 Resp: 323072

Ion	Ratio	Lower	Upper
146	100		
111	40.0	24.4	50.6
148	62.9	41.0	85.2

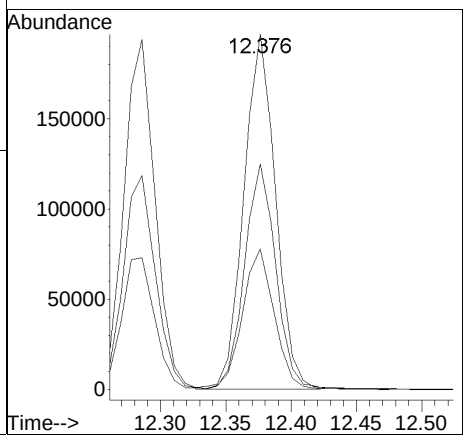


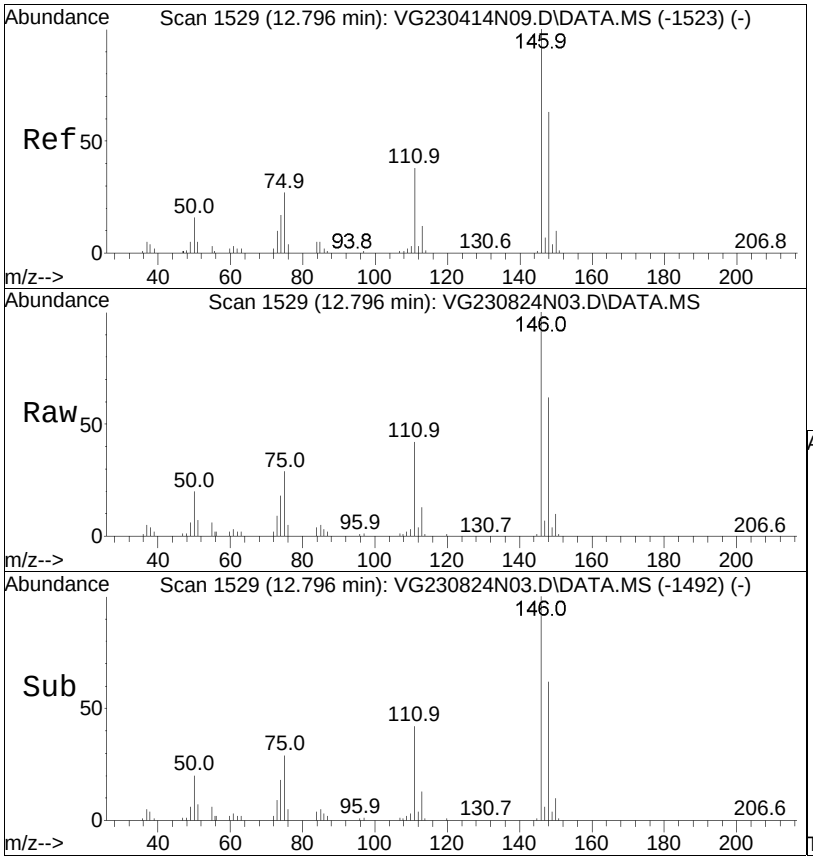


#101
1,4-Dichlorobenzene
Concen: 9.19 ug/L
RT: 12.376 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:146 Resp: 331469

Ion	Ratio	Lower	Upper
146	100		
111	39.9	29.3	43.9
148	62.9	51.2	76.8

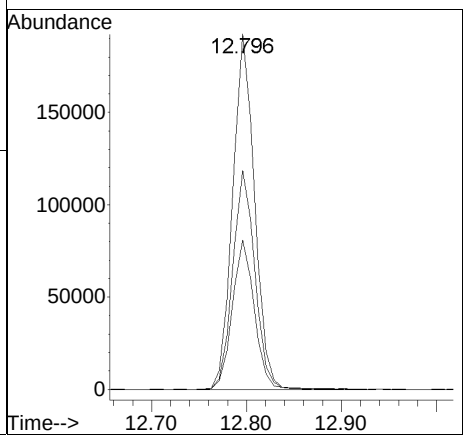


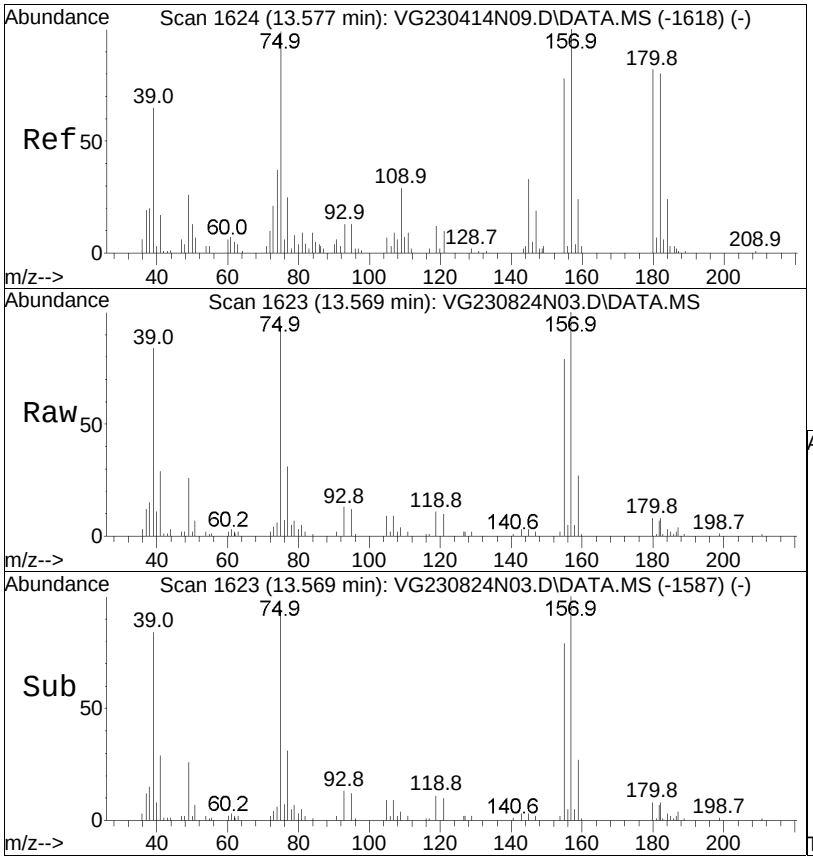


#104
1,2-Dichlorobenzene
Concen: 9.05 ug/L
RT: 12.796 min Scan# 1529
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:146 Resp: 309230

Ion	Ratio	Lower	Upper
146	100		
111	42.1	25.4	52.8
148	62.3	41.7	86.5

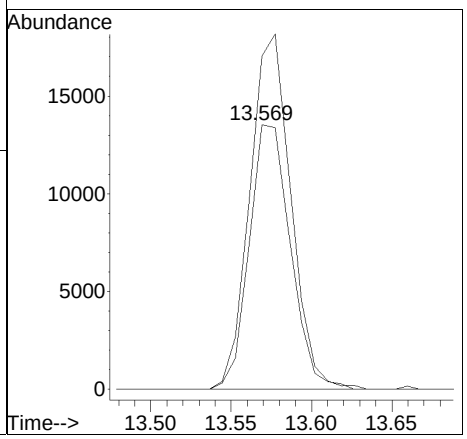


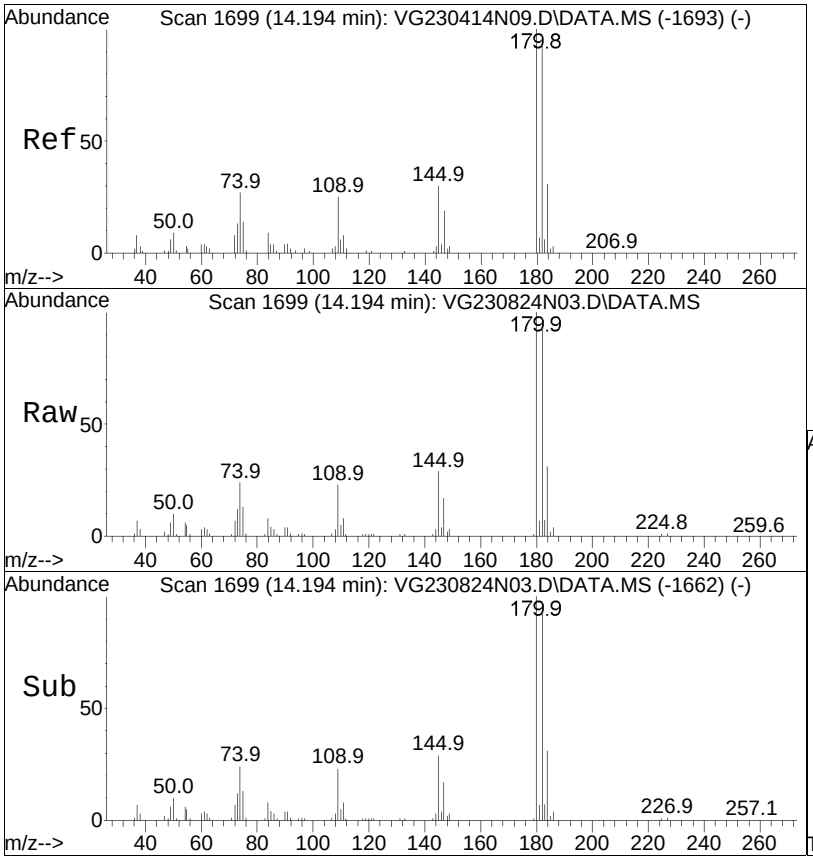


#106
1,2-Dibromo-3-chloropropane
Concen: 7.91 ug/L
RT: 13.569 min Scan# 1623
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:155 Resp: 24239

Ion	Ratio	Lower	Upper
155	100		
157	133.3	99.9	149.9

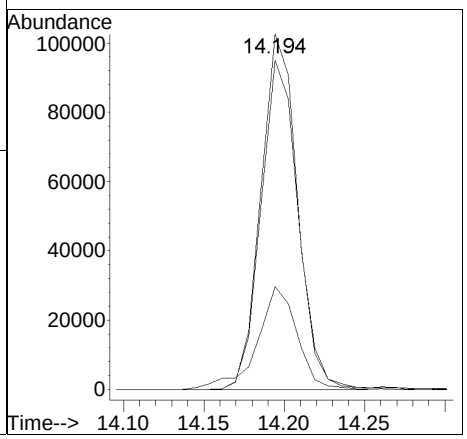


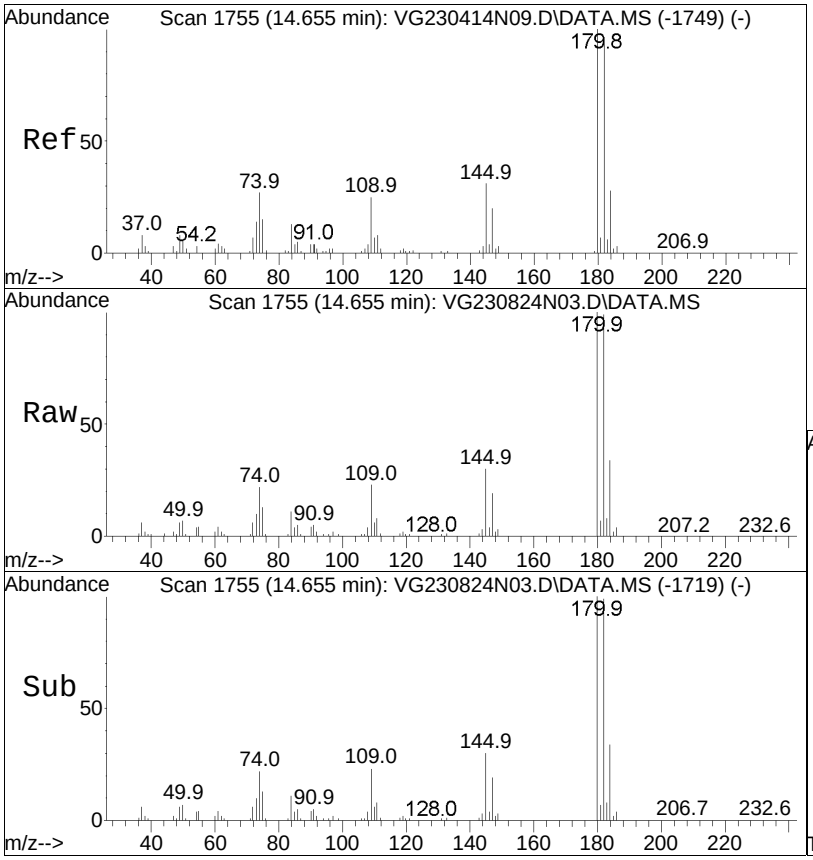


#109
1,2,4-Trichlorobenzene
Concen: 8.36 ug/L
RT: 14.194 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:180 Resp: 163225

Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.7	115.1
145	31.4	26.5	39.7

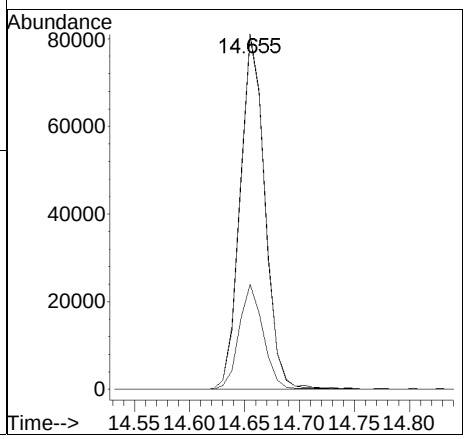




#111
1,2,3-Trichlorobenzene
Concen: 8.02 ug/L
RT: 14.655 min Scan# 1755
Delta R.T. -0.000 min
Lab File: VG230824N03.D
Acq: 24 Aug 2023 7:02 pm

Tgt Ion:180 Resp: 127734

Ion	Ratio	Lower	Upper
180	100		
182	98.7	77.0	115.4
145	28.7	24.1	36.1



Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Aug 25 2023, 01:45 pm

Work Group: WG1820053 for Department: 31 GC/MS - Volatiles

Created: 25-AUG-23 Due: Operator: mjv

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2347741-18	MW-28	S	NYSTARS-8260	WATER	SEC	U	0830	0831	S0	Vial-B
L2347741-19	MW-29	S	NYSTARS-8260	WATER	DONE	U	0830	0831	S0	Vial-B
L2348770-01	MW-10	S	NYTCL-8260-R2	WATER	DONE	U	0905	0829	S0	Vial-B
L2348770-02	BR-2	S	NYTCL-8260-R2	WATER	DONE	U	0905	0829	S0	Vial-B
L2348770-03	MW-11	S	NYTCL-8260-R2	WATER	DONE	U	0905	0829	S0	Vial-B
L2348770-04	MW-9	S	NYTCL-8260-R2	WATER	DONE	U	0905	0829	S0	Vial-B
L2348770-05	MW-2	S	NYTCL-8260-R2	WATER	DONE	U	0905	0829	S0	Vial-B
L2348770-06	TB08222023	S	NYTCL-8260-R2	WATER	DONE	U	0905	0829	S0	Vial-B
L2348770-07	DUP08222023	S	NYTCL-8260-R2	WATER	DONE	U	0905	0829	S0	Vial-B
L2348789-03	TANK 22	S	NYTCL-8260-R2	WATER	DONE	U	0904	0825	3C	Vial-B
L2348789-04	TANK 25	S	NYTCL-8260-R2	WATER	DONE	U	0904	0825	3C	Vial-B
WG1820053-1	MS BFB Tune Standard	S	NYTCL-8260-R2	WATER	DONE	U				
WG1820053-1	MS BFB Tune Standard	S	NYSTARS-8260	WATER	DONE	U				
WG1820053-2	Continuing Calibrati	S	NYTCL-8260-R2	WATER	DONE	U				
WG1820053-2	Continuing Calibrati	S	NYSTARS-8260	WATER	DONE	U				
WG1820053-3	Laboratory Control S	S	NYTCL-8260-R2	WATER	DACQ	U				
WG1820053-3	Laboratory Control S	S	NYSTARS-8260	WATER	DONE	U				
WG1820053-4	LCS Duplicate	S	NYSTARS-8260	WATER	DONE	U				
WG1820053-4	LCS Duplicate	S	NYTCL-8260-R2	WATER	DACQ	U				
WG1820053-5	Laboratory Method Bl	S	NYTCL-8260-R2	WATER	DACQ	U				
WG1820053-5	Laboratory Method Bl	S	NYSTARS-8260	WATER	DONE	U				

Comments:

WG1820053-4 WG1820053-3

Inst: Gonzo BFB: V9822 Method GC 8260_RTX_VMS

Initials: TMS/MAG IS/SS: V9831 Autosampler: 8260

Date: **07/26/23** ICAL: V9826A,V9820 Concentrator: 8260

Run: **N** ICV: V9809, V9795, V9796, V9827, V9828, V9797 QC: ____ Seq:

Vial	DATA FILE	SAMPLE	pH<2
1	VG230726NBF2	BFB TUNE	
1	VG230726N01	BLK	
2	VG230726N02	BLK	
3	VG230726N03	I8260STD0.19PPB	
4	VG230726N04	I8260STD0.19PPB	
5	VG230726N05	I8260STD0.5PPB	
6	VG230726N06	I8260STD0.5PPB	
7	VG230726N07	I8260STD2PPB	
8	VG230726N08	I8260STD2PPB	
9	VG230726N09	I8260STD10PPB	
10	VG230726N10	I8260STD30PPB	
11	VG230726N11	I8260STD80PPB	
12	VG230726N12	I8260STD120PPB	
13	VG230726N13	I8260STD200PPB	
14	VG230726N14	BLK	
15	VG230726N15	BLK	
16	VG230726N16	BLK	
17	VG230726N17	BLK	
18	VG230726N18	C8260STD10PPB	
19	VG230726N19	C8260STD10PPB	
20	VG230726N20	BLK	
21	VG230726N21	BLK	
22	VG230726N22	METHOD BLK	
23	VG230726N23	MDL LVL11	
24	VG230726N24	MDL LVL1	
25	VG230726N25	MDL LVL2	
26	VG230726N26	BLK	

Inst: Gonzo
Initials: TMS
Date: **08/24/23**
Run: **N**

BFB: V9883
IS/SS: V9880
ICAL: V9862B,V9879

Method
GC 8260_RTX_VMS
Autosampler: 8260
Concentrator: 8260

QC: ____ Seq:

Vial	DATA FILE	SAMPLE			pH<2
1	VG230824NBF2	BFB TUNE			
1	VG230824N01	8260 CCAL SUBLIST FAILS			
2	VG230824N02	8260 CCAL LCS			
3	VG230824N03	8260 CCAL LCSD			
4	VG230824N04	BLK			
5	VG230824N05	METHOD BLK			
6	VG230824N06	L2348526-03,31,10,10,,A	OH-8260	TB	pH<2
7	VG230824N07	L2348526-02,31,10,10,,A	OH-8260		pH<2
8	VG230824N08	L2348526-01,31,10,10,,A	OH-8260		pH<2
9	VG230824N09	L2348943-01,31,10,10,,A,R3C	NJ/TBA		pH<2
10	VG230824N10	L2348770-01,31,10,10,,A	NYCURVE/R2		pH<2
11	VG230824N11	L2348770-02,31,10,10,,A	NYCURVE/R2		pH<2
12	VG230824N12	L2348770-03,31,10,10,,A	NYCURVE/R2		pH<2
13	VG230824N13	L2348770-04D,31,5.0,10,,A	NYCURVE/R2		pH<2
14	VG230824N14	L2348770-05D,31,0.5,10,,A	NYCURVE/R2		pH<2
15	VG230824N15	L2348770-07,31,10,10,,A	NYCURVE/R2		pH<2
16	VG230824N16	L2348770-06,31,10,10,,A	NYCURVE/R2	TB	pH<2
17	VG230824N17	L2347561-07,31,10,10,,C	ME8260CURVE	HS	pH<2
18	VG230824N18	L2347561-13D,31,0.4,10,,C	ME8260CURVE		pH<2
19	VG230824N19	L2347561-17D,31,0.1,10,,C	ME8260CURVE		pH<2
20	VG230824N20	L2347816-05D,31,2.5,10,,C	NJ/BENZ,TBA		pH<2
21	VG230824N21	L2347816-06D,31,1.0,10,,C	NJ/EB		pH<2
22	VG230824N22	L2347741-18D,31,2.0,10,,C	NY/BENZ,EB		pH<2
23	VG230824N23	L2347741-19,31,10,10,,C	NYSTARS		pH<2
24	VG230824N24	BLK			
25	VG230824N25	L2348789-04D,31,1.0,10,,C,R3C	NY/R2		pH>2
26	VG230824N26	L2348789-03D,31,0.25,10,,C,R3C	NY/R2		pH>2
27	VG230824N27	L2348770-05DUP,31,0.5,10,,A	NJQC		pH<2
28	VG230824N28	L2348770-05MS,31,0.5,10,,A	NJQC		pH<2
29	VG230824N29	HSTD			
30	VG230824N30	BLK			
31	VG230824N31	BLK			
32	VG230824N32	BLK			
33	VG230824N33	BLK			

ATTACHMENT 3
SSDS Inspection Form

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, NY 12110

SSDS INSPECTION FORM

Project/No.	2014-45					Page 1 of 1		
Client:	New Paltz Plaza							
Inspector:	A. Castignetti and P. Scholar					Date: 8/22/2023 and 9/19/2023		
Instrument Used:	NA							
Measurements by:	A. Castignetti and P. Scholar							
Task:	Perform Annual (2023) SSDS Inspection							

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris Store	Metro* Mattress	TasTea*	Bagle Shop	Dollar Store
System Fan	X	X	X	X	X	X[1]	X	X
System Piping and Connections	X	X	X	X	X	X	X	X
Slab/System Interface Seals	X	X	X	X	X	X	X	X
Electrical Components	X	X	X	X	X	X	X	X
Pressure Gauges	X	X	X	X	X	X	X	X
Low Presure Alarm	X	X	X	X	X	X	X	X
Pressure Differential Reading	-13.5	-4	-27	-38	-2.5	-19	-12.5	-1

Notes:

X = No deficiencies observed.

1. System fan not functioning during initial inspection. Fan replaced on 09/19/2023.

*See attached map for store locations.

September 18, 2024 Groundwater Sampling and SSDS Inspection Report

Sterling Environmental Engineering, P.C.

September 18, 2024

Mr. Matthew Hubicki
NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-7014

Email: matthew.hubicki@dec.ny.gov

Subject: Annual Groundwater Sampling and SSDS Inspection
New Paltz Plaza, New Paltz, NY
Site No. V00087/356021
STERLING File #2014-45

Dear Mr. Hubicki,

Sterling Environmental Engineering, P.C. (STERLING) performed annual groundwater sampling and inspected the sub-slab depressurization systems (SSDSs) at the New Paltz Plaza on August 21, 2024. The groundwater sampling and inspections were completed per the October 2014 approved Site Management Plan (SMP).

Groundwater levels were measured, and groundwater samples were collected from the five (5) site monitoring wells (MW-2, MW-9, MW-10, MW-11, and BR-2) per the SMP. A summary of the groundwater levels is provided in Table 1, and a groundwater contour map prepared using the measured water levels is presented in Figure 1. Groundwater samples were collected using low-flow purging and sampling methodology. Temperature, pH, Specific Conductivity, Oxidation Reduction Potential (ORP) and Dissolved Oxygen (DO) were measured in the field. Groundwater samples were collected once field parameters stabilized. Field forms for groundwater sampling, water level measurements, and the daily field report are provided in Attachment 1.

Groundwater samples were analyzed for Volatile Organic Compounds (VOCs) using United States Environmental Protection Agency (USEPA) Method 8260 in accordance with the SMP. A duplicate sample was collected and analyzed from MW-11 for quality control.

Groundwater samples were analyzed by Alpha Analytical Laboratories, Inc. (Alpha). The results for VOCs detected at or above the laboratory reporting limit are summarized in Tables 2 through 6. Concentrations of total VOCs were consistent with historical concentrations with relatively minor variation. The laboratory analytical report is provided in Attachment 2. The groundwater analytical results and laboratory report will be included in the next Periodic Review Report (September 2025).

The SSDSs were inspected on August 21, 2024. SSDS locations are shown in Figure 2. All systems are currently operating properly. The results of the inspections are summarized on the inspection form in Attachment 3.

Please contact me should you have any questions.

Best Regards,
STERLING ENVIRONMENTAL ENGINEERING, P.C.



Thomas M. Johnson, P.G., C.P.G.
Senior Hydrogeologist
Thomas.Johnson@Sterlingenvironmental.com

TMJ/bc
Via Email
Attachments: Tables 1 – 6
Figures 1 & 2
Attachments 1, 2 and 3

cc: P. Kempner

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\Reports\SMP Monitoring\2024 SMP Monitoring Report\2024-09-18_SMP Monitoring Report.docx

TABLES

TABLE 1
Ground Water Elevations
Ground Water Monitoring Program
New Paltz Plaza

Well ID	Measuring Point Elevation	August 21, 2024	
		Depth to Water (ft.)	Water Level Elevation
MW-2	97.31	3.31	94.00
MW-9	92.04	3.41	88.63
MW-10	92.56	8.50	84.06
MW-11	92.52	9.44	83.08
BR-2	94.95	2.80	92.15

Notes:

1. Measuring point elevations are from 1/20/98 survey data, except for MW-11 and MW-12. MW-11 and MW-12 were surveyed on 8/30/2007. Elevations are relative to an arbitrary site datum of 100 feet.

2. Wells MW 1, MW-3, MW 4, MW 6, MW 7, MW 12, BR 1 and BR-4 were abandoned on December 4, 2014. Wells MW-2, MW-9, MW-10, MW-11 and BR-2 remain in place for continued monitoring.

3. Well BR-2 was repaired in 2021. Approximately 0.25 feet of steel casing was removed. Measuring Point Elevation is approximate.

TABLE 2

Well MW-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/5/1996	3/7/1996	3/19/1996	3/19/1996	3/22/1996	4/26/1996		2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998		2/26/1999	2/26/1999	2/26/1999
Halogenated Volatile Organics																		
Vinyl Chloride	<1000	U	<500	<500	<200	<2,000	<500	<1,000		21	20	<10	10	13		<10	<10	11
cis-1,2-Dichloroethene	<500	600	<500	<500	420	<1,000	260	280		160	200	100	150	150		120	120	130
1,1,1-Trichloroethane	<500	<500	550	750	590	<1,000	270	300		160	130	20	47	30		18	18	20
Trichloroethene	1,400	<500	<500	<500	<200	<1,000	160	<200		120	140	53	150	150		87	87	86
Tetrachloroethene	3,100	7,600	21,000	31,000	21,000	21,000	13,000	15,000		9,100	5,600	2,100	4,500	3,600		2,700	2,700	2,700
1, 1-Dichloroethane	<500	U	<500	U	U	U	<100	<200		6	4.0	<10	5.1J	<10		<10	<10	2.3
1, 1-Dichloroethene	<500	U	<500	U	U	U	<100	<200		12	7.0	<10	<10	<10		<10	<10	1.5
trans-1, 2-Dichloroethene	<500	U	<500	U	U	U	<100	<200		<1.0	2.0	<10	<10	<10		<10	<10	1.0
1,1,1,2-Tetrachloroethane	NA	U	NA	U	U	U	NA	NA		4.1	<1.0	<10	<10	<10		<10	<10	<1.0
Chloroethane	NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA		NA	<1.0	<1.0
TOTAL VOCs	**4500**	**8200**	**21550**	**31750**	**22010**	**21000**	**13690**	**15580**		**9583.1**	**6103**	**2273**	**4862.1**	**3943**		**2925**	**2925**	**2951.8**
		(Dup)		(Dup)														

	8/2/2001	8/2/2001	11/6/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection: November 2003	5/19/2004	11/16/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection: September 2006	12/14/2006	3/28/2007	6/21/2007
Halogenated Volatile Organics																		
Vinyl Chloride	31	25	<10	<10	<10	5.5	<10	5.6		60	19	37	110	620		40	37	67
cis-1,2-Dichloroethene	440	370	260	240	140	110	500	290		5200	53	87	370	1400		130	110	210
1,1,1-Trichloroethane	26	29	7.8J	7.1J	5.2J	20	13	29		20	<1.0	2.0	1.0	<1.0		1.0J	<5.0	<5.0
Trichloroethene	320	340	130	120	67	34	180	170		170	8.9	13	19	24		23	12	20
Tetrachloroethene	4,700	5,500	2,300	2,300	1,300	670	2,500	3,900		58	33	84	100	110		220	270	270
1, 1-Dichloroethane	<10	3.6	<10	<10	<10	1.2J	<10	<10		14	5.6	7.9	9.4	9		6	<5.0	5
1, 1-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		7.0	<1.0	<1.0	0.51J	<1.0		<5.0	<5.0	<5.0
trans-1, 2-Dichloroethene	<10	3.5	<10	<10	<10	<2.0	<10	<10		34	8.6	8.2	14	24		9	6	7
1,1,1,2-Tetrachloroethane	<10	<10	<10	<10	<10	<2.0	<10	<10		<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5	<5.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	24	20	14	2.0J		7	7	18
TOTAL VOCs	**5517**	**6274.6**	**2697.8**	**2667.1**	**1512.2**	**840.7**	**3193**	**4394.6**		**5563**	**152.1**	**259.1**	**637.9**	**2189**		**436**	**442**	**597**
												(DUP)		(DUP)				

	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016		9/5/2017	11/20/2018	11/20/2018	11/14/2019	11/14/2019		9/2/2021	8/10/2022	8/22/2023
Halogenated Volatile Organics																		
Vinyl Chloride	56	20	300	11	120	160	240	260		470	800 E	640	350	400		120	580	350
cis-1,2-Dichloroethene	250	60	900	35	300	1200	1200	1800		1900	3100 E	2600	2600	3000		1600	3100	2500
1,1,1-Trichloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<18	<50		<50	0.93 J	<62	<62	<62		<25	<50	<50
Trichloroethene	31	9	<25.0	<5.0	16	55	41	79		41	100	83	240	240		140	460	340
Tetrachloroethene	330	84	480	5.3	220	460	120	170		65	180	160	740	760		320	1000	870
1, 1-Dichloroethane	10	<5.0	<25.0	<5.0	2.9J	<50.0	<18	<50		<50	11	<62	<62	<62		<25	<50	<50
1, 1-Dichloroethene	<5.0	<5.0	<25.0	<5.0	<5.0	<10.0	<3.6	4.2 J		3.7 J	5.6	<12	<12	<12		<5.0	7.1 J	6 J
trans-1, 2-Dichloroethene	10	<5.0	<25.0	<5.0	5.9	<50.0	<18	14 J		24 J	24	25 J	<62	<62		10 J	23 J	21 J
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<25.0	<5.0	<5.0	<50.0	<3.6	<10		NA	NA	NA	NA	NA		<5.0	NA	NA
Chloroethane	16	13	<25.0	<10.0	<5.0	<50.0	<18	<50		<50	<2.5	<62	<62	<62		<25	<50	<50
TOTAL VOCs	**703**	**186**	**1680**	**51.3**	**664.8**	**1875**	**1601**	**2327.2**		**2503.7**	**4111.53**	**3508**	**3930**	**4400**		**2190**	**5170.1**	**4087**

Halogenated Volatile Organics	8/21/2024
Vinyl Chloride	250
cis-1,2-Dichloroethene	2900
1,1,1-Trichloroethane	<50
Trichloroethene	370
Tetrachloroethene	990
1, 1-Dichloroethane	<50
1, 1-Dichloroethene	5.9 J
trans-1, 2-Dichloroethene	23 J
1,1,1,2-Tetrachloroethane	<10
Chloroethane	<50
TOTAL VOCs	**4538.9**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NA = Sample not analyzed for indicated compound.
5. < = Compound was not detected at or above the given laboratory method detection limit.
6. All results are in micrograms per liter (ug/l, ppb).
7. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
8. D = Indicates a dilution of the sample was required for analysis.

TABLE 3

Well MW-9
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	1/20/1998	5/13/1998	8/26/1998	(Dup) 8/26/1998	12/3/1998		2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Vinyl Chloride	41	9.1	3.8	4.2	51		18	<1.0	13	6.1	4.8	5.1	6.4
trans-1,2-Dichloroethene	3.0	2.9	3.2	3.2	2.3		2.4	2.3	2.0	1.1	1.1	1.9	2.2
cis-1,2-Dichloroethene	700	420	340	360	410		480	220	160	89	130	140	260
1,1,1-Trichloroethane	1.0	<1.0	0.6J	<1.0	1.0J		0.7J	<1.0	0.71J	<1.0	<1.0	<1.0	<1.0
Trichloroethene	150	130	140	150	110		110	120	99	59	58	62	98
Tetrachloroethene	1,000	1,100	980	1100	870		870	830	890	460	400	350	630
Methylene Chloride	<1.0	<1.0	<1.0	1.0J	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	<1.0	<1.0	<1.0	<1.0	2.1		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethene	0.8J	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs	**1895.8**	**1662**	**1467.6**	**1618.4**	**1446.4**		**1481.1**	**1172.3**	**1164.7**	**615.2**	**593.9**	**559.0**	**997**

Halogenated Volatile Organics	8/18/2004	2/21/2005	8/30/2005	8/31/2006	12/14/2006	HRC Injection; September 2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011
Vinyl Chloride	1.7	3.3	1.0	2.0J	16		5.0	8	12	<5.0	<10	<20	2.0J
trans-1,2-Dichloroethene	1.2	0.65J	0.76	2.0J	2.0J		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
cis-1,2-Dichloroethene	99	70	74	200	180		140	110	120	110	69	76	170
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
Trichloroethene	62	36	51	48	47		30	28	42	24	22	24	17
Tetrachloroethene	430	220	210	280	210		230	210	300	180	150	190	140
Methylene Chloride	<1.0	1.2	<1.0	<5.0	2.0JB		<5.0	<5.0	<5.0	<5.0	<10	<10	2.8J,B
Chloroethane	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<20	<5.0
1,1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<5.0		<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0
TOTAL VOCs	**594**	**331**	**337**	**532**	**457**		**405**	**356**	**474**	**314**	**241**	**290**	**331.8**

Halogenated Volatile Organics	4/3/2013	12/4/2014	4/5/2016	(Dup) 4/5/2016	9/5/2017	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023	8/21/2024
Vinyl Chloride	1.2	3.2	0.77 J	0.92 J	27	26	28	17	17	12	8
trans-1,2-Dichloroethene	<2.5	<0.7	<2.5	<2.5	<5.0	1.1 J	0.90 J	2.6 J	2.3 J	2.2 J	1.9 J
cis-1,2-Dichloroethene	17	18	5.5	6.5	180	140	85	250	170	200	110
1,1,1-Trichloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5
Trichloroethene	11	8.7	2.5	3.2	14	10	9	22	33	34	37
Tetrachloroethene	95	31	7.1	11	53	31	33	46	140	160	220 E
Methylene Chloride	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5
Chloroethane	<2.5	<0.7	<2.5	<2.5	<5.0	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5
1,1-Dichloroethene	<0.5	<0.7	<0.5	<0.5	<1.0	<0.5	<0.5	<1.0	0.17 J	<1.0	<0.5
TOTAL VOCs	**124.2**	**60.9**	**15.87**	**21.62**	**274**	**208.1**	**155.9**	**337.6**	**362.5**	**408.2**	**376.9**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. < = Compound was not detected at or above the laboratory method detection limit shown.
4. All results are in micrograms per liter (ug/l, ppb).
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
6. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.

TABLE 4

Well MW-10
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	8/30/2007 (duplicate)	3/7/2008
Halogenated Volatile Organics																
Vinyl Chloride	2	1.5	0.9J	<1.0	0.8J	1.2	1.9	1.7	<1.0		31	24	29	53	56	<5.0
trans-1,2-Dichloroethene	2.4	1.8	1.6	3.5	2.3	2.8	2.7	2.3	<1.0		6	<5.0	<5.0	<5.0	<25	<5.0
cis-1,2-Dichloroethene	410	250	370	500	370	490	360	420	140		690	220	330	550	580	35
1,1,1-Trichloroethane	0.93 J	0.91J	0.7J	<1.0	<1.0	0.6J	<1.0	0.59J	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Trichloroethene	63	57	53	64	70	61	55	66	13		23	13	23	<5.0	<25	<5.0
Tetrachloroethene	620	420	450	470	460	600	350	380	97		70	66	67	80	75	11
1,1-Dichloroethene	0.63 J	<1.0	<1.0	<1.0	<1.0	0.6J	0.53J	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
Chloroethane	<1.0	<1.0	0.5J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	7	29	<5.0	<25	<5.0
Aromatic Volatile Organics																
MTBE	NA	NA	1.1	<1.0	<1.0	<1.0	<1.0	NA	<1.0		<5.0	<5.0	<5.0	<5.0	<25	<5.0
TOTAL VOCs	**1099.0**	**731.2**	**877.8**	**1037.5**	**903.1**	**1156.2**	**770.1**	**870.6**	**250**		**820**	**330**	**478**	**683**	**711**	**46**

	9/25/2008	(Dup) 9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	9/5/2017	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/10/2022 (duplicate)	8/22/2023	8/22/2023 (duplicate)	8/21/2024
Halogenated Volatile Organics															
Vinyl Chloride	<50	<25	96	26	6.6	5	0.43 J	<1.0	<1.0	0.10 J	<1	<1	1.1	1.2	0.79 J
trans-1,2-Dichloroethene	<50	<25	<25	3.1J	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
cis-1,2-Dichloroethene	890	800	930	240	320	160	31	2.8	2.3 J	18	5.1	5.3	43	45	40
1,1,1-Trichloroethane	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Trichloroethene	<50	26	30	15	15	14	4.2	1.1	0.86	2.8	1.9	1.9	3.7	4	3.7
Tetrachloroethene	84	90	130	78	66	47	16	2.9	2.5	3.5	3.4	3.2	3.6	3.6	4.1
1,1-Dichloroethene	<50	<25	<25	<5.0	<2.5	<0.36	<0.50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	<50	<25	<50	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
Aromatic Volatile Organics															
MTBE	<50	<25	<25	<5.0	<12	<1.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**974.0**	**916.0**	**1186**	**362.1**	**407.6**	**226.0**	**51.6**	**6.8**	**5.66**	**24.4**	**10.4**	**12.2**	**51.4**	**53.8**	**48.59**

Notes:
1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. NA = Compound not analyzed.
5. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

TABLE 5

Well MW-11
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	DUP 12/4/2014	4/5/2016	9/5/2017	11/20/2018	11/14/2019
Vinyl Chloride	8.0		3.0J	8	<5.0	5	16	17	<10	6.9	1.2	2.7	2.6	0.8 J	5.6	1.0	0.26 J
trans-1,2-Dichloroethene	NA		1.0J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1J	0.78 J	1.3 J	1.2 J	1.2 J	2.0 J	1.4 J	0.76 J
cis-1,2-Dichloroethene	140		35	54	16	17	84	140	160	240	130 E	110	110	120	180	100	61
Trichloroethene	6		3.0J	<5.0	<5.0	<5.0	5	6	9.1	4.7J	2.8	2.8	2.7	2.9	5.1	3.4	3.3
Tetrachloroethene	37		7	14	6	<5.0	18	14	17	3.5J	10	10	10	11	7.8	12	5.8
Methylene Chloride	<14		2JB	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.5J,B	<2.5	<0.70	<0.7	<2.5	<5.0	<2.5	<2.5
TOTAL VOCs	**191**		**51**	**76**	**22**	**22**	**123**	**177**	**186.1**	**258.7**	**144.8**	**126.8**	**126.5**	**135.9**	**200.5**	**117.8**	**71.1**

	9/2/2021	8/10/2022	8/22/2023	8/21/2024	DUP 8/21/2024
Vinyl Chloride	0.49 J	0.68 J	0.78 J	0.29 J	0.32 J
trans-1,2-Dichloroethene	1.1 J	1.1 J	1.1 J	1.0 J	0.97 J
cis-1,2-Dichloroethene	79	72	66	51	48
Trichloroethene	3.4	5.7	5.2	5.9	5.9
Tetrachloroethene	11	11	6.1	5.7	6.4
Methylene Chloride	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**95.0**	**90.5**	**79.2**	**63.9**	**61.6**

Notes:

1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. All results are in micrograms per liter (ug/l, ppb).
3. Compound was not detected at or above the laboratory method detection limit shown.
4. NA = Compound not analyzed.
5. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.
6. J = Indicates an estimated value less than the lowest standard.
7. < = Coumpound was not detected at or above the laboratory method detection limit.

TABLE 6

Well BR-2
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	1/20/1998	5/13/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Vinyl Chloride	13	6.1	10	12	5.2	3.8	6.6	5	3.4	4.1	2.3
cis-1,2-Dichloroethene	65	64	100	100	63	55	71	57	48	63	43
Trichloroethene	19	21	27	26	20	20	24	18	17	20	21
Tetrachloroethene	130E	200	210	230	180	200	230	170	170	200	150
Chloroethane	<1.0	<1.0	0.9J	1.0	<1.0	<1.0	1.2	0.97J	0.5J	<1.0	<1.0
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.37J	<1.0
TOTAL VOCs	**97**	**291.1**	**347.9**	**369**	**268.2**	**278.8**	**332.8**	**251.0**	**238.9**	**287.5**	**216.3**

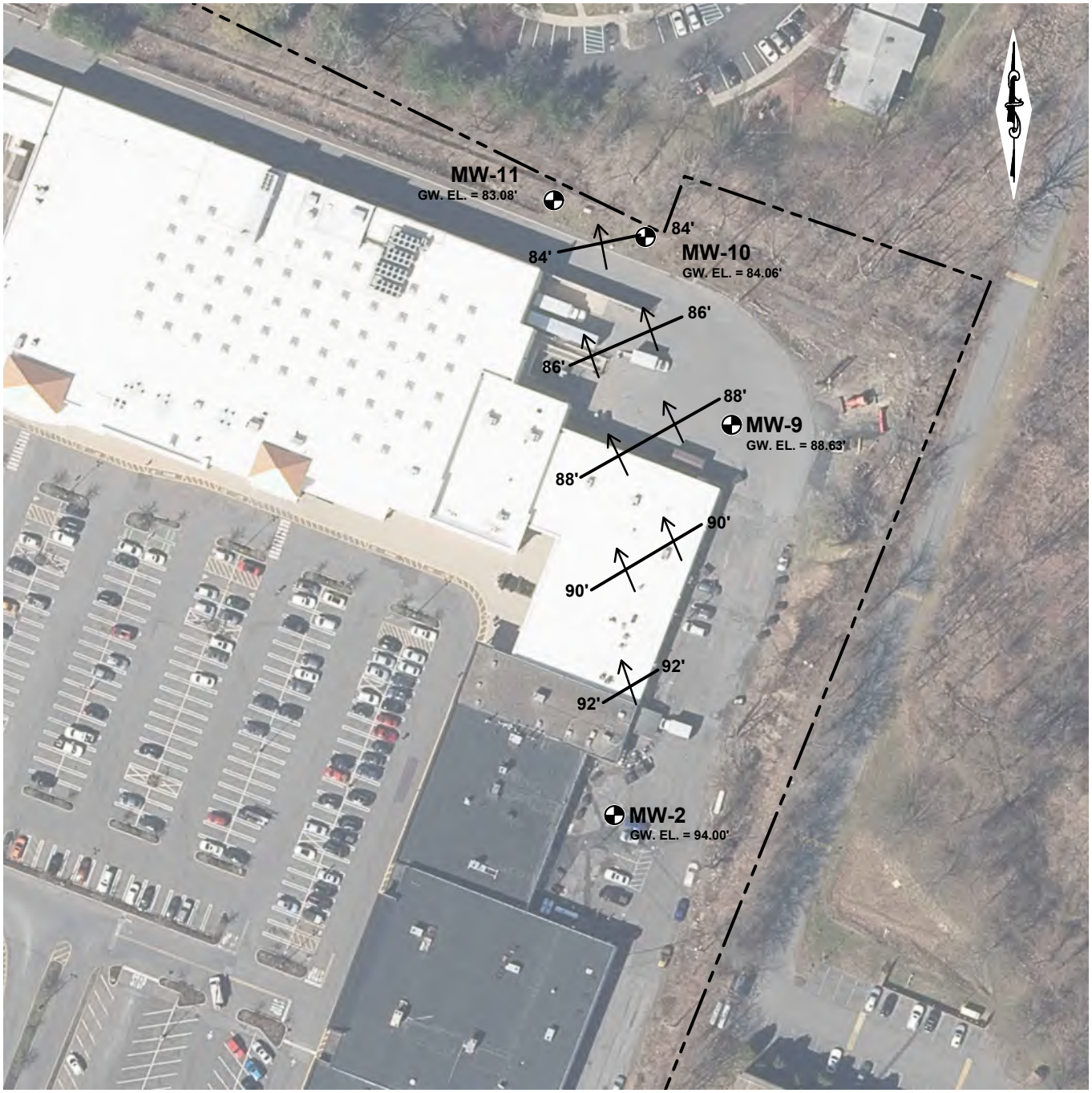
Halogenated Volatile Organics	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013	12/4/2014	4/5/2016	9/5/2017
Vinyl Chloride	4.1	4.1	4.0J	<5.0	<5.0	<10	1.2J	2.8	2.4	0.33 J	7.8
cis-1,2-Dichloroethene	48	66	56	62	65	<5.0	13	13	7.4	3	42
Trichloroethene	20	22	18	14	11	<5.0	3.5J	5.7	2.9	0.82	4.7
Tetrachloroethene	220	170	160	140	110	<5.0	28	48	14	1.9	7.7
Chloroethane	<1.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<2.5	<0.7	<2.5	<2.5
trans-1,2-Dichloroethylene	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<2.5	<0.7	1.2 J	<2.5
TOTAL VOCs	**292.1**	**262.1**	**238.0**	**216.0**	**186.0**	**ND**	**45.7**	**69.5**	**26.7**	**7.25**	**62.2**

Halogenated Volatile Organics	11/20/2018	11/14/2019	9/2/2021	8/10/2022	8/22/2023	8/21/2024
Vinyl Chloride	5.2	4.5	4.3	16	6.3	1.9
cis-1,2-Dichloroethene	6.2	6.7	5.8	46	35	3.9
Trichloroethene	0.27 J	1.4	0.41 J	0.81	2	0.54
Tetrachloroethene	0.63	5.6	0.18 J	1.1	1.2	<0.5
Chloroethane	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
trans-1,2-Dichloroethylene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
TOTAL VOCs	**12.3**	**18.2**	**10.7**	**63.9**	**44.5**	**6.3**

Notes:

1. Results shown only for compounds which were detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. E = Indicates an estimated value greater than the highest standard.
4. < = Compound was not detected at or above the laboratory method detection limit shown.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
7. Chloroform, Dibromochloromethane and Bromodichloromethane were detected in the sample collected on December 4, 2014 at 23 ppb, 0.58 ppb and 4.6 ppb, respectively. These compounds were not previously detected.

FIGURES



LEGEND:

MW-2 GW. EL. = 94.00' — MONITORING WELL, GROUNDWATER ELEVATION AUGUST 21, 2024

92' — GROUNDWATER CONTOURS

→ INFERRED GROUNDWATER FLOW DIRECTION

— - - — APPROXIMATE PROPERTY BOUNDARY

0 50 100 200

1 inch = 100 ft.

MAP REFERENCE: NEW YORK STATEWIDE DIGITAL ORTHOIMAGERY PROGRAM, PHOTOGRAPHY CIRCA 2021

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

OVERBURDEN GROUNDWATER CONTOUR MAP
AUGUST 21, 2024

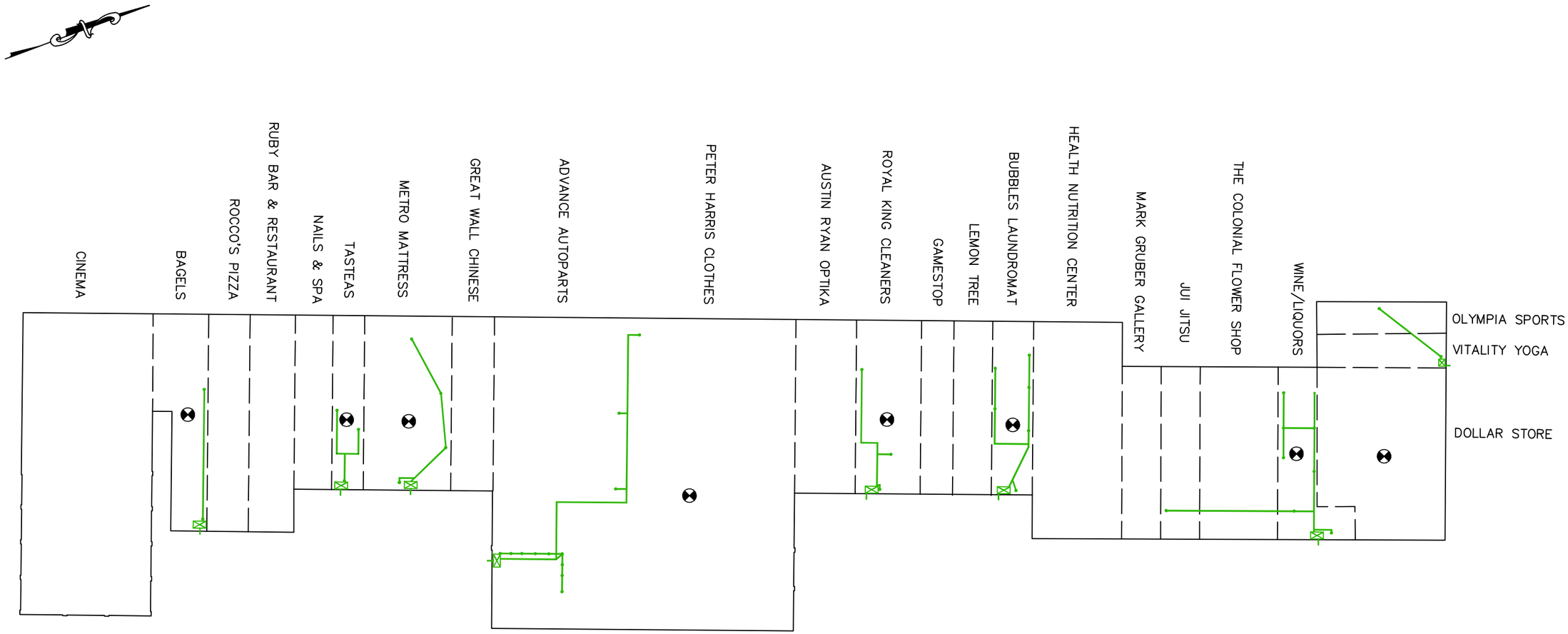
NEW PALTZ PLAZA

NYS ROUTE 299

TOWN OF NEW PALTZ ULSTER CO., N.Y.

PROJ. No.: 2014–45	DATE: 8/26/2024	SCALE: 1" = 100'	DWG. NO. 2014–45013	FIGURE 1

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45013_F-4 - Overburden GW 2024.dwg 8/26/2024 9:27 AM



0 25' 50'

1" = 50'

LEGEND:

STORE INSPECTION LOCATION

SSDS SYSTEM COMPONENT

STERLING

Sterling Environmental Engineering, P.C.

24 Wade Road • Latham, New York 12110

SSDS INSPECTION LOCATIONS

NEW PALTZ PLAZA PROPERTIES, LP

NEW PALTZ PLAZA

TOWN OF NEW PALTZ ULSTER CO., NEW YORK

PROJ. No.: 2014-45	DATE: 10/31/2023	SCALE: 1" = 50'	DWG. NO. 2014-45010	FIGURE 2

S:\Sterling\Projects\2014 Projects\New Paltz Plaza - 2014-45\ACAD\2014-45010_F-1 - Site Map 2023.dwg PAUL.SCHOLAR 10/31/2023 11:11 AM

ATTACHMENT 1
Field Monitoring Forms

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID BR-2
DATE 8-21-2024

GENERAL

Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good, Rusty inside of casing

PURGING INFORMATION

Total well depth (from top of casing):		11.31	feet
Depth to water surface before purging (from top of casing):		- 2.80	feet
Height of water column:	(a)	= 8.51	feet
Screen length	(b)	NA	feet
	Lesser of a and b	NA	feet
Well diameter (d): 4 inches	d^2 x 0.0408	x NA	gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: _____ WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1210	1	2.95	0.319	21.2	8.73	2.95	67.6	545.80
1215	1	3.34	0.265	21.7	8.87	1.36	13.0	117.84
1220	1	3.78	0.260	22.0	8.85	0.88	-56.3	70.54
1225	1	4.21	0.346	21.7	8.58	0.64	-146.6	52.77
1230	1	4.67	0.597	21.0	8.06	0.57	-175.8	51.70
1235	1	4.80	0.728	20.8	7.78	0.57	-172.4	56.62
1240	1	4.82	0.819	20.7	7.72	0.57	-171.2	42.05
1245	1	4.86	0.839	20.6	7.71	0.55	-171.7	39.07

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 8L gallons/liters
Depth of pump intake: 10.0 feet btoc

OBSERVATIONS

Color	Clear	Odor	No odor
Turbidity	Low	Sheen	None
Presence of NAPL	None	Other	None

Remarks: well casing is very rusty. pH higher than normal.

SAMPLING INFORMATION

Field Personnel: PWS+ BTC
Sampling Method: 1.5" Bladder / Low Flow
Sample Date: 8-21-2024 Time: 1245
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	ND	NA
pH	7.00	YSI Pro DSS
Conductance	7.00	YSI Pro DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	ND	NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-2
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 12.07 feet
Depth to water surface before purging (from top of casing): - 3.31 feet
Height of water column: (a) = 8.76 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 4 inches — d^2 x 0.0408 x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1400	1	3.98	4.104	22.6	6.68	3.28	-12.4	114.13
1405	1	4.08	4.214	22.1	6.65	0.81	-33.8	35.94
1410	1	4.08	4.156	22.6	6.65	0.68	-37.4	20.28
1415	1	4.09	4.092	22.6	6.65	0.65	-39.3	17.76
1420	1	4.09	4.102	22.6	6.65	0.64	-40.1	17.12

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 5L gallons/liters
Depth of pump intake: 11 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: None
Remarks: NA

SAMPLING INFORMATION
Field Personnel: PWS + BTC
Sampling Method: 1.5" Bladder Pump / Low Flow
Sample Date: 8-21-2024 — Time: 1420
Sample Description: NA
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	NA
pH	7.00	YSI Pro DSS
Conductance	7.00	YSI Pro DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	NA	NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-9
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions 70°F Sunny
Site Access/Conditions Good
Physical Condition of Well Good

PURGING INFORMATION
Total well depth (from top of casing): 9.57 feet
Depth to water surface before purging (from top of casing): - 3.41 feet
Height of water column: (a) = 6.16 feet
Screen length (b) NA feet
Lesser of a and b NA feet
Well diameter (d): 2 inches — d^2 x 0.0408 x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/ Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1300	1	3.90	2.006	25.0	6.99	1.54	101.9	111.96
1305	1	3.90	2.205	24.8	6.81	0.90	95.2	201.05
1310	1	3.98	2.365	23.4	6.73	0.62	57.1	165.49
1315	1	4.10	2.367	23.5	6.73	0.58	55.1	108.12
1320	1	4.12	2.375	23.5	6.72	0.52	56.2	80.99
1325	1	4.13	2.375	23.5	6.72	0.51	57.0	80.75
1330	1	4.13	2.375	23.5	6.72	0.51	57.2	75.95

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 7L gallons/liters
Depth of pump intake: 8.5' feet btoc

OBSERVATIONS
Color Clear — Odor No Odor
Turbidity Low — Sheen No Sheen
Presence of NAPL None — Other NA
Remarks Water very black while purging.

SAMPLING INFORMATION
Field Personnel PWS + BTC
Sampling Method 1.5" Bladder / Low Flow
Sample Date 8-21-2021 — Time 1330
Sample Description NA
Analysis Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	NA
pH	7.00	YSI Pro DSS
Conductance	7.00	YSI Pro DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen		NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-10
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 17.44 feet
Depth to water surface before purging (from top of casing): - 8.50 feet
Height of water column: (a) = 8.94 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — $d^2 \times 0.0408$ x NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1130	1	8.56	2.096	20.5	6.87	3.49	175.7	209.04
1135	1	8.62	2.047	20.7	6.84	0.86	170.7	260.59
1140	1	8.64	1.967	21.8	6.87	0.76	166.3	166.34
1145	1	8.66	1.970	21.8	6.90	0.71	164.1	77.85
1150	1	8.66	1.968	21.6	6.91	0.69	162.5	18.43
1155	1	8.67	1.920	21.9	6.94	0.64	157.8	12.57

*Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 6L gallons/liters
Depth of pump intake: 16.5 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: None

SAMPLING INFORMATION
Field Personnel: JWS + BTC
Sampling Method: 1.5" Bladder / Low Flow
Sample Date: 8-21-2024 — Time: 1155
Sample Description:
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	External not rep. of GW Temp	
pH	7.00	YSI PRO DSS
Conductance	7.02	YSI PRO DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	NA	NA

LOW-FLOW GROUNDWATER SAMPLING RECORD

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, New York 12110

PROJECT NAME New Paltz Plaza
PROJECT NUMBER 2014-45
SITE LOCATION New Paltz, NY

WELL ID MW-11
DATE 8-21-2024
Page 1 of 1

GENERAL
Weather Conditions: 70°F Sunny
Site Access/Conditions: Good
Physical Condition of Well: Good

PURGING INFORMATION
Total well depth (from top of casing): 17.92 feet
Depth to water surface before purging (from top of casing): - 9.44 feet
Height of water column: (a) = 8.48 feet
Screen length: (b) NA feet
Lesser of a and b: NA feet
Well diameter (d): 2 inches — $d^2 \times 0.0408 \times$ NA gal/ft

WELL VOLUMES:
2" Diam. = 0.16 gal/ft
4" Diam. = 0.65 gal/ft.
6" Diam. = 1.47 gal/ft.

One wetted screen volume before purging (1 gallon = 3.785 liters): = NA gallons or NA liters
Volume of water equal to five wetted screen volumes: = NA gallons or NA liters

Pump Type: WQ Meter Type: YSI Pro DSS

Time	Volume Purged (Gallons/Liters)	Depth to Water (feet bmp)	SC (mS/cm)	Temp. (°C or °F)	pH (SU)	Dissolved Oxygen (mg/L)	RedOx Potential (mV)	Turbidity (NTU)
Stabilization Criteria*		Drawdown <0.3 ft	+/- 10%	+/- 0.2 °C	+/- 0.2 SU	+/- 0.2 mg/L	+/- 20 mV	+/- 10%
1050	1	9.72	1.704	20.1	7.01	1.10	150.1	180.84
1055	1	9.82	1.721	20.2	7.01	0.90	150.3	168.57
1100	1	9.84	1.675	20.2	7.02	0.78	149.2	51.81
1105	1	9.84	1.511	21.0	7.01	0.74	148.1	34.64
1110	1	9.84	1.514	21.0	7.01	0.73	148.3	33.15
1115	1	9.82	1.526	21.1	7.00	0.69	148.3	29.03
				PWS				

* - Stabilization based on three consecutive readings collected at 3 to 5 minute intervals. Minimum of 30 minutes of purging, maximum of five wetted screen volumes.

Total Volume of Water Purged: 6L gallons/liters
Depth of pump intake: 16.5 feet btoc

OBSERVATIONS
Color: Clear — Odor: None
Turbidity: Low — Sheen: None
Presence of NAPL: None — Other: NA
Remarks: DUP08212024 @ MW-11

SAMPLING INFORMATION
Field Personnel: PWS + BTC
Sampling Method: 1.5" Bladder / Low Flow
Sample Date: 8-21-2024 — Time: 1115
Sample Description: Clear, No Odor, No Sheen. DUP08212024 @ MW-11
Analysis: Volatile Organic Compounds (VOCs)

CALIBRATION:		INSTRUMENT ID:
Temperature	NA	NA
pH	7.00, 10.02, 3.98	YSI Pro DSS
Conductance	7.02	YSI Pro DSS
Turbidity	NA	NA
Redox	NA	NA
Dissolved Oxygen	NA	NA

WATER LEVEL MEASUREMENTS

Sterling Environmental Engineering, P.C.

24 Wade Road
Latham, N.Y. 12110

Project Name: New Paltz Plaza
Project No. 2014-45
Location New Paltz, NY
Weather: 70° F Sunny
Field Personnel: PWS + BTC
Measuring Device: Depth to Water Meter

Well ID	Date	Time	Depth to Water	Measuring Point	Meas. Pt. Elevation	Calc. Water Level Elev.	Remarks
MW-11	8-21-24	949	9.44	TOC	92.52	83.08	NA
MW-10	↓	9:48	8.50	↓	92.56	84.06	NA
MW-9		1000	3.41		92.04	88.63	NA
BR-2		1003	2.80		94.95	92.15	NA
MW-2	↓	1005	3.31	↓	97.31	94.00	NA

STERLING
Sterling Environmental Engineering, P.C.

DAILY FIELD REPORT

Project Name: New Paltz Plaza
Project No: 2014-45
Client Name: Peter Kemposer
Date: 8-21-2024
Location: New Paltz, NY
Personnel: PWS - Paul Scholer
BTC - Brian Chew
Weather: 70° f Sunny

Work Description:

915 - PWS + BTC onsite
930 - Inspect SSDS at Bagel shop. Good condition -12.5" H_2O
945 - Inspect SSDS at Dry Cleaner, Good Condition; -26" H_2O
950 - Collect round of water levels at all wells. All wells in acceptable condition
1005 - Inspect SSDS at Metro Mattress, Good Condition; -2.5" H_2O
1015 - Inspect SSDS at Tastas, Good Condition; -19" H_2O
1020 - Inspect SSDS at Peter Harris, Good Condition; -38" H_2O
1025 - Inspect SSDS at Dollar Store, Good Condition; -0.7" H_2O
1030 - Inspect SSDS at Liquor Store, Good Condition; -13.5" H_2O
1050 - Set up at MW-11. Bladder Pump Deconed between wells
1115 - Collect GW sample for SVOCs at MW-11, DUP08122024 at MW-11
1130 - Set up at MW-10
1155 - Sample MW-10 for VOCs
1210 - Set up at BR-2, well casing is rusty and water is orange
1240 - Collect GW Sample for VOCs at BR-2
1330 - Collect GW Sample for VOCs at MW-9
1420 - Collect GW Sample for VOCs at MW-2
1430 - Clean up and containerize purge water in drum onsite. Drum ~ 1/3 full

Signature: Paul Scholer

ATTACHMENT 2
Laboratory Analytical Report

ANALYTICAL REPORT

Lab Number:	L2447834
Client:	Sterling Environmental Engineering 24 Wade Road Latham, NY 12110
ATTN:	Tom Johnson
Phone:	(518) 456-4900
Project Name:	NEW PALTZ PLAZA
Project Number:	2014-45
Report Date:	08/28/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2447834-01	MW-11	WATER	NEW PALTZ, NY	08/21/24 11:15	08/21/24
L2447834-02	MW-10	WATER	NEW PALTZ, NY	08/21/24 11:55	08/21/24
L2447834-03	BR-2	WATER	NEW PALTZ, NY	08/21/24 12:45	08/21/24
L2447834-04	MW-9	WATER	NEW PALTZ, NY	08/21/24 13:30	08/21/24
L2447834-05	MW-2	WATER	NEW PALTZ, NY	08/21/24 14:20	08/21/24
L2447834-06	DUP08212024	WATER	NEW PALTZ, NY	08/21/24 00:00	08/21/24
L2447834-07	TB08212024	WATER	NEW PALTZ, NY	08/21/24 00:00	08/21/24

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 08/28/24

ORGANICS

VOLATILES

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-01
Client ID: MW-11
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 11:15
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 01:19
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.7		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.29	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-01 Date Collected: 08/21/24 11:15

Client ID: MW-11 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	51		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-02
Client ID: MW-10
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 11:55
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 01:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	4.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.79	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-02 Date Collected: 08/21/24 11:55

Client ID: MW-10 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	40		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-03
Client ID: BR-2
Sample Location: NEW PALTZ, NY
Date Collected: 08/21/24 12:45
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 02:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.9		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.54		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-03 Date Collected: 08/21/24 12:45

Client ID: BR-2 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.9		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L2447834
Project Number: 2014-45
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04
Client ID: MW-9
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 13:30
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 02:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	220	E	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	8.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.9	J	ug/l	2.5	0.70	1
Trichloroethene	37		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04 Date Collected: 08/21/24 13:30

Client ID: MW-9 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	110		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L2447834
Project Number: 2014-45
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04 D
Client ID: MW-9
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 13:30
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 22:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	170		ug/l	2.5	0.90	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	119		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-05 D
Client ID: MW-2
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 14:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/27/24 14:35
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	990		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	250		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	5.9	J	ug/l	10	3.4	20
trans-1,2-Dichloroethene	23	J	ug/l	50	14.	20
Trichloroethene	370		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-05 D
Client ID: MW-2
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 14:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	3.3	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	2900		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-06
Client ID: DUP08212024
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 00:00
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 03:00
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	6.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.32	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.97	J	ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-06 Date Collected: 08/21/24 00:00

Client ID: DUP08212024 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	48		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-07
Client ID: TB08212024
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 00:00
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 03:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-07 Date Collected: 08/21/24 00:00

Client ID: TB08212024 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	104		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/26/24 18:28
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1964383-5					
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Tetrachloroethene	ND		ug/l	0.50	0.18
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	115		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
Methylene chloride	90		86		70-130	5		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	92		91		70-130	1		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	95		99		70-130	4		20
Dibromochloromethane	80		85		63-130	6		20
1,1,2-Trichloroethane	88		93		70-130	6		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	94		95		75-130	1		20
Trichlorofluoromethane	100		95		62-150	5		20
1,2-Dichloroethane	90		92		70-130	2		20
1,1,1-Trichloroethane	96		95		67-130	1		20
Bromodichloromethane	91		93		67-130	2		20
trans-1,3-Dichloropropene	82		86		70-130	5		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
Bromoform	86		97		54-136	12		20
1,1,2,2-Tetrachloroethane	86		95		67-130	10		20
Benzene	90		92		70-130	2		20
Toluene	95		96		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	76		70		64-130	8		20
Bromomethane	62		57		39-139	8		20
Vinyl chloride	100		95		55-140	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
Chloroethane	88		69		55-138	**24**	Q	20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	96		94		70-130	2		20
Trichloroethene	89		98		70-130	10		20
1,2-Dichlorobenzene	95		96		70-130	1		20
1,3-Dichlorobenzene	96		95		70-130	1		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	91		100		63-130	9		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	94		91		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	66		62		36-147	6		20
Acetone	84		90		58-148	7		20
Carbon disulfide	100		99		51-130	1		20
2-Butanone	80		90		63-138	12		20
4-Methyl-2-pentanone	84		98		59-130	15		20
2-Hexanone	80		92		57-130	14		20
Bromochloromethane	95		93		70-130	2		20
1,2-Dibromoethane	91		96		70-130	5		20
1,2-Dibromo-3-chloropropane	85		93		41-144	9		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	81		87		70-130	7		20
Cyclohexane	100		110		70-130	10		20
1,4-Dioxane	124		124		56-162	0		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1964383-3 WG1964383-4								
1,1-Dichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		97		70-130	3		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	100		94		70-130	6		20
Ethylbenzene	97		92		70-130	5		20
Vinyl chloride	120		110		55-140	9		20
1,1-Dichloroethene	89		82		61-145	8		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		94		70-130	6		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	91		93		70-130
Dibromofluoromethane	112		111		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
Methylene chloride	95		90		70-130	5		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	91		92		63-130	1		20
1,1,2-Trichloroethane	88		89		70-130	1		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	82		83		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	93		99		54-136	6		20
1,1,2,2-Tetrachloroethane	82		88		67-130	7		20
Benzene	100		99		70-130	1		20
Toluene	94		94		70-130	0		20
Ethylbenzene	96		96		70-130	0		20
Chloromethane	93		84		64-130	10		20
Bromomethane	91		84		39-139	8		20
Vinyl chloride	120		110		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
Chloroethane	97		66		55-138	**38**	Q	20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	99		100		70-130	1		20
1,2-Dichlorobenzene	97		98		70-130	1		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	94		86		36-147	9		20
Acetone	110		97		58-148	13		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	100		92		63-138	8		20
4-Methyl-2-pentanone	83		91		59-130	9		20
2-Hexanone	80		86		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	96		98		70-130	2		20
1,2-Dibromo-3-chloropropane	90		95		41-144	5		20
Isopropylbenzene	94		97		70-130	3		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	92		94		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	144		130		56-162	10		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	94		92		70-130
4-Bromofluorobenzene	86		89		70-130
Dibromofluoromethane	105		100		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2447834-01A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-01B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-01C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-07A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-07B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Project Number:	2014-45	**Report Date:**	08/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/22/24

ALPHA Job #: L2447834

Client Information

Client: Sterling Env
Address: 24 Wade Rd
Latham NY 12110
Phone: 518 456-4900
Fax:
Email:

Project Information

Project Name: New Paltz Plaza
Project Location: New Paltz, NY
Project #: 2014-45
(Use Project name as Project #)
Project Manager: Thomas Johnson
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[X] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[X] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

[ ] These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

johnsont@sterlingenvironmental.com
paul.scholar@sterlingenvironmental.com

Please specify Metals or TAL.

ANALYSIS

NYTOGS VOCs 8260

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTOGS VOCs 8260	Sample Specific Comments	Total # Bottles
47834 01	MW-11	8-21-2024	1115	GW	PWS	X		3
02	MW-10		1155	GW		X		3
03	BR-2		1245	GW		X		3
04	MW-9		1330	GW		X		3
05	MW-7		1420	GW		X		3
06	DUP08212024		-	GW		X		3
07	TB08212024		-	LW		X		2

PWS

PWS

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
PACE	8/21/24 1630	PACE	8/21/24 1630
PACE	8/21/24 1641		8/21 2000
	8/22 0700		8/22/24 0700

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ATTACHMENT 3
SSDS Inspection Form

Sterling Environmental Engineering, P.C.
24 Wade Road
Latham, NY 12110

SSDS INSPECTION FORM

Project/No.	2014-45					Page 1 of 1		
Client:	New Paltz Plaza							
Inspector:	P. Scholar and B. Chew					Date: 8/21/2024		
Instrument Used:	NA							
Measurements by:	P. Scholar							
Task:	Perform Annual (2024) SSDS Inspection							

Item	Liquor Store	Laundromat	Dry Cleaner	Peter Harris Store	Metro* Mattress	TasTea*	Bagle Shop	Dollar Store
System Fan	X	X	X	X	X	X[1]	X	X
System Piping and Connections	X	X	X	X	X	X	X	X
Slab/System Interface Seals	X	X	X	X	X	X	X	X
Electrical Components	X	X	X	X	X	X	X	X
Pressure Gauges	X	X	X	X	X	X	X	X
Low Presure Alarm	X	X	X	X	X	X	X	X
Pressure Differential Reading	-13.5	-4	-26	-38	-2.5	-19	-12.5	-0.7

Notes:
X = No deficiencies observed.
*See Figure 2 for store locations.

APPENDIX F

Laboratory Reports; August 21, 2024 and August 12, 2025 Groundwater Samples

ANALYTICAL REPORT

Lab Number:	L2447834
Client:	Sterling Environmental Engineering 24 Wade Road Latham, NY 12110
ATTN:	Tom Johnson
Phone:	(518) 456-4900
Project Name:	NEW PALTZ PLAZA
Project Number:	2014-45
Report Date:	08/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2447834-01	MW-11	WATER	NEW PALTZ, NY	08/21/24 11:15	08/21/24
L2447834-02	MW-10	WATER	NEW PALTZ, NY	08/21/24 11:55	08/21/24
L2447834-03	BR-2	WATER	NEW PALTZ, NY	08/21/24 12:45	08/21/24
L2447834-04	MW-9	WATER	NEW PALTZ, NY	08/21/24 13:30	08/21/24
L2447834-05	MW-2	WATER	NEW PALTZ, NY	08/21/24 14:20	08/21/24
L2447834-06	DUP08212024	WATER	NEW PALTZ, NY	08/21/24 00:00	08/21/24
L2447834-07	TB08212024	WATER	NEW PALTZ, NY	08/21/24 00:00	08/21/24

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 08/28/24

ORGANICS

VOLATILES

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-01
Client ID: MW-11
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 11:15
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 01:19
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.7		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.29	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.0	J	ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-01 Date Collected: 08/21/24 11:15

Client ID: MW-11 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	51		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-02
Client ID: MW-10
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 11:55
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 01:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	4.1		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.79	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-02 Date Collected: 08/21/24 11:55

Client ID: MW-10 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	40		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-03
Client ID: BR-2
Sample Location: NEW PALTZ, NY
Date Collected: 08/21/24 12:45
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 02:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.9		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.54		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-03 Date Collected: 08/21/24 12:45

Client ID: BR-2 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.9		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L2447834
Project Number: 2014-45
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04
Client ID: MW-9
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 13:30
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 02:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	220	E	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	8.0		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.9	J	ug/l	2.5	0.70	1
Trichloroethene	37		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04 Date Collected: 08/21/24 13:30

Client ID: MW-9 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	110		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW PALTZ PLAZA
Lab Number: L2447834
Project Number: 2014-45
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-04 D
Client ID: MW-9
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 13:30
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 22:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	170		ug/l	2.5	0.90	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	119		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-05 D
Client ID: MW-2
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 14:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/27/24 14:35
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	990		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	250		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	5.9	J	ug/l	10	3.4	20
trans-1,2-Dichloroethene	23	J	ug/l	50	14.	20
Trichloroethene	370		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-05 D
Client ID: MW-2
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 14:20
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	3.3	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	2900		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-06
Client ID: DUP08212024
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 00:00
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 03:00
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	6.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.32	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.97	J	ug/l	2.5	0.70	1
Trichloroethene	5.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-06 Date Collected: 08/21/24 00:00

Client ID: DUP08212024 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	48		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-07
Client ID: TB08212024
Sample Location: NEW PALTZ, NY

Date Collected: 08/21/24 00:00
Date Received: 08/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/26/24 03:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

SAMPLE RESULTS

Lab ID: L2447834-07 Date Collected: 08/21/24 00:00

Client ID: TB08212024 Date Received: 08/21/24

Sample Location: NEW PALTZ, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	104		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/25/24 19:56
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06-07 Batch: WG1964089-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/26/24 18:28
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1964383-5					
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Tetrachloroethene	ND		ug/l	0.50	0.18
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	115		70-130

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45
Lab Number: L2447834
Report Date: 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: NEW PALTZ PLAZA **Lab Number:** L2447834

Project Number: 2014-45 **Report Date:** 08/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/27/24 09:13
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1964392-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
Methylene chloride	90		86		70-130	5		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	92		91		70-130	1		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	95		99		70-130	4		20
Dibromochloromethane	80		85		63-130	6		20
1,1,2-Trichloroethane	88		93		70-130	6		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	94		95		75-130	1		20
Trichlorofluoromethane	100		95		62-150	5		20
1,2-Dichloroethane	90		92		70-130	2		20
1,1,1-Trichloroethane	96		95		67-130	1		20
Bromodichloromethane	91		93		67-130	2		20
trans-1,3-Dichloropropene	82		86		70-130	5		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
Bromoform	86		97		54-136	12		20
1,1,2,2-Tetrachloroethane	86		95		67-130	10		20
Benzene	90		92		70-130	2		20
Toluene	95		96		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	76		70		64-130	8		20
Bromomethane	62		57		39-139	8		20
Vinyl chloride	100		95		55-140	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW PALTZ PLAZA

Project Number: 2014-45

Lab Number: L2447834

Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
Chloroethane	88		69		55-138	**24**	Q	20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	96		94		70-130	2		20
Trichloroethene	89		98		70-130	10		20
1,2-Dichlorobenzene	95		96		70-130	1		20
1,3-Dichlorobenzene	96		95		70-130	1		20
1,4-Dichlorobenzene	94		93		70-130	1		20
Methyl tert butyl ether	91		100		63-130	9		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	94		91		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	66		62		36-147	6		20
Acetone	84		90		58-148	7		20
Carbon disulfide	100		99		51-130	1		20
2-Butanone	80		90		63-138	12		20
4-Methyl-2-pentanone	84		98		59-130	15		20
2-Hexanone	80		92		57-130	14		20
Bromochloromethane	95		93		70-130	2		20
1,2-Dibromoethane	91		96		70-130	5		20
1,2-Dibromo-3-chloropropane	85		93		41-144	9		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06-07 Batch: WG1964089-3 WG1964089-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	81		87		70-130	7		20
Cyclohexane	100		110		70-130	10		20
1,4-Dioxane	124		124		56-162	0		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1964383-3 WG1964383-4								
1,1-Dichloroethane	110		100		70-130	10		20
Tetrachloroethene	100		97		70-130	3		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	100		94		70-130	6		20
Ethylbenzene	97		92		70-130	5		20
Vinyl chloride	120		110		55-140	9		20
1,1-Dichloroethene	89		82		61-145	8		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		94		70-130	6		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		98		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	91		93		70-130
Dibromofluoromethane	112		111		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
Methylene chloride	95		90		70-130	5		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	100		97		70-130	3		20
Carbon tetrachloride	120		110		63-132	9		20
1,2-Dichloropropane	98		97		70-130	1		20
Dibromochloromethane	91		92		63-130	1		20
1,1,2-Trichloroethane	88		89		70-130	1		20
Tetrachloroethene	120		110		70-130	9		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	82		83		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	93		99		54-136	6		20
1,1,2,2-Tetrachloroethane	82		88		67-130	7		20
Benzene	100		99		70-130	1		20
Toluene	94		94		70-130	0		20
Ethylbenzene	96		96		70-130	0		20
Chloromethane	93		84		64-130	10		20
Bromomethane	91		84		39-139	8		20
Vinyl chloride	120		110		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
Chloroethane	97		66		55-138	**38**	Q	20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	99		100		70-130	1		20
1,2-Dichlorobenzene	97		98		70-130	1		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	94		86		36-147	9		20
Acetone	110		97		58-148	13		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	100		92		63-138	8		20
4-Methyl-2-pentanone	83		91		59-130	9		20
2-Hexanone	80		86		57-130	7		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	96		98		70-130	2		20
1,2-Dibromo-3-chloropropane	90		95		41-144	5		20
Isopropylbenzene	94		97		70-130	3		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1964392-3 WG1964392-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	92		94		70-130	2		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	144		130		56-162	10		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	94		92		70-130
4-Bromofluorobenzene	86		89		70-130
Dibromofluoromethane	105		100		70-130

Project Name: NEW PALTZ PLAZA
Project Number: 2014-45

Lab Number: L2447834
Report Date: 08/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2447834-01A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-01B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-01C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-02C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-03C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-04C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-05C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-06C	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-07A	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2447834-07B	Vial HCl preserved	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	NEW PALTZ PLAZA	**Lab Number:**	L2447834
Project Number:	2014-45	**Report Date:**	08/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/22/24

ALPHA Job #: L2447834

Client Information

Client: Sterling Env
Address: 24 Wade Rd
Latham NY 12110
Phone: 518 456-4900
Fax:
Email:

Project Information

Project Name: New Paltz Plaza
Project Location: New Paltz, NY
Project #: 2014-45
(Use Project name as Project #)
Project Manager: Thomas Johnson
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[X] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information

[X] Same as Client Info
PO #

Regulatory Requirement

[X] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

[ ] These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

johnsont@sterlingenvironmental.com
paul.scholar@sterlingenvironmental.com

Please specify Metals or TAL.

ANALYSIS

NYTOGS VOCs 8260

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTOGS VOCs 8260	Sample Specific Comments	Total # Bottles
47834 01	MW-11	8-21-2024	1115	GW	PWS	X		3
02	MW-10		1155	GW		X		3
03	BR-2		1245	GW		X		3
04	MW-9		1330	GW		X		3
05	MW-7		1420	GW		X		3
06	DUP08212024		-	GW		X		3
07	TB08212024		-	LW		X		2

PWS

PWS

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: V
Preservative: B

Relinquished By:	Date/Time	Received By:	Date/Time
PACE	8/21/24 1630	PACE	8/21/24 1630
PACE	8/21/24 1641		8/21 2000
	8/22 0700		8/22/24 0700

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

PHOENIX
Environmental Laboratories, Inc.

Thursday, August 21, 2025

Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Project ID: **NEW PALTZ PLAZA**
SDG ID: **GCT99808**
Sample ID#s: CT99808 - CT99814

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

August 21, 2025

SDG I.D.: GCT99808

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/FID method 504 or 8011 to achieve this criteria.

Any compound that is not detected above the MDL/LOD is reported as ND on the report and is reported in the electronic deliverables (EDD) as <RL or U at the RL per state and EPA guidance.

Version 1: Analysis results minus raw data.

Version 2: Complete report with raw data.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

August 21, 2025

SDG I.D.: GCT99808

Project ID: NEW PALTZ PLAZA

Client Id	Lab Id	Matrix	Col Date
MW-11	CT99808	GROUND WATER	08/12/25 12:25
MW-10	CT99809	GROUND WATER	08/12/25 13:05
MW-9	CT99810	GROUND WATER	08/12/25 13:45
BR-2	CT99811	GROUND WATER	08/12/25 14:35
MW-2	CT99812	GROUND WATER	08/12/25 15:15
TB08122025	CT99813	GROUND WATER	08/12/25 0:00
DUP08122025	CT99814	GROUND WATER	08/12/25 0:00

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 21, 2025

FOR: Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		08/12/25	12:25
Location Code:	STERLING	Received by:	CP	08/13/25	17:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2014-45				

Laboratory Data

SDG ID: GCT99808
Phoenix ID: CT99808

Project ID: NEW PALTZ PLAZA
Client ID: MW-11

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	

Project ID: NEW PALTZ PLAZA
Client ID: MW-11

Phoenix I.D.: CT99808

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	08/14/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,2-Dichloroethene	33		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/14/25	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrachloroethene	7.4		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,2-Dichloroethene	0.73	J	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Trichloroethene	4.1		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Vinyl chloride	1.0		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	106				%	1	08/14/25	MH	70 - 130 %	
% Bromofluorobenzene	95				%	1	08/14/25	MH	70 - 130 %	
% Dibromofluoromethane	110				%	1	08/14/25	MH	70 - 130 %	

Ver 1

Project ID: NEW PALTZ PLAZA
Client ID: MW-11

Phoenix I.D.: CT99808

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	08/14/25	MH	70 - 130 %

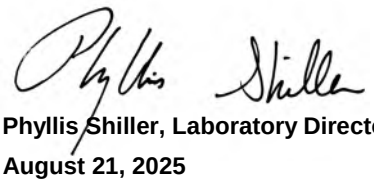
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 21, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 21, 2025

FOR: Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		08/12/25	13:05
Location Code:	STERLING	Received by:	CP	08/13/25	17:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2014-45				

Laboratory Data

SDG ID: GCT99808
Phoenix ID: CT99809

Project ID: NEW PALTZ PLAZA
Client ID: MW-10

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	

Project ID: NEW PALTZ PLAZA
Client ID: MW-10

Phoenix I.D.: CT99809

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	08/14/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,2-Dichloroethene	94		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/14/25	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrachloroethene	23		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,2-Dichloroethene	1.1	J	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Trichloroethene	10		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Vinyl chloride	0.79	J	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	105				%	1	08/14/25	MH	70 - 130 %	
% Bromofluorobenzene	95				%	1	08/14/25	MH	70 - 130 %	
% Dibromofluoromethane	108				%	1	08/14/25	MH	70 - 130 %	

Ver 1

Project ID: NEW PALTZ PLAZA
Client ID: MW-10

Phoenix I.D.: CT99809

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	08/14/25	MH	70 - 130 %

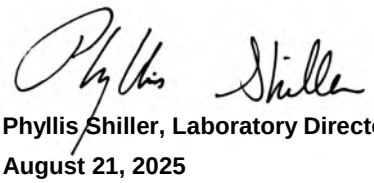
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
August 21, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 21, 2025

FOR: Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		08/12/25	13:45
Location Code:	STERLING	Received by:	CP	08/13/25	17:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2014-45				

Laboratory Data

SDG ID: GCT99808
Phoenix ID: CT99810

Project ID: NEW PALTZ PLAZA
Client ID: MW-9

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	

Project ID: NEW PALTZ PLAZA
Client ID: MW-9

Phoenix I.D.: CT99810

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	6.8	S	5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	08/14/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,2-Dichloroethene	130		5.0	1.3	ug/L	5	08/15/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/14/25	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrachloroethene	120		5.0	1.3	ug/L	5	08/15/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,2-Dichloroethene	2.0	J	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Trichloroethene	30		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Vinyl chloride	8.1		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	104				%	1	08/14/25	MH	70 - 130 %	
% Bromofluorobenzene	95				%	1	08/14/25	MH	70 - 130 %	
% Dibromofluoromethane	112				%	1	08/14/25	MH	70 - 130 %	

Ver 1

Project ID: NEW PALTZ PLAZA
Client ID: MW-9

Phoenix I.D.: CT99810

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	08/14/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	101			%	5	08/15/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	95			%	5	08/15/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	109			%	5	08/15/25	MH	70 - 130 %
% Toluene-d8 (5x)	98			%	5	08/15/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

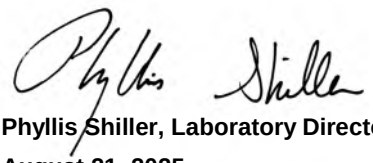
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 21, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 21, 2025

FOR: Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		08/12/25	14:35
Location Code:	STERLING	Received by:	CP	08/13/25	17:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2014-45				

Laboratory Data

SDG ID: GCT99808
Phoenix ID: CT99811

Project ID: NEW PALTZ PLAZA
Client ID: BR-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/15/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/15/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/15/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/15/25	MH	SW8260D	

Project ID: NEW PALTZ PLAZA
Client ID: BR-2

Phoenix I.D.: CT99811

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND		5.0	2.5	ug/L	1	08/15/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	08/15/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/15/25	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	08/15/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	08/15/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
cis-1,2-Dichloroethene	4.0		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/15/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/15/25	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/15/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/15/25	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	08/15/25	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/15/25	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/15/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/15/25	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
Vinyl chloride	0.65	J	1.0	0.25	ug/L	1	08/15/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	104				%	1	08/15/25	MH	70 - 130 %	
% Bromofluorobenzene	93				%	1	08/15/25	MH	70 - 130 %	
% Dibromofluoromethane	97				%	1	08/15/25	MH	70 - 130 %	

Ver 1

Project ID: NEW PALTZ PLAZA
Client ID: BR-2

Phoenix I.D.: CT99811

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	98			%	1	08/15/25	MH	70 - 130 %

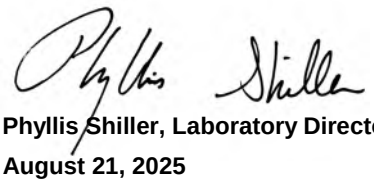
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 21, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 21, 2025

FOR: Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		08/12/25	15:15
Location Code:	STERLING	Received by:	CP	08/13/25	17:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2014-45				

Laboratory Data

SDG ID: GCT99808
Phoenix ID: CT99812

Project ID: NEW PALTZ PLAZA
Client ID: MW-2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,1-Dichloroethene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,1-Dichloropropene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	10	10	ug/L	20	08/15/25	MH	SW8260D	
1,2-Dibromoethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,2-Dichloroethane	ND	10	10	ug/L	20	08/15/25	MH	SW8260D	
1,2-Dichloropropane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,3-Dichloropropane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
2,2-Dichloropropane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
2-Chlorotoluene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
2-Hexanone	ND	50	50	ug/L	20	08/15/25	MH	SW8260D	
2-Isopropyltoluene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	1
4-Chlorotoluene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	50	50	ug/L	20	08/15/25	MH	SW8260D	

Ver 1

Project ID: NEW PALTZ PLAZA
Client ID: MW-2

Phoenix I.D.: CT99812

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	50	50	ug/L	20	08/15/25	MH	SW8260D	
Acrolein	ND	50	50	ug/L	20	08/15/25	MH	SW8260D	
Acrylonitrile	ND	10	10	ug/L	20	08/15/25	MH	SW8260D	
Benzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Bromobenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Bromochloromethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Bromodichloromethane	ND	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
Bromoform	ND	50	5.0	ug/L	20	08/15/25	MH	SW8260D	
Bromomethane	ND	10	10	ug/L	20	08/15/25	MH	SW8260D	
Carbon Disulfide	ND	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
Carbon tetrachloride	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Chlorobenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Chloroethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Chloroform	ND	7.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Chloromethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
cis-1,2-Dichloroethene	3800	100	25	ug/L	100	08/15/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Dibromochloromethane	ND	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
Dibromomethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Dichlorodifluoromethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Ethylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Hexachlorobutadiene	ND	4.0	4.0	ug/L	20	08/15/25	MH	SW8260D	
Isopropylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
m&p-Xylene	ND	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
Methyl ethyl ketone	ND	50	50	ug/L	20	08/15/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
Methylene chloride	ND	10	10	ug/L	20	08/15/25	MH	SW8260D	
Naphthalene	ND	10	10	ug/L	20	08/15/25	MH	SW8260D	
n-Butylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
n-Propylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
o-Xylene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
p-Isopropyltoluene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
sec-Butylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Styrene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
tert-Butylbenzene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Tetrachloroethene	860	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND	50	50	ug/L	20	08/15/25	MH	SW8260D	1
Toluene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
trans-1,2-Dichloroethene	26	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	50	50	ug/L	20	08/15/25	MH	SW8260D	
Trichloroethene	410	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
Trichlorofluoromethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Trichlorotrifluoroethane	ND	5.0	5.0	ug/L	20	08/15/25	MH	SW8260D	
Vinyl chloride	290	20	5.0	ug/L	20	08/15/25	MH	SW8260D	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4 (20x)	103			%	20	08/15/25	MH	70 - 130 %	
% Bromofluorobenzene (20x)	93			%	20	08/15/25	MH	70 - 130 %	
% Dibromofluoromethane (20x)	110			%	20	08/15/25	MH	70 - 130 %	

Ver 1

Project ID: NEW PALTZ PLAZA
Client ID: MW-2

Phoenix I.D.: CT99812

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8 (20x)	98			%	20	08/15/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (100x)	103			%	100	08/15/25	MH	70 - 130 %
% Bromofluorobenzene (100x)	94			%	100	08/15/25	MH	70 - 130 %
% Dibromofluoromethane (100x)	107			%	100	08/15/25	MH	70 - 130 %
% Toluene-d8 (100x)	97			%	100	08/15/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

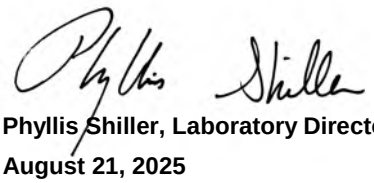
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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Phyllis Shiller, Laboratory Director

August 21, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 21, 2025

FOR: Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		08/12/25	
Location Code:	STERLING	Received by:	CP	08/13/25	17:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2014-45				

Laboratory Data

SDG ID: GCT99808
Phoenix ID: CT99813

Project ID: NEW PALTZ PLAZA
Client ID: TB08122025

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	

Project ID: NEW PALTZ PLAZA
Client ID: TB08122025

Phoenix I.D.: CT99813

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	3.0	JS	5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	08/14/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,2-Dichloroethene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/14/25	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrachloroethene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,2-Dichloroethene	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Trichloroethene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Vinyl chloride	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	104				%	1	08/14/25	MH	70 - 130 %	
% Bromofluorobenzene	96				%	1	08/14/25	MH	70 - 130 %	
% Dibromofluoromethane	109				%	1	08/14/25	MH	70 - 130 %	

Ver 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	08/14/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

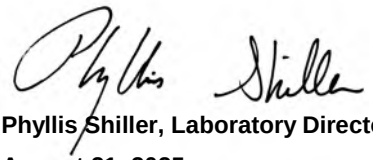
Comments:

TRIP BLANK INCLUDED.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

August 21, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

August 21, 2025

FOR: Attn:
Sterling Env. Engineering
24 Wade Road
Latham, NY 12110

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		08/12/25	
Location Code:	STERLING	Received by:	CP	08/13/25	17:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	2014-45				

Laboratory Data

SDG ID: GCT99808
Phoenix ID: CT99814

Project ID: NEW PALTZ PLAZA
Client ID: DUP08122025

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Volatiles									
1,1,1,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,1-Trichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2,2-Tetrachloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1,2-Trichloroethane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethane	ND	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloroethene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,1-Dichloropropene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,3-Trichloropropane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2,4-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromo-3-chloropropane	ND	0.50	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dibromoethane	ND	0.25	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloroethane	ND	0.60	0.50	ug/L	1	08/14/25	MH	SW8260D	
1,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3,5-Trimethylbenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,3-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
1,4-Dichlorobenzene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2,2-Dichloropropane	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
2-Hexanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
2-Isopropyltoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	1
4-Chlorotoluene	ND	1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
4-Methyl-2-pentanone	ND	2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	

Project ID: NEW PALTZ PLAZA
Client ID: DUP08122025

Phoenix I.D.: CT99814

Parameter	Result		RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference	
Acetone	8.0	S	5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrolein	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Acrylonitrile	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	
Benzene	ND		0.70	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromobenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromodichloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromoform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Bromomethane	ND		5.0	0.50	ug/L	1	08/14/25	MH	SW8260D	
Carbon Disulfide	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Carbon tetrachloride	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chlorobenzene	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloroform	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Chloromethane	ND		5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
cis-1,2-Dichloroethene	130		5.0	1.3	ug/L	5	08/15/25	MH	SW8260D	
cis-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromochloromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dibromomethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Dichlorodifluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Ethylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Hexachlorobutadiene	ND		0.50	0.20	ug/L	1	08/14/25	MH	SW8260D	
Isopropylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
m&p-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methyl ethyl ketone	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Methylene chloride	ND		3.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
Naphthalene	ND		1.0	1.0	ug/L	1	08/14/25	MH	SW8260D	
n-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
n-Propylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
o-Xylene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
p-Isopropyltoluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
sec-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Styrene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
tert-Butylbenzene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Tetrachloroethene	120		5.0	1.3	ug/L	5	08/15/25	MH	SW8260D	
Tetrahydrofuran (THF)	ND		5.0	2.5	ug/L	1	08/14/25	MH	SW8260D	1
Toluene	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,2-Dichloroethene	1.9	J	5.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,3-Dichloropropene	ND		0.40	0.25	ug/L	1	08/14/25	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND		2.5	2.5	ug/L	1	08/14/25	MH	SW8260D	
Trichloroethene	31		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorofluoromethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Trichlorotrifluoroethane	ND		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
Vinyl chloride	8.1		1.0	0.25	ug/L	1	08/14/25	MH	SW8260D	
QA/QC Surrogates										
% 1,2-dichlorobenzene-d4	103				%	1	08/14/25	MH	70 - 130 %	
% Bromofluorobenzene	93				%	1	08/14/25	MH	70 - 130 %	
% Dibromofluoromethane	109				%	1	08/14/25	MH	70 - 130 %	

Ver 1

Project ID: NEW PALTZ PLAZA
Client ID: DUP08122025

Phoenix I.D.: CT99814

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99			%	1	08/14/25	MH	70 - 130 %
% 1,2-dichlorobenzene-d4 (5x)	104			%	5	08/15/25	MH	70 - 130 %
% Bromofluorobenzene (5x)	93			%	5	08/15/25	MH	70 - 130 %
% Dibromofluoromethane (5x)	109			%	5	08/15/25	MH	70 - 130 %
% Toluene-d8 (5x)	98			%	5	08/15/25	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

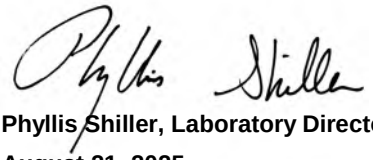
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

S - Laboratory solvent, contamination is possible.

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Phyllis Shiller, Laboratory Director

August 21, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

QA/QC Report

August 21, 2025

QA/QC Data

SDG I.D.: GCT99808

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 798982 (ug/L), QC Sample No: CT99811 (CT99811)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	106	104	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	110	104	5.6				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	104	102	1.9				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	107	106	0.9				70 - 130	30
1,1-Dichloroethane	ND	1.0	105	103	1.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	105	99	5.9				70 - 130	30
1,1-Dichloropropene	ND	1.0	110	109	0.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	132	132	0.0				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	119	115	3.4				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	123	122	0.8				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	113	110	2.7				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	122	118	3.3				70 - 130	30
1,2-Dibromoethane	ND	1.0	107	108	0.9				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
1,2-Dichloroethane	ND	1.0	102	103	1.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	103	102	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	115	111	3.5				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	107	104	2.8				70 - 130	30
1,3-Dichloropropane	ND	1.0	106	107	0.9				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	108	104	3.8				70 - 130	30
2,2-Dichloropropane	ND	1.0	114	107	6.3				70 - 130	30
2-Chlorotoluene	ND	1.0	107	108	0.9				70 - 130	30
2-Hexanone	ND	5.0	109	108	0.9				70 - 130	30
2-Isopropyltoluene	ND	1.0	113	111	1.8				70 - 130	30
4-Chlorotoluene	ND	1.0	111	111	0.0				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	103	105	1.9				70 - 130	30
Acetone	ND	5.0	110	112	1.8				70 - 130	30
Acrolein	ND	5.0	95	94	1.1				70 - 130	30
Acrylonitrile	ND	5.0	106	107	0.9				70 - 130	30
Benzene	ND	0.70	108	108	0.0				70 - 130	30
Bromobenzene	ND	1.0	111	108	2.7				70 - 130	30
Bromochloromethane	ND	1.0	106	106	0.0				70 - 130	30
Bromodichloromethane	ND	0.50	106	105	0.9				70 - 130	30
Bromoform	ND	1.0	109	109	0.0				70 - 130	30
Bromomethane	ND	1.0	95	88	7.7				70 - 130	30
Carbon Disulfide	ND	1.0	113	108	4.5				70 - 130	30
Carbon tetrachloride	ND	1.0	109	104	4.7				70 - 130	30
Chlorobenzene	ND	1.0	105	105	0.0				70 - 130	30
Chloroethane	ND	1.0	110	106	3.7				70 - 130	30
Chloroform	ND	1.0	106	103	2.9				70 - 130	30
Chloromethane	ND	1.0	109	105	3.7				70 - 130	30

QA/QC Data

SDG I.D.: GCT99808

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
cis-1,2-Dichloroethene	ND	1.0	107	106	0.9				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	110	111	0.9				70 - 130	30
Dibromochloromethane	ND	0.50	110	111	0.9				70 - 130	30
Dibromomethane	ND	1.0	106	106	0.0				70 - 130	30
Dichlorodifluoromethane	ND	1.0	130	123	5.5				70 - 130	30
Ethylbenzene	ND	1.0	111	109	1.8				70 - 130	30
Hexachlorobutadiene	ND	0.40	114	110	3.6				70 - 130	30
Isopropylbenzene	ND	1.0	119	114	4.3				70 - 130	30
m&p-Xylene	ND	1.0	113	111	1.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	103	100	3.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	105	105	0.0				70 - 130	30
Methylene chloride	ND	1.0	104	101	2.9				70 - 130	30
Naphthalene	ND	1.0	114	114	0.0				70 - 130	30
n-Butylbenzene	ND	1.0	117	115	1.7				70 - 130	30
n-Propylbenzene	ND	1.0	112	108	3.6				70 - 130	30
o-Xylene	ND	1.0	115	113	1.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	117	115	1.7				70 - 130	30
sec-Butylbenzene	ND	1.0	113	111	1.8				70 - 130	30
Styrene	ND	1.0	114	113	0.9				70 - 130	30
tert-Butylbenzene	ND	1.0	117	111	5.3				70 - 130	30
Tetrachloroethene	ND	1.0	109	109	0.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	114	110	3.6				70 - 130	30
Toluene	ND	1.0	106	104	1.9				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	107	103	3.8				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	108	109	0.9				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	95	102	7.1				70 - 130	30
Trichloroethene	ND	1.0	107	109	1.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	113	109	3.6				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	110	107	2.8				70 - 130	30
Vinyl chloride	ND	1.0	118	114	3.4				70 - 130	30
% 1,2-dichlorobenzene-d4	103	%	100	99	1.0				70 - 130	30
% Bromofluorobenzene	94	%	100	101	1.0				70 - 130	30
% Dibromofluoromethane	107	%	99	98	1.0				70 - 130	30
% Toluene-d8	97	%	98	99	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 799133 (ug/L), QC Sample No: CU00796 (CT99810 (5X) , CT99812 (20X, 100X) , CT99814 (5X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	106	104	1.9				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	102	106	3.8				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	97	101	4.0				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	103	104	1.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	101	105	3.9				70 - 130	30
1,1-Dichloroethene	ND	1.0	99	100	1.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	107	109	1.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	124	128	3.2				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	111	105	5.6				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	118	123	4.1				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	108	110	1.8				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	120	118	1.7				70 - 130	30
1,2-Dibromoethane	ND	1.0	102	106	3.8				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	101	103	2.0				70 - 130	30

QA/QC Data

SDG I.D.: GCT99808

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,2-Dichloroethane	ND	1.0	100	103	3.0				70 - 130	30
1,2-Dichloropropane	ND	1.0	99	100	1.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	110	112	1.8				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	104	104	0.0				70 - 130	30
1,3-Dichloropropane	ND	1.0	104	105	1.0				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	102	103	1.0				70 - 130	30
2,2-Dichloropropane	ND	1.0	106	112	5.5				70 - 130	30
2-Chlorotoluene	ND	1.0	104	107	2.8				70 - 130	30
2-Hexanone	ND	5.0	105	108	2.8				70 - 130	30
2-Isopropyltoluene	ND	1.0	108	111	2.7				70 - 130	30
4-Chlorotoluene	ND	1.0	106	109	2.8				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	103	105	1.9				70 - 130	30
Acetone	ND	5.0	110	110	0.0				70 - 130	30
Acrolein	ND	5.0	93	96	3.2				70 - 130	30
Acrylonitrile	ND	5.0	105	106	0.9				70 - 130	30
Benzene	ND	0.70	104	106	1.9				70 - 130	30
Bromobenzene	ND	1.0	104	106	1.9				70 - 130	30
Bromochloromethane	ND	1.0	103	106	2.9				70 - 130	30
Bromodichloromethane	ND	0.50	102	104	1.9				70 - 130	30
Bromoform	ND	1.0	107	110	2.8				70 - 130	30
Bromomethane	ND	1.0	87	90	3.4				70 - 130	30
Carbon Disulfide	ND	1.0	109	112	2.7				70 - 130	30
Carbon tetrachloride	ND	1.0	106	107	0.9				70 - 130	30
Chlorobenzene	ND	1.0	102	104	1.9				70 - 130	30
Chloroethane	ND	1.0	102	107	4.8				70 - 130	30
Chloroform	ND	1.0	100	104	3.9				70 - 130	30
Chloromethane	ND	1.0	105	107	1.9				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	103	102	1.0				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	107	109	1.9				70 - 130	30
Dibromochloromethane	ND	0.50	106	108	1.9				70 - 130	30
Dibromomethane	ND	1.0	101	105	3.9				70 - 130	30
Dichlorodifluoromethane	ND	1.0	125	127	1.6				70 - 130	30
Ethylbenzene	ND	1.0	104	108	3.8				70 - 130	30
Hexachlorobutadiene	ND	0.40	112	117	4.4				70 - 130	30
Isopropylbenzene	ND	1.0	111	113	1.8				70 - 130	30
m&p-Xylene	ND	1.0	108	110	1.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	98	101	3.0				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	104	108	3.8				70 - 130	30
Methylene chloride	ND	1.0	97	101	4.0				70 - 130	30
Naphthalene	ND	1.0	109	110	0.9				70 - 130	30
n-Butylbenzene	ND	1.0	111	115	3.5				70 - 130	30
n-Propylbenzene	ND	1.0	104	110	5.6				70 - 130	30
o-Xylene	ND	1.0	111	113	1.8				70 - 130	30
p-Isopropyltoluene	ND	1.0	112	114	1.8				70 - 130	30
sec-Butylbenzene	ND	1.0	108	113	4.5				70 - 130	30
Styrene	ND	1.0	109	111	1.8				70 - 130	30
tert-Butylbenzene	ND	1.0	110	111	0.9				70 - 130	30
Tetrachloroethene	ND	1.0	107	111	3.7				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	105	110	4.7				70 - 130	30
Toluene	ND	1.0	101	105	3.9				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	105	106	0.9				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	106	110	3.7				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	94	101	7.2				70 - 130	30

QA/QC Data

SDG I.D.: GCT99808

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichloroethene	ND	1.0	118	111	6.1				70 - 130	30
Trichlorofluoromethane	ND	1.0	107	110	2.8				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	105	108	2.8				70 - 130	30
Vinyl chloride	ND	1.0	112	115	2.6				70 - 130	30
% 1,2-dichlorobenzene-d4	102	%	101	100	1.0				70 - 130	30
% Bromofluorobenzene	95	%	100	100	0.0				70 - 130	30
% Dibromofluoromethane	107	%	103	100	3.0				70 - 130	30
% Toluene-d8	97	%	99	99	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
August 21, 2025

Thursday, August 21, 2025

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCT99808 - STERLING

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT99808	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	7.4	1.0	5	5	ug/L
CT99808	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CT99808	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CT99808	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT99808	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	33	1.0	5	5	ug/L
CT99808	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	7.4	1.0	5	5	ug/L
CT99809	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	10	1.0	5	5	ug/L
CT99809	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	23	1.0	5	5	ug/L
CT99809	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT99809	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	94	1.0	5	5	ug/L
CT99809	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CT99809	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	23	1.0	5	5	ug/L
CT99809	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CT99809	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	10	1.0	5	5	ug/L
CT99810	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	30	1.0	5	5	ug/L
CT99810	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	8.1	1.0	2	2	ug/L
CT99810	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	120	5.0	5	5	ug/L
CT99810	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	130	5.0	5	5	ug/L
CT99810	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT99810	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	8.1	1.0	2	2	ug/L
CT99810	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	120	5.0	5	5	ug/L
CT99810	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	30	1.0	5	5	ug/L
CT99810	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CT99810	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CT99811	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT99811	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CT99811	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CT99812	$8260DP25R	1,2-Dichlorobenzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	4.7	4.7	ug/L
CT99812	$8260DP25R	Benzene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	5.0	0.7	0.7	ug/L
CT99812	$8260DP25R	Methylene chloride	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CT99812	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	860	20	5	5	ug/L
CT99812	$8260DP25R	1,2-Dichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CT99812	$8260DP25R	trans-1,2-Dichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	26	5.0	5	5	ug/L
CT99812	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	410	20	5	5	ug/L
CT99812	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	290	20	2	2	ug/L
CT99812	$8260DP25R	Naphthalene	NY / TAGM - Volatile Organics / Groundwater Standards	ND	10	5	5	ug/L
CT99812	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.04	0.04	ug/L
CT99812	$8260DP25R	1,1,2-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CT99812	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	860	20	5	5	ug/L

Thursday, August 21, 2025

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCT99808 - STERLING

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CT99812	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	290	20	2	2	ug/L
CT99812	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	410	20	5	5	ug/L
CT99812	$8260DP25R	trans-1,4-dichloro-2-butene	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CT99812	$8260DP25R	1,2-Dichloroethane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.6	0.6	ug/L
CT99812	$8260DP25R	trans-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	26	5.0	5	5	ug/L
CT99812	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	10	0.04	0.04	ug/L
CT99812	$8260DP25R	Methylene chloride	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CT99812	$8260DP25R	Hexachlorobutadiene	NY / TOGS - Water Quality / GA Criteria	ND	4.0	0.5	0.5	ug/L
CT99812	$8260DP25R	cis-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CT99812	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.0006	0.0006	ug/L
CT99812	$8260DP25R	Bromomethane	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CT99812	$8260DP25R	Benzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CT99812	$8260DP25R	Acrylonitrile	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
CT99812	$8260DP25R	Acrolein	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
CT99812	$8260DP25R	1,3-Dichlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	3	3	ug/L
CT99812	$8260DP25R	1,2-Dichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
CT99812	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	3800	100	5	5	ug/L
CT99812	$8260DP25R	trans-1,3-Dichloropropene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
CT99814	$8260DP25R	Vinyl chloride	NY / TAGM - Volatile Organics / Groundwater Standards	8.1	1.0	2	2	ug/L
CT99814	$8260DP25R	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	31	1.0	5	5	ug/L
CT99814	$8260DP25R	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	120	5.0	5	5	ug/L
CT99814	$8260DP25R	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	31	1.0	5	5	ug/L
CT99814	$8260DP25R	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	120	5.0	5	5	ug/L
CT99814	$8260DP25R	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	130	5.0	5	5	ug/L
CT99814	$8260DP25R	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CT99814	$8260DP25R	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CT99814	$8260DP25R	Vinyl chloride	NY / TOGS - Water Quality / GA Criteria	8.1	1.0	2	2	ug/L
CT99814	$8260DP25R	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

August 21, 2025

SDG I.D.: GCT99808

The samples in this delivery group were received at 2.2°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

Temp 2.2 °C Pg of

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
[ ] Phone: 518 456 4900
[ ] Fax:
[ ] Email: See Comments

Customer: Sterling Env.
Address: 24 Wade Rd
Cohoes NY 12010

Project: New Paltz Plaza
Report to: Paul Scholar
Invoice to: Sterling
QUOTE # :

Project P.O: 2014-45

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 8/12/2025

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs 8260C	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NAHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz.	GL Soil container ( ) oz.	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H_2SO_4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NAOH 250ml	PL HNO_3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
99808	MW-11	GW	8/12/25	1225		X					3							
99809	MW-10			1305		X					3							
99810	MW-9			1345		X					3							
99811	BR-2			1435		X					3							
99812	MW-2			1515		X					3							
99813	TB08122025	LW		-		X					2							
99814	Dup08122025	GW		-		X					3							

Relinquished by:	Accepted by:	Date:	Time:
[signature]		8/13/25	1645
GTIAL	[signature] See	8/13/25	1727

Comments, Special Requirements or Regulations:
Report to: Report EQuIS
paul.scholar@ CAT. B
sterlingenvironmental.com

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

TB Date 8/8/25 (JW)

Data Format:
[X] Phoenix Std Report [ ] EQuIS
[X] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 4 Days*
[ ] 5 Days*
[X] Standard
* SURCHARGE APPLIES

Data Package:
[ ] NJ Reduced Deliv. *
[X] NY Enhanced (ASP B) *
[X] Other EQuIS

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

NY
[X] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential Restricted Soil
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected? NY

APPENDIX G

Historical Groundwater Analytical Results for Abandoned Wells

Well MW-1
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/21/1996	3/7/1996	3/19/1996	2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998	2/26/1999	8/2/2001
Halogenated Volatile Organics												
Vinyl Chloride	<10.0	U	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.81J
cis-1,2-Dichloroethene	<5.0	5.5	<1.0	<1.0	<1.0	7.7	4.0	5.0	6.1	2.5	1.7	0.92J
Trichloroethene	16.0	7.1	<1.0	<1.0	<1.0	9.3	5.0	7.1	15	3.9	2.8	4.3
Tetrachloroethene	65	39	<1.0	1.1	2.6	57	28	38	62	23	19	12
Methylene Chloride	<5.0	NR	<1.0	U	U	<1.0	<1.0	<1.0	2	<1.0	<1.0	<1.0
TOTAL VOCs	**81.0**	**51.6**	**ND**	**1.1**	**2.6**	**74.0**	**37.0**	**50.1**	**85.1**	**29.4**	**23.5**	**18.0**

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011
Halogenated Volatile Organics												
Vinyl Chloride	0.99J	0.60J	1.8	2.5	2.8	<1.0	1.4	<1.0	<5.0	<5.0	<10.0	<5.0
cis-1,2-Dichloroethene	<1.0	1.1	4	1.0J	2.8	2	2.7	5.0J	<5.0	<5.0	<5.0	<5.0
Trichloroethene	1.9	2.2	8.7	2.8	6.9	4.6	5.3	5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	3.2	7.6	21	1	10	9.9	14	18	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<9.0	<5.0	<5.0	<5.0	2.6J,B
TOTAL VOCs	**5.1**	**10.9**	**35.5**	**7.3**	**22.5**	**16.5**	**23.4**	**28.0**	**ND**	**ND**	**ND**	**2.6**

	4/3/2013
Halogenated Volatile Organics	
Vinyl Chloride	<1.0
cis-1,2-Dichloroethene	1.1 J
Trichloroethene	1.9
Tetrachloroethene	3.8
Methylene Chloride	<2.5
TOTAL VOCs	**6.8**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NR = result not reported for indicated compound.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
7. B = Indicates the compound was detected in the field blank sample or associated batch blank.

Well MW-3
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	12/91	9/94	2/5/1996	3/7/1996	3/19/1996	2/7/1997	1/20/1998	5/14/1998	8/27/1998	12/4/1998	2/26/1999	8/2/2001	11/6/2001
Halogenated Volatile Organics													
Vinyl Chloride	<10.0	U	1.8	1.4	2.2	<1.0	1	<1.0	<1.0	<1.0	<1.0	<1.0	0.69J
cis-1,2-Dichloroethene	<5.0	10	7.0	7.9	12	3.8	7.0	7.2	11	10	6.4	12	9.3
1,1,1-Trichloroethane	<5.0	U	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	3.0	<5.0	<1.0	<1.0	<1.0	<1.0	0.8J	0.8J	1.2	1.2	0.7J	1.1	1.1
Tetrachloroethene	15	<5.0	2.9	<1.0	8.6	0.5	0.7J	0.6J	1J	0.7J	0.5J	0.77J	<1.0
Aromatic Volatile Organics													
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	<1.0	1.0	<1.0	<1.0	0.7J	<1.0	<1.0
Benzene	<5.0	U	<0.5	NA	NA	NA	<1.0	<1.0	<1.0	0.5J	<1.0	<1.0	<1.0
TOTAL VOCs	**18**	**10**	**11.7**	**9.3**	**22.8**	**4.3**	**9.5**	**9.6**	**13.2**	**11.9**	**8.3**	**0.8**	**11.09**

	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection; November 2003	5/19/2004	8/18/2004	11/16/2004	2/21/2005	8/30/2005	8/30/2005 (DUP)	8/31/2006	HRC Injection; September 2006
Halogenated Volatile Organics													
Vinyl Chloride	<1.0	1.2	<1.0	1.7		1.8	2.9	3.0	2.0	2	1.4	1.0J	
cis-1,2-Dichloroethene	6.1	6.4	17	12		7.9	12	7.2	4.5	9.8	9.6	5.0	
1,1,1-Trichloroethane	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Trichloroethene	0.78J	0.7J	1.2	1.2		1.4	1.3	1.0	0.56J	1.0	0.97J	<1.0	
Tetrachloroethene	<1.0	<1.0	0.7J	<1.0		0.6J	0.6J	0.6J	<1.0	<1.0	<1.0	<1.0	
Aromatic Volatile Organics													
sec-Butylbenzene	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Benzene	<1.0	0.6J	0.9J	<1.0		0.6J,B	<1.0	<1.0	<1.0	<1.0	0.53J	<1.0	
TOTAL VOCs	**6.9**	**8.3**	**19.8**	**14.9**		**12.3**	**16.8**	**11.8**	**7.06**	**12.8**	**12.5**	**6.0**	

Notes:

1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. NA = Sample not analyzed for the indicated compound.
5. All results are in micrograms per liter (ug/l, ppb).
6. B = Indicates the compound was detected in the field blank sample.
7. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).
8. MW-3 was not sampled on 12/14/06,3/28/07, 6/21/07, 8/30/07, 3/7/08, 9/25/08, 6/10/09, and 6/9/2011 due to the presence of HRC in the well. MW-3 was not sampled on 4/3/2013 due to blockage at a depth of 4 ft. (to be assesed during next sampling event)

Well MW-4

Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	12/91	9/94	02/05/96	03/07/96	03/19/96	02/07/97	01/20/98	05/14/98	(Dup) 05/14/98	08/27/98	12/04/98	02/26/99	8/2/2001
Vinyl Chloride	<10.0	U	10	<2.0	<5.0	2.2	39	5.5	5.7	70	43	17	14
cis-1,2-Dichloroethene	<5.0	36	240	46	220	120	120E	88	87	310	220	120	130
1,1,1-Trichloroethane	<5.0	U	<10.0	<2.0	<5.0	6.8	0.8J	<1.0	<1.0	2.6	1.1	<1.0	0.84J
Trichloroethene	8.0	18	32	10	26	24	35	30	31	48	46	25	27
Tetrachloroethene	178	200	310	110	290	88	210	190	180	230	210	130	130
Chloroethane	<10.0	U	<10.0	U	U	<1	2.0	<1.0	<1.0	2.6	6.3	2.0	<1.0
1, 1-Dichloroethene	<5.0	U	<10.0	U	U	<1	<1.0	<1.0	<1.0	0.6J	<1.0	<1.0	<1.0
trans 1,2-Dichloroethene	<5.0	U	<10.0	U	U	<1	<1.0	<1.0	<1.0	0.9J	0.8J	0.5J	0.83J
Chloroform	<5.0	U	<10.0	U	U	<1	<1.0	<1.0	<1.0	<1.0	<1.0	0.6J	0.94J
TOTAL VOCs	**186.0**	**254**	**592**	**166**	**536**	**241.0**	**286.8**	**313.5**	**303.7**	**663.2**	**527.2**	**295.1**	**303.6**

	11/6/2001	2/19/2002	(Dup) 2/19/2002	5/15/2002	(Dup) 5/15/2002	8/15/2002	8/21/2003	(Dup) 8/21/2003	8/18/2004	(Dup) 8/18/2004	8/30/2005	8/31/2006	8/30/2007
Vinyl Chloride	31	28	28	5.5	5.1	36	6.1	6.5	8.0	6.3	24	1.0J	27
cis-1,2-Dichloroethene	140	88	80	28	28	150	55	61	66	60	140	23	110
1,1,1-Trichloroethane	1.4	0.79J	0.71J	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
Trichloroethene	39	25	23	14	14	40	29	31	29	25	23	8.0	23.0
Tetrachloroethene	180	110	120	86	88	170	130	160	170	170	90	67	110
Chloroethane	4.4	6.7	6.2	1.7	1.6	9.9	<1.0	1.4	<1.0	1.4	4.5	<1.0	<5.0
1, 1-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
trans 1,2-Dichloroethene	1.2	0.68J	0.65J	<1.0	<1.0	1.4	0.7J	0.8J	0.7J	0.6J	<1.0	<1.0	<5.0
Chloroform	1.1	0.78J	0.69J	0.9J	0.9J	1.2	1.0J	1.1	0.9J	<1.0	<1.0	<1.0	<5.0
TOTAL VOCs	**398.1**	**260.0**	**259.3**	**136.1**	**137.6**	**409.7**	**221.8**	**261.8**	**274.6**	**263.3**	**281.5**	**99.0**	**270.0**

	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Vinyl Chloride	21	<10.0	1.2J	<1.0
cis-1,2-Dichloroethene	98	<5.0	26	13
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<2.5
Trichloroethene	15	<5.0	5.8	4.5
Tetrachloroethene	67	6.6	58	41
Chloroethane	<5.0	<10.0	<5.0	<2.5
1, 1-Dichloroethene	<5.0	<5.0	<5.0	<0.5
trans 1,2-Dichloroethene	<5.0	<5.0	<5.0	<2.5
Chloroform	<5.0	<5.0	<5.0	<2.5
TOTAL VOCs	**201**	**6.6**	**91.0**	**58.5**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. U = Indicates the compound was analyzed, but not detected.
3. J = Indicates an estimated value less than the lowest standard.
4. E = Indicates an estimated value greater than the highest standard.
5. All results are in micrograms per liter (ug/l, ppb).
6. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-6
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	HRC Injection; November 2003	5/19/2004
Halogenated Volatile Organics													
Vinyl Chloride	5.0	1.4	12	3.6	12	13	24	2.5	<1.0	7.9	1.2		13
cis-1,2-Dichloroethene	35	24	91	76	66	85	460	89	21	83	19		75
Trichloroethene	14	7.9	24	20	8.4	12	96	34	8.9	13	5.6		2.9
Tetrachloroethene	41	46	53	42	23	26	56	29	19	24	20		4.5
Chloroethane	<1.0	<1.0	3.4	1.2	<1.0	<1.0	5.3	<1.0	<1.0	<1.0	<1.0		<1.0
trans-1,2-Dichloroethene	<1.0	<1.0	1.1	1.0	1.0	0.94J	3.6	<1.0	<1.0	<1.0	<1.0		1.6
1,1 Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0		<1.0
Aromatic Volatile Organics													
Benzene	<1.0	<1.0	0.6J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0
sec-Butylbenzene	<1.0	<1.0	1.3	<1.0	<1.0	0.7J	1.1	<1.0	<1.0	1.0	<1.0		<1.0
TOTAL VOCs	**95**	**79.3**	**186.4**	**143.8**	**110.4**	**1.6**	**647.2**	**154.5**	**48.9**	**128.9**	**45.8**		**97.0**

	8/18/2004	11/16/2004	2/21/2005	8/30/2005	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009
Halogenated Volatile Organics													
Vinyl Chloride	8.8	17	23	84	<1.0		1.0J	<5.0	<5.0	<5.0	6	10	<10
cis-1,2-Dichloroethene	11	25	37	470	7.0		2.0J	<5.0	<5.0	<5.0	<5.0	9	<5.0
Trichloroethene	1.9	1.3	1.3	3.7	1.0J		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	4.9	1.1	1.0	2.3	2.0J		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chloroethane	<1.0	1.3	0.55J	3.8	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
trans-1,2-Dichloroethene	<1.0	0.88J	0.77J	3.7	<1.0		NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
1,1 Dichloroethene	<1.0	<1.0	<1.0	0.77J	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Aromatic Volatile Organics													
Benzene	<1.0	<1.0	<1.0	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
sec-Butylbenzene	<1.0	<1.0	0.51J	<1.0	<1.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
TOTAL VOCs	**26.6**	**46.6**	**64.1**	**568.3**	**10.0**		**3.0**	**ND**	**ND**	**ND**	**6**	**19**	**ND**

	6/9/2011	4/3/2013
Halogenated Volatile Organics		
Vinyl Chloride	15	1.8
cis-1,2-Dichloroethene	38	7.2
Trichloroethene	<5.0	0.47 J
Tetrachloroethene	<5.0	1.0
Chloroethane	<5.0	<2.5
trans-1,2-Dichloroethene	<5.0	<2.5
1,1 Dichloroethene	<5.0	<0.5
Aromatic Volatile Organics		
Benzene	<5.0	<0.5
sec-Butylbenzene	<5.0	<2.5
TOTAL VOCs	53	10.47

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J= Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-7
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/4/1998	2/26/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics											
Vinyl Chloride	4.0	1.4	4.3	3.6	<1.0	1.6	2.2	0.69J	0.6J	1.3	1.2
cis-1,2-Dichloroethene	32	28	58	43	24	18	22	13	8.2	16	12
Trichloroethene	18	20	27	23	17	16	17	11	11	14	15
Tetrachloroethene	93	110	160	130	98	88	98	72	48	68	57
TOTAL VOCs	**147**	**159.4**	**249.3**	**199.6**	**139**	**123.6**	**139.2**	**96.7**	**67.8**	**99.3**	**85.2**

	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Halogenated Volatile Organics								
Vinyl Chloride	0.9J	<1.0	<1.0	<5.0	<5.0	<10	<5.0	1.1
cis-1,2-Dichloroethene	12	12	4.0J	27	24	<5.0	8.8	2.0 J
Trichloroethene	13	10	4.0J	6	5	<5.0	2.9J	0.79
Tetrachloroethene	63	63	18	10	7	<5.0	5.0	0.96
TOTAL VOCs	**88.9**	**85**	**26.0**	**43.0**	**36.0**	**ND**	**16.7**	**4.85**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. All results are in micrograms per liter (ug/l, ppb).
3. J= Indicates an estimated value less than the lowest standard.
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-8
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/13/1998	8/26/1998	12/3/1998	12/3/1998 (Dup)	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002
Halogenated Volatile Organics											
Vinyl Chloride	2.0	6.0	2.2	1.1	1.2	<1.0	<1.0	<1.0	<1.0	0.8J	<1.0
cis-1,2-Dichloroethene	3.0	7.4	9.4	6.1	6.2	2.3	6.1	6.4	3.6	4.3	7.0
Trichloroethene	0.8J	<1.0	3.3	2.2	2.4	0.9J	2.7	3.0	1.8	1.5	1.8
Tetrachloroethene	2.0	<1.0	20	9.9	10.0	<1.0	19	18	10	7.0	7.0
Methylene Chloride	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL VOCs	**7.8**	**13.4**	**35.9**	**19.3**	**19.8**	**3.2**	**27.8**	**27.4**	**15.4**	**12.8**	**15.8**

	8/21/2003	8/18/2004	8/30/2005
Halogenated Volatile Organics			
Vinyl Chloride	0.8J	<1.0	<1.0
cis-1,2-Dichloroethene	7.0	8.0	2.3
Trichloroethene	1.1	2.4	1.4
Tetrachloroethene	3.2	14	9.8
Methylene Chloride	<1.0	<1.0	<1.0
TOTAL VOCs	**12.1**	**24.4**	**13.5**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well MW-12
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

Halogenated Volatile Organics	8/31/2006	HRC Injection; September 2006	12/14/2006	3/28/2007	6/21/2007	8/30/2007	3/7/2008	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Vinyl Chloride	5.0 J		5.0	<5.0	<5.0	56	5	<50	<20	4.8J	<1.0
trans-1,2-Dichloroethene	1.0 J		3.0 J	<5.0	<5.0	<5.0	<5.0	<50	<10	1.1J	<2.5
cis-1,2-Dichloroethene	230		580	400	670	850	24	620	380	170	39
Trichloroethene	80		81	34	43	48	21	<50	42	23	3.5
Tetrachloroethene	510		170	120	140	140	65	97	140	78	7.5
Methylene Chloride	<14		2JB	<5.0	<5.0	<5.0	<5.0	<50	<10	2.5J,B	<2.5
1,1-Dichloroethene	<5.0		1.0J	<5.0	<5.0	<5.0	<5.0	<50	<10	<5.0	<0.5
TOTAL VOCs	**826**		**840**	**554**	**853**	**1,038**	**110**	**717**	**562**	**279.4**	**50**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
3. All results are in micrograms per liter (ug/l, ppb).
4. B = Indicates the compound was detected in the field blank sample or associated analysis batch blank.

Well BR-1
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/3/1998	2/26/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003
Halogenated Volatile Organics											
Vinyl Chloride	4.0	1.5	0.9J	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	20	11	9.6	11	6.6	3.4	3.9	2.5	3.4	3.8	3.5
Trichloroethene	2.0	0.8J	<1.0	0.7J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	12	5.0	1.9	4.0	2.6	1.2	0.90J	0.74J	1.5	1.7	1.8
TOTAL VOCs	**38**	**18.3**	**12.4**	**16.8**	**9.2**	**4.6**	**4.8**	**3.2**	**4.9**	**5.5**	**5.3**

	8/18/2004	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009	6/9/2011	4/3/2013
Halogenated Volatile Organics								
Vinyl Chloride	<1.0	<1.0	<1.0	<5.0	<5.0	<10	<5.0	<1.0
cis-1,2-Dichloroethene	2.5	3.2	1.0 J	6	6	5.9	1.4J	1.8 J
Trichloroethene	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	0.18 J
Tetrachloroethene	1.4	2.2	1.0 J	<5.0	<5.0	<5.0	<5.0	1.2
TOTAL VOCs	**3.9**	**5.4**	**2.0**	**6.0**	**6.0**	**5.9**	**1.4**	**1.98**

Notes:
1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

Well BR-3
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	1/20/1998	5/14/1998	8/26/1998	12/3/1998	2/25/1999	8/2/2001	11/6/2001	2/19/2002	5/15/2002	8/15/2002
Halogenated Volatile Organics										
Vinyl Chloride	<1.0	<1.0	<1.0	1.6	<1.0	1.8	2.9	1.2	0.7J	2.6
cis-1,2-Dichloroethene	<1.0	4.2	8.3	26	15	54	100	32	16	91
Trichloroethene	<1.0	<1.0	<1.0	1.9	0.8J	6.7	19	3.2	2.0	12
Tetrachloroethene	0.6J	3.0	2.5	18	7.7	46	120	20	13	70
Methylene Chloride	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.76J	<1.0	<1.0	<1.0
TOTAL VOCs	**0.6**	**7.2**	**12.0**	**47.5**	**23.5**	**108.5**	**242.7**	**56.4**	**31.7**	**175.6**

Notes:

Well BR-3 was abandoned on August 21, 2003 in accordance with the NYSDEC-approved Contingency Plan Addendum dated October 3, 20

1. Results shown only for compounds which were historically detected at or above the laboratory practical quantitation limit (PQL).
2. J = Indicates an estimated value less than the lowest standard.
3. All results are in micrograms per liter (ug/l, ppb).

Well BR-4
Summary of Ground Water Sampling Analytical Results
Volatile Organic Compounds
Revonak Dry Cleaners Site No. 356021

	11/6/2001	2/19/2002	5/15/2002	8/15/2002	8/21/2003	8/18/2004	2/21/2005	8/30/2005	8/31/2006	8/30/2007	9/25/2008	6/10/2009
Halogenated Volatile Organics												
Vinyl Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<10
cis-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	11
Trichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Tetrachloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0
Aromatic Volatile Organics												
MTBE	NA	NA	<1.0	NA	NA	NA	NA	NA	<1.0	<5.0	<5.0	<5.0
TOTAL VOCs	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**

	6/9/2011	(DUP) 6/9/2011	4/3/2013
Halogenated Volatile Organics			
Vinyl Chloride	<5.0	<5.0	<1.0
cis-1,2-Dichloroethene	<5.0	<5.0	<2.5
Trichloroethene	<5.0	<5.0	<0.5
Tetrachloroethene	<5.0	<5.0	<0.5
Aromatic Volatile Organics			
MTBE	<5.0	<5.0	<2.5
TOTAL VOCs	**ND**	**ND**	**ND**

Notes:
1. J = Indicates an estimated value less than the lowest standard.
2. All results are in micrograms per liter (ug/l, ppb).
3. NA = Compound not analyzed.
4. The Sample Blank from August 18, 2004 sampling displayed an elevated level of Tetrachloroethane (2.1 ppb).

APPENDIX H

NYSDEC Institutional and Engineering Control Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. V00087

Site Name New Paltz Plaza/Revonak Dry Cleaners

Site Address: Route 299 Zip Code: 12561
City/Town: New Paltz
County: Ulster
Site Acreage: 14.510

Reporting Period: August 30, 2022 to August 30, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	X	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00087 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
86.12-6-5.1	New Paltz Properties, LLC	Site Management Plan Soil Management Plan Monitoring Plan Ground Water Use Restriction Landuse Restriction IC/EC Plan

1. Imposition of an institutional control in the form of a deed restriction on the 13.5-acre plaza property, including the former Revonak Dry Cleaners Site.

2. The property may not be used for a higher level of use, such as unrestricted residential use without additional remediation and amendment of the March 2010 Record of Decision, as approved by the NYSDEC.

3. All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the approved Site Management Plan (SMP).

4. Restricts the use of groundwater as a source of potable or process water,without necessary water quality treatment as determined by the NYSDEC, NYSDOH or Ulster County Department of Health.

5. The potential for vapor intrusion must be evaluated for any buildings developed in the New Paltz Plaza shopping center, and any potential impacts that are identified must be monitored or mitigated.

6. Vegetable gardens and farming on the property are prohibited.

7. New Paltz Plaza, future site owners, or the owner's representative will submit to NYSDEC a written statement that certifies, under penalty of perjury, that:(a) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (b) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
86.12-6-5.1	Vapor Mitigation Vapor Mitigation

1. A contingency plan that allows for further groundwater remediation via application of hydrgoen release compound (HRC)or other similar technology (e.g., in-situ chemical oxidation), in the event that tetrachloroethlene (PCE), volatile organics and/or their breakdown compounds remain consistently above groundwater standards or have not become asymptotic (i.e., the concentrations of volatile organics remain at their lowest without any further reduction in concentration) at an acceptable level over an extended period.

2. Operation and maintenance of the eight active sub-slab depressurization (SSDS) systems. Note the SSDS at former Stop N Shop (currently Tops Market) is no longer active and only the piping remains for the SSDS.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. V00087

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Peter Kempner (print name) at New Paltz Plaza Properties, L.P. (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date: 9/24/25

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Thomas M. Johnson (print name) at Sterling Environmental Engineering, P.C., 24 Wade Road, Latham NY 12110 (print business address),

am certifying as a Qualified Environmental Professional for the Owner (Owner or Remedial Party)



Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	9/25/2025 Date